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LOCAL AREA PERSONAL INCOME

VOLUME 1 • SUMMARY

1984-89

U.S. DEPARTMENT OF COMMERCE
ECONOMICS AND STATISTICS ADMINISTRATION / BUREAU OF ECONOMIC ANALYSIS

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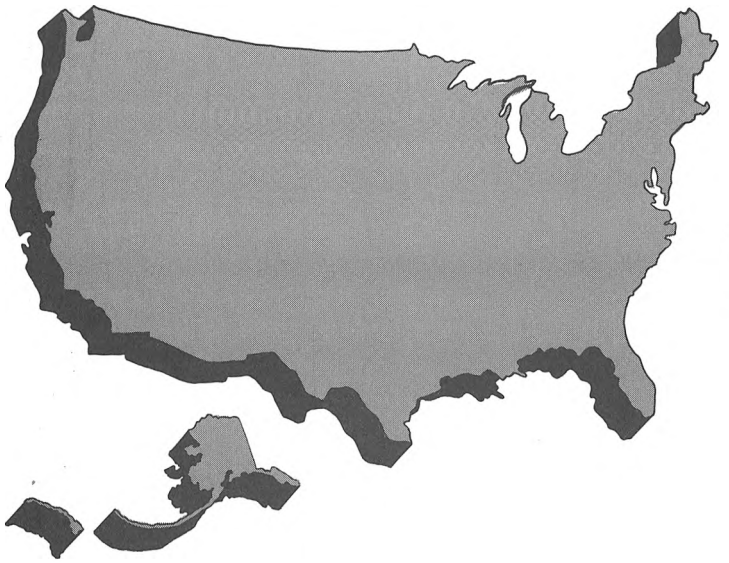

LOCAL AREA PERSONAL INCOME 1984-89

VOLUME 1

SUMMARY • *Including Methodology and Classification of Metropolitan Areas*

By • *Major Source*

For • *All States and Metropolitan Areas*

U.S. DEPARTMENT OF COMMERCE
Robert A. Mosbacher, *Secretary*

ECONOMICS AND STATISTICS ADMINISTRATION
Michael R. Darby, *Under Secretary for Economic Affairs and Administrator*

BUREAU OF ECONOMIC ANALYSIS
Allan H. Young, *Director*
Carol S. Carson, *Deputy Director*

July 1991

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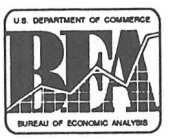

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Estimates of nonfarm labor income (wages and salaries and other labor income) were prepared by the Regional Wage Branch under the supervision of Carol E. Evans, Chief. Major responsibilities were assigned to Sharon C. Carnevale, C. Brian Grove, Michael G. Pilot, and James M. Scott. Contributing staff members were E. Frances Bake, Elizabeth P. Cologer, Kathryn A. Comins, Susan P. Den Herder, Eddie L. Key, Russell C. Lusher, Richard A. Lutyk, Lisa C. Ninomiya, Michael Phillips, Adrienne T. Pilot, William E. Reid, Jr., John A. Rusinko, Victor Sahadachny, and Jaime Zenzano.

Estimates of farm earnings (wages and salaries, other labor income, and proprietors' income) and the residence adjustments were prepared by the Quarterly Income Branch under the supervision of Robert L. Brown, Assistant Division Chief. Major responsibilities were assigned to James M. Zavrel. Contributing staff members were Elaine M. Briccetti, Daniel R. Corrin, Richard H. Grayson, and Daniel Zabronsky.

Estimates of nonfarm proprietors' income, dividends, interest, rent, transfer payments, and personal contributions for social insurance were prepared by the Proprietors' Income Branch under the supervision of Bruce Levine, Chief. Major responsibilities were assigned to Charles A. Jolley. Contributing staff members were Kirk Fox, Marian B. Sacks, Michael S. Wagner, Ellen M. Wright, and Marianne A. Ziver.

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Although the county income measures contained in this publication resulted from the effort, experience, and cooperation of BEA personnel, their foundation was the statistical work of other government agencies as well as private organizations. Particularly noteworthy for their contributions were the State employment security agencies, the various State agencies administering income maintenance programs, the Bureau of Labor Statistics, the Bureau of the Census, the National Agricultural Statistics Service, the Internal Revenue Service, the Social Security Administration, the Health Care Financing Administration, the Office of the Secretary of Defense, the Department of Veterans Affairs, and the Association of American Railroads.

Subject Assignment Directory

For information about the availability of data (see also Appendix B), call the Regional Economic Information System staff at (202) 254–6630. For additional information about State and local area personal income, call Linnea Hazen, Chief of the Regional Economic Measurement Division (REMD), at (202) 254–6631. For information about a specific subject, call the REMD specialists listed below.

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Residence adjustments	Daniel Zabronsky	(202) 254–6639
Transfer payments	Bruce Levine	(202) 254–6634
Wage and salary income and employment	Carol E. Evans	(202) 254–6633

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Introduction

THIS volume is part of a five-volume set published annually by the Regional Economic Measurement Division of the Bureau of Economic Analysis (BEA). The set presents BEA's estimates of total and per capita personal income for local areas for 1984–89, as well as additional detail on the sources of personal income by type and major industry. Thus, these volumes present much more than can be presented in the SURVEY OF CURRENT BUSINESS, in which BEA annually publishes 3 years of estimates of total and per capita personal income for local areas. The series of local area personal income estimates extends back through 1969; the estimates for 1969–83 can be obtained as explained under "Availability of the State and local area estimates" on the next page.

The tables in these volumes are supplemented by maps and charts. The maps show the outlines of counties and metropolitan areas in each State. The charts show the distribution of personal income among the metropolitan areas of each State and the percent change in personal income from 1984 to 1989 for these areas. These volumes also present a detailed description of the source data and estimating methods used in making the 1984–89 estimates. This statement of methodology is intended to help users to determine the suitability of the estimates for various applications and to evaluate their reliability. The methodology is supplemented by a glossary and by technical notes.

Volume 1 of the set presents estimates for the United States as a whole, for the regions and States, and for metropolitan areas. The estimates of labor and proprietors' earnings are presented at the Standard Industrial Classification (SIC) two-digit level. In addition, volume 1 contains the methodology statement and tables that show the distribution and changes in total personal income for regions; its appendixes provide the list of the members of the BEA User Group, present examples of the tables available—either directly or through the user group—from the BEA Regional Economic Information System, and show the county definitions of metropolitan areas and the metropolitan area classification scheme.

Each of the other four volumes present estimates for one or more of the eight BEA regions: The New England, Mideast, and Great Lakes regions in volume 2; the Plains regions in volume 3; the Southeast region in volume 4; and the Southwest, Rocky Mountain, and Far West regions in volume 5. Volume 5 also presents estimates for Alaska and Hawaii, which are not included in any BEA region. Each regional volume includes the methodology statement, the list of the members of the BEA User Group, the list of available tables, and estimates for the following: The United States; the region(s); and the States, the metropolitan statistical areas (MSA's), the primary metropolitan statistical areas (PMSA's), and the counties of the region(s). The earnings estimates in these volumes are at the SIC division level, but tables at the SIC two-digit level are available as explained on the next page. Estimates for consolidated metropolitan statistical areas (CMSA's) appear only in volume 1.

The estimates in these volumes are prepared for States and counties; estimates for all other geographic areas are made by aggregating either the State or county estimates in the appropriate combinations. This building block approach provides BEA with the flexibility necessary to meet the needs of the wide variety of users of local area estimates. It also permits estimates for areas whose boundaries change over time—such as metropolitan areas—to be presented on a consistent geographic definition for all years. The estimates are made only for local areas that can be defined in terms of counties or county equivalents, but the MSA's, CMSA's, and PMSA's of the New England States are defined in terms of cities and towns. Therefore, the BEA metropolitan area estimates for New England are for the alternative New England county metropolitan areas (NECMA's) developed by the Office of Management and Budget. (A more detailed description of the NECMA's is included in Appendix C of volume 1.)

Since the publication of the first regional estimates of income in 1939, substantial improvements have been made in the estimates of personal income and its precursors. These improvements are part of BEA's ongoing efforts to ensure that the estimates provide the best possible quantitative view of economic developments in each metropolitan area and county as measured by personal income and its components. To provide the reader with a perspective on the estimates presented in these volumes, a brief history of the State and local area personal income estimates is presented in this introduction. The introduction also describes the major uses of the local area estimates, the schedules and formats in which they are available, and the BEA User Group.

A brief history of the estimates

BEA's work on regional income estimation began in the mid-1930's with the construction of a series of "State income payments" to individuals. State income payments were defined as the sum of (1) wages and salaries, (2) other labor income and relief, (3) entrepreneurial withdrawals, and (4) dividends, interest, and net rents and royalties. The estimates were produced as part of an effort to explain the processes and structure of the Nation's economy in the 1930's. During the 1940's and early 1950's, extensive work in locating data sources and revising methodology resulted in the production of a more comprehensive annual measure—State personal income. State personal income differs from State income payments in five important ways:

(1) Personal income, in contrast to income payments, consists of six, rather than four, major components (other labor income and transfer payments replaced "other labor income and relief," and the component "personal contributions for social insurance" was added as an explicit deduction);

(2) Personal income includes greater component detail and a broader range of income-in-kind and imputed income items;

(3) Personal income includes the income of nonprofit institutions and of certain kinds of funds as well as the income of individuals;

(4) Personal income includes employer contributions to private pension funds instead of the benefits paid by the funds; and

(5) Personal income includes transfers by business.

During the 1960's, work on the development of quarterly estimates of State personal income was completed. The first set of these estimates as a continuous series was published in the December 1966 issue of the SURVEY.

BEA began work on local area estimates in the mid-1950's, but the estimates were confined to a relatively small number of counties in the Mideastern and Plains States. This work was expanded in the mid-1960's and resulted in a historical personal income series for selected years of 1929–62 for metropolitan areas and for nonmetropolitan counties. Estimates for counties within metropolitan areas were developed in the early 1970's and published for the first time in the April 1975 SURVEY.

BEA now prepares annual estimates of personal income and of employment for all the metropolitan areas and all the counties and county equivalents for which reliable source data are available. For the small independent cities of Virginia—generally those with fewer than 100,000 residents—and for Kalawao County, Hawaii, the Montana portion of Yellowstone National Park, and Menominee County, Wisconsin, the geographic coding of essential source data has proved to be unreliable. Accordingly, the source data for each of these areas are combined with the source data for an adjacent county, and the personal income estimates are prepared for the combined areas.

Uses of county and metropolitan area estimates

The county and metropolitan area estimates are widely used by both the public and private sectors to measure and track levels and types of income received by persons living or working in a county or metropolitan area. These estimates provide a framework for the analysis of each local area's economy, and they serve as a basis for decision making. Personal income and employment are also among the measures used in evaluating the socioeconomic impact of public- and private-sector initiatives; for example, they are widely used in preparing the environmental impact statements required by the National Environmental Policy Act of 1969.

Federal agencies use these estimates in econometric models for projecting program needs and as a framework for economic analysis.

State governments use the estimates to measure the economic base of State planning areas and in econometric models developed for various planning purposes. They also use the estimates to project tax revenues and needs for public utilities and services.

University schools of business and economics, often working under contract for State and local governments, use the BEA local area estimates for theoretical and applied economic research. Some of these schools reproduce BEA personal income data in abstracts or similar reports. These publications are distributed to local government agencies, regional councils, private research groups, businesses, and individuals.

Businesses and labor organizations use the estimates, for example, to evaluate markets for new or established products and to determine areas for the location, expansion, and contraction of their activities. Trade associations and labor organizations use them for product and labor market analyses.

Estimating schedule for the major regional series

The annual estimates of State and local area personal income for a given year are subject to successive refinement. Preliminary State estimates, based on the current quarterly series, are released 4 months after the close of the reference year and are published in the April SURVEY. In the August SURVEY, more reliable annual estimates are published. These estimates are developed independently of the quarterly series and are prepared in greater component detail, primarily from Federal and State government administrative records. The annual estimates published in the August SURVEY are subsequently refined to incorporate newly available information used to prepare the current local area estimates. These revised State estimates, together with the current local area estimates, are published in the following April SURVEY. The annual estimates emerging from this three-step process are further revised for several succeeding years (the State estimates in April and August and the local area estimates in April), as additional data become available. The routine revisions of the local area estimates for a given year are normally completed with the third April release. After that, the estimates will be changed only to incorporate a comprehensive revision of the national income and product accounts—which takes place approximately every 5 years—or to make important improvements to the estimates through the use of additional or more current State and local area data.

Annual estimates of State disposable personal income—that is, personal income less personal tax and nontax payments—are released in April on a preliminary basis and in August on a revised basis.

Quarterly estimates of State personal income, which are released approximately 4 months after the close of the reference quarter, are published regularly in the January, April, July, and October issues of the SURVEY. In October and the following April, the quarterly series for the 3 previous years is revised for consistency with the revised annual estimates. In January and July, the estimates for at least the quarter immediately preceding the current quarter are revised.

Availability of the State and local area estimates

The personal income tables in this five-volume set, as well as the other standard tabulations discussed below, are available from the Regional Economic Information System (REIS), which is the term applied to the data files, computer programs, and staff established for the maintenance, management, and distribution of the regional database. REIS operates an information retrieval service that provides a variety of standard and specialized analytic tabulations for counties and specified combinations of counties. For a list of standard tabulations available through this system and through the BEA User Group, see Appendix B. In volume 1, Appendix B also includes a sample set of the standard tabulations. These tabulations are available from REIS in magnetic tape, computer printout, CD-ROM, and microcomputer diskette forms; for further information, call (202) 254–6630. Some of the tabulations are available electronically on the Department of Commerce's Economic Bulletin Board. (The Bulletin Board is available from the National Technical Information Service; to subscribe, call (703) 487–4630.) Summary tabulations of the State and local estimates are published regularly in the SURVEY; the local area estimates are usually presented in the April issues.

An extensive set of State-level historical estimates is available in *State Personal Income: 1929–87.*[1]

BEA User Group

In addition to responding to specific data requests, BEA also makes its estimates of income and employment for States, metropolitan areas, and counties available through the BEA User Group, whose members include State agencies, universities, and Census Bureau Primary State Data Centers (see Appendix A). BEA provides its estimates to these organizations with the understanding that they will make the estimates readily available. Distribution in this way encourages State universities and State agencies to use data that are comparable for all States and counties and that are consistent with national totals; using comparable and consistent data enhances the uniformity of analytic approaches taken in economic development programs and improves the recipients' ability to assess local area economic developments and to service their local clientele.

1. *State Personal Income: 1929–87* (stock no. 003–010–00197–6) is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402–9325 (or call (202) 783–3238) for $16.00. The 1986–87 estimates in this publication have been superseded by revisions.

Overview

THIS section provides an overview of the sources and methods used to prepare the current years' estimates—that is, the estimates for the 6 most recent years—of local area personal income. It highlights the relationships among the national, State, and local area estimates of personal income.

The personal income of an area is defined as the income received by, or on behalf of, all the residents of the area. It consists of the income received by persons from all sources, that is, from participation in production, from both government and business transfer payments, and from government interest. Personal income is measured as the sum of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, personal dividend income, personal interest income, and transfer payments, less personal contributions for social insurance. Per capita personal income is measured as the personal income of the residents of an area divided by the resident population of the area.

In the national and regional economic accounts, persons are defined as individuals, nonprofit institutions serving individuals, private noninsured welfare funds, and private trust funds. The last three are referred to as "quasi-individuals."

At the national level, personal income is part of the personal income and outlay account, which is one of five accounts in a set that includes the national income and product account. Such accounts do not now exist below the national level; however, personal income has long been available for States and local areas. In addition, gross state product (GSP), which corresponds to the national measure gross domestic product, and some elements of personal outlays (personal tax and nontax payments) are available for States but not for local areas. GSP is estimated separately from State personal income, but the two measures share most of the elements of labor and proprietors' earnings by State of work.[2]

Differences between the national and subnational estimates

The definitions underlying the State and local area estimates of personal income are essentially the same as those underlying the national estimates of personal income. However, the national estimates of personal income include the labor earnings (wages and salaries and other labor income) of residents of the United States temporarily working abroad, whereas the subnational estimates include the labor earnings of persons residing only in the 50 States and the District of Columbia. Specifically, the national estimates include the labor earnings of Federal civilian and military personnel stationed abroad and of residents who are employed by U.S. firms and are on temporary foreign assignment. An "overseas" adjustment is made to exclude the labor earnings of these workers from the national totals before the totals are used as controls for the State estimates.

One classification difference between national and subnational estimates relates to border workers—that is, residents of the United States who work in adjacent countries (such as Canada) and foreigners who work in the United States but who reside elsewhere. At the national level, the labor earnings of border workers and those of U.S. residents employed by international organizations and by foreign embassies and consulates in the United States are included in the measurement of the "rest-of-the-world" sector. At the State and local area levels, however, only the latter portion of the "rest of the world" is treated as a component of personal income. Border workers are treated as commuters, and their earnings flows are reflected in personal income through the residence adjustment procedures. Another classification difference between the national and subnational series relates to the classification of income into farm and nonfarm categories. In the national estimates, farm income consists of farm earnings and agricultural net interest; in the State and local area estimates, it consists of farm earnings.

Statistical differences between the national and subnational series may reflect the different estimating schedules for the two series. The State and local area estimates usually incorporate source data that are not available when the national estimates are prepared. The national estimates are usually revised the following year to reflect the more current State and local area data.

Sources of data

BEA uses information collected by others to prepare its estimates of State and local area personal income. Generally, two kinds of information are used to measure the income of persons: Information generated at the point of disbursement of the income and information elicited from the recipient of the income. The first kind, referred to as "administrative record data," is a byproduct of the administration of various Federal and State government programs; the second kind is survey and census data.

The following are among the more important sources of the administrative record data: The State unemployment insurance programs of the Employment and Training Administration, Department of Labor; the social insurance programs of the Social Security Administration and the Health Care Financing Administration, Department of Health and Human Services; the Federal income tax program of the Internal Revenue Service, Department of the Treasury; the veterans benefit programs of the Department of Veterans Affairs; and the military payroll systems of the Department of Defense. The two most important sources of census data are the censuses of agriculture and of population. The data obtained from administrative records and censuses are used to estimate about 90 percent of personal income. Data of

2. For a tabular representation of the relationships among gross national product, gross domestic product, State earnings, and gross state product, see table A in Vernon Renshaw, Edward A. Trott, Jr., and Howard L. Friedenberg, "Gross State Product by Industry, 1963–86," SURVEY OF CURRENT BUSINESS 68 (May 1988): 31.

lesser quality, scope, and relevance are used for the remaining 10 percent.

When data are not available in time to be incorporated into the current estimating cycle, interim estimates are prepared using the previous year's State or county distribution. The interim estimates are revised during the next estimating cycle to incorporate the newly available data.

Using data that are not primarily designed for income measurement has several advantages and disadvantages. Using administrative record data and census data, BEA can prepare the estimates of State and local area personal income on an annual basis, in considerable detail, at relatively low cost, and without increasing the reporting burden of businesses and households. However, because these data are not designed primarily for income measurement, they often do not precisely "match" the series being estimated and must be adjusted to compensate for differences in content (definition and coverage) and geographic detail. Alternatively, if BEA were to conduct surveys of income recipients, the data provided could be precisely tailored to subnational income estimation in terms of content and geographic detail. However, because a large sample would be required to obtain statistically reliable data below the national level, the cost of the annual preparation of the estimates in comprehensive detail would be prohibitively high.

Controls and the allocation procedure

Because detailed geographic coding is not available for all source data and because more comprehensive and more reliable information is available for the Nation than for States and counties, the estimates of personal income are first constructed at the national level. The subnational estimates are constructed as elements of the national totals, using the subnational data. Thus, the national estimates, with some adjustment for definition, serve as the "control" for the State estimates, and the State estimates, in turn, serve as controls for the county estimates.

The State estimates are made by allocating the national total for each component of personal income to the States in proportion to each State's share of a related economic series. Similarly, the county estimates are made, in somewhat less component detail, by allocating the State total. In some cases, the related series used for the allocation may be a composite of several items (for example, wages, tips, and pay-in-kind) or the product of two items (for example, average wages times the number of employees). In every case, the final estimating step for each income estimate is its adjustment to the appropriate higher level total. This procedure is called the allocation procedure. (Because of the comprehensiveness of the subnational data used to estimate most components of wages and salaries and of transfer payments, which together account for about 75 percent of total personal income at the national level, the allocation procedure causes only minor changes to the State and county data for these components.)

The use of the allocation procedure imparts the accuracy of the national totals to the State and local area estimates and allows the use of subnational data that are related but that do not always precisely match the series being estimated. The use of this procedure also yields an additive system wherein the county estimates sum to the State totals and the State estimates sum to the national total.

Place of measurement

Personal income, by definition, is a measure of income received; therefore, estimates of State and local area personal income should reflect the residence of the income recipients. However, the data available for regional economic measurement are frequently recorded by the recipients' place of work. The data underlying the estimates can be viewed as falling in four groups according to the place of measurement.

(1) For the estimates of wages and salaries, other labor income, and personal contributions for social insurance by employees, most of the source data are reported by industry in the State and county in which the employing establishment is located; therefore, these data are recorded by place of work. The estimates based on these data are subsequently adjusted to a place-of-residence basis for inclusion in the personal income measure.

(2) For nonfarm proprietors' income and personal contributions for social insurance by the self-employed, the source data are reported by tax-filing address. These data are largely recorded by place of residence, but the estimates based on them are presented—without adjustment—as part of both place-of-work earnings and place-of-residence earnings. In effect, the place of business of the proprietorship is assumed to be in the same county as the place of residence of the proprietor. When this assumption is incorrect, place-of-work earnings is more likely to be misstated than is place-of-residence earnings; it is the latter measure that is included in personal income.

(3) For farm proprietors' income, the source data are reported and recorded at the principal place of production, which is usually the county in which the farm has most of its land. Because most farm proprietors live on or near their land, the source data are assumed to be a valid representation of both place of work and place of residence.

(4) For military reserve pay, rental income of persons, personal dividend income, personal interest income, transfer payments, and personal contributions for supplementary medical insurance and for veterans life insurance, the source data are reported and recorded by the place of residence of the income recipients

Sources and Methods for the 1984–89 County Personal Income Estimates

Wage and Salary Disbursements

WAGE and salary disbursements are defined as the monetary remuneration of employees, including the compensation of corporate officers; commissions, tips, and bonuses; and receipts in kind that represent income to the recipient. They are measured before deductions, such as social security contributions and union dues. The estimates reflect the amount of wages and salaries disbursed during the current period, regardless of when they were earned.

As shown in table A, wage and salary disbursements accounted for almost 59 percent of total personal income at the national level in 1989. Table A also shows the relative importance of the major industrial components of wages and salaries to total personal income.

The following description of the procedures used in making the estimates of wage and salary disbursements is divided into three sections: Wages and salaries that are covered under the unemployment insurance (UI) program, wages and salaries that are not covered under the UI program, and wages and salaries that are paid in kind.

Wages and salaries covered by the UI program

The estimates of about 95 percent of wages and salaries are derived from tabulations by the State employment security agencies (ESA's) from their State employment security reports (form ES-202). These tabulations summarize the data from the quarterly UI contribution reports filed with a State ESA by the employers subject to that State's UI laws. Employers usually submit reports for each "county reporting unit"—that is, for the sum of all the employer's establishments in a county for each industry. However, in some cases, an employer may group very small establishments in a single "statewide" report without a county designation. Each quarter, the various State ESA's submit the ES-202 tabulations on magnetic tape to the Bureau of Labor Statistics (BLS), which provides a duplicate tape to BEA. The tabulations present monthly employment and quarterly wages for each county in Standard Industrial Classification (SIC) four-digit detail.[3] Under the reporting requirements of most State UI laws, wages include bonuses, tips, gratuities, and the cash value of meals and lodging supplied by the employer.

In making the wage and salary (and employment) estimates, BEA annually adds several million administrative records received from the States and the District of Columbia to its database. Although these records are usually reviewed as they are

3. The ES-202 tabulations through 1987 reflect the 1972 SIC, and those for 1988 and 1989, the 1987 SIC. To maintain the continuity of the estimates, BEA converted the 1988 and 1989 ES-202 data to the 1972 SIC basis. BEA will convert its estimates to the 1987 SIC in a later estimating cycle.

Table A.—Relative Importance to Total Personal Income of Wage and Salary Disbursements, by Component, United States, 1989

	Millions of dollars	Percent of total personal income
Total personal income [1]	**4,367,401**	**100.00**
Wage and salary disbursements [2]	**2,562,601**	**58.68**
Farm	8,404	.19
Agricultural services, forestry, fisheries, and other [3]	12,832	.29
Mining	24,468	.56
Construction	133,386	3.05
Manufacturing	541,424	12.40
Nondurable goods	202,522	4.64
Food and kindred products	39,134	.90
Textile mill products	13,852	.32
Apparel and other textile products	16,052	.37
Paper and allied products	22,132	.51
Printing and publishing	40,130	.92
Chemicals and allied products	40,350	.92
Petroleum and coal products	6,230	.14
Tobacco manufactures	2,047	.05
Rubber and miscellaneous plastic products	20,255	.46
Leather and leather products	2,340	.05
Durable goods	338,902	7.76
Lumber and wood products	15,195	.35
Furniture and fixtures	10,342	.24
Primary metal industries	24,768	.57
Fabricated metal products	38,305	.88
Machinery, except electrical	66,576	1.52
Electric and electronic equipment	61,953	1.42
Transportation equipment excluding motor vehicles	42,380	.97
Motor vehicles and equipment	31,541	.72
Stone, clay, and glass products	16,028	.37
Instruments and related products	23,209	.53
Miscellaneous manufacturing industries	8,605	.20
Transportation and public utilities	168,123	3.85
Railroad transportation	11,811	.27
Trucking and warehousing	38,125	.87
Water transportation	5,478	.13
Other transportation [4]	35,866	.82
Communication	42,498	.97
Electric, gas, and sanitary services	34,345	.79
Wholesale trade	182,025	4.17
Retail trade	254,110	5.82
Finance, insurance, and real estate	196,826	4.51
Services	574,656	13.16
Hotels and other lodging places	24,158	.55
Personal services	17,218	.39
Private households	10,042	.23
Business services	127,284	2.91
Auto repair, services, and garages	16,889	.39
Miscellaneous repair services	8,546	.20
Amusement and recreation services	15,663	.36
Motion pictures	6,947	.16
Health services	179,438	4.11
Legal services	37,471	.86
Educational services	29,072	.67
Social services	21,641	.50
Museums, botanical, and zoological gardens	906	.02
Membership organizations	27,496	.63
Miscellaneous services	51,885	1.19
Government and government enterprises	466,347	10.68
Federal civilian	93,929	2.15
Military	44,641	1.02
State and local	327,777	7.51

NOTE.—Detail may not add to totals because of rounding.

1. Includes adjustments for border workers: Income of U.S. residents working across U.S. borders less income of foreign residents working in the United States.

2. Includes wages received by border workers employed in the United States.

3. Other includes wages and salaries of U.S. residents working for international organizations and for foreign embassies and consulates located in the United States.

4. Includes local and interurban passenger transit, transportation by air, pipelines (except natural gas), and transportation services.

coded and processed by the State ESA's, errors do occur. Consequently, BEA has developed a number of computerized edit routines to locate major errors in the source data. For example, in one routine, county data for the current quarter are checked for invalid SIC four-digit codes, for duplicate records, and for records that contain no data. A quarter-to-quarter comparison is made between average quarterly wages and employment and absolute quarterly differences in total wages and employment. If either measure exceeds established parameters, it is identified for further review. Anomalies that remain unreconciled after this review are referred back to BLS for further investigation.

The BEA estimates of wage and salary disbursements are made, with a few exceptions, at the SIC two-digit level. However, the availability of the ES-202 data in SIC four-digit detail facilitates the detection of errors and anomalies; this detail also makes it possible to isolate those SIC three-digit industries for which UI coverage is too incomplete to form a reliable basis for the estimates. In this case, the SIC two-digit estimate is prepared as the sum of two pieces: The fully covered portion, which is based on the ES-202 data, and the incompletely covered portion, which is estimated as described in the section on wages and salaries not covered by the UI program.

The ES-202 wage and salary data do not precisely meet the statistical and conceptual requirements for BEA's personal income estimates. Consequently, the data must be adjusted to meet the requirements more closely. The adjustments affect both the industrial and geographic patterns of the State and county UI-based wage estimates. The largest adjustment is the conversion of the wage estimates from a place-of-work basis to a place-of-residence basis. The residence adjustment for wages (as well as for other labor income and personal contributions for social insurance) is discussed beginning on page M-21.

Adjustment for statewide reporting.—Wages and salaries reported for statewide units are allocated to counties in proportion to the distribution of the wages and salaries reported by county; the allocations for each State are made for each private-sector industry (generally at the SIC two-digit level) and for five government components (Federal civilian, State education, State noneducation, local education, and local noneducation).

Adjustment for industry nonclassification.—The industry detail of the ES-202 tabulations regularly shows minor amounts of payroll that have not been assigned to any industry. The industrial classification scheme used by BEA for its income estimates does not permit this not-elsewhere-classified category. Therefore, for each State, the amount of ES-202 payrolls in this category is distributed among the industries in direct proportion to the industry-classified payrolls. The amounts involved in this adjustment are quite small—about 0.2 percent of total payrolls nationally. No error is introduced into the total wage estimate for a county, because the adjustment involves only an apportionment within a county of the amount reported for that county.

Misreporting adjustment.—This adjustment—the addition of estimates of wages and salaries subject to UI reporting that employers do not report—is made to the ES-202 data for all covered private-sector industries. At the national level, the estimate for each industry is made in two parts—one for the underreporting of payrolls on UI reports filed by employers and one for the payrolls of employers that fail to file UI reports.[4] The source data necessary to replicate this methodology below the national level are not available. Instead, the national adjustment for each industry is allocated to States and counties in proportion to ES-202 payrolls.

Adjustments to government components.—Alternative source data are substituted for the ES-202 data when the latter series reflects excessively large proportions of Federal civilian payrolls that are not reported by county or of State government payrolls that are apparently reported in the wrong counties. In Minnesota, New York, and Wisconsin, the wages and salaries of the Postal Service are allocated to counties in proportion to the distribution of its employment as reported by the Office of Personnel Management (OPM). In Virginia and Wisconsin, the wages and salaries of the Department of Defense are allocated to counties by OPM employment data. In Tennessee, the ES-202 data are the basis for the county estimates for the Tennessee Valley Authority; the estimates for all other agencies are based on the OPM data.

The county estimates of the education component of State government wages and salaries for all States are based on ES-202 data. However, the county estimates of the noneducation component for six States (Illinois, Michigan, New Jersey, Rhode Island, Tennessee, and Wisconsin) are based on place-of-work wage data derived from an unpublished tabulation of journey-to-work (JTW) data from the 1980 Census of Population; the geographic coding of the ES-202 data for this component appears to attribute too much payroll and employment to the counties of the State capitals.

Adjustments for noncovered elements of UI-covered industries.—BEA presently makes adjustments for the following noncovered elements:

- Tips (in taxicabs, eating and drinking places, hotels, personal services, and amusement and recreation services);
- Commissions received by insurance solicitors and real estate agents;
- Payrolls of electric railroads, railroad carrier affiliates, and railway labor organizations;
- Salaries of corporate officers in Washington State;
- Payrolls of nonprofit organizations exempt from UI coverage because they have fewer than four employees (in printing and publishing, miscellaneous manufacturing, credit agencies other than banks, real estate, holding and other investment companies, hotels, and membership organizations other than religious);
- Wages and salaries of students employed by the institutions of higher education in which they are enrolled (in private education, State government education, and local government education);
- Allowances paid to Federal civilian employees in selected occupations for uniforms; and
- Salaries of State and local government elected officials and members of the judiciary.

4. Robert P. Parker, "Improved Adjustments for Misreporting of Tax Return Information Used to Estimate the National Income and Product Accounts, 1977," SURVEY 64 (June 1984): 17–25.

Except for tips, these elements are exempted from State UI coverage. Tips are covered by the various UI laws. BEA assumes that this form of income payment is considerably underreported, and it therefore makes additional estimates of tips in industries where tipping is most customary.

National and State estimates of each of the noncovered elements are made (based on either direct data or indirect indicators). These estimates are added to the ES-202 payroll amount for the industry of the noncovered element to produce the final estimates for that industry. Because of the lack of relevant data, county estimates are made by allocating the final State total by the distribution of ES-202 payrolls for the appropriate industry.

Wages and salaries not covered by the UI program

Eight industries are treated as noncovered in making the State and county estimates of wage and salary disbursements: (1) Farms, (2) farm labor contractors, (3) railroads, (4) private elementary and secondary schools, (5) religious membership organizations, (6) private households, (7) military, and (8) "other." For all these industries except farm labor contractors, railroads, and "other," wages paid in kind are estimated separately from cash wages. (See the section on wages and salaries paid in kind on page M-10.)

Farms.—BEA estimates of cash farm wages and salaries consist of the cash pay of hired farm labor and the salaries of officers of corporate farms. The farm wage estimates do not include the pay of contract farm labor, which is classified in agricultural services. For most States, the State estimates of the cash wages of hired farm labor, which are based on estimates prepared by the Department of Agriculture, are allocated to counties by distributions from the 1982 Census of Agriculture. For those States with near-complete UI coverage of farm employees (currently Arizona, California, New Hampshire, and Rhode Island), the county estimates are based on ES-202 data. The State and county estimates of the salaries of corporate officers are based on the amounts reported in the census of agriculture.

Farm labor contractors.—This industry is classified in agricultural services rather than in farms. UI coverage in Arizona and California is complete enough to permit the use of the ES-202 data, but most State UI programs only partially cover this industry. For these States, BEA makes an independent estimate of wages of contract farm labor and adds it to the ES-202 wages in agricultural services. The State and county estimates are based on the proportional distribution of expenditures for contract labor reported in the 1982 Census of Agriculture; the ES-202 amount for a county is substituted for the census-based estimate when the ES-202 amount is higher than the estimate. This substitution is made most frequently for Florida counties.

Railroads.—The railroad industry is covered by its own unemployment insurance program, which is administered by the Railroad Retirement Board, rather than by State UI programs. Suitable data for making county estimates of wages and salaries are not available from the Railroad Retirement Board. The principal basis for the BEA county estimates of wages in the railroad industry is an employment series developed from biennial reports on employment in class I railroads prepared by the Association of American Railroads (AAR).[5] These reports include information on employment by railroad company for selected metropolitan counties that account for approximately 75 percent of all railroad employment and for a residual of all other counties for each State. Employment for the years between the AAR reports is approximated by straight-line interpolation, and the most recent data are used for the subsequent year or years. Railroad wages for the selected metropolitan counties and for the State residuals are estimated as the sum of the products of employment by company for each area and of national average wages by company as reported by the Interstate Commerce Commission. This methodology is the same as that used to estimate railroad wages and salaries at the State level. The State residuals are allocated to counties by the 1979 distribution of railroad wages by county of work derived from the 1980-census JTW data.

Private elementary and secondary schools.—In about one-half of the States, the UI coverage of this industry is complete enough to permit the use of ES-202 data as the basis for the county wage and salary estimates. In the other States, the county estimates are based on the best available series chosen from (1) data on employment in private elementary and secondary schools published by State departments of education, (2) employment data from the Department of Education's 1980–81 survey of private elementary and secondary schools, or (3) relevant wage data from the Census Bureau's annual *County Business Patterns*.

Religious membership organizations.—UI coverage of this industry is inadequate, and alternative data at the county level are not available. Therefore, the State estimates for the industry, which are assembled from fragmentary data, are allocated to counties in proportion to the distribution of the civilian population.

Private households.—For this largely noncovered industry, the county estimates of cash pay are based on place-of-work private household wages from the 1980-census JTW data. This methodology is the same as that used to prepare the State estimates.

Military.—This category consists of the cash pay (including allowances) of full-time military personnel and of the members of the military Reserves (including the National Guard). The county estimates of cash pay for full-time military personnel are based on county payroll estimates by branch of service prepared by the Department of Defense (DOD) and on the county distribution of Coast Guard military personnel prepared by the Department of Transportation. Independently derived national and State totals for each branch of service are distributed to counties on the basis of these series. If a military installation extends across county boundaries, the entire payroll is usually assigned to the county that contains the headquarters.

State estimates of military reserve cash pay are based on direct data supplied by DOD. However, little information, direct or indirect, is available for estimating military reserve pay below the State level. The county distribution of military reserve pay is assumed to be in proportion to the distribution of the civilian population.

"Other."—In the State and local area personal income series, this category consists of the wages and salaries of U.S. residents employed by international organizations and by foreign embassies and consulates located in the United States. The category differs from "rest of the world"—the corresponding category in the na-

5. Railroads are classified on the basis of a 3-year average of operating revenues. Class I railroads are those with revenues of $50 million or more.

tional estimates of personal income—in that "rest of the world" also includes the net flow of the wages of international border workers—that is, U.S. residents commuting across the border to work in Canada and foreign residents working in the United States. In the State and local area estimates, the wages of border workers are reflected through the residence adjustment process.

The State and local area estimates of "other" are made by allocating the appropriate national totals for all years by an estimated geographic distribution of 1968 administrative expenditures of international and foreign organizations operating in the United States. This distribution was prepared by the Balance of Payments Division, BEA. Because of the absence of related data, the reliability of the estimates for this subcomponent of wage and salary disbursements, even at the national level, is low. However, the dollar amounts involved are so small that the effect on the reliability of the wage component, even at the county level, is negligible.

Wages and salaries paid in kind

The value of food, lodging, clothing, and miscellaneous goods and services furnished to employees by their employers as payment, in part or in full, for services performed is included in the wage and salary component of personal income and is referred to as "pay-in-kind." In the national income and product accounts, pay-in-kind is depicted as a series of cash flows. For example, it is assumed that the employer, instead of furnishing free food directly to the employee, pays the employee a corresponding amount in cash and that the employee in turn uses this amount to buy food purchased by the employer. Therefore, the estimates of wages and salaries and of personal consumption expenditures are increased by equal amounts. If these imputations were omitted, the measures of personal income, personal consumption expenditures, and total output would all be underestimated. Moreover, the earnings of employees receiving part of their pay in kind would be understated when compared with the earnings of employees whose pay is all in cash.

BEA's county estimates of pay-in-kind are approximations. The lack of direct data and of reliable indirect data for the imputed transactions associated with pay-in-kind makes it virtually impossible to produce a measure that is more than an approximation even at the national level.

Providing goods and services in lieu of cash has become much less prevalent. Presently, pay-in-kind is found in nine industries: (1) Water transportation, (2) eating and drinking places, (3) hotels and other lodging places, (4) private hospitals, (5) elementary and secondary schools with religious affiliations, (6) religious membership organizations, (7) farms, (8) private households, and (9) the military services. BEA makes estimates of pay-in-kind for all but the first three industries. For these three, the State and county estimates of wages and salaries are assumed to include pay-in-kind because they are based on the ES-202 tabulations of payrolls. Accordingly, no additional estimates are made, although total wages are probably understated in these industries as a result.[6]

For private hospitals, although the estimates are derived from the ES-202 tabulations, an estimate of pay-in-kind is made to reflect the food and lodging provided to student nurses and interns and to members of religious orders working in hospitals but excluded from UI coverage. The State and county allocations of the pay-in-kind for private hospitals are based on the distribution of ES-202 employment data because of the lack of direct data.

For elementary and secondary schools with religious affiliations and for religious membership organizations, the estimates reflect the food, lodging, laundry, and miscellaneous items received by the personnel who are members of religious orders. The State allocations of pay-in-kind for both industries are based on the geographic distributions of selected categories of Catholic clergy and members of religious orders; these distributions are published annually in the *Official Catholic Directory*.[7] In the absence of more appropriate data at the county level, the county allocations for elementary and secondary schools are based on the distribution of employment, and those for religious membership organizations are based on the civilian population.

For farms and for private households, the pay-in-kind estimates reflect the food and lodging provided to employees. For farms, the State estimates, which are based on Department of Agriculture data, are allocated to counties in proportion to the number of hired farm workers who worked 150 days or more in a year as reported in the 1982 Census of Agriculture. For private households, the State and county estimates of pay-in-kind are based on place-of-work employment derived from the 1980-census JTW data.

For the military services, pay-in-kind measures the value of the food and clothing received by enlisted personnel.[8] The State estimates of pay-in-kind for full-time personnel are allocated to the counties by the geographic distribution of enlisted personnel for each branch of service as reported by the Department of Defense or by the Coast Guard. The State estimates of the pay-in-kind for the military Reserves are allocated to counties in proportion to the civilian population.

Other Labor Income

OTHER labor income (OLI) consists primarily of employer contributions to private pension and welfare funds; these employer contributions account for approximately 98 percent of OLI. The "all other" component of OLI consists of directors' fees, judicial fees, and compensation of prisoners. Employer contributions for social insurance, which are paid into government-administered funds, are not included in OLI; under national income and product account conventions, it is the benefits paid from social insurance funds—which are classified as transfer payments—that are measured as part of personal income, not the employer contributions to the funds.

As shown in table B, OLI accounted for about 5.5 percent of total personal income at the national level in 1989.

Employer contributions to private pension and welfare funds

Private pension and profit-sharing funds, group health and life insurance, and supplemental unemployment insurance.—The larger part of the national estimates of employer contributions

6. State UI laws require employers to estimate (if applicable) the cash value of pay-in-kind and to include the estimated cash value with cash pay when they report their payrolls. However, because employers are not required to distinguish between the two types of pay in their reports, it is doubtful that many employers comply with the requirement of including pay-in-kind.

7. (New York: P.J. Kenedy and Sons). The data are given by State and diocese.

8. Officers do not receive pay-in-kind. The clothing imputation is confined to "standard" issues; it does not include clothing and equipment designed for use on special duties or under unusual conditions.

Table B.—Relative Importance to Total Personal Income of Other Labor Income, by Component, United States, 1989

	Millions of dollars	Percent of total personal income
Total personal income	**4,367,401**	**100.00**
Other labor income	**241,622**	**5.53**
Employer contributions to private pension funds and private welfare funds	236,829	5.42
Private pension funds, group health insurance, group life insurance, and supplemental unemployment insurance	203,860	4.67
Privately administered workers' compensation	32,969	.75
All other [1]	4,793	.11

NOTE.—Detail may not add to totals because of rounding.
1. Consists of directors' fees, compensation to prisoners, and judicial fees.

to private pension and welfare funds is developed from Internal Revenue Service tabulations of data from proprietorship and corporate income tax returns published in *Statistics of Income*. However, these data are not suitable for making the subnational estimates because most multiestablishment corporations file tax returns on a companywide basis instead of for each establishment and because the State in which a corporation's principal office is located is often different from the State of its other establishments. As a result, the geographic distribution of the data tabulated from the tax returns does not necessarily reflect the place of work of the employees on whose behalf the contributions are made.

Employer contributions to private pension and profit-sharing funds are made mainly on behalf of private-sector employees; there are some private pension funds for Federal and State government employees, but most public employee pensions are provided through social insurance. Group health and life insurance are provided to most employees in both the public and private sectors. The supplemental unemployment insurance contributions are made for private-sector employees only; they stem from contracts negotiated by an individual firm with its employees or their union, and they are heavily concentrated in manufacturing industries.

For private-sector employees, the State estimates of employer contributions to private pension and profit-sharing funds, group health and life insurance, and supplemental unemployment insurance are made, for all types of employer contributions combined, at the SIC two-digit level, the same level of industrial detail as the wage and salary estimates. The national total of employer contributions for each industry is allocated to the States and counties in proportion to the estimates of wage and salary disbursements for the corresponding industry. The use of subnational wage estimates to allocate the national estimates of employer contributions to private pension and welfare funds is based on the assumption that the relationship of contributions to payrolls for each industry is the same at the national, State, and county levels. The procedure reflects the wide variation in contribution rates—relative to payrolls—among industries (and therefore reflects appropriately the various mixes of industries among counties). It does not reflect the variation in contribution rates among counties for a given industry.

The Federal Government makes contributions to a private pension fund, called the Thrift Savings Plan, on behalf of its civilian employees who participate in the Federal Employees Retirement System (mainly employees hired after 1983). In the absence of direct data below the national level, the national estimate is allocated to States and counties in proportion to the estimates of Federal civilian wages and salaries.

State government contributions to private pension plans consist of annuity payments made by State governments on behalf of selected employee groups—primarily teachers. The State estimates are based on direct data from the Teachers Insurance and Annuity Association of America/College Retirement Equities Fund. The county estimates are prepared by allocating the State estimates in proportion to the estimates of State and local government education wages and salaries. Local government contributions to private pension plans consist of large, nonrecurring payments made by four jurisdictions in 1985; these payments were assigned to the appropriate counties.

In the absence of direct data below the national level, the national estimates of Federal, State, and local government contributions to private welfare funds on behalf of their employees are allocated to States and counties in proportion to ES-202 employment data for each level of government.

Privately administered workers' compensation.—In estimating personal income, a distinction is made between publicly and privately administered workers' compensation programs. The workers' compensation programs that operate through government-administered funds are a form of social insurance; accordingly, the benefits that the funds pay are recorded in personal income as a component of transfer payments. (See the section on government payments to individuals beginning on page M-16.) The employer contributions to the programs that operate through privately administered funds are recorded in personal income as a component of OLI.

State all-industry estimates of workers' compensation contributions, exclusive of court-awarded benefits, are based on State data from the National Council on Compensation Insurance (for premiums paid to private insurance carriers underwriting workers' compensation) and from the Social Security Administration (for benefits paid by self-insured employers). The National Income and Wealth Division, BEA, prepares national estimates of workers' compensation contributions by SIC two-digit industry. Preliminary State estimates of contributions by industry (based on the distribution of wages) are reconciled with the State all-industry estimates and with the national industry estimates.[9] The State estimates of employer contributions for workers' compensation are completed by the addition of estimates of court-awarded payments to railroad workers—based on injury data from the Federal Railroad Administration, Department of Transportation—and to maritime seamen—based on the State distribution of water transportation wages and salaries.[10]

In the absence of direct data at the county level, the State estimates of total employer contributions by industry for privately administered workers' compensation funds are allocated to counties in proportion to the estimates of wage and salary disbursements by industry.

9. The reconciliation is made using a procedure in which elements of a two-dimensional matrix are alternately made to sum to geographic and industry control totals—through allocation—until the desired degree of balance is achieved. Usually only one set of control totals is designated as fixed, and this fixed set governs the final distribution. In this case, the national industry totals are the fixed set.

10. In the case of self-insured workers' compensation plans and of court-awarded compensation for injury, benefits and employer contributions are identical.

"All other" OLI

Directors' fees.—Nationally, about three-fourths of directors' fees occur in the finance, insurance, and real estate industries. For each SIC two-digit industry, the national estimates of directors' fees are allocated to States and counties in proportion to the estimates of wages and salaries.

Miscellaneous.—The remainder of OLI consists of judicial fees (mainly jury and witness fees) and compensation of prisoners. The combined national total of all miscellaneous segments is allocated to States and counties in proportion to the civilian population.

Proprietors' Income

PROPRIETORS' income is the income, including income-in-kind, of sole proprietorships and partnerships and of tax-exempt cooperatives. The imputed net rental income of owner-occupants of farm dwellings is included. Dividends and monetary interest received by proprietors of nonfinancial business and rental incomes received by persons who are not primarily engaged in the real estate business are excluded; these incomes are included in dividends, net interest, and rental income of persons. Proprietors' income, which is treated in its entirety as received by individuals, is estimated in two parts—nonfarm and farm.

As shown in the table C, proprietors' income accounted for more than 8.5 percent of total personal income at the national level in 1989.

Nationally, nonfarm proprietors' income is shown both with and without two adjustments: The inventory valuation adjustment (IVA) and the capital consumption adjustment (CCAdj). The measure with the IVA and CCAdj is the measure of current production. In the context of nonfarm proprietors' income, the IVA is needed because, under the accounting practices used by businesses to determine income as reported in the source data, inventories are often charged to cost of sales (withdrawn) at their acquisition cost rather than at their replacement cost; in periods of changing prices, this practice results in gains (or losses) on inventoried goods. The IVA is an estimate of the capital gain but with the opposite algebraic sign; that is, the IVA is an estimate of the difference between the cost of inventory withdrawals as valued in determining income and the cost of withdrawals valued at replacement cost. Thus, adding the IVA to nonfarm proprietors' income removes the capital gains, which is appropriate for a measure of current production. Analogously, the CCAdj is an estimate of the difference between depreciation as valued in determining income as reported in the source data and what is referred to as "economic" depreciation—depreciation on the basis of consistent accounting (uniform service lives and straight-line depreciation) and valued at replacement cost.[11] Neither adjustment is necessary for farm proprietors' income, because the estimates for inventory change and depreciation are derived from sources that value these items at replacement cost in a manner consistent with national economic accounting.

Table C.—Relative Importance to Total Personal Income of Proprietors' Income, by Component, United States, 1989

	Millions of dollars	Percent of total personal income
Total personal income	**4,367,401**	**100.00**
Proprietors' income [1]	**372,901**	**8.54**
Farm	42,219	.97
Nonfarm	330,682	7.57
Agricultural services, forestry, and fisheries	5,345	.12
Mining	4,903	.11
Construction	47,650	1.09
Manufacturing	8,145	.19
Transportation and public utilities	16,410	.38
Wholesale and retail trade	41,960	.96
Finance, insurance, and real estate	7,681	.18
Services	198,588	4.55
Business services	85,486	1.96
Professional and social services	113,102	2.59

NOTE.—Detail may not add to totals because of rounding.
1. Shown with inventory valuation and capital consumption adjustments.

Nonfarm proprietors' income

Nonfarm proprietors' income is the income received by nonfarm sole proprietorships and partnerships and by tax-exempt cooperatives. A sole proprietorship is an unincorporated business owned by a single individual. A partnership is an unincorporated business association of two or more partners. A tax-exempt cooperative is an unincorporated nonprofit business organization owned collectively by its members.

At both the State and county levels, the estimates of the income of nonfarm sole proprietorships and partnerships are based principally on data tabulated from their Federal tax returns for tax years 1981–83. The data were drawn from Internal Revenue Service (IRS) form 1065 (for partnerships) and Schedule C of form 1040 (for sole proprietorships). The data used for the estimates are tabulations of net profit less loss (NPLL) and of gross receipts, by SIC two-digit industry, from the two forms combined. The geographic coding of the data is by tax-filing address, thus reflecting predominantly the place of residence of the income recipients. In the absence of a place-of-work series, it is a BEA convention to present the State and county nonfarm proprietors' income estimates as if place of work and place of residence were identical.

The national estimates of nonfarm proprietors' income, which are also based on tax data, include several adjustments that cannot be replicated subnationally because the necessary source data are not available. These adjustments are the IVA, the CCAdj, a defaulters' gain adjustment, and an adjustment for income misreported on tax returns.[12] The last adjustment (see footnote 4) has accounted for about one-half of total nonfarm proprietors' income in recent years. In the State and county methodologies, the misreported income adjustment is estimated explicitly for some industries; however, for most industries, all four adjustments are reflected implicitly in the State and county estimates through their inclusion in the national totals that are allocated to States and to counties.

The State methodology (described in *State Personal Income* (see footnote 1)) and the county methodology are similar, but source data problems—which tend to be more acute for counties than for States—require that less direct source data be used more

11. For a more detailed discussion, see "The National Income and Product Accounts of the United States: Revised Estimates, 1929–74," SURVEY OF CURRENT BUSINESS 56 (January 1976): Part I; and Allan H. Young, "New Estimates of Capital Consumption Allowances in the Benchmark Revision of GNP," SURVEY 55 (October 1975): 14.

12. A business loan default, as distinguished from the business losses that may have led to it, has no effect on national income; it is a loss to the creditor that is offset by a gain attributed to the borrowing defaulter.

frequently for counties than for States. The NPLL data at the county level are highly volatile for many industries; this volatility indicates that these data are unreliable. The gross receipts data for manufacturing industries have also proved to be unreliable at the county level.

The estimates for 14 nonmanufacturing industries (out of a total of 64 SIC two-digit industries) together usually account for more than 80 percent of total nonfarm proprietors' income. The 1981–83 State estimates for these industries were allocated to counties in two pieces: (1) The estimates excluding the misreported income adjustment and (2) the estimates of the adjustment. The State estimates excluding the adjustment were allocated to counties in proportion to the distribution of NPLL.[13] However, NPLL is not an appropriate basis for the regional distribution of the misreported income adjustment, because NPLL is reduced by the tax evasion that the adjustment largely reflects. Therefore, gross receipts, a measure of the general level of activity of proprietors by industry and county, was used for the allocation of the adjustment. The State estimates for an additional 26 nonmanufacturing industries that together usually account for less than 15 percent of nonfarm proprietors' income were also allocated to counties in proportion to the gross receipts series. The 1983 county estimates for these 40 industries—except for two segments of health services—were extrapolated to 1984–87 by the relative change in the number of small firms by industry reported in *County Business Patterns*. The 1983 estimates for physicians and dentists were extrapolated to 1984–87 by the relative change in the number of nonhospital practitioners as reported in publications of the American Medical Association and the American Dental Association. The 1988–89 estimates for each of the 40 industries reflect the county distributions of the 1987 estimates.

In the absence of reliable direct data, the State estimates for each of the 21 manufacturing industries are allocated to counties in proportion to the estimates of wages and salaries for each industry. This methodology is admittedly weak; for example, it attributes too much income to counties with large manufacturing plants owned by corporations. However, the amount of proprietors' income in manufacturing is so small (in most years, less than 2 percent of the all-industry total) that no significant error is imparted either to the county earnings total for an industry or to county total nonfarm proprietors' income.

For the three remaining industries, limited partners' income presents a special estimating problem. In these industries—crude petroleum and natural gas extraction, real estate, and holding and other investment offices—limited partnerships are often used as tax shelters. Limited partners' participation in partnerships is often purely financial; their participation more closely resembles that of stockholder-investors than that of working partners. Accordingly, the usual assumption about residence—that the county from which the partnership files its tax return is the same as the residence of the partners—is unsatisfactory. No direct data on the income of these partners by their place of residence are available. The State estimates of proprietors' income for these industries are allocated to counties in the same proportion as dividends received by individuals (based on all-industry dividends reported on IRS form 1040). This procedure is essentially the same as that used to allocate the national estimates for these three industries to States. Collectively, the estimates of these industries, which accounted for −0.9 percent of nonfarm proprietors' income for the Nation in 1989, have little effect on county total nonfarm proprietors' income. (Negative estimates for real estate and investment offices more than offset the positive estimate for oil and gas extraction.) However, the State and county distribution imparted to these industries—which is independent of actual industrial activity—can have a substantial effect on the county earnings totals for these three industries.

The estimates of the net income of rural telephone and electric cooperatives are prepared separately from the remainder of their respective industries (communications and electric, gas, and sanitary services). The county estimates are based on the net margins (that is, profits) and the county distributions of the dwellings of customer-members of each cooperative as reported by the Rural Electrification Administration, U.S. Department of Agriculture (USDA). The net margin of each cooperative is allocated to counties by the distribution of its customer-members. The allocated amounts for the cooperatives are then summed to county totals by industry, which are used to allocate the State estimates of net income to counties.

The estimates of nonfarm proprietors' income are completed by adding adjustments for losses caused by disasters, such as hurricanes and riots. Information obtained from the Federal Emergency Management Agency is used to attribute the national adjustment for each disaster to the appropriate States and counties.

Farm proprietors' income

The estimation of farm proprietors' income starts with the computation of the realized net income of all farms, which is derived as farm gross receipts less production expenses. This measure is then modified to reflect current production through a change-in-inventory adjustment and to exclude the income of corporate farms and salaries paid to corporate officers. Tables showing the derivation of State and county farm proprietors' income in detail (see Appendix B of volume 1) are available from the Regional Economic Information System.

The concepts underlying the national and State BEA estimates of farm income are generally the same as those underlying the national and State farm income estimates of the USDA. The major definitional difference between the two sets of estimates relates to corporate farms. The USDA totals include net income of corporate farms, whereas the BEA personal income series, which measures farm proprietors' net income, by definition excludes corporate farms. Additionally, BEA classifies the salaries of officers of corporate farms as part of farm wages and salaries; USDA treats the corporate officers' salaries as returns to corporate ownership and as part of the total return to farm operators.

Further differences between the two sets of estimates relate to depreciation and to loan defaults. BEA adjusts USDA depreciation from a declining-balance basis to a straight-line basis to be consistent with BEA estimates for other industries. The defaulters' gain adjustment (see footnote 12) is added to USDA farm income in the derivation of BEA farm income.

The State control totals for the BEA county estimates of farm proprietors' income are taken from the component detail of the USDA State estimates, which are modified to reflect BEA definitions and to include interfarm intrastate sales.

The methods used to estimate farm proprietors' income at the county level rely heavily on data obtained from the 1974, 1978,

13. The 14 industries for which NPLL data are used are agricultural services, general building contractors, special trade contractors, motor freight and warehousing, wholesale trade, auto dealers, miscellaneous retailers, insurance agents, and 6 service industries (personal, business, auto repair, health, legal, and miscellaneous).

and 1982 censuses of agriculture and on selected annual county data prepared by the State offices affiliated with the National Agricultural Statistics Service (NASS), USDA. The NASS data are used, wherever possible, to interpolate and extrapolate to non-census years. In addition, data from other sources within USDA, such as the Agricultural Stabilization and Conservation Service, are used to prepare a fairly detailed income and expense statement covering all farms in each State and county (see Appendix B of volume 1).

For census years, BEA prepares county estimates of 46 components of gross income and 13 categories of production expenses. For intercensal and postcensus years, the component detail of the estimates for each State is adapted to take advantage of the best annual county data available for the State.

Farm gross income.—Gross income includes estimates for the following items: (1) The cash receipts from farm marketing of crops and livestock (in component detail); (2) the income from other farm-related activities, including recreational services, forest products, and custom-feeding services performed by farm operators; (3) the gain to farm operators from loan defaults; (4) the payments to farmers under several government payment programs; (5) the value of farm products produced and consumed on farms (called home consumption); (6) the gross rental value of farm dwellings; and (7) the value of the net change in the physical volume of farm inventories of crops and livestock.[14]

Cash receipts from marketing is the most important component of farm gross income. The USDA generally has annual production, marketing, and price data available for preparing the State estimates for about 150 different commodities. However, annual county estimates of cash receipts—usually for total crops and for total livestock—are currently available for only 19 States.[15] For the other States, the USDA State estimates of cash receipts from the marketing of individual commodities are summed into the 13 crop and 5 livestock groups for which value-of-sales data are reported by county in the censuses of agriculture. The aggregates for the census years are then allocated by the related census county distributions. Estimates for intercensal years are based on supplemental county estimates of annual production of selected field crops and on State season average prices available from the NASS State offices, or they are calculated by straight-line interpolation between the census years and adjusted to State USDA levels.

The county estimates of the income from other farm-related activities and of the adjustment for the gain from loan defaults are prepared jointly. The BEA State defaulters' gain estimates are based on farm loan chargeoff data from the Federal Reserve Board and the Farm Credit System. These estimates are summed with the USDA State estimates of the income from farm-related activities to derive a single set of State control totals, which are allocated to counties in proportion to census-of-agriculture data on the income from the farm-related activities.

Tabulations of total government payments to farmers by county are available from the Agricultural Stabilization and Conservation Service on an annual basis.

No direct information is available by county for estimating the imputed income items—value of home consumption and gross rental value of farm dwellings. The county estimates of home consumption are made using the distribution of the number of farms reported in the censuses of agriculture to allocate the State estimates to the counties. Gross rental value is estimated using the distribution of the census-reported value of farm land and buildings to allocate the State estimates.

The BEA and USDA estimates of total net farm income measure income from the current year's production. To arrive at this level, income is adjusted by the value of the net change during the year in farm inventories of livestock and crops held for sale. If farmers sell crops in the current year that were produced in prior years, cash receipts from marketing will overstate income from current production by the amount of sales from storage, the amount held in inventory will decline, and the value of the net change in inventories will be negative. Conversely, if farmers store more of current production than they sell from storage, cash receipts will understate income from current production, the amount held in inventory will rise, and the value of the net change in inventories will be positive. In either case, the inventory change adjustment yields a measure of farm income reflecting current production.

The value of the change in inventories by county is estimated for livestock and for crops. For those States reporting the number of cattle, swine, and sheep on farms by county on January 1, these data are incorporated into the allocating series used to distribute the State estimates of the change in livestock inventories. For the States for which livestock inventory data are unavailable, the county distribution of the number of livestock units on farms reported in the censuses of agriculture or interpolations between the census observations are used to allocate the annual State totals. This procedure is also used to prepare estimates of the value of the change in poultry inventories.

The value of the change in crop inventories is estimated by allocating the State totals to counties by annual crop production data from the NASS State offices, where available, or by census crop production data.

Production expenses.—Production expenses for a number of items are estimated by county using direct allocators from the censuses of agriculture.[16] Many expense items—including taxes, interest, and depreciation—are combined and then allocated on the basis of the "all other expenses" series reported in the 1974 Census of Agriculture but not in the 1978 and 1982 censuses. A set of provisional estimates of the major components of "all other expenses" was constructed for all 3 census years, based on indirect allocators drawn from the censuses. For example, depreciation and short-term interest were allocated by the value of machinery and equipment, and taxes and mortgage interest were allocated by the value of land and buildings. The 1974 county distribution of "all other expenses" was extended forward to 1978 and 1982 by the percentage changes in the county totals of the provisional estimates. The 1982 county distributions are used to allocate the State totals for each subsequent year.

Adjustments for interfarm intrastate transactions.—Intrastate sales and purchases between farms are offsetting income and ex-

14. Recreation services income is received for providing facilities for fishing, hunting, camping, etc.

15. The States for which county estimates of cash receipts are currently available are Alabama, Arizona, California, Colorado, Delaware, Hawaii, Illinois, Kansas, Kentucky, Missouri, Nebraska, New Mexico, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Utah, and Wisconsin.

16. The following are the expense items: Purchases of feed, livestock and poultry, seed, fertilizer, agricultural chemicals and lime, and petroleum products; cash wages, perquisites, and contract labor expenses; machine hire and custom work; animal health costs; and all other expenses (mainly "overhead" items, such as taxes, mortgage interest, electricity, telephone, and depreciation).

pense items when State estimates are aggregated; consequently, the USDA excludes these transactions in its estimates of the cash receipts from marketing livestock and the expenses for livestock purchased. However, such transactions may not necessarily be intracounty transactions; therefore, BEA estimates such transactions and distributes them among counties by two different allocators. Income is allocated by cash receipts for livestock, and expenses are allocated by value of livestock purchased.

Adjustment to exclude the income of corporate farms.—By definition, farm proprietors' income includes only the net farm income accruing to proprietorships and partnerships. The foregoing procedures produce a measure of the net farm income of all farms; therefore, an adjustment is made to exclude the net farm income of corporate farms (including officers' salaries). The adjustment, made for each county where appropriate, is based on the ratio of noncorporate farm acreage to total farm acreage reported in the censuses of agriculture. The adjustment ratio is multiplied by the estimate of the net income of all farms to derive the initial estimate of farm proprietors' income for each county. The final county estimates of farm proprietors' income are prepared by allocating the State estimates in proportion to the initial county estimates.

Personal Dividend Income, Personal Interest Income, and Rental Income of Persons

DIVIDENDS are payments in cash or other assets, excluding stock, by corporations organized for profit to noncorporate stockholders who are U.S. residents. Interest is the monetary and imputed interest income of persons from all sources. Imputed interest represents the excess of income received by financial intermediaries from funds entrusted to them by persons over income disbursed by these intermediaries to persons. Part of imputed interest reflects the value of financial services rendered without charge to persons by depository institutions. The remainder is the property income held by life insurance companies and private noninsured pension funds on the account of persons; one example is the additions to policyholder reserves held by life insurance companies.

Rental income of persons (with capital consumption adjustment (CCAdj)) consists of the monetary income of persons (except those primarily engaged in the real estate business) from the rental of real property (including mobile homes); the royalties received by persons from patents, copyrights, and rights to natural resources; and the imputed net rental income of owner-occupants of nonfarm dwellings. The CCAdj is discussed in the prefatory statement of the proprietors' income section.

As shown in table D, dividends, interest, and rent accounted for more than 17 percent of total personal income in 1989.

Personal dividend income and personal interest income

The State and county estimates of dividends and monetary interest, except for the interest from municipal bonds, are based on the Internal Revenue Service (IRS) Individual Master File (IMF) tabulations of dividends and interest reported on individual income tax returns.[17] The estimates of interest paid by money market mutual funds, reported to the IRS as dividends, are based on the IMF dividends distribution. The estimates of interest and dividends for the years through 1987 are based directly on the IMF tabulations for those years. The estimates for 1988 and 1989 are based on the 1987 IMF data, which are the most current data available. The 1988 and 1989 estimates will be revised when more current IMF data become available. The estimates of interest from municipal bonds are based on the State and county distributions of the number of high-income families and individuals from the 1980 Census of Population.

The State estimates of the imputed interest from private noninsured pension funds are based on estimated employer contributions to private pension funds by State of employee residence. The county estimates are prepared by allocating the State estimates in proportion to taxable monetary interest. Both the State and county estimates of all other imputed interest reflect the geographic distribution of taxable monetary interest.

Rental income of persons

Monetary rent.—The rental income component of personal income is a net measure of rent. State-level data for the net rental income of persons are available from the IRS; however these data are subject to large sampling errors for the less populous States, and the sum of these State data accounts for only 25 percent (or less) of the national BEA estimate of monetary rent. Although the IMF tabulations include only gross rent, they are prepared from the entire file of individual income tax returns, and therefore, they are not subject to sampling error. The national estimates of monetary rent, inclusive of the CCAdj, are allocated to States and counties in proportion to gross rent reported in the IMF county tabulations. Adjustments are made to reflect decreases in rental income that result from damage to real estate caused by disasters, such as hurricanes and riots. These adjustments are based on data obtained from the Federal Emergency Management Agency.

Royalties.—The State estimates of royalties are based on the State distribution of royalties reported in the IRS series *Statistics of Income*. Because data on the county distribution of royalties

17. The State estimates of dividends and monetary interest are made for receipts by individuals, receipts by nonprofit institutions, and receipts by fiduciaries. The IMF data are used only for receipts by individuals. The county estimates are made for these items combined.

Table D.—Relative Importance to Total Personal Income of Personal Dividend Income, Personal Interest Income, and Rental Income of Persons, by Component, United States, 1989

	Millions of dollars	Percent of total personal income
Total personal income	**4,367,401**	**100.00**
Personal dividend income, personal interest income, and rental income of persons	**765,847**	**17.54**
Personal dividend income	114,434	2.62
Personal interest income	643,167	14.73
Monetary	390,970	8.95
Imputed	252,197	5.77
Rental income of persons [1]	8,246	.19
Monetary	35,678	.82
Imputed	−27,432	−.63

NOTE.—Detail may not add to totals because of rounding.
1. Shown with the capital consumption adjustment.

are not available, the State totals are allocated by the county estimates of monetary interest.

Imputed rent.—State and county estimates of nonfarm imputed net rent are prepared in two parts: Owner-occupied mobile homes and all other owner-occupied nonfarm dwellings. (Imputed rent for farm dwellings is classified with farm proprietors' income.)

State and county estimates of imputed rent for owner-occupied mobile homes are made by allocating the national total, inclusive of the CCAdj, for each year by the geographic distribution of the number of mobile homes and trailers reported in the 1980 Census of Housing. (The proportion of trailers to mobile homes is too small to affect the distribution.)

County estimates of imputed rent for all other owner-occupied dwellings are prepared by allocating the State totals, inclusive of the CCAdj, by the estimated market value of owner-occupied, single-family nonfarm dwellings. The estimated market value was derived separately for each county as the product of the number of owner-occupied, single-family nonfarm dwellings and the related median value reported in the 1980 Census of Housing. The State-level methodology is a similar allocation of the national total, but it also includes data for census regions from the biennial American Housing Survey, available most recently for 1987.

As is the case with the estimates of monetary rent, the State and county estimates of imputed rent reflect adjustments for major disasters.

Transfer Payments

TRANSFER payments are payments to persons, generally in monetary form, for which they do not render current services. As a component of personal income, they are payments by government and business to individuals and nonprofit institutions. (Transfer payments from foreigners are netted against similar transfers to foreigners and entered in the national income and product accounts as part of personal outlays.) At the county level, approximately 75 percent of total transfer payments are estimated on the basis of directly reported data. The remaining 25 percent are estimated on the basis of indirect, but generally reliable, data.

As shown in table E, transfer payments accounted for almost 15 percent of total personal income at the national level in 1989. For the county estimates, approximately 50 subcomponents of transfer payments are independently estimated. For organizational convenience, they may be cross-classified by source—government or business—and by type of recipient. Table E shows three major classifications: Government payments to individuals, payments to nonprofit institutions from both government and business, and business payments to individuals; it also shows the estimates for about 30 subclassifications (major subcomponents or groups of smaller subcomponents) that make up these major classifications. In addition, table E shows the relative importance of each item to total personal income. A table similar to table E—with data for 1969–89 but without percent of total personal income—is available for all States and counties from the Regional Economic Information System (see Appendix B of volume 1).

This section is arranged to follow the order in table E. It briefly explains each estimated item of transfer payments and describes how it is estimated for the county personal income series.

Government Payments to Individuals

Retirement and disability insurance benefit payments

Old-age, survivors, and disability insurance (OASDI) payments.—These payments, popularly known as social security, consist of the total cash benefits paid during the year, including monthly benefits paid to retired workers, dependents, and survivors and special payments to persons 72 years of age and over; lump-sum payments to survivors; and disability payments to workers and their dependents. The State estimates of each OASDI segment are based on Social Security Administration (SSA) tabulations of calendar year payments. The county estimates of total OASDI benefits are based on SSA tabulations of the amount of monthly benefits paid to those in current-payment status on December 31, by county of residence of the beneficiaries.

Table E.—Relative Importance to Total Personal Income of Transfer Payments, by Component, United States, 1989

	Millions of dollars	Percent of total personal income
Total personal income	**4,367,401**	**100.00**
Transfer payments	**637,134**	**14.59**
Government payments to individuals	592,968	13.58
Retirement and disability insurance benefit payments	334,810	7.67
Old-age, survivors, and disability insurance payments	227,348	5.21
Railroad retirement and disability payments	6,956	.16
Federal civilian employees retirement payments	29,882	.68
Military retirement payments	20,682	.47
State and local government employee retirement payments	39,530	.91
Workers' compensation benefits	7,067	.16
Other government disability insurance payments [1]	3,345	.08
Medical payments [2]	164,962	3.78
Income maintenance benefit payments	54,253	1.24
Supplemental security income (SSI) payments	14,949	.34
Aid to families with dependent children	17,958	.41
Food stamps	12,191	.28
Other income maintenance [3]	9,155	.21
Unemployment insurance benefit payments	14,838	.34
State unemployment compensation	14,314	.33
Unemployment compensation of Federal civilian employees	188	0
Unemployment compensation of railroad employees	91	0
Unemployment compensation of veterans	107	0
Other unemployment compensation [4]	138	0
Veterans benefit payments	17,203	.39
Veterans pension and disability benefit payments	14,791	.34
Educational assistance to veterans, dependents, and survivors [5]	527	.01
Veterans life insurance benefit payments	1,846	.04
Other assistance to veterans [6]	39	0
Federal education and training assistance payments (other than for veterans) [7]	5,938	.14
Other government payments to individuals [8]	964	.02
Payments to nonprofit institutions	19,560	.45
Federal Government payments	4,071	.09
State and local government payments [9]	7,698	.18
Business payments	7,791	.18
Business payments to individuals [10]	24,606	.56

NOTE.—Detail may not add to totals because of rounding.

1. Includes temporary disability payments and black lung disability payments.
2. Consists of medicare payments, medical vendor payments, and CHAMPUS payments.
3. Consists of general assistance, emergency assistance, foster care payments, earned income tax credits, and low-income energy assistance.
4. Includes trade adjustment assistance payments.
5. Includes veterans readjustment benefit payments and educational assistance to spouses and children of disabled or deceased veterans.
6. Includes payments to paraplegics, payments for autos and other conveyances for disabled veterans, veterans aid, and veterans bonuses.
7. Includes Federal fellowship payments (National Science Foundation fellowships and traineeships, subsistence payments to State maritime academy cadets, and other Federal fellowships), interest payments on guaranteed student loans, higher education student assistance, and Job Corps payments.
8. Consists of Bureau of Indian Affairs payments, education exchange payments, compensation of survivors of public safety officers, compensation of victims of crime, compensation of victims of Hurricane Hugo and the Loma Prieta Earthquake, and Alaska Permanent Fund payments.
9. Consists of foster care payments to institutions, educational assistance payments, and payments for employment and training.
10. Consists of auto liability payments for personal injury, medical malpractice liability payments, railroad and miscellaneous liability payments, consumer bad debts, cash prizes, losses due to forgery and to unrecovered thefts from business, and pension benefits guaranteed by the revolving fund of the Pension Benefit Guarantee Corporation.

Railroad retirement and disability payments.—This item represents payments to retired and disabled railroad employees and their survivors under the provisions of the Railroad Retirement Act of 1937. The State and county estimates are based on tabulations of the benefits disbursed by the Railroad Retirement Board.

Federal civilian employee retirement and disability payments.—This component consists of payments made to former Federal Government employees or survivors of employees covered by the civil service retirement and disability fund, by special contributory and noncontributory retirement systems (for example, for the Foreign Service, Federal Reserve Board, and Tennessee Valley Authority), or by the Basic Benefit Plan of the Federal Employees Retirement System (established in 1987). The national estimate for all these systems combined is allocated to States and counties in proportion to 1 month's payments data provided each year by the Office of Personnel Management. The data used for the county allocation are tabulations by ZIP Code area, which are summed to counties by BEA.

Military retirement payments.—This component reflects the payments received by retired military personnel, including Coast Guard retirees. The national estimate for all services combined is allocated to States and counties in proportion to 1 month's payments data provided each year by the Department of Defense. The data used for the county allocation are tabulations by ZIP Code area, which are summed to counties by BEA.

State and local government employee retirement payments.—Retirement payments to former State and local government employees and their survivors, including lump-sum payments and withdrawals, now represents a larger share of personal income than retirement payments to former Federal civilian employees and their survivors. In the absence of payments data below the State level, the State estimates are allocated to counties in proportion to the estimates of State and local government wage and salary disbursements adjusted to a place-of-residence basis.

Workers' compensation payments.—Benefit payments from publicly administered workers' compensation insurance are from both the Federal and State levels of government. Federal Government employees are covered under the Federal Employees Compensation Act administered by the Employment Standards Administration, Department of Labor. In the absence of payments data for local areas, State totals are allocated to counties in proportion to the estimates of Federal civilian wages and salaries adjusted to a place-of-residence basis.

Benefit payments made from State-administered workers' compensation funds to both public and private employees include payments made in States where workers' compensation insurance is exclusively State administered, in States where State-administered insurance for workers' compensation is competitive with private insurance, and in States having second-injury funds.[18] Benefit payments disbursed from State workers' compensation funds are published in the Census Bureau's annual *State Government Finances* on a State-of-work basis only. BEA adjusts these data to a place-of-residence basis for the allocation of the national estimates to States. In the absence of direct data for local areas, the State totals are allocated to counties by the sum of the estimates of private and State and local government wages and salaries adjusted to a place-of-residence basis.

Other government disability insurance payments.—This category consists of temporary disability payments and black lung payments.

Temporary disability payments are weekly cash benefits from State-administered programs paid to workers who are unemployed because of nonoccupational illness or accident. Such programs are in effect in only four States: California, New Jersey, New York, and Rhode Island. County estimates of benefit payments are made by allocating the State totals to counties in proportion to the distribution of the civilian population.

Black lung payments are the monthly cash payments authorized by the Federal Mine Safety and Health Act of 1969 and paid to coal miners who are totally disabled by black lung disease (pneumoconiosis). Payments are also made to eligible survivors of miners whose deaths were caused by the disease. Persons whose eligibility was established before July 1973 receive their benefits from SSA; those whose eligibility was established later receive benefits from the Department of Labor. Both agencies provide payments data at the State level, but only the SSA provides county-level data. The State estimates of all payments are allocated to counties in proportion to annual SSA tabulations of benefit payments for June.

Medical payments

Medicare payments.—These are Federal Government payments made through intermediaries for care provided to individuals under the provisions of the medicare program. County estimates of benefits received under the hospital insurance and supplementary medical insurance provisions of medicare are based on the dollar amounts paid as reimbursement for hospital and medical expenses as reported by the Health Care Financing Administration. Because these data lag, the State and county estimates for the most recent year reflect the previous year's distribution.

Medical vendor payments.—These are mainly payments made through intermediaries for care provided to individuals under the federally assisted State-administered medicaid program. Payments made under the general assistance medical programs of State and local governments are also included. The county estimates are based on available payments data from the various State departments of social services. For States where no county data are available, the county estimates are based on the distribution of payments made under the aid to families with dependent children program.

CHAMPUS payments.—These are payments made under the Civilian Health and Medical Plan of the Uniformed Services (CHAMPUS) program for the medical treatment of dependents of active duty military personnel and retired military personnel and their dependents. Only treatment at nonmilitary medical facilities is covered. Payments data are not available below the State level; the county estimates are based on the distribution of military retirement payments.

18. Second-injury funds underwrite the risk of a subsequent work-related injury to an already handicapped worker. The liability of the employer of a handicapped worker is limited to the impairment resulting from the injury sustained during the present employment. The difference between compensation for the full impairment and the employer's liability is paid out of the second-injury fund.

Income maintenance benefit payments

Supplemental security income (SSI) payments.—This component consists of payments to the aged, blind, and disabled by both the Federal and State governments under the provisions of Title XVI of the Social Security Act. The State estimates are based on SSA State tabulations of annual disbursements for two categories of SSI benefits: Basic Federal payments and supplemental State payments. At the county level, the estimates are based on payments data reported by the SSA.

Aid to families with dependent children (AFDC).—This State-administered program receives Federal matching funds to provide payments to needy families. The State estimates are based on unpublished quarterly payments data provided by the SSA. The county estimates are prepared from payments data provided by the various State departments of social services.

Food stamps.—These benefits are measured as the value of the food stamps issued to qualifying low-income households to supplement their power to purchase food. Eligibility is determined by the State authorities' interpretation of Federal regulations; the Department of Agriculture pays 100 percent of the cost of the stamps and 50 percent of the administrative expenses. The State and county estimates are based on Department of Agriculture county tabulations of the value of the distributed stamps.

Other income maintenance payments.—These are payments for general assistance, emergency assistance, foster home care, earned income tax credits, and energy assistance.

General assistance is aid furnished by State or local governments to low-income individuals or families who do not qualify for help under federally supported programs. The Federal Government does not participate in either funding or regulating this program. The State and county estimates for all years are prepared from payments data provided by the various State departments of social services.

Emergency assistance is a program extending assistance to families with at least one child who are not covered by AFDC. Each family is eligible only once every 12 months, and the coverage is for a maximum of 30 days. The program is optional for each State; currently, about one-half of the States have these programs. The State estimates are based on unpublished data provided by the SSA. County payments data, available from the various State departments of social services, form the basis for the county estimates in most of the States providing emergency assistance. For the other States, the State totals are allocated to counties in proportion to the distribution of general assistance payments.

Foster care payments are made by State and local governments to families caring for foster children. The State estimates are allocated to counties in proportion to the civilian population.

Earned income tax credit, which may be claimed by low-income workers with minor children, is measured as a transfer payment component as the excess of the tax credit over the Federal income tax liability. Eligibility for the tax credit is determined by the size of the adjusted gross income or earned income and by certain household characteristics. The State estimates are derived from IRS tabulations of the amount of payments disbursed to the residents of each State. Similar data are not available for local areas. County estimates are made by allocating the State estimates by county distributions derived from the 1980 census data on earnings of families in poverty status.

Energy assistance payments provide both cash payments to needy households and vendor payments to suppliers to help defray the cost of home heating, cooling, and weatherization. The energy assistance programs are federally funded but are administered by the States. The State estimates are based on payments data published by the SSA. The county estimates are based on energy assistance payments as reported by the various State departments of social services or, for States not providing such reports, on the county distribution of SSI enrollment.

Unemployment insurance benefit payments

State unemployment compensation.—These are the cash benefits, including special benefits authorized by Federal legislation for periods of high unemployment, from State-administered unemployment insurance (UI) programs. (The State-administered Federal unemployment compensation programs for Federal civilian employees and for veterans are treated separately because local area payments data for these programs are either reported separately by the State employment security agencies (ESA's) or are not available.) The provisions governing the eligibility, timing, and amount of benefit payments vary among the States. Federal standards for benefits were not incorporated into the Federal-State system as they were for coverage and financing. State totals are allocated to counties by payments data supplied by the State ESA's. Most States report benefits directly by county, but a few report by local district office. In the latter case, local district office data are distributed among the counties within the jurisdiction of the local district office in proportion to the annual average number of unemployed persons estimated by the Bureau of Labor Statistics (BLS). When the State is unable to supply the county data in time to meet the publication deadline, a preliminary set of estimates is made and is revised the following year to incorporate the delayed county data. The preliminary county estimates are prepared by extrapolating the preceding year's estimates forward by the change in the BLS estimate of the annual average number of unemployed persons.

Unemployment compensation of Federal civilian employees.—The UI program for Federal employees is a Federal program administered by the State ESA's acting as agents of the U.S. Government. The ESA's in all States supply State data on unemployment compensation paid to Federal employees, and the ESA's in about one-half of the States now supply either county or local district office data. For the States that supply county data, these data are used to allocate State totals; for the States that supply local district office data, these data are distributed to the counties using the procedure outlined in the preceding section on State UI benefits. For the remaining States, BEA residence-adjusted estimates of Federal civilian payrolls are used as county allocators.

Unemployment compensation of railroad employees.—The railroad UI program is administered by the Railroad Retirement Board (RRB). Under a Federal formula applicable throughout the Nation, benefits are paid to railroad workers unemployed because of sickness or lack of available work. The State estimates are based on payments data provided by the RRB. The county estimates are made by allocating the State totals in proportion to the distribution of railroad wages and salaries.

Unemployment compensation of veterans.—County or local district office data on benefit payments under this program are

available from the ESA's in about one-half of the States. These data are incorporated into the estimates using procedures similar to those described for State UI payments. For States not providing these data, the State estimates, which are based on payments data, are allocated to counties in proportion to the total veteran population.[19]

Trade adjustment allowances.—These are payments to workers who are unemployed because of the adverse economic effects of international trade arrangements. State and county estimates are based on calendar year payments data tabulated by "petition" (location of plant). The tabulations are supplied by the Department of Labor, which administers the program. They are residence adjusted by BEA to approximate a geographic distribution based on place of receipt.

Veterans benefit payments

Veterans pension and disability benefit payments.—This item consists primarily of compensation to veterans for their disabilities and payments to their survivors (including indemnity payments to survivors of veterans who were in the Armed Forces on or after June 27, 1950). The veterans of all wars and those with service-connected disabilities in peacetime are eligible for benefits. Veterans with nonservice-connected disabilities who are permanently and totally disabled and who meet specified income requirements are also eligible for benefits. The county estimates are prepared by allocating the State estimates by payments data provided by the Department of Veterans Affairs (DVA).

Educational assistance to veterans, dependents, and survivors.—Educational assistance to veterans, referred to as "veterans' readjustment benefits," are the educational allowances and subsistence payments made to veterans who served between January 31, 1955, and January 1, 1977. County estimates are made by allocating the State totals, which are based on DVA payments data, in proportion to the distribution of the veterans of the post-Korean-war period as reported by the DVA.

In the absence of any direct data or of reliable indirect data at the county level, the State totals of educational assistance to spouses and children of disabled or deceased veterans, which are based on DVA payments data, are allocated to counties in proportion to the civilian population.

Veterans life insurance benefit payments.—These are the claims paid to beneficiaries and the dividends paid to policyholders from the five veterans life insurance programs administered by the DVA. The county allocations of the combined payments of death benefits and dividends are based on the distribution of the veteran population.

Other assistance to veterans.—County estimates of DVA payments to paraplegics and to disabled veterans for automobiles and other conveyances are based on the distribution of the veteran population. State and local government payments in the forms of assistance to indigent veterans and of bonuses to veterans are estimated by using the distribution of veterans of the post-Korean-war period to allocate the State totals, which are based on fiscal year data from the Census Bureau's annual *State Government Finances*, to the counties.

19. The Department of Veterans Affairs periodically issues reports on the number of veterans by place of residence and by period of service (broadly classified as World War I, World War II, the Korean war, etc.). BEA estimates the veteran population between the benchmark county distributions by using straight-line interpolation.

Federal education and training assistance payments

Federal fellowship payments.—This subcomponent measures only the small portion of a fellowship that is paid directly to the individual. The large portion that is paid directly to the school is classified as a transfer payment to a nonprofit institution if the school is privately administered or as a government grant-in-aid if the school is publicly administered.

Estimates are made for the National Science Foundation (NSF) grants to outstanding science students, for payments to State maritime academy cadets, and for all other Federal fellowships. Estimates of the NSF grants are prepared from annual NSF tabulations of the number of students receiving NSF fellowships by institution. The series for distributing the national estimates to States and counties are constructed by classifying the institutions by county and by summing the number of recipients to State and county aggregates. The county estimates of the Federal Government subsistence payments to cadets attending the six State maritime academies authorized by the Maritime Academy Act of 1958 are made by assigning State estimates, which are based on direct data, to the county in which each school is located. Because of the lack of direct data, the State and county allocations of all other Federal fellowships are based on the distribution of the civilian population.

Interest payments on guaranteed student loans.—These are the payments to commercial lending institutions on behalf of individuals who receive low-interest deferred-payment loans from these institutions to pay the expenses of higher education. The State estimates are based on Department of Education data on the number of persons enrolled in institutions of higher education. The county allocations are based on the distribution of the civilian population.

Higher education student assistance.—These Federal payments, called Pell grants, provide support for the undergraduate education of persons with low incomes. The State and county estimates of payments made under the program are based on tabulations of annual county payments, by location of institution, prepared by the Department of Education.

Job Corps payments.—These are the monthly payments for the living expenses of economically disadvantaged persons between the ages of 16 and 21 who are enrolled in designated vocational and educational training programs. This category also includes adjustment allowances issued to trainees upon the successful completion of their training. The State estimates are based on Employment and Training Administration calendar year tabulations of the amount of allowances and allotments disbursed to Job Corps enrollees. The county allocations are based on the distribution of the civilian population.

Other government payments to individuals

Compensation of survivors of public safety officers.—These are benefits from a Federal program that compensates the survivors of State and local government employees, such as police officers and fire fighters, killed in the line of duty. Through 1987, the benefit payment was a lump sum of $50,000 for each claim. In 1988, the payment was $100,000, and in 1989, it was $100,000 plus an allowance for the increase in consumer prices since 1988. Tabulations of the number of claims by city and State are avail-

able from the Department of Justice. The tabulations are used to allocate the national totals to States and counties.

Compensation of victims of crime.—These are payments made either to crime victims or to vendors on behalf of crime victims under various State programs. Currently, about three-fourths of the States have instituted such programs, and the number is increasing. The State estimates of total compensation are based on information gathered and provided by the Crime Victims Board of the New York State Executive Department. The county allocations are based on the distribution of the civilian population.

Alaska Permanent Fund payments.—These are disbursements of dividends and interest to residents of Alaska from the Alaska Permanent Fund. The fund, which is derived from oil revenues, pays a portion of its net investment income to every Alaskan resident. The State estimate is based on the actual amounts paid that are supplied by the State. The borough and census area allocations are based on the distribution of the civilian population.

Disaster relief payments.—These are payments to the victims of disasters, such as hurricanes and riots. The estimates for 1989 reflect relief payments made to the victims of Hurricane Hugo and of the Loma Prieta earthquake. The State and county estimates are based on data provided by the Federal Emergency Management Agency.

Other miscellaneous assistance payments.—These are benefit payments from the Federal educational exchange programs and from selected programs of the Bureau of Indian Affairs, Department of the Interior. In the absence of any direct data or of reliable indirect data, the county allocations of educational exchange payments are based on the total civilian population, and those of the other payments, on the distribution of the Indian population.

Payments to Nonprofit Institutions

These are payments made by Federal, State, and local governments and by business (corporate gifts) to nonprofit institutions. Federal Government payments for work under research and development contracts are excluded. The State and local government portion includes payments for foster home care supervised by private agencies. No data for estimating payments to nonprofit institutions at the county level are available; the State estimates are allocated to counties in proportion to the civilian population.

Business Payments to Individuals

These payments consist of personal-injury liability payments to individuals other than employees, consumer bad debts (that is, defaults by consumers on debts owed to business), cash prizes, unrecovered losses of cash and capital assets due to thefts from business, and pension benefits financed by the revolving fund of the Pension Benefit Guarantee Corporation.

The availability of data for estimating these items at all three levels (national, State, and county) is extremely limited. The national estimates are of varying quality, and the validity of the estimates below the national level is questionable. However, except for liability payments and consumer bad debts, the amounts involved are so small that their effect on the reliability of the transfer payments component of personal income is negligible.

The State and county allocations of business payments to individuals except for consumer bad debts are based on the distribution of the civilian population. State estimates of consumer bad debts are made for retail trade, for selected services, for commercial banks, and for all other businesses combined. County estimates are made only for total consumer bad debts because of the limited availability of county data. The county allocations are based on the distribution of retail sales reported in the 1982 Census of Retail Trade.

Personal Contributions for Social Insurance

PERSONAL contributions for social insurance are the contributions made by individuals under the various social insurance programs. These contributions are excluded from personal income by treating them as explicit deductions. Payments by employees and the self-employed (farm and nonfarm) are included in this component. Also included are the contributions that are sometimes made by employers on behalf of their employees (that is, those customarily made by the employee that, under special arrangement, are made by the employer). These contributions, although viewed as part of total earnings of employees, are not actually received by them. In the national economic accounts, they are recorded as receipts of social insurance funds in the government sector.

The employee portion covers contributions for old-age, survivors, and disability insurance (OASDI); hospital insurance (HI); State unemployment insurance (UI); railroad retirement insurance, temporary disability insurance; and Federal, State, and local government employee retirement systems. Contributions by the self-employed are made for OASDI and HI. Personal contributions also include premium payments for supplementary medical insurance (SMI) and veterans life insurance. Government life insurance for veterans is classified as social insurance because the insurance program operates through a fund administered by the Federal Government. In contrast, government life insurance for Federal civilian employees is classified as a component of other labor income (employer contributions to pri-

Table F.—Relative Importance to Total Personal Income of Personal Contributions for Social Insurance, by Component, United States, 1989*

	Millions of dollars	Percent of total personal income
Total personal income [1]	**4,367,401**	**100.00**
***Less:* Personal contributions for social insurance**	**212,117**	**4.86**
Contributions to old-age, survivors, disability, and hospital insurance	177,164	4.06
Employee contributions	158,523	3.63
Self-employed contributions	18,641	.43
Supplementary medical insurance contributions	12,805	.29
Federal civilian employee retirement contributions	4,367	.10
Railroad employee retirement contributions	1,163	.03
State and local government employee retirement contributions	13,156	.30
Veterans life insurance contributions	800	.02
State unemployment insurance and temporary disability contributions	2,662	.06

* Although personal contributions for social insurance are a deduction to arrive at personal income, the dollar amount and the percentages in this table are shown as absolute values to give an indication of the size of the personal contributions components being estimated.

NOTE.—Detail may not add to totals because of rounding.

1. This total is as shown in Tables A-E, that is, total personal income is shown as the sum of the personal income components in those tables less personal contributions for social insurance.

vate welfare funds) because the program operates through private insurance carriers.

For self-employed individuals, contributions are paid along with their Federal income taxes. For employees, contributions to most social insurance programs are collected similarly to individual income taxes on wages and salaries; both the income taxes and the contributions are withheld at the source of disbursement. However, such taxes, unlike contributions, are counted as part of personal income—that is, as though they were first received by the employee and then paid to the government. This treatment of taxes is consistent with the overall definition of personal income as a before-tax measure. Admittedly, the difference in treatment accorded withheld taxes and social insurance contributions is arguable.

The State estimates of personal contributions for OASDI and HI made by civilians, for State and local government employee retirement, and for State UI and temporary disability insurance are based on direct data. The State estimates for all other personal contributions, including contributions for OASDI and HI made by military personnel, are based on pertinent indirect data. No direct data for personal contributions are available at the county level. In general, the State totals are allocated to counties by the appropriate wage and salary or proprietors' income series. The following are exceptions to this general procedure: SMI payments are allocated by Health Care Financing Administration tabulations of the number of persons enrolled in the program; contributions for veterans life insurance, by the veteran population; and contributions made to State UI and temporary disability programs (applicable in only a few States), by the civilian population.

Residence Adjustment

PERSONAL income is a "place-of-residence" measure of income, but the source data for the components that compose more than 60 percent of personal income are recorded by place of work. The adjustment of the estimates of these components to a place-of-residence basis is the subject of this section.

At the national level, place of residence is an issue only for border workers (mainly those living in the United States and working in Canada or Mexico and vice versa). At the State and county levels, the issue of place of residence is more significant.[20] Individuals commuting to work between States are a major factor where metropolitan areas extend across State boundaries—for example, the Washington, DC-MD-VA MSA. Individual commuting between counties are a major factor in every multicounty metropolitan area and in many nonmetropolitan areas.

BEA's concept of residence as it relates to personal income refers to where the income to be measured is received rather than to "usual," "permanent," or "legal" residence. It differs from the Census Bureau's concept mainly in the treatment of migrant workers. The decennial census counts many of these workers at their usual place of residence rather than where they are on April 1 when the census is taken. BEA assigns the wages of these workers to the area in which they reside while performing the work.[21] Similarly, BEA assigns the income of military personnel to the county in which they reside while on military assignment, not to the county in which they consider themselves to be permanent or legal residents. Thus, in the State and local area personal income series, the income of military personnel on foreign assignment is excluded because their residence is outside of the territorial limits of the United States.

Three of the six major components of personal income are recorded, or are treated as if recorded, on a place-of-residence (where-received) basis. They are transfer payments; personal dividend income, personal interest income, and rental income of persons; and proprietors' income. Nonfarm proprietors' income is treated as income recorded on a place-of-residence basis because the source data for almost all of this part of proprietors' income are reported to the IRS by tax-filing address, which is usually the filer's place of residence. The source data for farm proprietors' income are recorded by place of production, which is usually in the same county as the proprietor's place of residence.

The remaining three major components—wages and salaries, other labor income (OLI), and personal contributions for social insurance—are estimated, with minor exceptions, from data that are recorded by place of work (point of disbursement). (The exceptions are wage and salary disbursements and OLI of religious membership organizations, military reserve pay, personal contributions for veterans life insurance and for supplemental medical insurance, and contributions by the self-employed for old-age, survivors, and disability insurance (OASDI) and hospital insurance (HI).) Accordingly, adjustments are made to convert the place-of-work components to a place-of-residence basis. The sum of these components (wages plus OLI minus contributions) is referred to as "income subject to adjustment" (ISA).

Residence adjustment procedure (excluding border workers)

The county residence adjustment estimates for 1981 and later years are based on those for 1980. The estimation of these adjustments can be more readily understood using the example of a two-county area comprising counties X and Y. The two-county example is easily generalized to more complex situations.

For 1980, the initial residence adjustment estimate for county X (RA_x) was calculated as total 1980 inflows of earnings to X from Y (IN_x) minus total 1980 outflows of earnings from X to Y (OUT_x):

$$RA_x = IN_x - OUT_x.$$

The estimates of IN_x and OUT_x were prepared from industry-level data. The share (i_x) of total wages or OLI in a particular industry in Y that was earned by residents of X was used in the estimation of industry-level inflows to X. Analogously, the share (o_x) of wages or OLI in a particular industry in X that was earned by residents of Y was used in the estimation of industry-level outflows from X. Both i_x and o_x were calculated from journey-to-work (JTW) data from the 1980 Census of Population on the number of wage and salary workers (w) and on their average

20. The meaning of "resident" in the context of measuring personal income refers not only to individuals but also to quasi-individuals. For the State and local area personal income estimates, the "residence" of a nonprofit institution serving individuals, a private noninsured welfare fund, or a private trust fund is considered to be identical to that of its beneficiaries because the income received by these entities is received on behalf of individuals.

21. The convention of assigning the wages of seasonal migrant workers to the area of their employment is not observed for out-of-State workers in Alaska and for selected groups of border workers. The wages of these workers are assigned to their permanent place of residence.

earnings (e) by county of work for each county of residence:[22]

$$i_x = \frac{\text{income earned in Y by residents of X}}{\text{total income earned in Y}} = \frac{w_{x,y} \times e_{x,y}}{(w_{x,y} \times e_{x,y}) + (w_{y,y} \times e_{y,y})}$$

$$o_x = \frac{\text{income earned in X by residents of Y}}{\text{total income earned in X}} = \frac{w_{y,x} \times e_{y,x}}{(w_{y,x} \times e_{y,x}) + (w_{x,x} \times e_{x,x})}.$$

(Where two subscripts are used, the first identifies place of residence, and the second identifies place of work. For example, $w_{x,y}$ is the number of workers in a particular industry who lived in X but worked in Y.)

Industry-level inflows to county X from county Y (in_x) were derived by multiplying the inflow ratio by the income subject to adjustment in the particular industry in Y (isa_y); industry-level outflows from X to Y (out_x) were derived by multiplying the outflow ratio by the income subject to adjustment in the particular industry in X (isa_x):

$$in_x = i_x \times isa_y$$

$$out_x = o_x \times isa_x.$$

Summing over all industries yields total inflows to X and total outflows from X:

$$IN_x = \sum in_x$$

$$OUT_x = \sum out_x.$$

(The use of uppercase letters indicates that the variable applies to all industries combined; the use of lowercase letters indicates that the variable applies to each industry individually.)

The initial 1980 BEA estimates were modified in three situations. First, for clusters of counties identified as being closely related by commuting (mostly multicounty metropolitan areas), modifications were made to incorporate the 1979 wage and salary distribution from the 1980 Census of Population.[23] These modifications are needed because in numerous cases the 1980-census JTW data and the source data for the BEA wage estimates are inconsistently coded by place of work. (For example, the source data may attribute too much of the wages of a multiestablishment firm to the county of the firm's main office, or the geographic coding of the Defense Department payroll data and of the JTW data may attribute a military base extending across county boundaries to different counties.) The initial 1980 BEA place-of-residence wage and salary estimates were summed to a total for each cluster.[24] The BEA total for each cluster was then redistributed among the counties of the cluster in the same proportion as the 1979 wage and salary distribution from the 1980 census. To facilitate the extension of the 1980 residence adjustment estimates to later years, the cluster-based modifications—derived as net additions to or subtractions from the initial residence adjustment estimates for each of the 1,287 counties—were expressed as gross flows between pairs of counties within the same cluster. In the simplest case—a two-county cluster—the additional gross flow was assumed to be from the county with the negative modification to the county with the (exactly offsetting) positive modification.

Second, modifications were made for selected noncluster adjacent counties if large, offsetting differences occurred between the initial 1980 BEA estimates and the census wage data for these counties. These adjacent-county modifications were expressed as gross flows in the same way and for the same reason as the cluster-based modifications.

Third, modifications were made for eight Alaska county equivalents (boroughs and census areas) to reflect the large amounts of labor earnings received by seasonal workers from out of State. The 1980-census JTW data reflect the "commuting" of many of these workers, and the initial 1980 residence adjustment estimates for a majority of the county equivalents did not require modifications. However, for eight county equivalents, the initial 1979 estimates yielded BEA place-of-residence wage and salary totals that were so much higher than the comparable census data that they could not be an accurate reflection of the wages of only the permanent residents.[25] The excess amounts were removed by judgmentally increasing the JTW-based gross flows to the large metropolitan counties of Washington, Oregon, and California.

For 1981 and later years, the 1980 estimates of total inflows (IN_x) and outflows by industry (out_x) are extrapolated.[26] Changes in intercounty commuting patterns are incorporated into the estimates by a ratio (CHR_x) in which the numerator is derived from BEA's place-of-work measure of earnings (ISA_x) for all industries and the denominator is derived from an independent place-of-residence measure—wages and salaries reported by individuals to the IRS (IRS_x).[27] The ratio for county X in year n (CHR_x^n) is

$$CHR_x^n = \frac{ISA_x^n / ISA_x^{1980}}{IRS_x^n / IRS_x^{1980}}.$$

Total 1980 inflows to X are extrapolated to year n on the basis of CHR_x and of the change in IRS_x since 1980:

$$IN_x^n = IN_x^{1980} \times \frac{IRS_x^n}{IRS_x^{1980}} \times \frac{1}{CHR_x^n}.$$

22. Adjustment factors and gross flows were calculated separately for subcomponents of ISA. Wages and salaries and OLI were each classified by Standard Industrial Classification division for the private sector and by level of government (with a separate classification for Federal civilian and Federal military) for the public sector. Personal contributions for social insurance—for which private sector industry detail is not estimated by county—were classified into (1) the sum of nonmilitary OASDI and HI, railroad retirement, State unemployment insurance, and temporary disability; (2) military OASDI and HI; (3) Federal civilian employee retirement; and (4) State and local government employee retirement. Residence adjustment factors for the corresponding groups were calculated from the 1980-census JTW data. However, for intercounty commuting flows with few workers, a single all-industry adjustment factor was used for all ISA subcomponents.

23. The 1979 wage and salary distribution from the 1980 Census of Population reflects the residential distribution of the income recipients as of April 1, 1980, regardless of where they were living when they received the wages and salaries.

24. The 1980 BEA place-of-residence wage and salary estimates were derived as place-of-work wages and salaries plus net residence adjustment for wages and salaries. For the calculation of the net residence adjustment, only the gross flows for wages and salaries were used.

25. The 1979 residence adjustment estimates, although based mainly on the 1980-census JTW data, also reflect—at the appropriate one-tenth weight—1970-census JTW data.

26. The gross flows that are extrapolated consist of those calculated with the 1980-census JTW data, those devised to express the cluster-based and adjacent-county modifications, and those derived from the Alaska out-of-State-workers modifications. To facilitate the preparation of the State estimates for the most current year of the annual series and for all years of the quarterly series, the outflows from a county to each county of workers' residence are extrapolated separately. However, the inflows to each county from all other counties are combined and extrapolated as a single unit.

27. County tabulations of wages and salaries reported to the IRS and recorded by tax-filing address are available to BEA with a 1- or 2-year lag. This series is extrapolated to the most current year by a set of equations that relate the change in IRS county wages to the changes in BEA State and county place-of-work wages and to the change in county population. For the 1989 estimates, the IRS data through 1987 were available.

For each industry, 1980 outflows from X to Y are extrapolated to year n on the basis of CHR_x and of the change in isa_x for the industry since 1980:

$$out_x^n = out_x^{1980} \times \frac{isa_x^n}{isa_x^{1980}} \times CHR_x^n.$$

The estimate of net residence adjustment for year n (the final estimate for the noncluster counties and the provisional estimate for the cluster counties) equals total inflows minus total outflows summed over all industries:

$$RA_x^n = IN_x^n - \sum out_x^n.$$

As a last step, the total place-of-residence ISA (ISA plus net residence adjustment) for each cluster is derived and then distributed to the counties of the cluster based on 1980 place-of-residence ISA extrapolated to later years by the percentage change in the IRS-based wage series. The net residence adjustment estimate for each cluster county is calculated as place-of-residence ISA minus place-of-work ISA.

Residence adjustment procedure for border workers

The term "border workers" refers to certain U.S. residents working in foreign countries and to foreign residents working in the United States. U.S. residents working abroad for U.S. firms or for the U.S. Government are not classified as border workers; their earnings are included in the measures of the earnings components in the national income and product accounts (NIPA's), but they are excluded from both the place-of-work and the place-of-residence measures of earnings in State and local area personal income.

In the NIPA's, the earnings of border workers are classified as receipts from or payments to the "rest of the world." Consequently, the "rest-of-the-world" account in the NIPA's reflects the earnings of border workers in addition to the earnings of U.S. residents employed in the United States by foreign governments and international organizations.

At the State and county levels, however, the earnings of border workers are reflected in the personal income series through the residence adjustment. In essence, border workers are international commuters, and the treatment of their earnings is consistent with that of the earnings of commuters within U.S. boundaries.

The national estimates of the earnings of border workers are drawn from the "rest-of-the-world" account. The national outflows of the earnings of Mexican and Canadian border workers are allocated to States and counties based on data provided by the Immigration and Naturalization Service, Department of Justice. The national outflow of the earnings of Caribbean farm workers is allocated to States based on Department of Labor data on numbers of authorized seasonal workers by State. BEA attributes the State totals to the counties that produce the crops for which the Caribbean workers are most frequently hired.

The earnings of U.S. residents commuting to work in Canada are assigned to counties in Michigan and New York and to the New England States of Maine, New Hampshire, and Vermont based on fragmentary information provided by the Immigration and Naturalization Service. The New England portion is allocated to these three States and their counties based on employment in forest product industries in each border county. The small amount of "rest-of-the-world" earnings of U.S. residents working in the United Kingdom is divided evenly between New York County, New York, and Los Angeles County, California.

Other groups of border workers exist, but they are not numerous enough for their earnings to be included in the "rest-of-the-world" estimates and the residence adjustment estimates.

Technical Notes

Industry classification

The industry detail in which the estimates of earnings are presented is in accordance with the Standard Industrial Classification (SIC) system established by the Office of Management and Budget. In the historical series of estimates available from BEA's Regional Economic Information System, the estimates for the years 1975 forward are based on the 1972 SIC, and the estimates for the years before 1975 are based on the 1967 SIC.

Per capita personal income

This measure of income is the personal income of the residents of a given area divided by the resident population of the area. In computing per capita personal income for the counties, BEA uses the Census Bureau's annual county population estimates, which are available through 1988. BEA prepared 1989 county population estimates based on the Census Bureau 1989 State estimates and on the 1986–88 trend in the Census Bureau county estimates. Except for the college student population, which is measured as of April 1, the population is measured as of July 1.

The local area per capita personal income estimates should be used with caution for several reasons. In some instances, an unusually high or low per capita personal income is the temporary result of unusual conditions, such as a bumper crop or hurricane. In other instances, the income levels of certain groups atypical of the resident population may cause a longer term high or low per capita personal income that is not indicative of the economic well-being of the area. For instance, a major construction project—such as a defense facility, power plant, or dam—may substantially raise the per capita personal income of an area for several years because it attracts highly paid workers whose income is measured at the construction site. This high per capita income is not indicative of the economic well-being of most of the residents of the area (or, in many cases, of the resident construction workers themselves, because they frequently send a substantial portion of their wages to their dependents living in other areas).

Conversely, the presence of a large institutional population—such as that of a college or a prison—will tend to keep the per capita personal income of an area at a lower level because the residents of these institutions have little income attributable to them at these institutions. This lower per capita personal income is not indicative of the economic well-being of most of the residents of the area (or, in some cases, of the institutional populations, because some of these populations, such as college students, typically receive support from their families living in other areas).

The per capita personal income estimates can also be misleading in areas where population changes rapidly. Population is measured at midyear, whereas income is measured as a flow over the year; therefore, a significant change in the population of an area during the year, particularly if it occurs around midyear, can cause a distortion in the per capita personal income estimate.

In counties where farm income predominates, additional considerations should be taken into account. Farm proprietors' income as measured for personal income reflects returns from current production; it does not measure current cash flows. Sales out of inventories are included in current gross farm income, but they are excluded from net farm income because they represent income from a previous year's production. Additions to inventories are included in net farm income at current market prices; therefore, farmers' attempts to regulate their cash flows by adjusting inventories are not reflected in BEA's farm proprietors' income estimates. However, this regulation of cash flows by farmers extends their earnings cycles, so it helps them to survive losses or lowered income for 2 or 3 years. In addition, the per capita personal income of sparsely populated counties that are dependent on farming will react more sharply to vagarious weather, world market demand, and changing government policies related to agriculture than that of counties where the sources of income are more diversified.

Comparison of personal income with other income measures

Adjusted gross income and taxable income are IRS measures of income that are reported on individual income tax returns. The IRS income measures differ from BEA's personal income in a number of ways. Personal income includes transfer payments and imputed income, whereas the IRS measures exclude all imputed income and most transfer payments. Personal income includes the income of quasi-individuals as well as individuals, whereas the IRS measures include only the income of individuals who file individual income tax returns. Personal income excludes realized capital gains, whereas the IRS measures include realized capital gains, which are both reportable and taxable on income tax returns.[28]

Money income—which is prepared by the Census Bureau for States, counties, and cities—also differs from personal income. Money income, unlike personal income, excludes imputed income, lump-sum payments other than those received as part of earnings, income received by quasi-individuals, certain in-kind payments—such as medicaid, medicare, and food stamps—and employer contributions to private welfare and pension funds. Money income includes—and personal income excludes—personal contributions for social insurance and income from private pensions and annuities and from interpersonal transfers, such as child support. Money income is prepared decennially on the basis of the "long-form" sample conducted as part of the census of population. The Census Bureau prepares postcensal estimates biennially, using IRS data and components of State and county personal income that are adjusted to a money income concept to extrapolate the estimate from the most recent census. The most current money income estimates are for 1987;

28. A more detailed discussion is presented in Thae S. Park, "Relationship Between Personal Income and Adjusted Gross Income, 1987–88," SURVEY 70 (August 1990): 24–26.

estimates for 1989 will be prepared from data collected in the 1990 Census of Population.

BEA and the Census Bureau prepare per capita estimates of personal income and of money income, respectively. In addition to the differences in income definitions, differences in the methods of computation used may cause substantial differences between these two per capita measures. For example, the Census Bureau computes 1987 per capita money income by dividing 1987 total money income by April 1988 total population, whereas BEA computes 1987 per capita personal income by dividing 1987 total personal income by July 1987 total population.[29]

Electronic edit procedures

In making the county personal income estimates, BEA uses several million administrative records annually. Although these records are usually encoded and processed by the agency administering the program that generates the data (thereby reducing the cost, in terms of time and labor, to BEA), there are still possibilities for error in the data. Because it is not possible to verify each individual record or to accept the various administrative record files at their face value, BEA has developed several computerized edit routines to locate—either directly or through examination of preliminary estimates based on the source data—major errors in the source materials. At some stages of the estimating process, the data are arrayed in computer-generated tables that give the analyst a frame of reference for judging the quality of the data. At other stages, the data are screened by computer to flag items that exceed specified edit parameters for further review. For example, the "average wage check" is used to screen the ES-202 data underlying the wage and salary series and its companion employment series. This routine flags the county wage and employment data for an SIC industry division when the year-to-year change in the implicit average wage for the industry division deviates excessively from the corresponding change in the implicit average wage for that industry division at the national level.

When an important anomaly is discovered in the data and when it cannot be traced to an explicit error in BEA's data-processing and estimating procedures, a question may be raised with the agency that supplied the source data. Alternatively, a substitute estimate is prepared from other source data.

Interpolation and extrapolation

In the context of the State and local area personal income estimates, interpolation and extrapolation procedures are used to extend State and county distributions for individual components for a given year to other years; statistical information on a particular type of income flow for States and counties is frequently better for benchmark years than for nonbenchmark years. Interpolation is used to derive estimates between benchmark years; extrapolation is used to derive estimates beyond benchmark years.

"Straight-line interpolation" is the simplest, but least satisfactory, procedure. It is based on the premise that any change between benchmark years has occurred in the same magnitude in each interim year. It might be used, for example, when county distributions of wages and salaries disbursed in a certain industry are available for years 1 and 4, but not for years 2 and 3. The change in the data for each county is spread evenly to the interim years 2 and 3.

Wages and salaries in thousands of dollars

	Year 1 (benchmark)	Year 2 (interpolation)	Year 3 (interpolation)	Year 4 (benchmark)
County A	28	34	40	46
County B	34	43	53	62
County C	74	81	87	94

The interpolated figures are then adjusted to State totals by allocation (not shown).

A more satisfactory interpolation can be illustrated by assuming the availability of employment data for the same industry in all 4 years. The first step is to compute average wages for years 1 and 4.

Employment and average wages

	Year 1		Year 4	
	Employment	Average wages in dollars	Employment	Average wages in dollars
County A	4	7,000	4	11,500
County B	6	5,667	10	6,200
County C	11	6,727	10	9,400

Next, average wages for years 2 and 3 are derived by straight-line interpolation.

Average wages in dollars

	Year 1 (benchmark)	Year 2 (interpolation)	Year 3 (interpolation)	Year 4 (benchmark)
County A	7,000	8,500	10,000	11,500
County B	5,667	5,845	6,022	6,200
County C	6,727	7,618	8,509	9,400

Then the interpolated average wages for years 2 and 3 are multiplied by the employment data for those years to yield first approximations of wages.

Employment and wage approximations

	Year 2		Year 3	
	Employment	Wages in thousands of dollars	Employment	Wages in thousands of dollars
County A	5	43	4	40
County B	7	41	9	54
County C	10	76	9	77

Finally, the first approximations are adjusted to State totals by allocation (not shown).

Extrapolation can be illustrated by assuming that, for the example above, employment data are also available for year 5. Year 4 average wages are multiplied by year 5 employment to yield first approximations of year 5 wages.

Wage approximations

	Year 4	Year 5	
	Average wages in dollars	Employment	Wages in thousands of dollars
County A	11,500	5	58
County B	6,200	12	74
County C	9,400	9	85

The first approximations are then adjusted to the State totals by allocation (not shown).

29. The Census Bureau uses this method because the income question in the decennial census requests the previous year's income: In April 1980, the Census Bureau asked how much income was received in calendar year 1979. For consistency, this time relationship is maintained in the years between the decennial censuses.

Disclosure avoidance

BEA's heavy reliance on the administrative record files of other government agencies makes it particularly important that BEA be aware of, and observe, the legal requirements established to safeguard the privacy of persons and firms by avoiding the disclosure of confidential information. BEA, like other statistical agencies, must balance its responsibility to avoid disclosure with its responsibility to release as much useful information as possible. This balancing has led to a policy of limiting release of estimates to the SIC two-digit level for regions, States, and local areas, although more detailed source data are available to BEA.

As described in the section on wage and salary disbursements, BEA receives ES-202 data files from the State employment security agencies (ESA's), through the Bureau of Labor Statistics, at the SIC four-digit level.[30] These aggregations by county contain information covering one or more firms in an industry classification; the disclosure of information about any particular firm is prohibited by law. Three basic techniques for disclosure avoidance are available: Suppression, rolling up, and disturbing.[31] BEA uses a combination of all three techniques.

After completing its SIC two-digit estimates of wage and salary disbursements—based mainly on the ES-202 data—BEA examines the ES-202 files to identify potential disclosures. Two types of direct disclosures must be identified. The first, termed "reporting-unit disclosure," occurs when a given cell contains fewer than a prescribed number of firms. The second, termed "dominant-firm disclosure," occurs when—regardless of the number of firms contained in the cell—a single firm accounts for some predetermined, significant percentage of the total and thus dominates the cell. For the first type, the ES-202 files that BEA receives contain reporting-unit information that permits the determination of the number of firms in each cell. For the second type, cells at the SIC four-digit level that contain dominant-firm disclosures are identified by the State ESA's; the identification is based on the individual employers' records. The ESA's also provide ES-202 tabulations stratified by size of firm for the first quarter of each year. From these files, BEA identifies the SIC two-digit cells for which a single firm might account for more than the allowable percentage of the cell wage total.

The items identified as disclosures, either by reporting-unit or dominant-firm criteria, are referred to as "primary wage and salary disclosures." To prevent direct release of this confidential information, BEA's disclosure-avoidance procedures for regions, States, and counties utilize a combination of two techniques: Systematic rolling up and dominant-cell suppression. The first technique is systematically to "roll up" wages and salaries, other labor income, and proprietors' income to the sum of the three—total earnings by industry and county. The second is to test the primary wage disclosure file against the total earnings file by county to see whether wages account for a predetermined significant portion of earnings such that the primary wage disclosure results in an earnings disclosure. Where earnings are not sufficiently large to mask or cover the primary wage disclosure, a suppression indicator appears on the earnings file. This combination of techniques—combining a systematic roll up of three types of payments to earnings and a dominant-cell suppression test of wages as a specified percentage of earnings—yields the final primary earnings disclosure file, which indicates the cell suppressions necessary to prevent direct disclosure of SIC two-digit information for counties.

Two additional types of cell suppressions—secondary and complementary suppressions—are necessary to prevent the derivation (indirect disclosure) of primary disclosure cells. Secondary suppression is the suppression of additional industry cells to prevent indirect disclosure of the primary (SIC two-digit) disclosure cells through subtraction from higher level industry totals. Complementary suppression is the supppression of additional geographic units for the same industry to prevent indirect disclosure through subtraction from higher level geographic totals. These suppressions are determined by testing a multidimensional matrix consisting of industry and county earnings cells for each State and region. Computer programs impose a set of rules and priorities in order to select additional cells for suppressions until the entire multidimensional matrix of suppressions is balanced so that indirect disclosure is impossible from any direction in the matrix.

The selection process maximizes the amount of information that can be released at higher industrial and geographic levels at the expense of the more detailed industrial and geographic information. For example, if possible, the secondary selection process will suppress additional SIC two-digit industries rather than the higher level industry division total. Likewise, if possible, additional county estimates will be suppressed rather than the State totals. In some cases, discretionary decisions are superimposed on the outcome of this process to preserve regional or national totals.

A variant of the "disturbing" technique, along with dominant-cell suppression, is used to prevent disclosures stemming from the aggregations of counties to metropolitan areas. Under this approach, the metropolitan area total for each industry represents one of three situations. (1) If there are no county-level suppressions, the actual metropolitan area total is shown. (2) If the dollar amount of county-level suppressions is small relative to the sum of the estimates for all the metropolitan area's counties, a partial metropolitan area total is shown, marked with an "*" indicator flag; in these situations, the amount shown constitutes the major portion of the actual total. In effect, the metropolitan area total is "disturbed" through the omission of the suppressed county amount(s). (3) If the dollar amount of the county-level suppressions is large enough to impair the usefulness of the partial total, the entire amount is suppressed, and a "(D)" is shown.

30. BEA also receives administrative record files based on sensitive information from the Social Security Administration, the Department of Veterans Affairs, and other Federal and State government agencies. The agencies summarize these files to aggregate totals by program and county, and each county record or cell contains information about enough individuals to preclude the disclosure of information about any single individual.

31. Suppression is the deletion of a value and its replacement with a symbol—usually (D)—to indicate that it is being withheld. Rolling up is the combination of the sensitive information in one cell with the information in another cell; this may be done systematically through the combination of entire sets of estimates to create a single set in which each cell contains the sum of the corresponding cells in the input sets. Disturbing is the alteration of a number enough to prevent exact disclosure but not enough to impair the usefulness of the information.

List of Abbreviations

AAR	Association of American Railroads
AFDC	Aid to families with dependent children
BEA	Bureau of Economic Analysis (of the Department of Commerce)
BLS	Bureau of Labor Statistics (of the Department of Labor)
CCAdj	Capital consumption adjustment
CHAMPUS ..	Civilian Health and Medical Plan of the Uniformed Services
CMSA	Consolidated metropolitan statistical area
DOD	Department of Defense
DVA	Department of Veterans Affairs
ESA	Employment security agency (of a State government)
ES-202	Refers to the tabulations of payroll data drawn from the administrative records of the State and Federal civilian unemployment insurance programs and summarized on the Department of Labor ES-202 report.
HI	Hospital insurance (part of medicare)
IMF	Individual master file (maintained by the Internal Revenue Service)
IRS	Internal Revenue Service (of the Department of the Treasury)
ISA	Income subject to (residence) adjustment
IVA	Inventory valuation adjustment
JTW	Journey to work. Refers to intercounty commuting data from the 1980 Census of Population and particularly to an unpublished tabulation of those data that includes information about workers' industry of employment and their average earnings.
MSA	Metropolitan statistical area
NASS	National Agricultural Statistics Service (of the Department of Agriculture)
NECMA	New England county metropolitan area
NPLL	Net profit less loss (a statistic drawn from the IRS tabulations of nonfarm proprietors' tax returns).
NSF	National Science Foundation
OASDI	Old-age, survivors, and disability insurance (the programs popularly known as social security)
OLI	Other labor income
OPM	Office of Personnel Management
PMSA	Primary metropolitan statistical area
REIS	Regional Economic Information System (of BEA)
RRB	Railroad Retirement Board
SIC	Standard Industrial Classification
SMI	Supplementary medical insurance (part of medicare)
SSA	Social Security Administration (of the Department of Health and Human Services)
SSI	Supplemental security income
UI	Unemployment insurance. The abbreviation is used to refer both to the UI benefit programs and to the system of employer taxation from which the benefits are paid and from which the ES-202 data originate.
USDA	U.S. Department of Agriculture

Glossary

Adjustment for residence.—This adjustment is made to wages and salaries, other labor income, and personal contributions for social insurance (with minor exceptions) to place them on a place-of-residence (where-received) basis. The adjustment is necessary because these components of personal income are estimated from data that are reported by place of work (where earned). See also **Residence, place of** and **Resident.**

Allocation.—The estimates of State and county personal income are characterized by the systematic use of the allocation procedure in their preparation. The State estimates are made by allocating the U.S. total for each component of personal income (estimated for the national personal income series) to the States in proportion to each State's share of a related economic series (called an allocating series). The State estimates are allocated to counties in the same way.

Capital consumption adjustment (CCAdj).—This adjustment is the difference between depreciation as valued in determining income as reported in the source data and depreciation on the basis of consistent accounting (uniform service lives and straight-line depreciation) and valued at replacement cost. For example, if a proprietor claimed depreciation of $1.1 million on his tax return, and the replacement cost of the capital used up—calculated with straight-line depreciation and the specified service life—was $1.3 million, the CCAdj would be −$0.2 million. Among the components of personal income, this adjustment is made to nonfarm proprietors' income and to rental income of persons.

Corporate business.—See **Legal form of organization.**

County.—See **Geographic units.**

Disclosure avoidance.—In the context of the regional personal income estimates, disclosure avoidance is a general term used to describe the procedures used to prevent the publication or release of confidential information. Because BEA uses administrative records of other agencies, it is required to follow these procedures to comply with legislation established to safeguard the privacy of persons and firms. See the Technical Notes.

Disposable personal income.—Disposable personal income is personal income less personal tax and nontax payments. It is the income available to persons for spending or saving.

Earnings.—This income measure is the sum of wage and salary disbursements, other labor income, and proprietors' income. It is often used in regional economic analysis to serve as a proxy for income generated from participation in current production. The measure "net earnings" is earnings less personal contributions for social insurance. These contributions are included in earnings by type and industry, but they are not included in personal income; therefore, they are subtracted from earnings in the computation of personal income as the sum of earnings, plus dividends, interest, and rent, plus transfer payments.

Extrapolation.—See the "Technical Notes".

Fiduciary.—A fiduciary is an individual or a legal entity that serves as the administrator or trustee of an estate or a trust. Fiduciaries file Internal Revenue Service form 1041 to report the income they receive on behalf of the estate of a deceased individual or on behalf of the beneficiary of a trust.

Geographic units.—BEA presents State estimates for all States and the District of Columbia, but not for the territories of the United States. The State estimates for the continental United States are often aggregated into eight BEA regions: New England, Mideast, Great Lakes, Plains, Southeast, Southwest, Rocky Mountain, and Far West. Alaska and Hawaii are not included in a region. The regional classifications, which were developed in the mid-1950's, are based on the homogeneity of the States with respect to income characteristics, industrial composition of the employed labor force, and noneconomic characteristics, such as demographic, social, and cultural factors. The Census Bureau publishes data by region using four Census regions composed of nine Census divisions. To enable the reader to compare BEA estimates with census data, BEA often publishes its State estimates aggregated to Census divisions. For examples, see the sample tables in Appendix B of volume 1.

BEA presents local area estimates for all counties and county equivalents and for all county-based metropolitan areas recognized for statistical purposes by the Office of Management and Budget except for the following areas, which are combined with adjacent counties: Kalawao County, Hawaii; the Montana portion of Yellowstone National Park; Menominee County, Wisconsin; and the smaller independent cities of Virginia. Special tabulations can be prepared for any area that can be defined in terms of counties. County equivalents include Alaska boroughs and census areas, the District of Columbia (which is also treated as a State), Louisiana parishes, and the independent cities of Maryland, Missouri, Nevada, and Virginia. See Appendix C in volume 1 for a description of the metropolitan area classification scheme and a list of the metropolitan areas and their constituent counties.

Government enterprise.—See **Legal form of organization.**

Imputation.—In the context of the national and regional economic accounts, the term "imputation" is usually used to refer to the value of a nonmarket good or service that is added to the value of marketed goods and services in measures of production and income. The four main imputations of this type included in personal income are wages and salaries in kind (food, lodging, and standard clothing issued to the military), the net rental value of owner-occupied dwellings, food and fuel produced and consumed on farms, and the value of services furnished without payment by

financial intermediaries except life insurance carriers and private noninsured pension funds. Imputations amount to about 2 percent of personal income at the national level and are made to obtain a better view of total output and its distribution. In addition, the term "imputation" is used to refer to the accounting entries made to include the saving of certain kinds of financial intermediaries (life insurance carriers and private noninsured pension funds) in personal income.

Interpolation.—See the "Technical Notes".

Inventory valuation adjustment (IVA).—In the context of nonfarm proprietors' income, this adjustment is the difference between the cost of inventory withdrawals as valued in determining income as reported in the source data (often acquisition cost) and the cost of withdrawals valued at replacement cost, which is the valuation used in the national income and product accounts. (If the sign of the IVA—which is usually negative—is reversed, this adjustment is recognizable as what is often referred to as "inventory profit.") For example, if an item withdrawn from inventory cost $5,000 when it was acquired and would cost $6,000 to replace at the time it was withdrawn, the IVA would be −$1,000. An IVA is needed only for the nonfarm component of proprietors' income; the farm component of proprietors' income is derived from sources that measure farm inventories at replacement cost.

Legal form of organization.—In the context of the national and regional economic accounts, businesses are classified into legal forms of organization. Corporate businesses consist of all entities required to file Federal corporate tax returns, including mutual financial institutions and cooperatives subject to Federal income tax, private noninsured pension funds, nonprofit organizations that primarily serve business, Federal Reserve banks, and federally sponsored credit agencies.

Government enterprises are government agencies that usually cover more than one-half their operating costs by the sale of goods and services to the public. Interest paid and interest received are excluded from costs and sales, respectively, in classifying the agencies.

Partnerships are entities required to file IRS form 1065 (U.S. Partnership Return of Income). Sole proprietorships are (1) entities that are required to file IRS Schedule C (Profit or Loss from Business or Profession) or Schedule F (Farm Income and Expenses) of form 1040, (2) entities that would have been required to file Schedule C or Schedule F if the proprietor had met the form 1040 filing requirements, and (3) farm housing.

Other private businesses are (1) entities that are required to report rent and royalty income on Schedule E (Supplemental Income Schedule) of form 1040, (2) entities that would have been required to file Schedule E if the individual met the form 1040 filing requirements, (3) tax-exempt cooperatives, (4) owner-occupied nonfarm housing, and (5) buildings and equipment owned and used by nonprofit institutions (that is, nonprofit organizations primarily serving individuals).

Metropolitan area.—See **Geographic units.**

Other labor income.—This component of personal income consists of employer contributions to privately administered pension and welfare funds and of a few small items, including directors' fees, compensation of prison inmates, and judicial fees.

Other private business.—See **Legal form of organization.**

Partnership.—See **Legal form of organization.**

Per capita personal income.—This income measure is the total personal income of the residents of a given area divided by the resident population of the area. Per capita personal income is often used as an indicator of the quality of consumer markets and of the economic well-being of the residents of an area. However, this measure should be used with caution for several reasons. See the "Technical Notes" for a detailed discussion of the limitations of the per capita personal income measure and for a discussion of the differences between this measure and the Census Bureau's estimates of per capita money income.

Personal contributions for social insurance.—These contributions, which are subtracted from income to derive personal income, consist of payments by employees, the self-employed, and other individuals who participate in the following programs: Federal old-age, survivors, and disability insurance; hospital insurance; supplementary medical insurance; State unemployment insurance; railroad retirement; government employee retirement; veterans life insurance; and temporary disability insurance.

Personal dividend income.—This component of personal income measures the dividends received by persons from all sources. Dividends are payments in cash or in other assets, excluding stock, by corporations organized for profit to noncorporate stockholders who are U.S. residents. For the State and local area estimates, this component is combined with personal interest income and rental income of persons.

Personal income.—Personal income is the income received by persons from all sources—that is, from participation in production, from both government and business transfer payments, and from government interest. Personal income is measured as the sum of wage and salary disbursements, other labor income, proprietors' income, rental income of persons, personal dividend income, personal interest income, and transfer payments, less personal contributions for social insurance. See also **Persons, Wages and salaries, Other labor income, Proprietors' income, Rental income of persons, Personal dividend income, Personal interest income, Transfer payments,** and **Personal contributions for social insurance.**

Personal interest income.—This component of personal income is the interest income of persons from all sources. In addition to monetary interest flows, personal interest income includes flows of interest-in-kind (imputed interest). For the State and local area estimates, it is combined with personal dividend income and rental income of persons.

Persons.—In the national and regional economic accounts, persons are defined as individuals, nonprofit institutions serving individuals, private noninsured welfare funds, and private trust funds. The last three are referred to as "quasi-individuals" and make up only a small part of the total number of persons.

These quasi-individuals are nonprofit in character and are distinguishable from business enterprises because they are organizations that either function to serve individuals directly or are established on their behalf. Nonprofit institutions include religious organizations, social and athletic clubs, labor organizations, and other private nonprofit agencies that furnish services to individuals. Private noninsured welfare funds include funds providing group health insurance, group life insurance, workers' compensation, and supplemental unemployment benefits. Exam-

ples of private trust funds are a decedent's estate, a trust fund for minors, and a public official's blind trust.

Personal tax and nontax payments.—These are tax payments by persons that are not chargeable to business expense and certain other personal payments to government agencies (except government enterprises) that are treated like taxes. Personal taxes include taxes on income, including capital gains; on transfers of estates and gifts; and on personal property. (Real property taxes, as opposed to personal property taxes, are subtracted as an expense in estimating the business income components of personal income.) Nontax payments include tuition and fees paid to schools and hospitals operated by government; fees, fines, and forfeitures; and donations. Personal contributions for social insurance are not included.

Proprietors' income with inventory valuation and capital consumption adjustments.—This component is the monetary income and income-in-kind of sole proprietorships and partnerships and of tax-exempt cooperatives. Dividends and monetary interest received by proprietors of nonfinancial businesses and rental income received by persons who are not primarily engaged in the real estate business are excluded; these incomes are included in dividends, net interest, and rental income of persons, respectively. See also **Inventory valuation adjustment** and **Capital consumption adjustment.**

Quasi-individuals.—See **Persons.**

Region.—See **Geographic units.**

Rental income of persons with capital consumption adjustment.—This component of personal income is the monetary income of persons from the rental of real property (excluding the income of persons primarily engaged in the real estate business), the imputed net rental income of owner-occupants of nonfarm dwellings, and the royalties received by persons from patents, copyrights, and rights to natural resources. For the State and local area estimates, it is combined with personal dividend income and personal interest income. See also **Capital consumption adjustment.**

Residence, place of.—Income is recorded either by place of work (where earned) or by place of residence (where received). By definition, personal income is a measure of income where received, and the State and local area estimates of total personal income reflect the residence of the recipient. See also **Adjustment for residence** and **Resident.**

Resident.—In the context of measuring personal income, resident refers not only to individuals but also to quasi-individuals. (See also **Persons.**) Individuals actually residing in a county are counted as residents. This general statement is supported by several conventions. Military personnel are considered residents of the county in which they are stationed (or of an adjacent county if they commute daily), even though they may consider themselves permanent residents of another county. Civilian employees and proprietors are also counted as residents of the county in which they live and work or from which they commute to work, even though they may consider themselves permanent residents of another county. Wages that workers earn during short temporary assignments away from their usual places of work are assigned to their usual places of residence. Similarly, tourists or others in such a temporary status are not counted as residents. Seasonal migrant workers are considered residents of the area in which their work is performed; that is, wages are assigned to the county where a worker lives while earning the wages. Persons located abroad and foreign citizens employed by international organizations and by foreign embassies and consulates in the United States are not counted as residents of any county, and their income is excluded from personal income.

The concept of residence as it relates to personal income refers to the location where the income to be measured is received rather than to usual, permanent, or legal residence. This treatment differs from that of the Census Bureau, which counts many seasonal and short-term workers at their usual place of residence, even if they are living and working elsewhere at the time the information is gathered.

The income received by quasi-individuals is received on behalf of individuals; it is, therefore, measured in the county of residence of the beneficiaries.

Sole proprietorship.—See **Legal form of organization.**

Standard Industrial Classification (SIC).—This system is used in the classification of establishments by the type of activity in which they are engaged. An establishment is defined as an economic unit, generally at a single physical location, where business is conducted or where services or industrial operations are performed. The SIC is designed to cover all economic activity, public as well as private. Its structure consists of the following: Divisions (for example, manufacturing); major groups, or two-digit levels (for example, food and kindred products); three-digit levels (for example, meat products); and four-digit levels (for example, meat packing plants). Each establishment is assigned an industry code on the basis of its primary activity. The SIC, which is revised from time to time to reflect the changing industrial structure of the economy, is published by the Office of Management and Budget in the *Standard Industrial Classification Manual.*

State.—See **Geographic units.**

Transfer payments.—This component of personal income measures payments to persons for which they do not render current services. Generally, they are paid in monetary form; major exceptions are food stamps and medical vendor payments. Transfer payments include payments by government and business to individuals and to nonprofit institutions serving individuals. Government transfer payments to nonprofit institutions exclude payments for work under research and development contracts.

Wages and salaries.—This income measure consists of the monetary remunerations of employees, including the compensation of corporate officers; commissions, tips, and bonuses; and receipts in kind that represent income to the recipients. In national income, it is counted as accruals (when earned), but in personal income, it is counted as disbursements (when paid).

Work, place of.—See **Residence, place of.**

Table 1.—Personal Income for the United States by Type and Industry, 1984–89

[Thousands of dollars]

	1984	1985	1986	1987	1988	1989
Income by Place of Residence						
Total personal income	**3,101,163,000**	**3,317,545,000**	**3,519,364,000**	**3,754,577,000**	**4,058,181,000**	**4,367,401,000**
Nonfarm personal income	3,062,893,000	3,278,621,000	3,475,076,000	3,706,744,000	4,009,918,000	4,316,147,000
Farm income[1]	38,270,000	38,924,000	44,288,000	47,833,000	48,263,000	51,254,000
Population (thousands)[2]	236,438.9	238,697.6	241,104.0	243,416.4	245,803.3	248,257.8
Per capita personal income (dollars)	**13,116**	**13,899**	**14,597**	**15,425**	**16,510**	**17,592**
Derivation of total personal income						
Total earnings by place of work	2,247,918,000	2,410,587,000	2,568,701,000	2,770,379,000	2,997,734,000	3,177,124,000
Less: Personal contributions for social insurance[3]	132,182,000	148,710,000	161,241,000	172,249,000	193,383,000	212,117,000
Plus: Adjustment for residence[4]	-510,000	-534,000	-515,000	-543,000	-581,000	-587,000
Equals: Net earnings by place of residence	2,115,226,000	2,261,343,000	2,406,945,000	2,597,587,000	2,803,770,000	2,964,420,000
Plus: Dividends, interest, and rent[5]	528,785,000	565,947,000	590,593,000	606,820,000	666,458,000	765,847,000
Plus: Transfer payments	457,152,000	490,255,000	521,826,000	550,170,000	587,953,000	637,134,000
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,831,472,000	1,967,172,000	2,086,526,000	2,241,528,000	2,422,580,000	2,562,601,000
Other labor income	182,822,000	187,427,000	199,144,000	209,289,000	225,323,000	241,622,000
Proprietors' income[6]	233,624,000	255,988,000	283,031,000	319,562,000	349,831,000	372,901,000
Farm	29,583,000	30,340,000	35,807,000	38,924,000	39,340,000	42,219,000
Nonfarm	204,041,000	225,648,000	247,224,000	280,638,000	310,491,000	330,682,000
Earnings by industry:						
Farm	38,270,000	38,924,000	44,288,000	47,833,000	48,263,000	51,254,000
Nonfarm	2,209,648,000	2,371,663,000	2,524,413,000	2,722,546,000	2,949,471,000	3,125,870,000
Private	1,852,464,000	1,987,497,000	2,118,098,000	2,288,494,000	2,484,564,000	2,628,329,000
Agricultural services, forestry, fisheries, and other[7]	11,244,000	12,282,000	13,066,000	16,266,000	17,820,000	18,821,000
Agricultural services	9,550,000	9,958,000	10,328,000	13,702,000	14,848,000	15,772,000
Forestry, fisheries, and other[7]	1,694,000	2,324,000	2,738,000	2,564,000	2,972,000	3,049,000
Mining	38,944,000	40,170,000	31,986,000	29,877,000	32,222,000	32,556,000
Coal mining	8,482,000	8,183,000	7,886,000	7,178,000	7,026,000	7,030,000
Oil and gas extraction	25,536,000	27,206,000	19,187,000	17,490,000	19,312,000	19,272,000
Metal mining	1,927,000	1,685,000	1,563,000	1,818,000	2,210,000	2,544,000
Nonmetallic minerals, except fuels	2,999,000	3,096,000	3,350,000	3,391,000	3,674,000	3,710,000
Construction	141,180,000	152,686,000	165,957,000	175,534,000	191,060,000	197,097,000
Manufacturing	507,783,000	529,291,000	545,560,000	565,037,000	604,294,000	625,534,000
Nondurable goods	184,354,000	190,626,000	199,181,000	209,473,000	224,227,000	232,631,000
Food and kindred products	37,045,000	38,131,000	39,899,000	41,548,000	43,738,000	45,150,000
Textile mill products	12,610,000	12,250,000	13,121,000	14,245,000	14,709,000	15,175,000
Apparel and other textile products	15,872,000	15,684,000	16,063,000	16,517,000	17,356,000	17,863,000
Paper and allied products	19,927,000	20,665,000	21,671,000	22,726,000	23,940,000	25,132,000
Printing and publishing	31,450,000	34,205,000	36,468,000	39,384,000	43,232,000	44,833,000
Chemicals and allied products	35,153,000	37,084,000	38,866,000	40,437,000	44,989,000	47,145,000
Petroleum and coal products	9,307,000	9,229,000	8,959,000	8,818,000	9,089,000	8,972,000
Tobacco manufactures	2,129,000	2,215,000	2,221,000	2,323,000	2,475,000	2,501,000
Rubber and miscellaneous plastic products	18,075,000	18,632,000	19,515,000	21,015,000	22,183,000	23,316,000
Leather and leather products	2,786,000	2,531,000	2,398,000	2,460,000	2,516,000	2,544,000
Durable goods	323,429,000	338,665,000	346,379,000	355,564,000	380,067,000	392,903,000
Lumber and wood products	14,634,000	15,180,000	16,377,000	17,899,000	19,253,000	19,304,000
Furniture and fixtures	8,793,000	9,295,000	9,750,000	10,647,000	11,324,000	11,654,000
Primary metal industries	29,016,000	27,203,000	26,283,000	26,464,000	28,907,000	30,189,000
Fabricated metal products	37,740,000	39,679,000	40,090,000	40,515,000	43,047,000	44,781,000
Machinery, except electrical	63,324,000	66,086,000	65,234,000	66,775,000	72,669,000	75,513,000
Electric and electronic equipment	58,566,000	61,788,000	62,928,000	64,151,000	66,973,000	68,810,000
Transportation equip. excl. motor vehicles	35,415,000	39,016,000	42,825,000	45,341,000	47,107,000	49,518,000
Motor vehicles and equipment	32,686,000	35,684,000	36,227,000	35,714,000	37,878,000	38,430,000
Stone, clay, and glass products	15,433,000	15,838,000	16,405,000	16,935,000	18,121,000	18,587,000
Instruments and related products	19,447,000	20,580,000	21,725,000	22,047,000	24,697,000	25,813,000
Miscellaneous manufacturing industries	8,375,000	8,316,000	8,535,000	9,076,000	10,091,000	10,304,000
Transportation and public utilities	164,713,000	172,146,000	179,697,000	189,698,000	201,691,000	210,714,000
Railroad transportation	13,884,000	13,434,000	12,755,000	12,380,000	12,529,000	12,594,000
Trucking and warehousing	41,059,000	41,747,000	44,088,000	47,259,000	50,712,000	52,916,000
Water transportation	5,262,000	5,306,000	5,143,000	5,215,000	5,458,000	5,876,000
Other transportation[8]	28,485,000	30,627,000	33,940,000	36,992,000	40,259,000	43,890,000
Communication	44,579,000	46,477,000	47,086,000	50,775,000	53,085,000	53,963,000
Electric, gas, and sanitary services	31,444,000	34,555,000	36,685,000	37,077,000	39,648,000	41,475,000
Wholesale trade	145,784,000	156,910,000	164,567,000	176,587,000	193,843,000	208,020,000
Retail trade	219,754,000	234,226,000	248,963,000	264,055,000	286,591,000	301,737,000
Finance, insurance, and real estate	140,660,000	155,069,000	176,468,000	213,422,000	220,570,000	223,983,000
Banking and credit agencies	51,620,000	55,749,000	62,307,000	67,176,000	71,460,000	74,442,000
Other finance, insurance, and real estate[9]	89,040,000	99,320,000	114,161,000	146,246,000	149,110,000	149,541,000
Services	482,402,000	534,717,000	591,834,000	658,018,000	736,473,000	809,867,000
Hotels and other lodging places	16,129,000	17,646,000	18,763,000	21,304,000	23,361,000	24,849,000
Personal services	20,332,000	24,824,000	26,880,000	28,512,000	32,808,000	36,915,000
Private households	8,763,000	8,863,000	8,907,000	8,957,000	9,527,000	10,047,000
Business services	99,649,000	115,408,000	128,979,000	144,762,000	163,649,000	181,227,000
Auto repair, services, and garages	19,984,000	22,389,000	24,299,000	25,590,000	27,229,000	29,334,000
Miscellaneous repair services	10,015,000	9,697,000	10,596,000	10,667,000	12,211,000	13,345,000
Amusement and recreation services	11,816,000	13,036,000	14,673,000	16,476,000	18,434,000	20,044,000
Motion pictures	5,555,000	6,247,000	6,633,000	7,603,000	8,518,000	9,297,000
Health services	146,691,000	159,020,000	172,682,000	196,245,000	218,062,000	239,056,000
Legal services	38,516,000	42,867,000	49,415,000	55,190,000	63,264,000	69,325,000
Educational services	21,291,000	23,204,000	25,015,000	27,193,000	29,755,000	32,316,000
Social services	12,383,000	13,868,000	15,556,000	17,446,000	19,645,000	22,180,000
Museums, botanical, zoological gardens	529,000	597,000	701,000	778,000	876,000	962,000
Membership organizations	19,977,000	20,895,000	22,137,000	24,236,000	27,013,000	28,783,000
Miscellaneous services	50,772,000	56,156,000	66,598,000	73,059,000	82,121,000	92,187,000
Government and government enterprises	357,184,000	384,166,000	406,315,000	434,052,000	464,907,000	497,541,000
Federal, civilian	79,798,000	84,437,000	84,602,000	90,002,000	97,005,000	102,688,000
Military	36,396,000	38,786,000	40,607,000	42,380,000	43,181,000	44,641,000
State and local	240,990,000	260,943,000	281,106,000	301,670,000	324,721,000	350,212,000

See footnotes at end of tables.

Table 1.—Personal Income for the United States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	United States (Metropolitan portion)					
	1984	1985	1986	1987	1988	1989
Income by Place of Residence						
Total personal income	**2,531,249,097**	**2,718,630,335**	**2,889,239,596**	**3,092,646,750**	**3,350,581,409**	**3,606,279,819**
Nonfarm personal income	2,516,564,840	2,703,557,033	2,872,656,762	3,075,159,838	3,332,520,270	3,587,585,891
Farm income[1]	14,684,257	15,073,302	16,582,834	17,486,912	18,061,139	18,693,928
Population (thousands)[2]	181,187.9	183,260.8	185,561.9	187,738.0	189,867.1	192,116.1
Per capita personal income (dollars)	**13,970**	**14,835**	**15,570**	**16,473**	**17,647**	**18,771**
Derivation of total personal income						
Total earnings by place of work	1,889,384,614	2,037,203,674	2,175,553,292	2,351,835,888	2,550,232,671	2,702,365,283
Less: Personal contributions for social insurance[3]	112,002,507	126,546,734	137,704,999	147,328,114	165,452,655	181,050,674
Plus: Adjustment for residence[4]	-25,711,903	-28,308,665	-30,710,868	-33,332,638	-35,833,178	-37,102,030
Equals: Net earnings by place of residence	1,751,670,204	1,882,348,275	2,007,137,425	2,171,175,136	2,348,946,838	2,484,212,579
Plus: Dividends, interest, and rent[5]	427,202,179	458,380,152	479,726,022	496,445,939	547,026,770	628,495,170
Plus: Transfer payments	352,376,714	377,901,908	402,376,149	425,025,675	454,607,801	493,572,070
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,563,862,780	1,687,591,821	1,796,824,306	1,934,554,690	2,094,316,032	2,215,362,502
Other labor income	155,622,482	160,264,918	170,701,886	179,535,042	193,378,061	207,242,317
Proprietors' income[6]	169,899,352	189,346,935	208,027,100	237,746,156	262,538,578	279,760,464
Farm	10,610,263	11,017,006	12,549,874	13,217,629	13,749,589	14,310,487
Nonfarm	159,289,089	178,329,929	195,477,226	224,528,527	248,788,989	265,449,977
Earnings by industry:						
Farm	14,684,257	15,073,302	16,582,834	17,486,912	18,061,139	18,693,928
Nonfarm	1,874,700,357	2,022,130,372	2,158,970,458	2,334,348,976	2,532,171,532	2,683,671,355
Private	1,580,325,013	1,705,326,714	1,823,703,070	1,975,640,999	2,147,595,307	2,271,638,202
Agricultural services, forestry, fisheries, and other[7]	8,148,235	9,037,439	9,831,941	12,138,900	13,385,709	14,188,670
Agricultural services	7,168,441	7,649,355	8,111,395	10,517,669	11,497,843	12,253,425
Forestry, fisheries, and other[7]	979,794	1,388,084	1,720,546	1,621,231	1,887,866	1,935,245
Mining	23,076,609	24,593,299	18,646,759	17,276,621	19,163,026	19,182,702
Coal mining	1,985,374	1,923,973	1,822,661	1,544,192	1,513,495	1,492,424
Oil and gas extraction	18,758,852	20,428,306	14,460,516	13,143,490	14,788,328	14,707,158
Metal mining	740,692	567,923	487,927	671,809	793,788	928,442
Nonmetallic minerals, except fuels	1,591,691	1,673,097	1,875,655	1,917,130	2,067,415	2,054,678
Construction	116,896,589	127,649,836	140,157,396	148,829,242	162,290,327	167,515,424
Manufacturing	422,083,035	441,820,856	454,020,362	468,055,934	500,455,547	516,762,883
Nondurable goods	146,239,388	151,694,897	158,128,982	166,074,793	178,579,299	184,870,775
Food and kindred products	28,644,332	29,428,460	30,676,205	31,795,426	33,472,505	34,430,765
Textile mill products	7,001,754	6,728,233	7,049,209	7,608,670	7,906,219	8,052,460
Apparel and other textile products	11,149,846	11,060,282	11,329,892	11,616,405	12,242,568	12,538,310
Paper and allied products	14,210,182	14,656,279	15,251,464	16,064,470	16,991,721	17,835,951
Printing and publishing	28,429,723	30,915,797	32,936,588	35,594,479	39,128,070	40,515,275
Chemicals and allied products	30,778,869	32,596,833	34,279,684	35,755,258	39,908,563	41,701,021
Petroleum and coal products	8,239,865	8,203,549	7,941,747	7,765,999	8,010,791	8,032,623
Tobacco manufactures	1,983,431	2,073,987	2,075,453	2,162,653	2,292,614	2,332,471
Rubber and miscellaneous plastic products	13,879,235	14,293,015	14,927,058	16,026,188	16,878,594	17,676,305
Leather and leather products	1,922,151	1,738,462	1,661,682	1,685,245	1,747,654	1,755,594
Durable goods	275,843,647	290,125,959	295,891,380	301,981,141	321,876,248	331,892,108
Lumber and wood products	6,661,125	7,011,508	7,659,509	8,410,197	9,117,747	8,951,674
Furniture and fixtures	6,311,227	6,679,514	6,915,002	7,517,569	7,946,372	8,102,596
Primary metal industries	24,024,041	22,456,465	21,566,608	21,690,198	23,672,214	24,684,113
Fabricated metal products	32,216,506	33,742,960	34,004,383	34,168,613	36,188,860	37,597,511
Machinery, except electrical	54,281,208	56,909,292	56,048,058	57,142,231	62,085,653	64,152,825
Electric and electronic equipment	52,092,808	55,370,756	56,267,627	57,172,969	59,688,117	61,295,622
Transportation equip. excl. motor vehicles	33,434,967	36,954,574	40,491,763	42,780,566	44,190,910	46,381,116
Motor vehicles and equipment	29,875,201	32,722,367	32,993,491	32,157,247	33,881,625	34,217,005
Stone, clay, and glass products	11,557,476	11,883,055	12,314,355	12,675,541	13,633,136	13,910,194
Instruments and related products	18,154,803	19,237,344	20,281,216	20,442,274	22,799,528	23,814,100
Miscellaneous manufacturing industries	7,234,285	7,158,124	7,349,368	7,823,736	8,672,086	8,785,352
Transportation and public utilities	139,039,096	145,851,637	151,619,419	160,810,276	171,313,661	178,883,151
Railroad transportation	10,410,025	9,980,641	9,522,417	9,192,289	9,301,319	9,402,496
Trucking and warehousing	32,019,203	32,920,529	34,863,932	37,531,701	40,464,145	42,143,043
Water transportation	4,760,807	4,777,870	4,670,874	4,730,353	4,933,390	5,084,136
Other transportation[8]	27,116,988	29,257,000	32,329,834	35,288,486	38,377,679	41,863,979
Communication	40,297,065	42,326,030	42,638,160	46,009,473	48,153,554	48,906,252
Electric, gas, and sanitary services	24,435,008	26,589,567	27,594,202	28,057,974	30,083,574	31,483,245
Wholesale trade	131,350,090	141,993,353	149,583,972	160,681,268	176,588,830	189,301,641
Retail trade	183,160,641	196,068,335	209,349,960	222,571,664	241,123,511	253,795,193
Finance, insurance, and real estate	129,643,814	143,710,792	164,232,296	198,327,755	206,072,819	209,335,765
Banking and credit agencies	45,283,361	49,188,809	55,401,533	60,027,965	64,044,304	66,773,433
Other finance, insurance, and real estate[9]	84,360,453	94,521,983	108,830,763	138,299,790	142,028,515	142,562,332
Services	426,926,904	474,601,167	526,260,965	586,949,339	657,201,877	722,672,773
Hotels and other lodging places	13,377,671	14,760,927	15,742,852	17,968,985	19,683,547	20,950,534
Personal services	17,022,446	20,586,609	22,327,150	23,728,097	27,217,323	30,501,357
Private households	7,038,522	7,123,273	7,163,075	7,208,257	7,674,398	8,099,336
Business services	92,256,219	106,963,145	119,765,561	134,813,329	152,285,188	168,513,175
Auto repair, services, and garages	16,522,848	18,530,423	20,153,121	21,343,091	22,763,242	24,496,743
Miscellaneous repair services	8,190,499	8,062,050	8,759,558	8,879,552	10,143,231	11,062,996
Amusement and recreation services	10,601,853	11,645,668	13,119,697	14,769,748	16,597,421	18,049,787
Motion pictures	5,422,002	6,109,382	6,490,528	7,457,666	8,349,878	9,112,589
Health services	127,860,560	138,864,695	151,017,777	172,147,367	191,337,812	209,822,424
Legal services	35,672,869	39,792,429	45,954,350	51,587,343	59,175,292	64,889,522
Educational services	19,287,828	21,037,164	22,677,171	24,663,409	27,035,838	29,333,729
Social services	10,586,032	11,915,838	13,428,346	15,073,789	16,991,555	19,219,866
Museums, botanical, zoological gardens	505,241	565,880	666,019	738,951	831,840	911,087
Membership organizations	16,614,980	17,495,971	18,606,472	20,388,977	22,752,815	24,282,898
Miscellaneous services	45,967,334	51,147,713	60,389,288	66,180,778	74,362,497	83,426,730
Government and government enterprises	294,375,344	316,803,658	335,267,388	358,707,977	384,576,225	412,033,153
Federal, civilian	70,013,365	74,087,182	74,296,987	79,019,898	85,244,105	90,405,380
Military	30,580,409	32,641,030	34,168,209	35,566,899	36,215,241	37,418,056
State and local	193,781,570	210,075,446	226,802,192	244,121,180	263,116,879	284,209,717

See footnotes at end of tables

Table 1.—Personal Income for the United States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	United States (Nonmetropolitan portion)					
	1984	1985	1986	1987	1988	1989
Income by Place of Residence						
Total personal income	**569,913,903**	**598,914,665**	**630,124,404**	**661,930,250**	**707,599,591**	**761,121,181**
Nonfarm personal income	546,328,160	575,063,967	602,419,238	631,584,162	677,397,730	728,561,109
Farm income[1]	23,585,743	23,850,698	27,705,166	30,346,088	30,201,861	32,560,072
Population (thousands)[2]	55,250.9	55,436.8	55,542.1	55,678.4	55,936.2	56,141.6
Per capita personal income (dollars)	**10,315**	**10,804**	**11,345**	**11,888**	**12,650**	**13,557**
Derivation of total personal income						
Total earnings by place of work	358,533,386	373,383,326	393,147,708	418,543,112	447,501,329	474,758,717
Less: Personal contributions for social insurance[3]	20,179,493	22,163,266	23,536,001	24,920,886	27,930,345	31,066,326
Plus: Adjustment for residence[4]	25,201,903	27,774,665	30,195,868	32,789,638	35,252,178	36,515,030
Equals: Net earnings by place of residence	363,555,796	378,994,725	399,807,575	426,411,864	454,823,162	480,207,421
Plus: Dividends, interest, and rent[5]	101,582,821	107,566,848	110,866,978	110,374,061	119,431,230	137,351,830
Plus: Transfer payments	104,775,286	112,353,092	119,449,851	125,144,325	133,345,199	143,561,930
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	267,609,220	279,580,179	289,701,694	306,973,310	328,263,968	347,238,498
Other labor income	27,199,518	27,162,082	28,442,114	29,753,958	31,944,939	34,379,683
Proprietors' income[6]	63,724,648	66,641,065	75,003,900	81,815,844	87,292,422	93,140,536
Farm	18,972,737	19,322,994	23,257,126	25,706,371	25,590,411	27,908,513
Nonfarm	44,751,911	47,318,071	51,746,774	56,109,473	61,702,011	65,232,023
Earnings by industry:						
Farm	23,585,743	23,850,698	27,705,166	30,346,088	30,201,861	32,560,072
Nonfarm	334,947,643	349,532,628	365,442,542	388,197,024	417,299,468	442,198,645
Private	272,138,987	282,170,286	294,394,930	312,853,001	336,968,693	356,690,798
Agricultural services, forestry, fisheries, and other[7]	3,095,765	3,244,561	3,234,059	4,127,100	4,434,291	4,632,330
Agricultural services	2,381,559	2,308,645	2,216,605	3,184,331	3,350,157	3,518,575
Forestry, fisheries, and other[7]	714,206	935,916	1,017,454	942,769	1,084,134	1,113,755
Mining	15,867,391	15,576,701	13,339,241	12,600,379	13,058,974	13,373,298
Coal mining	6,496,626	6,259,027	6,063,339	5,633,808	5,512,505	5,537,576
Oil and gas extraction	6,777,148	6,777,694	4,726,484	4,346,510	4,523,672	4,564,842
Metal mining	1,186,308	1,117,077	1,075,073	1,146,191	1,416,212	1,615,558
Nonmetallic minerals, except fuels	1,407,309	1,422,903	1,474,345	1,473,870	1,606,585	1,655,322
Construction	24,283,411	25,036,164	25,799,604	26,704,758	28,769,673	29,581,576
Manufacturing	85,699,965	87,470,144	91,539,638	96,981,066	103,838,453	108,771,117
Nondurable goods	38,114,612	38,931,103	41,052,018	43,398,207	45,647,701	47,760,225
Food and kindred products	8,400,668	8,702,540	9,222,795	9,752,574	10,265,495	10,719,235
Textile mill products	5,608,246	5,521,767	6,071,791	6,636,330	6,802,781	7,122,540
Apparel and other textile products	4,722,154	4,623,718	4,733,108	4,900,595	5,113,432	5,324,690
Paper and allied products	5,716,818	6,008,721	6,419,536	6,661,530	6,948,279	7,296,049
Printing and publishing	3,020,277	3,289,203	3,531,412	3,789,521	4,103,930	4,317,725
Chemicals and allied products	4,374,131	4,487,167	4,586,316	4,681,742	5,080,437	5,443,979
Petroleum and coal products	1,067,135	1,025,451	1,017,253	1,052,001	1,078,209	939,377
Tobacco manufactures	145,569	141,013	145,547	160,347	182,386	168,529
Rubber and miscellaneous plastic products	4,195,765	4,338,985	4,587,942	4,988,812	5,304,406	5,639,695
Leather and leather products	863,849	792,538	736,318	774,755	768,346	788,406
Durable goods	47,585,353	48,539,041	50,487,620	53,582,859	58,190,752	61,010,892
Lumber and wood products	7,972,875	8,168,492	8,717,491	9,488,803	10,135,253	10,352,326
Furniture and fixtures	2,481,773	2,615,486	2,834,998	3,129,431	3,377,628	3,551,404
Primary metal industries	4,991,959	4,746,535	4,716,392	4,773,802	5,234,786	5,504,887
Fabricated metal products	5,523,494	5,936,040	6,085,617	6,346,387	6,858,140	7,183,489
Machinery, except electrical	9,042,792	9,176,708	9,185,942	9,632,769	10,583,347	11,360,175
Electric and electronic equipment	6,473,192	6,417,244	6,660,373	6,978,031	7,284,883	7,514,378
Transportation equip. excl. motor vehicles	1,980,033	2,061,426	2,333,237	2,560,434	2,916,090	3,136,884
Motor vehicles and equipment	2,810,799	2,961,633	3,233,509	3,556,753	3,996,375	4,212,995
Stone, clay, and glass products	3,875,524	3,954,945	4,090,645	4,259,459	4,487,864	4,676,806
Instruments and related products	1,292,197	1,342,656	1,443,784	1,604,726	1,897,472	1,998,900
Miscellaneous manufacturing industries	1,140,715	1,157,876	1,185,632	1,252,264	1,418,914	1,518,648
Transportation and public utilities	25,673,904	26,294,363	28,077,581	28,887,724	30,377,339	31,830,849
Railroad transportation	3,473,975	3,453,359	3,232,583	3,187,711	3,227,681	3,191,504
Trucking and warehousing	9,039,797	8,826,471	9,224,068	9,727,299	10,247,855	10,772,957
Water transportation	501,193	528,130	472,126	484,647	524,610	791,864
Other transportation[8]	1,368,012	1,370,000	1,610,166	1,703,514	1,881,321	2,026,021
Communication	4,281,935	4,150,970	4,447,840	4,765,527	4,931,446	5,056,748
Electric, gas, and sanitary services	7,008,992	7,965,433	9,090,798	9,019,026	9,564,426	9,991,755
Wholesale trade	14,433,910	14,916,647	14,983,028	15,905,732	17,254,170	18,718,359
Retail trade	36,593,359	38,157,665	39,613,040	41,483,336	45,467,489	47,941,807
Finance, insurance, and real estate	11,016,186	11,358,208	12,235,704	15,094,245	14,497,181	14,647,235
Banking and credit agencies	6,336,639	6,560,191	6,905,467	7,148,035	7,415,696	7,668,567
Other finance, insurance, and real estate[9]	4,679,547	4,798,017	5,330,237	7,946,210	7,081,485	6,978,668
Services	55,475,096	60,115,833	65,573,035	71,068,661	79,271,123	87,194,227
Hotels and other lodging places	2,751,329	2,885,073	3,020,148	3,335,015	3,677,453	3,898,466
Personal services	3,309,554	4,237,391	4,552,850	4,783,903	5,590,677	6,413,643
Private households	1,724,478	1,739,727	1,743,925	1,748,743	1,852,602	1,947,664
Business services	7,392,781	8,444,855	9,213,439	9,948,671	11,363,812	12,713,825
Auto repair, services, and garages	3,461,152	3,858,577	4,145,879	4,246,909	4,465,758	4,837,257
Miscellaneous repair services	1,824,501	1,634,950	1,836,442	1,787,448	2,067,769	2,282,004
Amusement and recreation services	1,214,147	1,390,332	1,553,303	1,706,252	1,836,579	1,994,213
Motion pictures	132,998	137,618	142,472	145,334	168,122	184,411
Health services	18,830,440	20,155,305	21,664,223	24,097,633	26,724,188	29,233,576
Legal services	2,843,131	3,074,571	3,460,650	3,602,657	4,088,708	4,435,478
Educational services	2,003,172	2,166,836	2,337,829	2,529,591	2,719,162	2,982,271
Social services	1,796,968	1,952,162	2,127,654	2,372,211	2,653,445	2,960,134
Museums, botanical, zoological gardens	23,759	31,120	34,981	39,049	44,160	50,913
Membership organizations	3,362,020	3,399,029	3,530,528	3,847,023	4,260,185	4,500,102
Miscellaneous services	4,804,666	5,008,287	6,208,712	6,878,222	7,758,503	8,760,270
Government and government enterprises	62,808,656	67,362,342	71,047,612	75,344,023	80,330,775	85,507,847
Federal, civilian	9,784,635	10,349,818	10,305,013	10,982,102	11,760,895	12,282,620
Military	5,815,591	6,144,970	6,438,791	6,813,101	6,965,759	7,222,944
State and local	47,208,430	50,867,554	54,303,808	57,548,820	61,604,121	66,002,283

See footnotes at end of tables.

Table 2.—Twenty Highest and Lowest Per Capita Personal Incomes for Counties in the United States, 1989

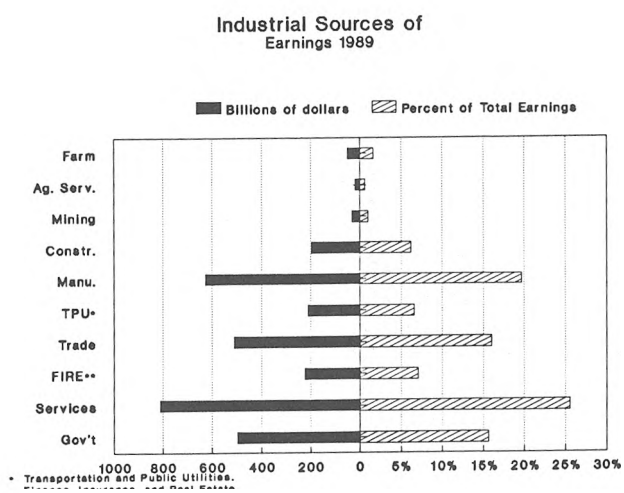
[Counties with total personal incomes of 50 million dollars or more]

County	Twenty highest per capita incomes		County	Twenty lowest per capita incomes	
	Dollars	Percent of national average		Dollars	Percent of national average
Haines Borough, Alaska[1]	37,548	213.4	Starr, Texas	4,549	25.9
New York, New York	35,193	200.1	Shannon, South Dakota	5,294	30.1
Marin, California	34,983	198.9	Maverick, Texas	6,155	35.0
Pitkin, Colorado	33,108	188.2	Dimmit, Texas	6,576	37.4
Arlington, Virginia	33,039	187.8	Zavala, Texas	6,739	38.3
Somerset, New Jersey	32,469	184.6	McCreary, Kentucky	6,834	38.8
Fairfield, Connecticut	31,438	178.7	Todd, South Dakota	7,053	40.1
Alexandria City, Virginia	31,264	177.7	Madison, Louisiana	7,096	40.3
Westchester, New York	31,188	177.3	Willacy, Texas	7,199	40.9
Cheyenne, Colorado	31,117	176.9	Zapata, Texas	7,334	41.7
Bergen, New Jersey	30,967	176.0	Apache, Arizona	7,406	42.1
Hunterdon, New Jersey	30,301	172.2	Clay, West Virginia	7,427	42.2
Morris, New Jersey	29,981	170.4	Jackson, Kentucky	7,479	42.5
Montgomery, Maryland	29,639	168.5	Perry, Alabama	7,643	43.4
Nassau, New York	28,678	163.0	Magoffin, Kentucky	7,772	44.2
Fairfax, F'fx City, Falls Ch., Va	28,366	161.2	St. Helena, Louisiana	7,777	44.2
Howard, Maryland	28,252	160.6	Summers, West Virginia	7,791	44.3
Valdez-Cordova, Alaska[1]	27,727	157.6	Jefferson, Mississippi	7,813	44.4
San Mateo, California	27,659	157.2	Hidalgo, Texas	7,814	44.4
Kiowa, Colorado	26,916	153.0	Clay, Kentucky	7,869	44.7

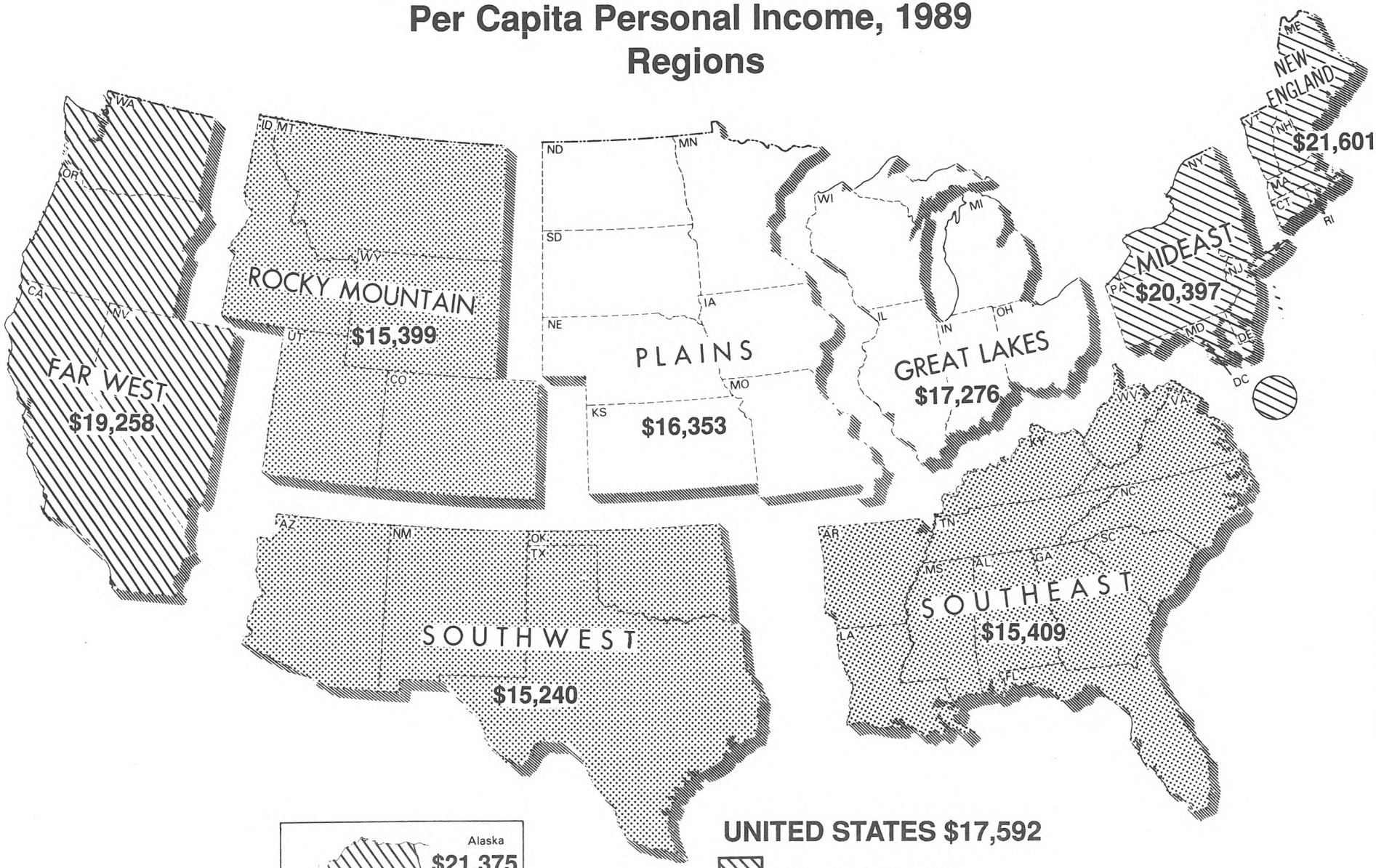
[1] Census division, Alaska does not have county units.

Table 3.—Total and Per Capita Personal Income and Population by Region, 1984–89

Area	Total personal income			Per capita personal income					Total population		
	Millions of dollars		Percent change	Dollars		Percent change	Percent of national average		Thousands		Percent change
	1984	1989	1984–89	1984	1989	1984–89	1984	1989	1984	1989	1984–89
United States	3,101,163	4,367,401	40.8	13,116	17,592	34.1	100.0	100.0	236,439	248,258	5.0
Metropolitan portion	2,531,249	3,606,280	42.5	13,970	18,771	34.4	106.5	106.7	181,188	192,116	6.0
Nonmetropolitan portion	569,914	761,121	33.6	10,315	13,557	31.4	78.6	77.1	55,251	56,142	1.6
New England region	187,447	281,781	50.3	14,910	21,601	44.9	113.7	122.8	12,572	13,045	3.8
Metropolitan portion	161,864	241,936	49.5	15,399	22,336	45.1	117.4	127.0	10,511	10,832	3.1
Nonmetropolitan portion	25,583	39,846	55.8	12,415	18,005	45.0	94.7	102.3	2,061	2,213	7.4
Mideast region	621,851	891,442	43.4	14,563	20,397	40.1	111.0	115.9	42,702	43,704	2.4
Metropolitan portion	580,499	833,288	43.6	14,957	20,971	40.2	114.0	119.2	38,811	39,736	2.4
Nonmetropolitan portion	41,353	58,154	40.6	10,627	14,657	37.9	81.0	83.3	3,891	3,968	2.0
Great Lakes region	539,149	730,969	35.6	12,964	17,276	33.3	98.8	98.2	41,587	42,310	1.7
Metropolitan portion	435,881	595,729	36.7	13,577	18,218	34.2	103.5	103.6	32,104	32,700	1.9
Nonmetropolitan portion	103,268	135,239	31.0	10,890	14,073	29.2	83.0	80.0	9,483	9,610	1.3
Plains region	220,093	291,915	32.6	12,567	16,353	30.1	95.8	93.0	17,513	17,851	1.9
Metropolitan portion	134,121	184,154	37.3	13,907	18,107	30.2	106.0	102.9	9,644	10,171	5.5
Nonmetropolitan portion	85,972	107,761	25.3	10,925	14,031	28.4	83.3	79.8	7,869	7,680	-2.4
Southeast region	634,235	914,325	44.2	11,368	15,409	35.6	86.7	87.6	55,791	59,338	6.4
Metropolitan portion	451,751	664,744	47.2	12,515	16,961	35.5	95.4	96.4	36,096	39,193	8.6
Nonmetropolitan portion	182,484	249,581	36.8	9,265	12,389	33.7	70.6	70.4	19,695	20,146	2.3
Southwest region	296,109	385,742	30.3	12,410	15,240	22.8	94.6	86.6	23,860	25,312	6.1
Metropolitan portion	235,100	310,277	32.0	13,142	16,055	22.2	100.2	91.3	17,889	19,325	8.0
Nonmetropolitan portion	61,008	75,466	23.7	10,218	12,607	23.4	77.9	71.7	5,971	5,986	.3
Rocky Mountain region	86,932	112,678	29.6	12,159	15,399	26.7	92.7	87.5	7,149	7,317	2.4
Metropolitan portion	57,819	75,658	30.9	13,264	16,526	24.6	101.1	93.9	4,359	4,578	5.0
Nonmetropolitan portion	29,113	37,020	27.2	10,434	13,515	29.5	79.6	76.8	2,790	2,739	-1.8
Far West region	492,579	726,816	47.6	14,607	19,258	31.8	111.4	109.5	33,723	37,740	11.9
Metropolitan portion	458,527	678,930	48.1	14,914	19,668	31.9	113.7	111.8	30,745	34,519	12.3
Nonmetropolitan portion	34,053	47,886	40.6	11,433	14,866	30.0	87.2	84.5	2,979	3,221	8.2
Alaska	9,140	11,254	23.1	18,089	21,375	18.2	137.9	121.5	505	527	4.2
Hawaii	13,628	20,477	50.3	13,154	18,379	39.7	100.3	104.5	1,036	1,114	7.6



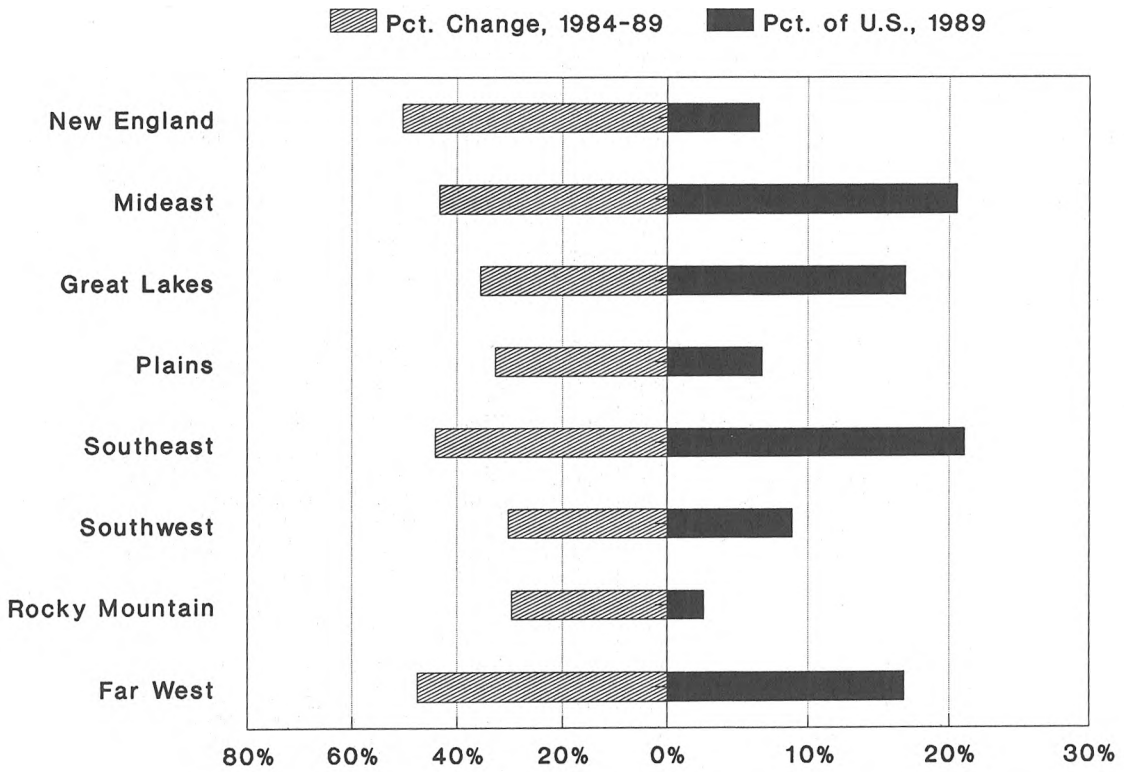
Per Capita Personal Income, 1989
Regions



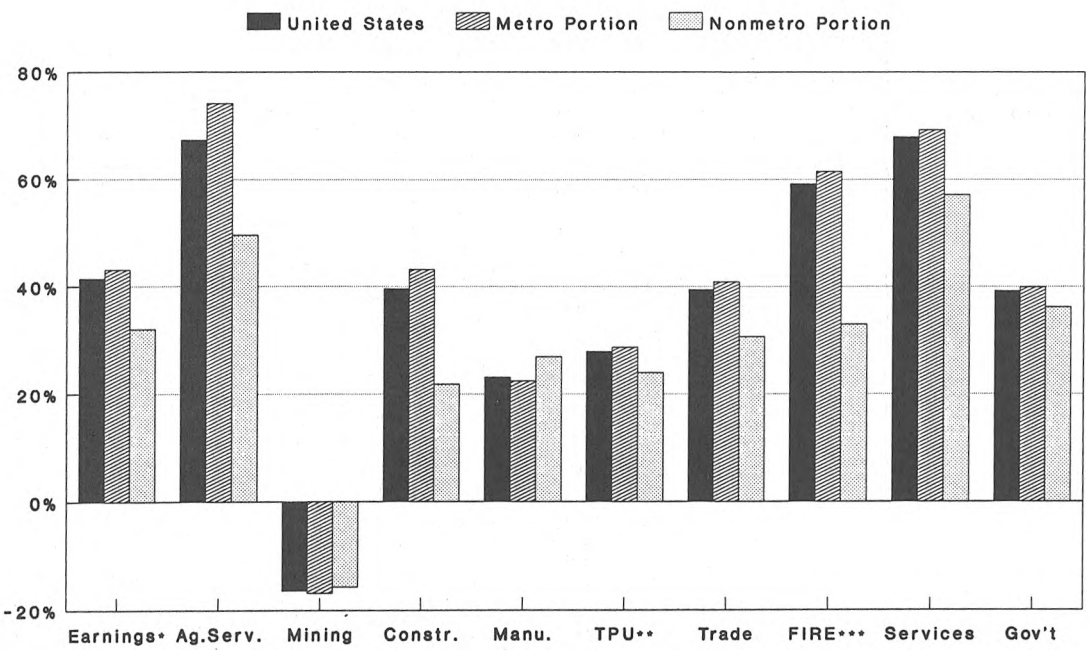
U.S. Department of Commerce, Bureau of Economic Analysis

LOCAL AREA PERSONAL INCOME

Total Personal Income



Earnings Percent Change by Nonfarm Industry 1984-89



* Total Nonfarm Earnings.
** Transportation and Public Utilities.
*** Finance, Insurance, and Real Estate.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89

[Thousands of dollars]

	New England						New England (Metropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**187,446,978**	**201,985,582**	**218,577,264**	**239,480,802**	**263,581,944**	**281,781,405**	**161,864,211**	**174,330,123**	**188,364,551**	**205,952,590**	**226,663,834**	**241,935,831**
Nonfarm personal income	186,814,284	201,387,659	217,863,312	238,721,551	262,817,027	281,036,181	161,491,365	173,974,324	187,915,665	205,521,652	226,208,724	241,505,838
Farm income[1]	632,694	597,923	713,952	759,251	764,917	745,224	372,846	355,799	448,886	430,938	455,110	429,993
Population (thousands)[2]	12,571.8	12,657.4	12,741.2	12,843.3	12,963.6	13,045.0	10,511.1	10,573.8	10,638.7	10,704.3	10,782.2	10,831.9
Per capita personal income (dollars)	**14,910**	**15,958**	**17,155**	**18,646**	**20,332**	**21,601**	**15,399**	**16,487**	**17,706**	**19,240**	**21,022**	**22,336**
Derivation of total personal income:												
Total earnings by place of work	133,093,047	145,468,899	158,935,746	176,664,161	194,600,045	203,588,320	117,750,629	128,727,511	140,420,467	155,686,058	171,471,917	179,113,835
Less: Personal contributions for social insurance[3]	7,719,837	8,833,022	9,828,873	10,639,663	12,131,585	13,144,717	6,862,089	7,849,697	8,740,306	9,435,547	10,753,779	11,623,980
Plus: Adjustment for residence	2,898,022	3,039,509	3,085,816	3,224,825	3,365,061	3,512,389	1,088,820	993,262	805,403	625,796	502,385	531,469
Equals: Net earnings by place of residence	128,271,232	139,675,386	152,192,689	169,249,323	185,833,521	193,955,992	111,977,360	121,871,076	132,485,564	146,876,307	161,220,523	168,021,324
Plus: Dividends, interest, and rent[4]	33,177,881	34,999,719	37,273,125	39,649,458	44,703,396	51,199,159	28,128,563	29,623,546	31,499,285	33,430,149	37,696,203	43,087,548
Plus: Transfer payments	25,997,865	27,310,477	29,111,450	30,582,021	33,045,027	36,626,254	21,758,288	22,835,501	24,379,702	25,646,134	27,747,108	30,826,959
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	109,885,301	119,978,321	130,954,912	144,592,388	158,968,988	165,904,750	97,970,120	107,034,931	116,671,557	128,661,807	141,456,014	147,395,019
Other labor income	11,429,793	11,959,302	12,870,385	13,853,600	15,121,509	15,927,586	10,204,567	10,691,202	11,461,685	12,301,619	13,401,831	14,079,552
Proprietors' income[6]	11,777,953	13,531,276	15,110,449	18,218,173	20,509,548	21,755,984	9,575,942	11,001,378	12,287,225	14,722,632	16,614,072	17,639,264
Farm	438,880	406,884	526,196	562,647	567,322	544,859	261,211	245,784	340,723	318,043	341,313	315,184
Nonfarm	11,339,073	13,124,392	14,584,253	17,655,526	19,942,226	21,211,125	9,314,731	10,755,594	11,946,502	14,404,589	16,272,759	17,324,080
Earnings by industry:												
Farm	632,694	597,923	713,952	759,251	764,917	745,224	372,846	355,799	448,886	430,938	455,110	429,993
Nonfarm	132,460,353	144,870,976	158,221,794	175,904,910	193,835,128	202,843,096	117,377,783	128,371,712	139,971,581	155,255,120	171,016,807	178,683,842
Private	115,728,033	126,553,767	138,690,598	154,609,084	170,433,338	177,625,428	103,274,809	112,904,434	123,481,168	137,274,871	151,254,547	157,439,499
Agricultural services, forestry, fisheries, and other[7]	580,199	781,190	949,293	1,143,900	1,315,237	1,341,654	441,602	569,463	695,743	863,390	986,796	1,006,300
Agricultural services	407,927	470,318	538,882	758,076	858,228	877,821	327,174	377,436*	441,152	602,408*	671,878*	(D)
Forestry, fisheries, and other[7]	172,272	310,872	410,411	385,824	457,009	463,833	114,428	185,747*	254,591	251,617*	(D)	(D)
Mining	440,729	591,509	289,214	304,831	406,448	383,197	365,150	493,780	241,920	253,383	338,869	318,150
Coal mining	27,188	(D)	35,396	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	327,695	460,613	135,431	142,107	217,753	222,360	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	3,133	(D)	687	1,818	2,476	19,399	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	82,713	92,672	117,700	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	7,927,236	9,220,916	11,028,514	13,056,920	14,669,406	14,071,047	6,664,770	7,708,991	9,131,227	10,728,696	12,092,116	11,536,164
Manufacturing	38,273,205	39,724,357	40,828,745	41,905,408	43,973,438	44,550,540	34,232,197	35,579,113	36,436,788	37,257,690	39,030,373	39,403,794
Nondurable goods	10,807,342	11,056,638	11,487,939	11,984,286	12,618,438	12,814,571	9,234,623*	9,463,739*	9,854,521*	10,281,630*	10,851,890*	10,981,450*
Food and kindred products	1,174,149	1,228,862	1,275,527	1,313,577	1,384,318	1,387,901	970,270*	1,003,854*	1,044,524*	1,125,765*	1,187,655*	1,193,781*
Textile mill products	958,721	906,085	907,901	940,345	965,533	948,156	724,534*	687,452*	690,947*	(D)	(D)	(D)
Apparel and other textile products	826,444	788,757	771,716	710,716	725,587	669,865	726,108*	697,486*	663,262*	610,125*	621,471*	564,686*
Paper and allied products	1,883,445	1,905,554	1,971,886	2,067,922	2,172,593	2,209,117	1,203,854*	1,194,878*	(D)	1,294,451*	1,453,375*	1,478,266*
Printing and publishing	2,160,005	2,400,684	2,622,423	2,918,292	3,197,578	3,275,807	1,971,297*	2,184,820*	2,376,970*	2,644,931*	2,900,478*	2,973,605*
Chemicals and allied products	1,578,708	1,670,410	1,780,656	1,821,565	1,907,500	2,059,605	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	83,623	88,310	95,569	110,907	122,684	113,851	(D)	72,862*	77,671*	90,869*	109,379*	96,018*
Tobacco manufactures	27,676	30,220	31,757	32,631	34,647	17,800	(D)	30,206*	31,757	(D)	(D)	(D)
Rubber and misc. plastic products	1,440,320	1,463,984	1,520,459	1,565,251	1,596,306	1,610,488	1,283,146*	1,305,576*	1,353,457*	1,396,189*	1,431,273	1,373,140*
Leather and leather products	674,251	573,772	510,045	503,080	511,692	521,981	(D)	(D)	(D)	(D)	368,813*	371,418*
Durable goods	27,465,863	28,667,719	29,340,806	29,921,122	31,355,000	31,735,969	24,997,181*	26,114,901*	26,581,892*	26,975,697*	28,177,968*	28,421,792*
Lumber and wood products	678,520	720,566	799,432	903,743	942,460	891,482	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	327,097	356,808	393,794	419,131	436,693	415,958	(D)	239,907*	273,997*	290,495*	(D)	(D)
Primary metal industries	1,303,753	1,124,470	1,152,121	1,170,717	1,234,532	1,158,657	(D)	(D)	(D)	950,409*	1,070,891*	1,019,260*
Fabricated metal products	3,088,165	3,120,566	3,057,835	3,121,624	3,340,122	3,534,593	2,786,261*	2,797,062*	2,732,768*	2,770,246*	2,961,298*	2,955,589*
Machinery, except electrical	5,796,122	6,146,416	6,269,803	6,731,922	7,197,406	7,377,626	5,324,343*	5,592,142*	5,710,914*	6,151,417*	6,586,797*	6,849,859
Electric and electronic equipment	6,622,369	7,073,073	7,114,415	6,697,790	6,895,566	6,850,065	5,848,805*	6,259,582*	6,258,308*	5,830,311*	5,955,236*	5,867,995*
Transportation equip. excl. motor vehicles	4,508,735	4,885,459	5,138,707	5,277,113	5,296,788	5,515,125	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	354,199	354,707	340,961	320,488	276,437	284,442	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	668,160	697,992	713,667	778,934	879,305	875,669	514,437*	526,510*	526,998*	565,887*	647,590*	644,813*
Instruments and related products	2,841,124	2,899,641	3,031,374	3,118,188	3,376,087	3,330,536	2,653,295*	2,708,860*	2,772,888*	2,872,030*	3,133,293*	3,040,487*
Miscellaneous manufacturing industries	1,277,619	1,288,021	1,328,697	1,381,472	1,479,604	1,501,816	1,177,339*	1,180,397*	1,213,511*	1,243,881*	1,343,610*	1,348,297*
Transportation and public utilities	7,323,363	7,817,452	7,994,520	8,881,325	9,596,254	9,901,871	6,547,355	6,984,602	7,151,369	7,923,264	8,506,212	8,754,542
Railroad transportation	305,429	280,020	223,972	217,283	213,213	207,164	(D)	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	1,706,573	1,772,852	1,924,644	2,137,880	2,309,043	2,351,673	1,466,178	1,527,188	1,640,192*	1,807,306*	1,948,067*	1,978,384
Water transportation	131,018	153,660	169,480	192,538	202,463	196,148	101,921*	117,854*	132,620*	151,165*	(D)	(D)
Other transportation[8]	1,229,950	1,365,316	1,474,208	1,630,835	1,781,142	1,884,636	(D)	(D)	(D)	(D)	(D)	(D)
Communication	2,407,032	2,567,243	2,458,072	2,844,634	3,006,352	2,989,894	2,145,407*	2,291,811*	2,199,299*	2,526,887*	2,734,279*	2,716,630*
Electric, gas, and sanitary services	1,543,361	1,678,361	1,744,144	1,858,155	2,084,041	2,272,356	1,266,617*	1,377,489*	1,426,007*	1,529,761*	1,711,617*	1,913,108*
Wholesale trade	8,064,661	9,040,618	9,889,685	11,391,146	12,849,955	13,671,861	7,528,567	8,431,822	9,207,849	10,601,318	11,957,842	12,704,250
Retail trade	12,927,848	14,217,504	15,939,648	17,651,066	19,552,276	20,327,429	11,101,337	12,213,810	13,690,468	15,128,541	16,690,568	17,322,151
Finance, insurance, and real estate	8,999,620	10,042,099	11,836,718	15,115,800	16,271,712	16,337,348	8,513,984	9,511,618	11,208,149	14,169,373	15,370,505	15,452,437
Banking and credit agencies	2,754,052	3,081,184	3,640,126	4,211,184	4,699,851	4,961,337	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	6,245,568	6,960,915	8,196,592	10,904,616	11,571,861	11,376,011	(D)	(D)	7,214,029*	(D)	(D)	(D)
Services	31,191,172	35,118,122	39,934,261	45,158,688	51,798,612	57,040,481	27,879,847	31,411,235	35,717,655	40,349,216	46,281,266	50,941,711
Hotels and other lodging places	755,559	855,350	956,007	1,135,342	1,262,423	1,366,636	457,970*	(D)	(D)	(D)	(D)	(D)
Personal services	1,161,334	1,461,664	1,623,487	1,784,785	2,094,099	2,367,321	(D)	(D)	(D)	(D)	(D)	(D)
Private households	393,774	396,473	395,935	397,000	421,712	442,638	294,621*	296,467*	295,723*	296,058*	315,041*	330,133*
Business services	6,570,544	7,745,406	9,124,993	10,524,488	12,204,376	13,236,639	6,154,161*	7,242,130*	8,530,382*	9,829,335	11,379,641	12,327,833
Auto repair, services, and garages	1,101,796	1,262,380	1,422,358	1,542,164	1,687,344	1,807,566	951,896	1,092,019	1,228,499	1,328,385	1,456,266	1,553,161
Miscellaneous repair services	479,545	482,370	579,962	604,655	723,612	787,885	414,701	423,539	505,529*	526,500	634,308	689,644
Amusement and recreation services	535,065	616,094	712,619	808,652	904,266	970,505	444,667*	503,288*	590,194*	668,263*	749,982*	820,901*
Motion pictures	110,739	132,109	149,042	163,180	193,450	201,716	95,615*	(D)	(D)	137,677*	165,078*	174,260*
Health services	10,007,829	10,912,847	11,832,984	13,433,058	15,400,389	17,302,103	8,896,441	9,704,362	10,509,972	11,933,434	13,671,497	15,369,410
Legal services	2,138,788	2,422,297	2,883,608	3,251,754	3,779,317	4,162,004	1,969,651	2,232,306	2,660,999	3,003,342	3,489,050	3,843,982
Educational services	2,841,194	3,102,468	3,428,881	3,719,181	3,997,161	4,361,862	(D)	(D)	(D)	(D)	(D)	(D)
Social services	953,411	1,096,217	1,260,563	1,477,812	1,740,886	1,973,872	826,139	953,402*	1,097,265*	1,291,162*	1,525,736*	1,725,688*
Museums, botanical, zoological gardens	55,019	64,855	71,867	82,203	93,961	102,942	(D)	(D)	(D)	(D)	76,382*	87,199*
Membership organizations	968,870	1,009,000	1,110,990	1,260,588	1,440,174	1,548,528	824,872*	861,706*	952,906*	1,077,290*	1,227,494*	1,357,875
Miscellaneous services	3,117,705	3,558,592	4,380,965	4,973,826	5,855,442	6,408,264	2,818,808	3,222,842	3,943,819	4,454,196	5,257,956	5,743,657
Government and government enterprises	16,732,320	18,317,209	19,531,196	21,295,826	23,401,790	25,217,668	14,102,974	15,467,278	16,490,413	17,980,249	19,762,260	21,244,343
Federal, civilian	3,180,807	3,365,175	3,396,194	3,650,637	3,973,414	4,212,347	2,515,570	2,662,803	2,706,164	2,918,655	3,180,404	3,350,900
Military	1,218,481	1,292,954	1,371,008	1,413,984	1,458,856	1,497,139	933,519	981,708	1,022,414	1,053,405	1,092,011	1,121,768
State and local	12,333,032	13,659,080	14,763,994	16,231,205	17,969,520	19,508,182	10,653,885	11,822,767	12,761,835	14,008,189	15,489,845	16,771,675

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	New England (Nonmetropolitan portion)						Mideast					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**25,582,767**	**27,655,459**	**30,212,713**	**33,528,212**	**36,918,110**	**39,845,574**	**621,851,463**	**664,783,848**	**707,565,131**	**760,966,767**	**829,965,813**	**891,442,158**
Nonfarm personal income	25,322,919	27,413,335	29,947,647	33,199,899	36,608,303	39,530,343	619,592,575	662,616,795	705,176,613	758,538,741	827,483,862	888,611,161
Farm income[1]	259,848	242,124	265,066	328,313	309,807	315,231	2,258,888	2,167,053	2,388,518	2,428,026	2,481,951	2,830,997
Population (thousands)[2]	2,060.7	2,083.6	2,102.5	2,139.0	2,181.4	2,213.1	42,701.9	42,809.1	43,050.0	43,257.6	43,531.7	43,703.8
Per capita personal income (dollars)	**12,415**	**13,273**	**14,370**	**15,674**	**16,924**	**18,005**	**14,563**	**15,529**	**16,436**	**17,592**	**19,066**	**20,397**
Derivation of total personal income:												
Total earnings by place of work	15,342,418	16,741,388	18,515,279	20,978,103	23,128,128	24,474,485	447,611,221	481,888,950	518,009,571	565,447,449	616,723,106	650,598,129
Less: Personal contributions for social insurance[3]	857,748	983,325	1,088,567	1,204,116	1,377,806	1,520,737	28,448,090	32,047,730	35,612,444	38,566,442	43,563,544	47,276,545
Plus: Adjustment for residence	1,809,202	2,046,247	2,280,413	2,599,029	2,862,676	2,980,920	−6,359,522	−6,469,364	−6,641,245	−6,996,367	−7,378,540	−8,019,973
Equals: Net earnings by place of residence	16,293,872	17,804,310	19,707,125	22,373,016	24,612,998	25,934,668	412,803,609	443,371,856	475,755,882	519,884,640	565,781,022	595,301,611
Plus: Dividends, interest, and rent[5]	5,049,318	5,376,173	5,773,840	6,219,309	7,007,193	8,111,611	110,160,565	117,140,268	121,934,187	126,023,180	141,624,240	162,656,312
Plus: Transfer payments	4,239,577	4,474,976	4,731,748	4,935,887	5,297,919	5,799,295	98,887,289	104,271,724	109,875,062	115,058,947	122,560,551	133,484,235
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	11,915,181	12,943,390	14,283,355	15,930,581	17,512,974	18,509,731	371,369,925	399,663,323	429,551,047	467,005,256	508,612,645	535,204,456
Other labor income	1,225,226	1,268,100	1,408,700	1,551,981	1,719,678	1,848,034	36,201,414	36,960,343	39,302,492	41,368,568	44,513,688	47,406,941
Proprietors' income[6]	2,202,011	2,529,898	2,823,224	3,495,541	3,895,476	4,116,720	40,039,882	45,265,284	49,156,032	57,073,625	63,596,773	67,986,732
Farm	177,669	161,100	185,473	244,604	226,009	229,675	1,628,782	1,540,669	1,767,688	1,773,618	1,824,850	2,162,196
Nonfarm	2,024,342	2,368,798	2,637,751	3,250,937	3,669,467	3,887,045	38,411,100	43,724,615	47,388,344	55,300,007	61,771,923	65,824,536
Earnings by industry:												
Farm	259,848	242,124	265,066	328,313	309,807	315,231	2,258,888	2,167,053	2,388,518	2,428,026	2,481,951	2,830,997
Nonfarm	15,082,570	16,499,264	18,250,213	20,649,790	22,818,321	24,159,254	445,352,333	479,721,897	515,621,053	563,019,423	614,241,155	647,767,132
Private	12,453,224	13,649,333	15,209,430	17,334,213	19,178,791	20,185,929	372,215,080	401,914,071	433,120,852	474,007,490	518,099,960	544,140,471
Agricultural services, forestry, fisheries, and other[7]	138,597	211,727	253,550	277,343*	323,464*	335,354	1,546,123	1,708,297	1,877,280	2,345,937	2,573,543	2,718,172
Agricultural services	(D)	(D)	90,608*	(D)	154,659*	(D)	1,174,692	1,272,677	1,391,077	1,836,844	2,018,308	2,142,824
Forestry, fisheries, and other[7]	56,861*	(D)	155,614*	(D)	156,173*	(D)	371,431	435,620	486,203	509,093	555,235	575,348
Mining	75,579	97,729	47,294	48,308*	62,523*	65,047	2,833,905	3,194,196	2,151,097	2,055,421	2,385,701	2,437,256
Coal mining	507	(D)	545*	(D)	367*	(D)	1,264,561	1,151,364	1,091,527	965,846	937,520	913,605
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,233,012	1,686,327	664,281	649,352	962,459	1,003,351
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	45,630	35,220	30,463	48,421	50,756	47,423
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	290,702	321,285	364,826	391,802	434,966	472,877
Construction	1,262,466	1,511,925	1,897,287	2,328,224	2,577,290	2,534,883	23,498,935	26,593,409	30,474,560	34,038,438	37,752,608	38,736,301
Manufacturing	4,041,008	4,145,244	4,391,957	4,647,718	4,943,065	5,146,746	94,906,093	97,598,750	98,919,079	101,079,278	107,552,311	109,643,336
Nondurable goods	1,565,152*	1,585,819*	1,625,844*	1,695,084*	1,760,484*	1,821,977*	40,843,769	42,285,262	43,401,724	44,835,900	48,360,333	49,485,774
Food and kindred products	135,271*	(D)	162,068*	168,643*	(D)	175,201*	6,395,250	6,691,627	6,957,206	7,182,973	7,551,525	7,807,527
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	1,513,390	1,490,195	1,514,964	1,597,345	1,630,803	1,664,606
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	4,885,799	4,769,969	4,700,018	4,702,046	4,883,626	4,873,451
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,614,736	3,660,182	3,714,498	3,859,143	4,037,026	4,149,958
Printing and publishing	178,806*	204,778*	231,189*	250,853*	281,266*	284,331*	8,564,954	9,298,990	9,862,099	10,679,186	11,785,808	11,922,716
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	10,156,325	10,731,799	11,161,595	11,613,355	12,997,119	13,441,151
Petroleum and coal products	7,791	(D)	(D)	(D)	(D)	(D)	2,287,683	2,216,752	1,979,871	1,547,695	1,610,330	1,630,197
Tobacco manufactures	0	0	0	0	0	0	188,005	185,177	163,301	113,365	130,115	143,529
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	2,629,532	2,684,338	2,807,957	2,993,740	3,180,764	3,294,213
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	608,095	556,233	540,215	547,052	553,217	558,426
Durable goods	2,455,883*	2,539,484*	2,745,282*	2,930,965*	3,161,001*	3,295,262*	54,062,324	55,313,488	55,517,355	56,243,378	59,191,978	60,157,562
Lumber and wood products	370,120*	384,779*	424,959*	474,898*	479,421*	471,049*	931,770	1,037,167	1,193,396	1,371,056	1,515,377	1,552,689
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,117,531	1,195,831	1,263,738	1,331,886	1,383,456	1,380,770
Primary metal industries	127,734*	103,280*	(D)	(D)	(D)	123,674*	6,720,781	6,096,920	5,558,687	5,459,141	5,785,824	6,184,225
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	5,794,734	6,029,341	6,194,730	6,294,183	6,622,029	6,680,253
Machinery, except electrical	416,050*	(D)	(D)	(D)	(D)	511,967*	10,695,572	11,086,240	10,948,725	10,731,960	11,723,097	11,743,701
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	11,249,745	11,448,869	11,693,662	11,939,619	12,156,710	12,131,741
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	3,058,655	3,256,742	3,332,463	3,471,474	3,474,768	3,448,875
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,016,481	3,289,232	3,090,978	3,173,443	3,113,878	3,229,626
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	3,183,137	3,218,389	3,337,978	3,463,973	3,706,347	3,804,800
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	6,093,812	6,512,511	6,706,579	6,676,410	7,155,832	7,397,669
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	135,111*	2,200,106	2,142,246	2,196,419	2,330,233	2,554,660	2,603,213
Transportation and public utilities	776,008	832,850	843,151	958,061	1,090,042	1,147,329	33,252,823	34,578,152	35,755,072	37,870,059	40,352,710	41,409,941
Railroad transportation	66,048*	63,681*	41,969*	34,083*	34,064*	35,060*	1,811,188	1,852,956	1,829,147	1,851,551	1,871,190	1,883,787
Trucking and warehousing	(D)	(D)	246,129*	288,013*	332,660*	373,289	6,736,864	6,872,577	7,345,256	7,954,146	8,570,051	8,984,989
Water transportation	(D)	(D)	28,573*	32,490*	32,302*	27,875*	1,560,206	1,536,390	1,502,325	1,410,327	1,330,473	1,276,028
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	6,189,857	6,562,576	7,035,822	7,557,918	8,048,128	8,670,533
Communication	(D)	157,667*	148,797*	(D)	254,016*	256,632*	10,925,304	11,193,451	11,224,600	12,079,072	13,027,609	12,719,812
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	6,029,404	6,560,202	6,817,922	7,017,045	7,505,259	7,874,792
Wholesale trade	536,094	608,796	681,836	789,828	892,113	967,611	30,781,044	33,047,543	35,040,145	38,067,275	41,946,187	44,070,809
Retail trade	1,826,511	2,003,694	2,249,180	2,522,525	2,861,708	3,005,278	38,367,406	41,258,813	44,809,994	48,141,631	52,402,088	55,024,302
Finance, insurance, and real estate	485,636	530,481	628,569	946,427	901,207	884,911	37,487,095	41,691,631	48,494,564	59,581,695	63,678,233	64,396,886
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	12,691,354	13,603,006	15,509,378	17,064,209	18,897,811	19,879,433
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	24,795,741	28,088,625	32,985,186	42,517,486	44,780,422	44,517,453
Services	3,311,325	3,706,887	4,216,606	4,809,472	5,517,346	6,098,770	109,541,656	122,243,280	135,599,061	150,827,756	169,456,579	185,703,468
Hotels and other lodging places	243,696*	265,676*	299,157*	343,097*	375,887*	359,650*	3,232,312	3,564,064	3,811,776	4,316,477	4,647,120	4,923,340
Personal services	142,400*	189,959*	(D)	236,544*	286,356*	365,790	3,555,385	4,340,197	4,728,738	4,998,350	5,810,369	6,436,610
Private households	91,171*	91,952*	92,123*	94,930*	102,056	107,684	1,746,975	1,752,327	1,748,156	1,745,996	1,848,030	1,934,214
Business services	390,034*	471,949*	554,318*	695,153	824,735	908,806	24,631,033	28,705,017	32,188,250	35,996,111	40,623,937	44,132,386
Auto repair, services, and garages	142,551*	168,635*	192,264*	213,779	231,078	254,405	3,349,186	3,788,198	4,151,726	4,467,263	4,785,401	5,113,328
Miscellaneous repair services	64,844	58,831	69,521*	78,155	83,893*	98,241	1,729,950	1,755,382	1,908,120	1,962,027	2,212,851	2,349,362
Amusement and recreation services	73,032*	85,771*	100,814*	115,455*	(D)	(D)	2,426,811	2,782,774	3,120,751	3,533,970	4,136,074	4,463,917
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,137,520	1,306,785	1,340,949	1,517,787	1,688,522	1,895,015
Health services	1,111,388	1,208,485	1,323,012	1,499,624	1,728,892	1,932,693	30,984,768	33,796,047	36,714,789	41,620,087	46,669,645	51,608,056
Legal services	169,137	189,991	222,609	248,412	290,267	318,022	10,784,867	11,899,437	13,624,136	15,149,138	17,471,827	19,321,287
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	6,761,550	7,393,404	7,987,418	8,667,550	9,414,234	10,120,042
Social services	126,967*	140,939*	161,109*	186,509*	214,997*	247,997*	3,506,441	3,943,391	4,534,404	5,043,647	5,615,998	6,408,371
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	179,671	198,625	221,419	241,726	273,995	295,840
Membership organizations	111,891*	114,948*	121,514*	138,681*	159,293*	190,653	4,558,044	4,798,044	5,101,846	5,681,097	6,343,635	6,792,893
Miscellaneous services	278,709*	335,750	437,146	519,630	597,486	664,607	10,957,143	12,219,588	14,416,583	15,886,530	17,914,941	19,908,807
Government and government enterprises	2,629,346	2,849,931	3,040,783	3,315,577	3,639,530	3,973,325	73,137,253	77,807,826	82,500,201	89,011,933	96,141,195	103,626,661
Federal, civilian	665,237	702,372	690,030	731,982	793,010	861,447	20,995,380	22,006,599	21,923,128	23,203,365	24,892,103	26,404,229
Military	284,962	311,246	348,594	360,579	366,845	375,371	3,233,569	3,434,650	3,674,588	3,924,456	4,022,910	4,155,399
State and local	1,679,147	1,836,313	2,002,159	2,223,016	2,479,675	2,736,507	48,908,304	52,366,577	56,902,485	61,884,112	67,226,182	73,067,033

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Mideast (Metropolitan portion)						Mideast (Nonmetropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**580,498,529**	**621,075,653**	**661,044,082**	**711,397,840**	**776,206,650**	**833,288,033**	**41,352,934**	**43,708,195**	**46,521,049**	**49,568,927**	**53,759,163**	**58,154,125**
Nonfarm personal income	579,001,693	619,619,203	659,502,170	709,771,116	774,626,117	831,526,378	40,590,882	42,997,592	45,674,443	48,767,625	52,857,745	57,084,783
Farm income[1]	1,496,836	1,456,450	1,541,912	1,626,724	1,580,533	1,761,655	762,052	710,603	846,606	801,302	901,418	1,069,342
Population (thousands)[2]	38,810.7	38,918.1	39,149.7	39,343.9	39,581.4	39,736.0	3,891.2	3,891.0	3,900.3	3,913.7	3,950.3	3,967.8
Per capita personal income (dollars)	**14,957**	**15,959**	**16,885**	**18,082**	**19,610**	**20,971**	**10,627**	**11,233**	**11,928**	**12,666**	**13,609**	**14,657**
Derivation of total personal income:												
Total earnings by place of work	422,589,931	455,618,489	489,896,217	534,972,372	583,619,539	615,134,693	25,021,290	26,270,461	28,113,354	30,475,077	33,103,567	35,463,436
Less: Personal contributions for social insurance[3]	26,898,044	30,340,410	33,740,199	36,536,616	41,265,326	44,724,593	1,550,046	1,707,320	1,872,245	2,029,826	2,298,218	2,551,952
Plus: Adjustment for residence	−8,923,936	−9,308,072	−9,702,705	−10,276,127	−10,972,436	−11,754,026	2,564,414	2,838,708	3,061,460	3,279,760	3,593,896	3,734,053
Equals: Net earnings by place of residence	386,767,951	415,970,007	446,453,313	488,159,629	531,381,777	558,656,074	26,035,658	27,401,849	29,302,569	31,725,011	34,399,245	36,645,537
Plus: Dividends, interest, and rent[5]	103,315,463	109,814,946	114,199,034	118,082,046	132,754,373	152,442,794	6,845,102	7,325,322	7,735,153	7,941,134	8,869,867	10,213,518
Plus: Transfer payments	90,415,115	95,290,700	100,391,735	105,156,165	112,070,500	122,189,165	8,472,174	8,981,024	9,483,327	9,902,782	10,490,051	11,295,070
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	351,889,297	379,147,307	407,762,645	443,347,728	482,994,540	507,832,562	19,480,628	20,516,016	21,788,402	23,657,528	25,618,105	27,371,894
Other labor income	34,123,959	34,878,684	37,088,551	39,029,318	42,009,625	44,699,864	2,077,455	2,081,659	2,213,941	2,339,250	2,504,063	2,707,077
Proprietors' income[6]	36,576,675	41,592,498	45,045,021	52,595,326	58,615,374	62,602,267	3,463,207	3,672,786	4,111,011	4,478,299	4,981,399	5,384,465
Farm	1,078,899	1,041,932	1,132,010	1,195,555	1,148,309	1,322,845	549,883	498,737	635,678	578,063	676,541	839,351
Nonfarm	35,497,776	40,550,566	43,913,011	51,399,771	57,467,065	61,279,422	2,913,324	3,174,049	3,475,333	3,900,236	4,304,858	4,545,114
Earnings by industry:												
Farm	1,496,836	1,456,450	1,541,912	1,626,724	1,580,533	1,761,655	762,052	710,603	846,606	801,302	901,418	1,069,342
Nonfarm	421,093,095	454,162,039	488,354,305	533,345,648	582,039,006	613,373,038	24,259,238	25,559,858	27,266,748	29,673,775	32,202,149	34,394,094
Private	352,504,066	381,248,792	411,068,412	450,061,377	492,098,204	516,537,153	19,711,014	20,665,279	22,052,440	23,946,113	26,001,756	27,603,318
Agricultural services, forestry, fisheries, and other[7]	1,406,728*	1,521,327*	1,679,878*	2,104,869*	2,316,606*	2,499,961*	131,972*	142,383	145,582	(D)	(D)	207,276*
Agricultural services	1,060,365*	1,137,397*	1,263,536*	1,662,565*	1,840,813*	1,836,710*	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	341,736*	396,877*	442,592*	466,809*	504,863*	485,432*	(D)	(D)	(D)	(D)	(D)	(D)
Mining	1,939,577*	2,313,587*	1,387,814*	1,307,084*	1,634,502*	1,677,029*	864,007*	837,509*	735,663*	690,446*	687,503*	712,366*
Coal mining	614,279*	567,042*	526,086*	(D)	(D)	(D)	631,798*	570,879*	(D)	532,367*	510,681*	510,276*
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	22,221,293	24,713,227*	28,307,585*	31,477,763*	34,883,506*	36,024,961*	1,274,976*	1,397,830*	1,593,516*	1,872,511*	2,110,289*	2,177,318*
Manufacturing	87,807,769	90,404,652	91,424,004	93,309,235	99,277,378	100,910,691	7,098,324	7,194,098	7,495,075	7,770,043	8,274,933	8,732,645
Nondurable goods	38,306,632	39,728,556	40,725,494	41,909,812*	45,434,985	46,462,004	2,483,279*	2,499,372*	2,623,568*	2,759,723*	2,899,601*	3,001,415*
Food and kindred products	5,544,986*	5,772,359*	5,941,235*	6,335,270*	6,672,872*	6,866,689*	562,851*	595,126*	626,066*	649,554*	673,421*	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	4,500,981*	4,386,168*	4,266,844*	4,312,907*	4,478,159*	4,458,886*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	8,319,855*	9,037,227*	9,570,824*	10,360,336*	11,414,195*	11,526,825*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	9,172,101*	9,682,193*	10,083,417*	10,541,275*	11,856,269*	12,245,693*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,037,229*	2,086,466*	1,786,640*	1,392,578*	1,390,851*	1,386,995*	129,552*	127,634*	125,732*	115,979*	121,488*	138,466*
Tobacco manufactures	185,771*	182,897*	162,971	(D)	(D)	(D)	519	511	330	0	0	0
Rubber and misc. plastic products	2,183,184*	2,279,483*	(D)	2,544,436*	2,702,491*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	49,501,137	50,676,096	50,698,510	51,236,478*	53,842,393	54,448,687	4,467,660*	4,536,083*	4,765,721*	4,918,475*	5,264,989*	5,615,528*
Lumber and wood products	577,730*	(D)	747,820*	885,145*	927,012*	1,023,381*	272,367*	302,946*	348,985*	445,096*	488,840*	511,088*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,049,282*	5,079,203*	5,254,393*	5,397,929*	5,676,022*	5,776,220*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	9,013,834*	8,866,186*	8,680,475*	8,645,091*	9,571,392*	9,422,314*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,275,568*	2,396,152*	2,435,548*	2,553,572*	2,808,141*	2,766,533*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	5,398,080*	5,998,639*	6,175,919*	6,135,054*	6,516,799*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,955,310*	1,912,740*	1,949,386*	2,088,573*	2,321,149*	2,324,139*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	31,558,189	32,427,966*	33,348,448*	35,307,060*	37,639,241*	38,842,738*	1,694,634	1,717,882	1,820,117*	1,940,644*	2,034,151*	2,085,363*
Railroad transportation	1,669,530*	1,725,363*	(D)	(D)	(D)	1,731,261*	92,223*	81,737*	92,776*	110,161*	105,759*	92,776*
Trucking and warehousing	5,890,268*	6,181,152*	6,635,596*	7,197,950*	7,779,607*	8,147,291*	608,769*	(D)	613,014*	636,724*	721,034*	761,334*
Water transportation	1,448,523*	1,410,427*	1,353,113*	1,285,586*	1,188,507*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	10,650,064*	11,492,908*	11,252,246*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	29,914,363	32,122,820	34,065,135	37,002,918	40,744,381*	42,804,743	857,621*	924,723	975,010	1,064,357	1,146,018*	1,266,066
Retail trade	35,757,525	38,474,625	41,819,644	44,940,165	48,842,824	51,247,024	2,609,881	2,784,188	2,990,350	3,201,466	3,559,264	3,777,278
Finance, insurance, and real estate	36,820,209	41,008,240	47,716,602	58,525,639	62,674,468	63,372,375	666,886	683,391	775,206*	1,052,259*	1,000,298*	1,020,903*
Banking and credit agencies	12,003,225*	13,113,988*	14,884,189*	16,327,142*	17,773,829*	19,023,679*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	24,174,382*	27,431,318*	32,120,503*	41,126,186*	42,985,318*	43,208,768*	(D)	(D)	(D)	(D)	(D)	(D)
Services	105,051,331	117,051,535*	129,751,112*	144,323,985*	162,116,109*	177,639,935*	4,490,325	4,957,746	5,426,464*	6,045,436*	6,819,581*	7,486,253*
Hotels and other lodging places	2,766,523*	3,112,087*	3,374,915*	3,859,812*	4,203,708*	4,475,726*	223,895*	243,802*	248,033*	275,190*	293,294*	305,647*
Personal services	3,293,826*	3,981,124*	4,325,637*	4,555,097*	5,373,187*	5,969,809	210,293*	282,890*	313,331*	342,307*	408,493*	466,801
Private households	1,618,602*	1,623,555*	1,618,965*	1,620,484*	1,704,243*	1,783,638*	92,204*	92,447*	96,822*	92,930*	97,803*	106,164*
Business services	24,263,908	28,211,073*	31,604,989*	35,325,335*	39,805,320*	43,233,631*	367,125	454,416	537,275	619,086	759,743	835,968
Auto repair, services, and garages	3,010,968*	3,391,848*	3,713,499*	3,994,447*	4,275,774*	4,565,630*	260,337	303,260	329,835	351,371	376,784	407,398
Miscellaneous repair services	1,587,644*	1,619,242*	1,750,396*	1,799,261*	2,035,614*	2,154,941*	(D)	(D)	(D)	(D)	(D)	(D)
Amusement and recreation services	2,344,980	2,687,791	3,017,457	3,417,619*	3,973,459*	4,312,831*	73,859*	86,966*	96,058*	109,466*	122,277*	130,240*
Motion pictures	1,096,425*	1,257,017*	1,285,514*	1,436,647*	1,596,137*	1,775,508*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	29,203,243	31,882,561	34,647,118	39,298,514	44,086,233	48,774,460	1,781,525	1,913,486	2,067,671	2,321,573	2,559,086*	2,833,596
Legal services	10,592,495	11,692,999	13,389,711	14,901,424	17,192,286	19,015,469	191,927*	206,438	233,993*	247,225*	279,541	305,818
Educational services	(D)	(D)	(D)	(D)	8,179,919*	8,818,604*	(D)	(D)	(D)	(D)	(D)	(D)
Social services	3,313,068*	3,723,586*	4,282,475*	4,753,470*	5,281,071*	6,032,104*	180,125*	206,380*	234,853*	267,266*	318,222*	357,404*
Museums, botanical, zoological gardens	(D)	(D)	201,257*	213,778*	(D)	261,406*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,294,929	4,529,539	4,822,724	5,367,917	5,993,082	6,418,336	258,215*	263,714*	276,699*	310,552*	347,577*	374,557
Miscellaneous services	10,664,377	11,899,837	14,009,099	15,413,417	17,362,281	19,295,775	292,766	319,751	407,484	473,113	552,660	613,032
Government and government enterprises	68,589,029	72,913,247	77,285,893	83,284,271	89,940,802	96,835,885	4,548,224	4,894,579	5,214,308	5,727,662	6,200,393	6,790,776
Federal, civilian	20,288,623	21,236,282	21,157,386	22,369,114	24,012,122	25,481,874	706,757	770,317	765,742	834,251	879,981	922,355
Military	2,876,857	3,054,194	3,240,744	3,404,411	3,433,785	3,478,072	356,712	380,456	433,844	520,045	589,125	677,327
State and local	45,423,549	48,622,771	52,887,763	57,510,746	62,494,895	67,875,939	3,484,755	3,743,806	4,014,722	4,373,366	4,731,287	5,191,094

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Great Lakes						Great Lakes (Metropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**539,149,267**	**570,426,786**	**602,456,507**	**636,334,945**	**682,067,943**	**730,968,587**	**435,880,899**	**462,859,713**	**489,515,209**	**518,175,828**	**556,787,472**	**595,729,148**
Nonfarm personal income	533,810,941	564,950,767	596,631,912	630,321,778	677,180,527	723,695,285	434,074,259	460,949,106	487,562,668	516,114,233	555,093,840	593,313,446
Farm income[1]	5,338,326	5,476,019	5,824,595	6,013,167	4,887,416	7,273,302	1,806,640	1,910,607	1,952,541	2,061,595	1,693,632	2,415,702
Population (thousands)[2]	41,586.9	41,649.5	41,761.6	41,941.9	42,120.1	42,310.1	32,104.0	32,161.5	32,267.4	32,416.1	32,547.5	32,700.3
Per capita personal income (dollars)	**12,964**	**13,696**	**14,426**	**15,172**	**16,193**	**17,276**	**13,577**	**14,392**	**15,171**	**15,985**	**17,107**	**18,218**
Derivation of total personal income:												
Total earnings by place of work	389,998,417	414,984,529	439,961,643	468,761,318	504,917,743	534,465,342	328,023,191	350,747,395	372,385,791	396,952,634	428,857,973	452,888,214
Less: Personal contributions for social insurance[3]	23,867,462	26,756,972	28,533,719	30,500,716	34,215,105	37,393,167	20,250,883	22,789,545	24,348,391	26,013,827	29,181,230	31,827,670
Plus: Adjustment for residence	1,396,405	1,525,042	1,672,060	1,886,846	2,100,748	2,217,962	−6,128,125	−6,540,330	−6,967,102	−7,248,682	−7,838,591	−8,108,276
Equals: Net earnings by place of residence	367,527,360	389,752,599	413,099,984	440,147,448	472,803,386	499,290,137	301,644,183	321,417,520	341,070,298	363,690,125	391,838,152	412,952,268
Plus: Dividends, interest, and rent[5]	90,307,789	94,711,469	98,233,857	100,137,987	107,810,618	123,302,609	71,481,988	75,210,756	78,141,697	80,318,870	86,544,800	98,958,349
Plus: Transfer payments	81,314,118	85,962,718	91,122,666	96,049,510	101,453,939	108,375,841	62,754,728	66,231,437	70,303,214	74,166,833	78,404,520	83,818,531
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	319,646,721	341,310,366	360,622,119	382,948,614	413,432,222	435,130,156	272,921,096	292,621,217	309,793,047	328,991,361	355,745,879	374,503,482
Other labor income	34,860,908	35,456,581	37,523,339	38,742,382	41,363,326	44,044,109	29,780,188	30,393,342	32,206,431	33,213,446	35,466,963	37,758,637
Proprietors' income[6]	35,490,788	38,217,582	41,816,185	47,070,322	50,122,195	55,291,077	25,321,907	27,732,836	30,386,313	34,747,827	37,645,131	40,626,095
Farm	4,268,128	4,421,450	4,789,125	4,931,980	3,813,735	6,195,497	1,380,204	1,490,186	1,539,694	1,630,599	1,265,804	1,986,106
Nonfarm	31,222,660	33,796,132	37,027,060	42,138,342	46,308,460	49,095,580	23,941,703	26,242,650	28,846,619	33,117,228	36,379,327	38,639,989
Earnings by industry:												
Farm	5,338,326	5,476,019	5,824,595	6,013,167	4,887,416	7,273,302	1,806,640	1,910,607	1,952,541	2,061,595	1,693,632	2,415,702
Nonfarm	384,660,091	409,508,510	434,137,048	462,748,151	500,030,327	527,192,040	326,216,551	348,836,788	370,433,250	394,891,039	427,164,341	450,472,512
Private	333,675,125	355,488,051	376,763,694	402,085,563	435,185,064	458,539,913	284,330,832	304,482,945	323,367,104	345,136,730	374,007,800	394,204,251
Agricultural services, forestry, fisheries, and other[7]	1,348,932	1,345,083	1,357,139	1,833,806	1,998,837	2,138,274	938,479*	979,715*	1,043,585*	1,362,110	1,516,306*	1,637,047*
Agricultural services	1,238,808	1,269,340	1,317,002	1,785,139	1,953,704	2,097,387	853,246*	915,254*	997,745*	1,313,744*	1,441,643*	1,543,715*
Forestry, fisheries, and other[7]	110,124	75,743	40,137	48,667	45,133	40,887	30,477*	(D)	(D)	(D)	(D)	(D)
Mining	3,446,878	3,660,348	2,821,019	2,724,714	2,848,854	2,889,472	1,480,779	1,746,210	1,150,956*	1,131,322	1,292,468*	1,300,272*
Coal mining	1,525,380	1,472,892	1,380,476	1,253,846	1,183,167	1,193,473	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	1,368,144	1,620,212	806,930	803,800	953,204	950,340	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	95,684	87,308	99,491	126,753	137,528	154,049	(D)	(D)	218*	(D)	(D)	(D)
Nonmetallic minerals, except fuels	457,670	479,936	534,122	540,315	574,955	591,610	(D)	(D)	(D)	(D)	(D)	(D)
Construction	19,420,172	21,038,365	23,093,984	25,170,348	28,032,022	29,543,079	15,814,182*	17,307,527*	19,329,730*	21,143,587*	23,601,739*	24,960,182*
Manufacturing	125,648,237	131,436,476	134,486,524	136,624,256	146,246,522	150,954,422	106,021,918	111,324,606	113,412,035	114,422,641	122,367,566	126,009,961
Nondurable goods	34,479,440	36,000,210	37,661,466	39,541,429	42,358,760	43,816,770	28,166,674	29,388,875	30,701,791*	32,204,213*	34,519,816*	35,660,601*
Food and kindred products	7,707,510	7,816,203	8,103,540	8,345,008	8,897,290	8,982,602	5,773,535*	5,783,699*	5,920,920*	6,355,237*	6,767,505*	6,785,623*
Textile mill products	289,000	295,690	307,877	315,725	352,890	350,461	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,352,569	1,457,661	1,539,454	1,522,576	1,630,563	1,640,934	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	4,302,325	4,496,827	4,779,389	4,994,090	5,277,078	5,421,760	2,995,993*	3,093,618*	3,272,391*	3,428,014*	3,650,892*	3,632,022*
Printing and publishing	6,514,147	6,967,054	7,270,635	7,754,606	8,468,920	8,916,751	5,501,836*	5,893,413*	6,138,321*	6,557,103*	7,159,037*	7,514,261*
Chemicals and allied products	6,883,413	7,255,524	7,636,724	8,076,125	8,823,967	9,251,390	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,139,909	1,183,668	1,246,002	1,348,760	1,397,120	1,373,688	1,003,652*	1,061,271*	1,129,868*	1,228,330*	1,266,516*	1,268,396*
Tobacco manufactures	18,430	16,986	15,231	15,428	15,724	1,511	(D)	(D)	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	5,874,416	6,138,486	6,406,597	6,787,546	7,075,227	7,465,365	4,061,388*	(D)	(D)	4,656,193*	4,829,197*	4,999,604*
Leather and leather products	397,721	372,111	356,017	381,565	419,981	412,308	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	91,168,797	95,436,266	96,825,058	97,082,827	103,887,762	107,137,652	77,855,244	81,935,731	82,708,295*	82,133,937*	87,569,576*	90,127,171*
Lumber and wood products	1,537,593	1,678,475	1,855,528	2,106,842	2,350,019	2,404,011	765,441*	(D)	931,894*	1,068,193*	1,197,155*	1,187,977*
Furniture and fixtures	1,960,478	2,073,825	2,181,463	2,413,046	2,649,256	2,802,136	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	11,392,144	10,982,514	10,633,024	10,738,229	11,752,505	12,217,553	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	13,290,357	14,308,021	14,552,257	14,566,262	15,501,106	15,898,888	10,664,017*	11,738,048*	11,945,725*	11,891,662*	12,332,555*	12,948,276*
Machinery, except electrical	18,445,685	19,154,155	19,057,858	19,163,115	20,829,248	21,734,760	(D)	14,615,335*	14,547,033*	(D)	(D)	(D)
Electric and electronic equipment	10,841,082	10,918,961	11,080,097	11,044,213	11,550,470	12,012,936	(D)	(D)	(D)	8,153,060*	8,503,699*	8,936,728*
Transportation equip. excl. motor vehicles	4,196,969	4,489,088	4,842,053	4,852,150	4,715,509	4,816,169	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	22,212,725	24,336,581	24,929,457	24,230,279	25,625,141	26,002,679	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,417,310	3,494,125	3,561,552	3,673,019	3,986,418	4,083,520	(D)	(D)	(D)	(D)	2,632,485*	(D)
Instruments and related products	2,381,732	2,548,199	2,627,999	2,701,091	3,153,308	3,364,435	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,492,722	1,452,322	1,503,770	1,594,581	1,774,782	1,800,565	(D)	(D)	(D)	(D)	1,303,242*	1,329,709*
Transportation and public utilities	26,429,905	27,480,289	29,085,779	30,666,211	32,332,466	33,327,728	21,483,770*	22,518,868*	23,792,505*	25,141,387*	26,782,200*	27,457,182*
Railroad transportation	2,613,061	2,513,709	2,459,448	2,383,990	2,360,916	2,292,769	1,972,864*	1,860,448*	1,818,633*	(D)	1,705,487*	1,676,143*
Trucking and warehousing	8,195,825	8,347,747	8,759,997	9,365,951	10,020,723	10,310,487	6,463,571*	6,692,119	6,867,512*	7,339,469*	7,879,919*	8,119,868*
Water transportation	272,120	272,988	273,230	296,360	322,322	350,918	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,370,222	3,670,420	4,315,529	4,724,760	5,171,280	5,614,295	(D)	(D)	(D)	(D)	(D)	(D)
Communication	6,243,876	6,549,754	6,785,981	7,125,488	7,362,901	7,432,574	5,072,593*	5,326,584*	5,538,437*	5,898,090*	5,997,750*	6,093,440*
Electric, gas, and sanitary services	5,734,801	6,125,671	6,491,594	6,769,662	7,094,324	7,326,685	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	25,018,763	26,692,827	28,095,925	30,245,562	32,975,160	35,643,454	22,478,832*	24,064,747*	25,440,574*	27,425,020*	29,960,719*	32,372,755*
Retail trade	35,625,131	37,579,155	39,979,846	42,519,596	45,998,329	48,402,565	29,668,891	31,395,044	33,513,495	35,758,126	38,601,574	40,634,168
Finance, insurance, and real estate	20,768,082	22,355,811	24,867,397	30,378,243	31,552,715	32,028,968	18,946,484*	20,509,906*	22,895,637	27,893,343	29,193,288	29,668,996
Banking and credit agencies	7,615,997	8,014,914	8,786,657	9,464,668	10,114,423	10,612,337	5,980,316*	6,397,290*	7,204,225*	7,604,979*	(D)	8,931,916*
Other finance, insurance, and real estate[9]	13,152,085	14,340,897	16,080,740	20,913,575	21,438,292	21,416,631	(D)	12,474,597*	14,389,432*	17,919,802*	(D)	19,657,782*
Services	75,969,025	83,899,697	92,976,081	101,922,827	113,200,159	123,611,951	66,533,799*	73,718,059*	81,901,297*	90,003,584*	100,232,753*	109,208,739*
Hotels and other lodging places	1,436,494	1,514,371	1,600,903	1,815,244	1,964,921	2,104,733	1,148,099*	1,212,265*	1,286,429*	1,455,857*	1,620,968*	1,748,964*
Personal services	3,448,234	4,193,279	4,540,095	4,800,340	5,525,694	6,189,071	2,844,788*	3,415,100*	3,691,085*	3,903,261*	4,481,766*	5,002,526*
Private households	901,483	902,619	898,260	897,572	947,667	992,688	712,046*	712,961*	708,045*	703,391*	728,913*	762,641*
Business services	14,308,954	17,182,584	19,538,844	21,903,201	24,334,663	26,921,801	13,077,637	15,787,324	18,025,432	20,251,921	22,449,640	24,870,944
Auto repair, services, and garages	3,008,687	3,388,147	3,690,646	3,867,812	4,148,371	4,483,140	2,474,137	2,786,445	3,028,550	3,177,639	3,413,749	3,690,836
Miscellaneous repair services	1,408,194	1,396,199	1,559,026	1,558,445	1,838,673	2,030,698	1,153,859*	1,169,113*	1,297,927*	1,306,707*	1,547,919*	1,718,293*
Amusement and recreation services	1,540,874	1,698,330	1,899,668	2,062,090	2,322,418	2,462,072	1,286,095*	1,442,999*	1,645,140*	1,780,188*	1,985,235*	2,126,693*
Motion pictures	369,029	399,858	425,303	428,986	516,692	585,836	(D)	(D)	(D)	(D)	448,025*	521,512*
Health services	27,202,500	28,674,208	30,911,203	34,281,234	37,273,970	40,037,401	23,667,645	24,946,300	26,923,085	29,887,872	32,471,108	34,859,550
Legal services	5,707,630	6,249,096	7,107,253	7,771,685	8,928,475	9,677,940	5,263,365	5,771,939	6,578,891	7,229,668	8,319,892	9,022,685
Educational services	3,051,847	3,320,955	3,545,328	3,788,005	4,169,158	4,459,922	2,457,295*	(D)	(D)	(D)	(D)	3,656,738*
Social services	2,074,569	2,306,696	2,537,666	2,840,415	3,203,641	3,591,575	1,721,622*	1,934,141*	2,143,370*	2,392,704*	2,702,929*	3,030,792*
Museums, botanical, zoological gardens	107,720	117,242	129,559	146,174	161,434	175,652	(D)	(D)	114,114*	128,678*	(D)	(D)
Membership organizations	3,673,896	3,802,591	3,997,572	4,399,683	4,875,765	5,180,318	3,064,770*	3,196,022*	3,370,741*	3,704,171*	4,116,638	4,378,507
Miscellaneous services	7,728,914	8,753,522	10,594,755	11,361,941	12,988,617	14,719,104	7,063,393	8,056,631	9,712,057	10,411,811	11,903,930	13,491,191
Government and government enterprises	50,984,966	54,020,459	57,373,354	60,662,588	64,845,263	68,652,127	41,885,719	44,353,843	47,066,146	49,754,309	53,156,541	56,268,261
Federal, civilian	8,478,617	8,934,565	8,961,085	9,543,400	10,237,748	10,820,914	7,390,308	7,782,000	7,800,575	8,318,041	8,922,423	9,440,295
Military	2,055,740	2,298,790	2,421,297	2,478,725	2,494,749	2,562,177	1,681,508	1,894,139	1,993,565	2,025,405	2,035,955	2,091,899
State and local	40,450,609	42,787,104	45,990,972	48,640,463	52,112,766	55,269,036	32,813,903	34,677,704	37,272,006	39,410,863	42,198,163	44,736,067

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Great Lakes (Nonmetropolitan portion)						Plains					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**103,268,368**	**107,567,073**	**112,941,298**	**118,159,117**	**125,280,471**	**135,239,439**	**220,092,703**	**232,842,247**	**244,888,938**	**257,070,791**	**271,662,814**	**291,915,195**
Nonfarm personal income	99,736,682	104,001,661	109,069,244	114,207,545	122,086,687	130,381,839	213,075,731	224,073,696	234,096,586	246,275,290	262,674,518	282,133,041
Farm income[1]	3,531,686	3,565,412	3,872,054	3,951,572	3,193,784	4,857,600	7,016,972	8,768,551	10,792,352	10,795,501	8,988,296	9,782,154
Population (thousands)[2]	9,482.9	9,488.0	9,494.2	9,525.8	9,572.5	9,609.8	17,513.2	17,556.3	17,563.9	17,625.0	17,759.4	17,850.9
Per capita personal income (dollars)	**10,890**	**11,337**	**11,896**	**12,404**	**13,087**	**14,073**	**12,567**	**13,263**	**13,943**	**14,586**	**15,297**	**16,353**
Derivation of total personal income:												
Total earnings by place of work	61,975,226	64,237,134	67,575,852	71,808,684	76,059,770	81,577,128	157,914,841	167,634,080	177,917,139	189,276,625	200,833,411	212,741,154
Less: Personal contributions for social insurance[3]	3,616,579	3,967,427	4,185,328	4,486,889	5,033,875	5,565,497	9,554,256	10,603,902	11,287,873	12,156,588	13,568,813	14,951,906
Plus: Adjustment for residence	7,524,530	8,065,372	8,639,162	9,135,528	9,939,339	10,326,238	−1,373,540	−1,518,871	−1,681,446	−1,819,847	−1,946,996	−2,052,750
Equals: Net earnings by place of residence	65,883,177	68,335,079	72,029,686	76,457,323	80,965,234	86,337,869	146,987,045	155,511,307	164,947,820	175,300,190	185,317,602	195,736,498
Plus: Dividends, interest, and rent[5]	18,825,801	19,500,713	20,092,160	19,819,117	21,265,818	24,344,260	41,664,920	43,539,016	44,621,294	44,744,437	46,960,424	53,654,027
Plus: Transfer payments	18,559,390	19,731,281	20,819,452	21,882,677	23,049,419	24,557,310	31,440,738	33,791,924	35,319,824	37,026,164	39,384,788	42,524,670
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	46,725,625	48,689,149	50,829,072	53,957,253	57,686,343	60,626,674	123,353,699	130,241,900	136,466,709	145,347,723	155,669,435	164,362,486
Other labor income	5,080,720	5,063,239	5,316,908	5,528,936	5,896,363	6,285,472	12,224,512	12,414,694	13,182,796	13,748,111	14,663,473	15,763,069
Proprietors' income[6]	10,168,881	10,484,746	11,429,872	12,322,495	12,477,064	14,664,982	22,336,630	24,977,486	28,267,634	30,180,791	30,500,503	32,615,599
Farm	2,887,924	2,931,264	3,249,431	3,301,381	2,547,931	4,209,391	5,858,395	7,642,217	9,698,435	9,673,245	7,887,444	8,697,044
Nonfarm	7,280,957	7,553,482	8,180,441	9,021,114	9,929,133	10,455,591	16,478,235	17,335,269	18,569,199	20,507,546	22,613,059	23,918,555
Earnings by industry:												
Farm	3,531,686	3,565,412	3,872,054	3,951,572	3,193,784	4,857,600	7,016,972	8,768,551	10,792,352	10,795,501	8,988,296	9,782,154
Nonfarm	58,443,540	60,671,722	63,703,798	67,857,112	72,865,986	76,719,528	150,897,869	158,865,529	167,124,787	178,481,124	191,845,115	202,959,000
Private	49,344,293	51,005,106	53,396,590	56,948,833	61,177,264	64,335,662	127,005,750	133,332,758	140,307,819	150,014,065	161,576,227	170,928,050
Agricultural services, forestry, fisheries, and other[7]	386,840*	354,185*	303,291*	444,887*	450,015*	479,230*	890,597	808,938	756,008	1,122,542	1,156,778	1,201,281
Agricultural services	297,801*	294,807*	272,930*	408,336*	(D)	(D)	836,790	766,478	723,452	1,093,354	1,128,124	1,174,757
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	53,807	42,460	32,556	29,188	28,654	26,524
Mining	1,898,358*	1,853,440*	1,577,093*	1,492,284*	1,452,339*	(D)	1,686,337	1,749,100	1,260,360	1,201,484	1,304,212	1,339,773
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	184,342	190,543	176,897	(D)	141,612	133,958
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	912,078	984,702	543,324	501,549	552,150	555,341
Metal mining	88,829*	82,483*	(D)	(D)	(D)	(D)	353,378	329,888	279,643	279,539	323,897	368,982
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	236,539	243,967	260,496	(D)	286,553	281,492
Construction	3,457,224*	3,563,783*	3,634,006*	3,893,745*	4,296,974*	4,416,011*	9,584,510	9,890,034	10,670,878	11,176,272	11,604,537	11,742,431
Manufacturing	19,626,050*	20,111,677*	21,074,291*	22,201,368*	23,878,755*	24,942,986*	33,965,986	35,122,368	36,339,790	37,947,021	40,881,002	42,628,061
Nondurable goods	6,027,878*	6,322,993*	6,675,083*	7,076,153*	7,393,541*	7,828,459*	13,199,104	13,698,959	14,357,698	15,146,933	16,199,403	17,131,196
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	4,718,186	4,820,192	5,060,804	5,295,094	5,565,473	5,813,416
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	74,510	76,821	78,413	84,679	88,768	84,584
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	510,749	512,714	516,599	539,352	559,772	575,323
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,762,469	1,837,849	1,938,151	2,038,947	2,199,662	2,324,163
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	2,682,577	2,875,358	3,046,029	3,244,202	3,557,705	3,754,840
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,715,972	1,825,081	1,911,997	1,995,286	2,154,615	2,377,833
Petroleum and coal products	128,397*	116,780*	107,886*	113,720*	124,810*	101,068*	261,935	276,741	285,917	304,595	312,256	320,142
Tobacco manufactures	1,136	978	949	902*	956*	961*	236	353	614	472	517	332
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,152,547	1,163,408	1,221,495	1,331,207	1,433,811	1,563,085
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	319,923	310,442	297,679	313,099	326,824	317,478
Durable goods	13,072,463*	13,144,732*	13,895,668*	14,661,449*	15,525,405*	16,191,725*	20,766,882	21,423,409	21,982,092	22,800,088	24,681,599	25,496,865
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	699,519	751,376	855,404	989,077	1,231,062	1,125,050
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	453,783	480,997	515,555	575,944	623,359	691,210
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,028,194	961,666	979,964	1,015,381	1,098,047	1,111,683
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,578,614	2,682,821	2,684,030	2,767,453	2,965,952	3,071,691
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	5,861,413	5,911,309	5,719,093	6,015,930	6,576,921	6,753,201
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,862,512	3,019,464	3,010,550	3,066,998	3,286,474	3,459,567
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,527,281	2,621,978	2,903,012	3,200,990	3,438,035	3,814,087
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,062,613	2,232,662	2,308,255	2,137,846	2,251,947	2,203,024
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	907,737	902,197	934,455	968,369	1,013,917	1,050,108
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,318,113	1,373,318	1,576,383	1,580,430	1,666,556	1,675,732
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	467,103	485,621	495,391	481,670	529,329	541,512
Transportation and public utilities	4,242,659*	4,238,243*	4,622,945*	4,895,589*	5,060,230*	5,189,351*	13,919,404	14,206,501	14,766,404	15,244,220	16,218,865	17,113,342
Railroad transportation	542,545*	561,739*	552,392*	575,838*	542,909*	481,612*	2,257,253	2,124,688	2,051,321	2,016,083	2,033,978	2,092,520
Trucking and warehousing	1,590,981*	1,592,732*	1,664,161*	1,853,654*	1,943,158*	1,992,133*	4,264,937	4,196,188	4,376,725	4,605,629	4,886,038	5,083,178
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	128,902	114,842	99,075	115,816	137,601	115,131
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,005,516	2,221,603	2,295,414	2,444,032	2,733,460	3,065,272
Communication	(D)	(D)	(D)	(D)	(D)	(D)	2,920,765	3,007,612	3,208,389	3,399,329	3,560,410	3,794,295
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	2,342,031	2,541,568	2,735,480	2,663,331	2,867,378	2,962,946
Wholesale trade	2,514,686*	2,616,015*	2,627,877*	2,783,061*	2,983,844*	3,217,521*	11,612,677	12,090,626	12,310,312	13,229,983	14,377,258	15,276,975
Retail trade	5,956,240	6,184,111	6,466,351	6,761,470	7,348,873*	7,710,340*	15,629,839	16,282,658	16,877,951	17,654,985	19,186,190	20,074,679
Finance, insurance, and real estate	1,807,852*	1,839,307*	1,971,797*	2,482,752*	2,357,937*	2,358,902*	8,987,454	9,684,338	10,763,728	12,695,611	12,825,287	13,131,740
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	3,389,840	3,584,010	3,884,259	4,024,316	4,218,300	4,397,791
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	5,597,614	6,100,328	6,879,469	8,671,295	8,606,987	8,733,949
Services	9,006,686*	9,691,049*	10,569,425*	11,438,789*	12,730,820*	13,708,661*	30,728,946	33,498,195	36,562,388	39,741,947	44,022,098	48,419,768
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	773,428	820,297	821,428	917,275	959,897	996,257
Personal services	584,085*	742,395*	804,312*	851,162*	989,359*	1,125,140*	1,655,911	2,054,692	2,227,738	2,352,426	2,727,334	3,067,140
Private households	181,659*	181,273*	180,191*	181,930*	190,905*	198,926*	411,986	412,925	410,698	410,036	433,958	454,628
Business services	1,201,096*	1,329,025*	1,498,544*	1,641,139*	1,873,497*	2,035,700*	5,606,323	6,446,470	7,173,550	7,883,972	8,780,829	9,905,685
Auto repair, services, and garages	533,921*	601,100*	661,373*	689,698*	734,622	792,304	1,568,341	1,734,111	1,870,231	1,912,893	2,036,179	2,157,373
Miscellaneous repair services	242,475*	213,974*	244,865*	243,295*	280,334*	300,797*	738,542	651,956	751,128	752,210	864,084	943,454
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	624,020	700,928	779,659	846,222	949,095	998,228
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	138,931	151,558	158,675	167,063	198,580	213,987
Health services	3,534,855	3,727,908	3,979,466*	4,384,185*	4,778,324*	5,162,583*	10,920,689	11,660,850	12,429,377	13,816,262	15,207,141	16,670,793
Legal services	443,603*	476,582*	527,631*	541,470*	607,949*	655,255	2,181,659	2,376,968	2,698,460	2,857,057	3,223,987	3,522,100
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,276,436	1,388,043	1,543,651	1,650,797	1,796,110	1,971,159
Social services	(D)	(D)	(D)	(D)	(D)	(D)	1,005,369	1,088,981	1,181,008	1,278,702	1,429,605	1,606,334
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	25,625	31,265	37,279	40,382	44,394	49,458
Membership organizations	582,162*	586,166*	606,853*	666,401*	741,621*	783,887*	1,332,936	1,362,924	1,421,092	1,535,908	1,689,487	1,776,444
Miscellaneous services	663,804*	695,545*	881,117*	950,130	1,084,687	1,227,913	2,468,750	2,616,227	3,058,414	3,320,742	3,681,418	4,086,728
Government and government enterprises	9,099,247	9,666,616	10,307,208	10,908,279	11,688,722	12,383,866	23,892,119	25,532,771	26,816,968	28,467,059	30,268,888	32,030,950
Federal, civilian	1,088,309	1,152,565	1,160,510	1,225,359	1,315,325	1,380,619	4,574,077	4,857,926	4,889,537	5,225,366	5,606,160	5,876,650
Military	374,232	404,651	427,732	453,320	458,794	470,278	1,838,655	1,975,361	2,093,510	2,230,532	2,271,536	2,348,380
State and local	7,636,706	8,109,400	8,718,966	9,229,600	9,914,603	10,532,969	17,479,387	18,699,484	19,833,921	21,011,161	22,391,192	23,805,920

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Plains (Metropolitan portion)						Plains (Nonmetropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**134,120,841**	**142,951,962**	**150,983,523**	**160,570,426**	**171,544,647**	**184,153,886**	**85,971,862**	**89,890,285**	**93,905,415**	**96,500,365**	**100,118,167**	**107,761,309**
Nonfarm personal income	133,425,225	142,085,707	149,872,304	159,501,667	170,692,336	183,189,769	79,650,506	81,987,989	84,224,282	86,773,623	91,982,182	98,943,272
Farm income[1]	695,616	866,255	1,111,219	1,068,759	852,311	964,117	6,321,356	7,902,296	9,681,133	9,726,742	8,135,985	8,818,037
Population (thousands)[2]	9,644.0	9,733.2	9,813.2	9,916.9	10,053.6	10,170.6	7,869.3	7,823.1	7,750.7	7,708.1	7,705.7	7,680.4
Per capita personal income (dollars)	**13,907**	**14,687**	**15,386**	**16,192**	**17,063**	**18,107**	**10,925**	**11,490**	**12,116**	**12,519**	**12,993**	**14,031**
Derivation of total personal income:												
Total earnings by place of work	105,805,191	113,068,905	120,144,657	128,855,384	138,299,358	146,466,380	52,109,650	54,565,175	57,772,482	60,421,241	62,534,053	66,274,774
Less: Personal contributions for social insurance[3]	6,632,708	7,447,231	7,984,086	8,607,258	9,587,282	10,498,758	2,921,548	3,156,671	3,303,787	3,549,330	3,981,531	4,453,148
Plus: Adjustment for residence	−4,071,907	−4,464,323	−4,881,231	−5,260,364	−5,544,000	−5,750,782	2,698,367	2,945,452	3,199,785	3,440,517	3,597,004	3,698,032
Equals: Net earnings by place of residence	95,100,576	101,157,351	107,279,340	114,987,762	123,168,076	130,216,840	51,886,469	54,353,956	57,668,480	60,312,428	62,149,526	65,519,658
Plus: Dividends, interest, and rent[5]	22,437,278	23,858,263	24,940,560	25,727,445	27,129,871	30,978,988	19,227,642	19,680,753	19,680,734	19,016,992	19,830,553	22,675,039
Plus: Transfer payments	16,582,987	17,936,348	18,763,623	19,855,219	21,246,700	22,958,058	14,857,751	15,855,576	16,556,201	17,170,945	18,138,088	19,566,612
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	87,938,072	94,042,844	99,484,703	106,397,858	114,238,194	120,706,286	35,415,627	36,199,056	36,982,006	38,949,865	41,431,241	43,656,200
Other labor income	8,803,782	9,049,917	9,690,119	10,103,238	10,757,355	11,551,788	3,420,730	3,364,777	3,492,677	3,644,873	3,906,118	4,211,281
Proprietors' income[6]	9,063,337	9,976,144	10,969,835	12,354,288	13,303,809	14,208,306	13,273,293	15,001,342	17,297,799	17,826,503	17,196,694	18,407,293
Farm	534,533	709,795	959,413	913,553	700,420	814,764	5,323,862	6,932,422	8,739,022	8,759,692	7,187,024	7,882,280
Nonfarm	8,528,804	9,266,349	10,010,422	11,440,735	12,603,389	13,393,542	7,949,431	8,068,920	8,558,777	9,066,811	10,009,670	10,525,013
Earnings by industry:												
Farm	695,616	866,255	1,111,219	1,068,759	852,311	964,117	6,321,356	7,902,296	9,681,133	9,726,742	8,135,985	8,818,037
Nonfarm	105,109,575	112,202,650	119,033,438	127,786,625	137,447,047	145,502,263	45,788,294	46,662,879	48,091,349	50,694,499	54,398,068	57,456,737
Private	90,302,443	96,312,752	102,336,338	109,964,391	118,413,615	125,352,737	36,703,307	37,020,006	37,971,481	40,049,674	43,162,612	45,575,313
Agricultural services, forestry, fisheries, and other[7]	377,237*	365,491*	367,835*	526,928*	553,021*	577,686*	494,840*	433,426*	354,839*	536,662*	(D)	588,019*
Agricultural services	337,545*	325,140*	337,255*	496,389*	517,320*	565,931*	448,233*	398,766*	331,617*	(D)	(D)	564,120*
Forestry, fisheries, and other[7]	15,688*	(D)	(D)	(D)	(D)	(D)	33,392*	27,535*	(D)	(D)	(D)	(D)
Mining	696,555*	766,945*	523,528*	505,839*	575,619*	607,811*	908,725*	903,980*	(D)	(D)	(D)	(D)
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	6,217,704*	6,827,881	7,586,059	8,040,055	8,265,947	8,321,547	3,331,323*	3,058,809*	3,065,462*	3,118,020*	3,301,730*	3,384,467*
Manufacturing	25,086,009	26,152,985	27,073,278	27,984,419	30,087,034	31,224,163	8,871,510*	8,962,475*	9,260,830*	9,959,518*	10,789,028*	11,397,788*
Nondurable goods	9,207,923*	9,616,702*	10,138,495	10,698,993*	11,552,162*	12,260,522	3,685,046*	3,795,218*	3,934,430*	4,156,106*	4,390,391*	4,619,969*
Food and kindred products	(D)	2,656,914*	2,834,359*	2,981,110*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,161,836*	2,333,176*	2,477,889*	2,645,096*	2,884,981*	3,103,628*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	1,349,082*	1,454,623*	1,543,635*	1,601,493*	1,765,830*	1,965,275*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	184,684*	196,735*	205,298*	218,333*	230,163*	233,816*	70,933*	69,255*	75,274*	76,191*	73,486*	(D)
Tobacco manufactures	207	174	335	244	(D)	268*	(L)	179	279	228	(D)	50
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	15,806,602*	16,459,637*	16,934,783	17,267,704*	18,515,113*	18,963,641	4,609,986*	4,588,819*	4,659,414*	5,149,589*	5,782,612*	6,150,395*
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	647,154*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,889,737*	1,945,236*	1,927,256*	1,938,200*	2,044,239*	2,095,006*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	2,304,602*	2,402,234*	2,660,548*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	435,933*	443,741*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	1,043,350*	1,087,617*	1,288,647*	1,300,670*	1,344,696*	1,391,234*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	9,565,875*	9,907,472*	10,188,907*	10,662,884*	11,368,480*	12,074,482*	4,283,320*	4,212,091*	4,480,780*	4,483,890*	4,717,304*	4,906,763*
Railroad transportation	1,306,266*	1,216,642*	1,262,907*	1,234,123*	1,221,385*	1,258,315*	819,125*	812,106*	771,877*	761,669*	779,194*	812,134*
Trucking and warehousing	2,337,659*	2,398,131*	2,522,462*	2,644,916*	2,771,144*	(D)	1,708,241*	1,626,395*	1,690,375*	1,753,274*	1,832,199*	1,897,316*
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	3,033,239*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	8,474,022*	8,961,351	9,251,351	10,036,177	10,907,770	11,607,431	3,075,379*	3,114,645*	3,044,063*	3,174,956*	3,431,188*	3,619,770*
Retail trade	10,287,908	10,890,229	11,491,702	12,128,627	13,144,859	13,751,584	5,341,931	5,392,429	5,386,249	5,526,358	6,041,331	6,323,095
Finance, insurance, and real estate	7,045,334	7,724,198	8,699,855	10,259,353	10,484,676	10,764,304	1,940,550*	1,958,360*	2,059,329*	2,432,932*	2,334,173*	2,364,623*
Banking and credit agencies	2,163,676*	2,294,823*	2,580,124*	2,732,352*	2,710,950*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	4,719,535*	5,140,479*	5,888,560*	7,327,089*	6,819,195*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Services	22,381,653*	24,702,066	27,139,119	29,804,726	33,009,596	36,405,832	8,137,869*	8,717,645*	9,307,584*	9,807,584*	10,865,083*	11,832,984*
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	671,991*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	1,079,294	1,322,140	1,444,297	1,531,008	1,766,957	1,975,854	565,139*	714,585*	762,569*	796,143*	931,510*	1,059,032*
Private households	(D)	(D)	(D)	(D)	(D)	249,353*	158,016*	156,673*	157,052*	155,869*	163,375*	169,885*
Business services	4,415,348*	5,097,289	5,715,512	6,357,085	7,057,522	7,997,517	1,169,918*	1,327,713*	1,433,836*	1,490,352*	1,679,783*	1,863,299*
Auto repair, services, and garages	978,181	1,082,988	1,172,052	1,224,237	1,323,834	1,396,492	588,442*	650,090*	697,234*	687,811*	711,388*	760,009*
Miscellaneous repair services	407,651	366,208	424,892*	433,467	498,767	541,288	299,522*	(D)	(D)	(D)	(D)	(D)
Amusement and recreation services	465,969*	517,743*	570,796*	624,288*	711,066*	741,372*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	110,821*	122,451*	126,284*	133,018*	161,018*	173,674*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	7,968,186*	8,559,607*	9,232,706	10,341,310	11,385,464	12,518,405	2,890,028*	3,037,133*	3,192,536*	3,470,413*	3,780,974*	4,113,049*
Legal services	1,711,679	1,880,262	2,141,655	2,313,176	2,610,151	2,859,168	465,953*	492,675*	553,849*	542,126*	612,147*	661,286*
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	703,292*	769,779*	839,323*	903,422*	1,008,861*	1,134,696*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	861,159*	892,494*	942,733	1,018,418	1,121,289	1,181,344	(D)	(D)	(D)	468,348*	515,332*	535,962*
Miscellaneous services	1,898,831	2,041,466*	2,390,000*	2,632,825	2,915,246	3,230,786	529,929*	536,053*	643,768*	687,320*	765,485*	855,167*
Government and government enterprises	14,807,132	15,889,898	16,697,100	17,822,234	19,033,432	20,149,526	9,084,987	9,642,873	10,119,868	10,644,825	11,235,456	11,881,424
Federal, civilian	3,363,588	3,575,436	3,586,143	3,822,937	4,125,372	4,327,280	1,210,489	1,282,490	1,303,394	1,402,429	1,480,788	1,549,370
Military	1,050,343	1,142,887	1,221,110	1,318,206	1,356,172	1,395,805	788,312	832,474	872,400	912,326	915,364	952,575
State and local	10,393,201	11,171,575	11,889,847	12,681,091	13,551,888	14,426,441	7,086,186	7,527,909	7,944,074	8,330,070	8,839,304	9,379,479

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Southeast						Southeast (Metropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**634,234,658**	**681,055,681**	**728,365,380**	**782,707,736**	**848,795,413**	**914,325,268**	**451,750,973**	**489,196,249**	**524,887,724**	**566,895,335**	**615,501,396**	**664,744,430**
Nonfarm personal income	623,778,598	672,173,139	719,140,249	772,192,093	835,997,965	901,736,725	448,054,425	485,760,069	521,295,048	563,171,553	611,151,528	660,413,942
Farm income[1]	10,456,060	8,882,542	9,225,131	10,515,643	12,797,448	12,588,543	3,696,548	3,436,180	3,592,676	3,723,782	4,349,868	4,330,488
Population (thousands)[2]	55,791.4	56,550.7	57,275.5	58,015.5	58,671.5	59,338.3	36,096.3	36,726.9	37,364.6	38,012.5	38,592.3	39,192.6
Per capita personal income (dollars)	**11,368**	**12,043**	**12,717**	**13,491**	**14,467**	**15,409**	**12,515**	**13,320**	**14,048**	**14,913**	**15,949**	**16,961**
Derivation of total personal income:												
Total earnings by place of work	450,474,553	482,614,277	517,712,607	563,039,508	610,542,160	647,284,115	332,057,644	360,027,091	387,990,487	423,847,504	459,924,670	488,308,965
Less: Personal contributions for social insurance[3]	25,040,780	28,245,001	30,736,901	32,478,981	36,507,246	40,227,423	18,516,536	21,043,464	22,987,969	24,357,230	27,394,773	30,097,844
Plus: Adjustment for residence	3,464,574	3,461,965	3,586,876	3,687,315	3,840,436	4,367,481	−4,098,299	−5,054,074	−5,877,785	−6,954,121	−7,596,161	−7,553,998
Equals: Net earnings by place of residence	428,898,347	457,831,241	490,562,582	534,247,842	577,875,350	611,424,173	309,442,809	333,929,553	359,124,733	392,536,153	424,933,736	450,657,123
Plus: Dividends, interest, and rent[4]	104,681,674	114,359,897	121,123,972	125,283,081	138,420,815	159,534,761	77,459,393	84,936,585	90,334,848	94,367,587	104,447,059	120,593,845
Plus: Transfer payments	100,654,637	108,864,543	116,678,826	123,176,813	132,499,248	143,366,334	64,848,771	70,330,111	75,428,143	79,991,595	86,120,601	93,493,462
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	367,472,367	395,899,609	422,143,172	457,148,342	493,525,927	523,115,555	276,908,387	300,744,247	322,344,271	350,750,186	379,847,780	402,840,488
Other labor income	35,371,638	36,430,186	39,212,199	41,844,057	45,209,546	48,618,380	26,191,163	27,213,706	29,446,925	31,565,265	34,162,015	36,711,419
Proprietors' income[6]	47,630,548	50,284,482	56,357,236	64,047,109	71,806,687	75,550,180	28,958,094	32,069,138	36,199,291	41,532,053	45,914,875	48,757,058
Farm	8,587,718	7,032,521	7,391,521	8,583,615	10,856,636	10,616,552	2,971,582	2,718,473	2,881,033	2,974,749	3,598,032	3,567,697
Nonfarm	39,042,830	43,251,961	48,965,715	55,463,494	60,950,051	64,933,628	25,986,512	29,350,665	33,318,258	38,557,304	42,316,843	45,189,361
Earnings by industry:												
Farm	10,456,060	8,882,542	9,225,131	10,515,643	12,797,448	12,588,543	3,696,548	3,436,180	3,592,676	3,723,782	4,349,868	4,330,488
Nonfarm	440,018,493	473,731,735	508,487,476	552,523,865	597,744,712	634,695,572	328,361,096	356,590,911	384,397,811	420,123,722	455,574,802	483,978,477
Private	358,545,397	385,844,862	415,410,660	452,890,571	491,024,636	520,349,740	267,185,371	290,574,939	314,438,726	345,042,625	375,028,546	397,480,903
Agricultural services, forestry, fisheries, and other[7]	2,368,280	2,596,550	2,731,802	3,320,362	3,639,429	3,846,432	1,471,808*	1,687,500*	1,833,031*	2,186,276*	2,400,049*	2,595,421*
Agricultural services	1,953,978	2,090,726	2,201,532	2,864,728	3,123,801	3,316,552	1,234,384*	1,381,251*	1,467,866*	1,877,859*	2,014,910*	2,171,192*
Forestry, fisheries, and other[7]	414,302	505,824	530,270	455,634	515,628	529,880	(D)	(D)	270,900*	(D)	(D)	(D)
Mining	9,660,186	10,011,366	8,211,394	7,719,394	8,180,763	8,235,670	4,094,187*	4,551,693*	3,327,504*	3,064,588*	3,399,990*	3,399,422*
Coal mining	4,500,471	4,317,032	4,097,686	3,805,609	3,736,058	3,752,508	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	4,149,037	4,646,704	3,024,293	2,764,950	3,171,833	3,190,572	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	57,022	57,751	48,615	70,625	78,427	98,412	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	953,656	989,879	1,040,800	1,078,210	1,194,445	1,194,178	(D)	(D)	(D)	(D)	(D)	(D)
Construction	30,650,451	33,355,070	36,566,360	38,184,797	41,442,422	42,138,031	23,179,859*	25,444,920*	28,237,322*	29,640,801*	32,196,449*	32,675,269*
Manufacturing	95,596,239	99,560,990	104,882,261	111,160,422	118,627,377	123,331,066	61,623,179*	64,747,460	67,952,433	71,658,364*	76,611,123	79,155,160*
Nondurable goods	48,125,473	49,392,162	52,420,405	55,737,063	59,008,036	61,659,201	28,836,222*	29,993,760*	31,643,341*	33,569,842*	35,837,103*	37,264,124*
Food and kindred products	7,220,611	7,554,071	8,075,633	8,524,974	8,929,676	9,212,626	4,322,029*	4,455,318*	4,669,846*	(D)	(D)	(D)
Textile mill products	9,332,568	9,032,078	9,825,667	10,761,308	11,088,094	11,505,305	(D)	(D)	(D)	(D)	(D)	4,440,697*
Apparel and other textile products	5,487,630	5,338,196	5,570,575	5,783,848	6,052,858	6,282,762	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	5,263,998	5,542,280	5,881,427	6,184,415	6,518,184	6,952,094	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	4,559,237	5,120,908	5,638,039	6,122,814	6,744,417	7,054,591	3,595,057*	4,077,045*	4,496,318*	4,892,425*	5,417,800*	5,670,312*
Chemicals and allied products	8,732,529	9,039,707	9,393,951	9,637,894	10,496,567	11,231,099	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,185,359	1,189,491	1,235,048	1,316,224	1,344,384	1,298,527	1,033,823*	1,033,770*	1,066,009*	1,136,513*	1,163,820*	1,117,829*
Tobacco manufactures	1,890,645	1,977,952	2,005,154	2,157,048	2,289,377	2,333,416	1,741,454*	1,833,316*	1,854,286*	(D)	(D)	(D)
Rubber and misc. plastic products	3,974,874	4,171,831	4,399,569	4,845,665	5,140,402	5,365,239	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	478,022	425,648	395,342	402,873	404,077	423,542	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	47,470,766	50,168,828	52,461,856	55,423,359	59,619,341	61,671,865	32,269,724*	34,536,684*	35,725,346*	37,884,208*	40,499,887*	41,749,825*
Lumber and wood products	4,507,931	4,761,793	5,181,507	5,591,449	5,896,319	5,953,628	(D)	(D)	(D)	(D)	(D)	1,775,236*
Furniture and fixtures	3,196,124	3,371,937	3,556,362	3,899,517	4,105,445	4,160,951	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	4,320,562	4,187,801	4,267,261	4,432,637	4,870,472	5,042,960	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,375,446	5,703,868	5,889,595	6,041,611	6,448,658	6,893,806	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	7,426,238	8,009,108	8,168,222	8,566,053	9,392,060	10,092,570	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	8,825,153	9,216,041	9,405,105	9,786,864	10,470,596	10,851,354	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	5,238,531	5,774,029	6,236,849	6,728,586	7,035,058	7,037,159	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,929,773	3,258,312	3,456,131	3,629,868	4,086,412	4,123,352	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,308,212	3,417,814	3,657,208	3,857,166	4,097,071	4,189,197	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	1,298,275	1,385,616	1,495,671	1,643,968	1,827,667	1,926,358	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,044,521	1,082,509	1,147,945	1,245,640	1,389,583	1,400,530	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	35,150,009	37,040,658	39,375,939	42,229,027	45,014,968	46,813,836	27,248,548*	28,847,787*	30,442,261*	33,145,423*	35,413,627*	36,753,998*
Railroad transportation	3,325,988	3,193,395	2,990,930	2,845,260	2,945,435	2,874,567	2,109,364*	2,110,277*	1,984,321*	1,828,009*	1,963,022*	1,921,758*
Trucking and warehousing	9,054,493	9,294,113	9,978,407	10,830,967	11,762,442	12,318,181	6,043,786*	6,218,891*	6,654,235*	7,460,707*	7,779,944*	(D)
Water transportation	1,480,354	1,523,525	1,409,042	1,407,008	1,565,405	1,660,772	1,154,850*	1,196,595*	1,115,314*	1,114,729*	1,251,076*	1,296,833*
Other transportation[8]	5,763,259	6,346,892	7,063,486	7,940,514	8,538,405	8,948,638	(D)	(D)	(D)	(D)	(D)	(D)
Communication	8,757,303	9,144,763	9,383,195	10,314,975	10,896,019	11,267,655	(D)	7,173,400*	7,662,293*	8,405,650*	8,935,606*	9,315,087*
Electric, gas, and sanitary services	6,768,612	7,537,970	8,550,879	8,890,303	9,307,262	9,744,023	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	27,735,948	30,205,425	31,636,160	34,371,606	37,806,335	40,774,920	23,383,916*	25,639,015*	26,960,693*	29,352,840*	32,354,737*	34,839,810*
Retail trade	47,478,990	51,055,189	54,694,969	58,582,354	63,845,306	67,050,538	35,628,698	38,590,451	41,557,825	44,695,520	48,574,747	50,993,270
Finance, insurance, and real estate	23,009,493	25,523,054	28,911,901	35,540,042	35,626,716	36,343,278	19,635,868*	22,015,774*	25,103,569*	30,835,251*	31,047,837*	31,663,192*
Banking and credit agencies	9,041,210	9,967,597	11,198,275	12,186,128	12,933,653	13,449,534	6,402,020*	(D)	8,203,518*	8,920,625*	9,675,605*	(D)
Other finance, insurance, and real estate[9]	13,968,283	15,555,457	17,713,626	23,353,914	22,693,063	22,893,744	11,461,586*	12,846,981*	14,926,165*	19,238,160*	19,376,071*	(D)
Services	86,895,801	96,496,560	108,399,874	121,782,567	136,841,320	151,815,969	70,333,688*	78,519,222*	88,523,287*	100,286,307	112,803,587	125,171,329*
Hotels and other lodging places	3,598,561	3,871,955	4,192,556	4,700,387	5,043,919	5,294,448	(D)	2,914,754*	3,172,395*	3,649,787*	(D)	4,143,868*
Personal services	4,120,622	5,010,061	5,492,181	5,864,788	6,741,146	7,599,820	3,102,643*	3,719,240*	4,096,376*	4,380,210*	5,018,104*	5,601,524*
Private households	2,757,318	2,798,525	2,819,248	2,844,967	3,031,867	3,201,990	1,931,448*	1,960,895*	1,973,433*	1,995,968*	2,132,612*	2,256,352*
Business services	14,965,073	17,488,253	19,952,956	22,980,253	26,178,968	29,934,543	13,123,542*	15,389,922*	17,618,056*	20,434,840*	23,244,024*	26,533,777*
Auto repair, services, and garages	3,921,277	4,384,242	4,787,548	5,091,676	5,435,309	5,855,808	2,918,077	3,277,214	3,595,814	3,868,815	4,152,088	4,466,635
Miscellaneous repair services	2,052,467	1,927,709	2,181,642	2,259,532	2,570,607	2,816,230	1,501,686*	1,425,878*	1,618,666*	1,703,388*	1,855,015*	2,093,925*
Amusement and recreation services	2,202,383	2,410,223	2,701,568	3,030,712	3,357,410	3,816,272	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	269,324	297,479	321,823	350,213	384,948	443,389	(D)	(D)	(D)	(D)	(D)	(D)
Health services	27,688,496	30,368,847	33,310,155	38,531,166	43,423,923	47,915,117	21,942,259*	24,212,688*	26,630,157*	30,988,420*	34,992,137*	38,613,149*
Legal services	6,457,231	7,206,667	8,348,652	9,374,665	10,597,182	11,508,032	5,542,087*	6,215,678	7,221,085	8,178,940*	9,223,300*	10,008,460*
Educational services	3,047,094	3,351,443	3,629,052	4,004,685	4,449,452	4,869,849	(D)	(D)	(D)	(D)	(D)	(D)
Social services	1,853,504	2,082,548	2,338,646	2,622,020	2,973,361	3,360,377	1,375,363*	1,559,484*	1,771,377*	1,996,804*	2,279,951*	2,613,322*
Museums, botanical, zoological gardens	35,953	42,857	78,255	86,088	96,789	108,680	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,658,952	3,763,474	3,977,986	4,338,809	4,830,360	5,130,925	2,698,393*	2,819,060*	2,999,699*	3,285,238*	3,680,535*	3,930,069*
Miscellaneous services	10,267,546	11,492,277	14,267,606	15,702,606	17,726,079	19,960,489	8,568,556*	9,689,019*	11,936,363*	13,045,985*	14,779,820*	16,635,642*
Government and government enterprises	81,473,096	87,886,873	93,076,816	99,633,294	106,720,076	114,345,832	61,175,725	66,015,972	69,959,085	75,081,097	80,546,256	86,497,574
Federal, civilian	18,834,469	19,954,549	19,993,821	21,381,083	23,261,598	24,570,798	15,736,590	16,673,094	16,755,803	17,949,052	19,566,191	20,763,698
Military	13,467,953	14,301,215	14,889,645	15,529,278	15,799,832	16,413,749	10,950,228	11,661,869	12,177,870	12,682,499	12,905,154	13,443,067
State and local	49,170,674	53,631,109	58,193,350	62,722,933	67,658,646	73,361,285	34,488,907	37,681,009	41,025,412	44,449,546	48,074,911	52,290,809

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Southeast (Nonmetropolitan portion)						Southwest					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**182,483,685**	**191,859,432**	**203,477,656**	**215,812,401**	**233,294,017**	**249,580,838**	**296,108,830**	**318,146,804**	**327,231,760**	**337,858,673**	**359,842,829**	**385,742,431**
Nonfarm personal income	175,724,173	186,413,070	197,845,201	209,020,540	224,846,437	241,322,783	292,251,157	314,087,363	322,772,642	332,310,785	353,925,175	380,196,053
Farm income[1]	6,759,512	5,446,362	5,632,455	6,791,861	8,447,580	8,258,055	3,857,673	4,059,441	4,459,118	5,547,888	5,917,654	5,546,378
Population (thousands)[2]	19,695.1	19,823.8	19,910.9	20,003.0	20,079.1	20,145.7	23,859.8	24,293.9	24,734.3	24,931.8	25,073.7	25,311.5
Per capita personal income (dollars)	**9,265**	**9,678**	**10,219**	**10,789**	**11,619**	**12,389**	**12,410**	**13,096**	**13,230**	**13,551**	**14,351**	**15,240**
Derivation of total personal income:												
Total earnings by place of work	118,416,909	122,587,186	129,722,120	139,192,004	150,617,490	158,975,150	225,170,621	240,344,122	244,551,798	252,649,833	268,539,168	282,495,343
Less: Personal contributions for social insurance[3]	6,524,244	7,201,537	7,748,932	8,121,751	9,112,473	10,129,579	12,293,366	13,776,771	14,242,288	14,584,639	15,951,683	17,421,464
Plus: Adjustment for residence	7,562,873	8,516,039	9,464,661	10,641,436	11,436,597	11,921,479	−243,542	−303,410	−269,899	−236,181	−265,747	−283,899
Equals: Net earnings by place of residence	119,455,538	123,901,688	131,437,849	141,711,689	152,941,614	160,767,050	212,633,713	226,263,941	230,039,611	237,829,013	252,321,738	264,789,980
Plus: Dividends, interest, and rent[5]	27,222,281	29,423,312	30,789,124	30,915,494	33,973,756	38,940,916	46,805,005	52,021,396	53,653,519	53,520,114	57,647,378	66,399,446
Plus: Transfer payments	35,805,866	38,534,432	41,250,683	43,185,218	46,378,647	49,872,872	36,670,112	39,861,467	43,538,630	46,509,546	49,873,713	54,553,005
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	90,563,980	95,155,362	99,798,901	106,398,156	113,678,147	120,275,067	181,550,444	194,121,599	196,021,911	201,362,186	213,142,304	224,082,521
Other labor income	9,180,475	9,216,480	9,765,274	10,278,792	11,047,531	11,906,961	18,019,967	18,153,787	18,777,728	19,033,683	20,351,508	21,795,564
Proprietors' income[6]	18,672,454	18,215,344	20,157,945	22,515,056	25,891,812	26,793,122	25,600,210	28,068,736	29,752,159	32,253,964	35,045,356	36,617,258
Farm	5,616,136	4,314,048	4,510,488	5,608,866	7,258,604	7,048,855	3,073,229	3,283,621	3,691,644	4,738,884	5,109,217	4,727,155
Nonfarm	13,056,318	13,901,296	15,647,457	16,906,190	18,633,208	19,744,267	22,526,981	24,785,115	26,060,515	27,515,080	29,936,139	31,890,103
Earnings by industry:												
Farm	6,759,512	5,446,362	5,632,455	6,791,861	8,447,580	8,258,055	3,857,673	4,059,441	4,459,118	5,547,888	5,917,654	5,546,378
Nonfarm	111,657,397	117,140,824	124,089,665	132,400,143	142,169,910	150,717,095	221,312,948	236,284,681	240,092,680	247,101,945	262,621,514	276,948,965
Private	91,360,026	95,269,923	100,971,934	107,847,946	115,996,090	122,868,837	185,594,793	197,346,494	199,294,537	204,092,344	217,129,229	228,468,873
Agricultural services, forestry, fisheries, and other[7]	861,720*	873,837*	857,014*	1,040,472*	1,079,517*	1,173,810*	1,105,558	1,178,611	1,174,483	1,408,689	1,486,271	1,525,874
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	1,036,589	1,075,137	1,056,709	1,317,276	1,380,852	1,416,454
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	68,969	103,474	117,774	91,413	105,419	109,420
Mining	5,326,152*	5,206,035*	4,662,544*	4,301,548*	4,397,568*	4,452,900*	13,849,968	13,798,323	11,437,990	10,374,389	10,921,357	10,810,774
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	258,111	264,225	394,875	370,887	366,353	368,935
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	12,718,081	12,727,761	10,287,405	9,245,543	9,680,670	9,576,706
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	539,119	490,581	421,014	438,835	550,369	550,713
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	334,657	315,756	334,696	319,124	323,965	314,420
Construction	7,262,851*	7,649,629*	8,104,236*	8,344,962*	9,057,874*	9,276,919*	19,637,804	20,296,651	19,521,739	17,520,793	17,693,517	17,637,945
Manufacturing	33,968,738*	34,795,579*	36,919,995*	39,492,987*	42,002,930*	44,174,348*	36,260,015	38,026,163	38,176,174	39,114,891	42,290,740	43,767,238
Nondurable goods	18,031,080*	18,429,650*	19,726,257*	21,104,468*	22,058,662*	23,301,669*	13,616,198	13,977,206	14,400,896	14,812,669	15,864,153	16,181,568
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	2,644,316	2,738,728	2,892,694	2,962,883	3,060,611	3,144,012
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	124,347	121,385	124,415	123,631	121,975	130,615
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	973,653	952,927	918,104	953,107	1,001,855	1,064,965
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	817,884	829,722	865,389	910,382	977,423	1,005,227
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	2,091,433	2,280,752	2,391,107	2,474,539	2,600,546	2,630,882
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,132,862	3,394,803	3,673,897	3,771,392	4,470,238	4,537,773
Petroleum and coal products	147,431*	(D)	163,670*	174,730*	169,605*	171,794*	2,499,543	2,324,619	2,191,147	2,205,403	2,126,139	2,050,692
Tobacco manufactures	137,773*	132,972*	143,624*	(D)	(D)	(D)	2,937	3,650	3,928	2,615	3,102	2,943
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,202,506	1,204,856	1,213,650	1,274,075	1,369,117	1,474,303
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	126,717	125,764	126,565	134,642	133,147	140,156
Durable goods	14,263,476*	14,751,218*	15,525,196*	16,777,109*	18,309,784*	19,220,136*	22,643,817	24,048,957	23,775,278	24,302,222	26,426,587	27,585,670
Lumber and wood products	(D)	(D)	(D)	3,350,161*	3,699,326*	3,785,112*	1,058,919	1,056,600	1,060,101	1,049,936	1,058,161	1,011,126
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	394,059	406,065	415,207	417,514	439,278	447,771
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,517,776	1,397,166	1,309,079	1,239,361	1,412,014	1,419,943
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,649,022	2,714,814	2,577,739	2,560,391	2,736,233	2,921,604
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	5,599,757	5,870,294	5,045,688	4,910,809	5,385,109	5,658,120
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	4,405,601	4,922,682	5,135,586	5,440,886	5,981,457	6,311,243
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,977,824	3,398,278	3,962,540	4,382,589	4,679,051	4,921,794
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	909,572	945,742	837,725	851,884	1,027,113	1,023,325
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,672,950	1,786,926	1,782,353	1,705,082	1,709,276	1,686,216
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	902,599	998,831	1,107,377	1,155,133	1,312,323	1,466,928
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	555,738	551,559	541,883	588,637	686,572	717,600
Transportation and public utilities	6,905,657*	(D)	(D)	8,281,834*	8,759,350*	9,175,469*	16,621,458	17,615,264	17,721,539	18,242,515	19,419,576	20,672,830
Railroad transportation	911,314*	885,249*	851,703*	803,251*	826,319*	794,550*	1,265,098	1,227,903	1,169,986	1,139,963	1,149,054	1,181,756
Trucking and warehousing	2,450,886*	2,432,550*	2,624,619*	2,866,575*	3,085,166*	3,293,909*	3,884,290	3,877,144	3,913,832	4,066,554	4,281,827	4,395,442
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	446,356	425,197	362,984	376,300	407,600	417,757
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,048,864	3,316,131	3,614,394	4,036,183	4,474,085	5,126,109
Communication	(D)	(D)	(D)	(D)	(D)	(D)	3,975,767	4,249,295	4,238,779	4,618,977	4,682,040	4,877,596
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	4,001,083	4,519,594	4,421,564	4,004,538	4,424,970	4,674,170
Wholesale trade	4,187,221*	4,416,972*	4,511,093*	4,826,261*	5,254,786*	5,766,336*	15,256,005	16,194,269	16,137,380	16,167,050	17,273,716	18,627,241
Retail trade	11,850,292	12,464,738	13,137,144	13,886,834	15,270,559	16,057,268	24,163,322	25,559,522	25,774,252	25,861,645	27,148,734	28,253,437
Finance, insurance, and real estate	3,333,492*	3,496,105*	3,795,598*	4,669,356*	4,542,009*	4,650,326*	14,328,277	15,787,704	16,938,842	18,436,886	18,208,508	18,282,007
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	5,314,602	5,900,919	6,279,470	6,268,897	6,250,504	6,319,585
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	9,013,675	9,886,785	10,659,372	12,167,989	11,958,004	11,962,422
Services	15,994,813*	17,311,594*	19,164,958*	20,991,358*	23,480,333*	26,065,619*	44,372,386	48,889,987	52,412,138	56,965,486	62,686,810	68,891,527
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	1,521,052	1,610,352	1,640,863	1,814,802	1,888,454	1,905,366
Personal services	1,000,872*	1,258,725*	1,359,009*	1,444,263*	1,675,081*	1,943,056*	2,300,061	2,768,149	2,907,941	3,015,978	3,367,573	3,765,995
Private households	815,388*	820,357*	824,530*	825,573*	873,660*	918,990*	999,575	1,017,718	1,029,522	1,031,206	1,089,567	1,146,626
Business services	1,762,323*	(D)	(D)	(D)	(D)	(D)	10,279,747	11,739,491	12,244,433	13,045,220	14,394,778	16,315,259
Auto repair, services, and garages	996,638*	1,104,751*	1,186,730*	1,218,442*	1,279,287*	1,388,086*	2,179,524	2,400,201	2,546,354	2,621,846	2,678,328	2,888,185
Miscellaneous repair services	522,100*	475,265*	529,234*	514,018*	596,575*	655,072*	998,436	945,785	972,714	957,296	1,072,362	1,195,871
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	846,830	946,813	1,026,305	1,123,097	1,285,060	1,392,780
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	160,088	176,369	188,692	187,553	215,148	233,936
Health services	5,661,801*	6,134,653*	6,655,635*	7,510,573*	8,402,811*	9,267,548*	12,375,794	13,393,214	14,483,172	16,499,083	18,394,940	20,061,649
Legal services	901,222*	986,161*	1,121,634*	1,190,745*	1,367,336*	1,492,874*	3,699,813	4,231,943	4,900,009	5,513,441	6,273,020	6,808,622
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,096,606	1,205,453	1,289,486	1,464,011	1,625,769	1,793,444
Social services	(D)	(D)	(D)	(D)	(D)	(D)	897,463	1,002,289	1,056,848	1,168,198	1,278,677	1,419,674
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	36,447	40,063	45,702	49,019	53,845	58,794
Membership organizations	892,999*	897,565*	926,605*	1,000,480*	1,097,471*	1,150,365*	1,752,372	1,869,483	1,992,380	2,163,090	2,406,407	2,540,235
Miscellaneous services	1,685,696*	1,772,932*	2,296,350*	2,505,605*	2,822,709*	3,212,603*	5,228,578	5,542,664	6,087,717	6,311,646	6,662,882	7,365,091
Government and government enterprises	20,297,371	21,870,901	23,117,731	24,552,197	26,173,820	27,848,258	35,718,155	38,938,187	40,798,143	43,009,601	45,492,285	48,480,092
Federal, civilian	3,097,879	3,281,455	3,238,018	3,432,031	3,695,407	3,807,100	7,602,211	8,273,013	8,316,595	8,840,811	9,574,026	10,259,851
Military	2,517,725	2,639,346	2,711,775	2,846,779	2,894,678	2,970,682	4,327,292	4,537,649	4,772,220	4,986,081	4,998,840	5,088,745
State and local	14,681,767	15,950,100	17,167,938	18,273,387	19,583,735	21,070,476	23,788,652	26,127,525	27,709,328	29,182,709	30,919,419	33,131,496

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Southwest (Metropolitan portion)						Southwest (Nonmetropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**235,100,400**	**253,590,945**	**261,508,244**	**270,399,089**	**288,565,868**	**310,276,738**	**61,008,430**	**64,555,859**	**65,723,516**	**67,459,584**	**71,276,961**	**75,465,693**
Nonfarm personal income	234,009,475	252,482,637	260,363,015	269,038,252	287,082,099	308,941,654	58,241,682	61,604,726	62,409,627	63,272,533	66,843,076	71,254,399
Farm income[1]	1,090,925	1,108,308	1,145,229	1,360,837	1,483,769	1,335,084	2,766,748	2,951,133	3,313,889	4,187,051	4,433,885	4,211,294
Population (thousands)[2]	17,889.0	18,303.2	18,715.0	18,934.9	19,085.2	19,325.4	5,970.8	5,990.7	6,019.3	5,996.9	5,988.6	5,986.1
Per capita personal income (dollars)	**13,142**	**13,855**	**13,973**	**14,280**	**15,120**	**16,055**	**10,218**	**10,776**	**10,919**	**11,249**	**11,902**	**12,607**
Derivation of total personal income:												
Total earnings by place of work	187,355,666	200,783,507	204,935,544	211,490,703	225,257,944	238,081,840	37,814,955	39,560,615	39,616,254	41,159,130	43,281,224	44,413,503
Less: Personal contributions for social insurance[3]	10,281,395	11,566,635	12,006,081	12,308,057	13,460,888	14,697,124	2,011,971	2,210,136	2,236,207	2,276,582	2,490,795	2,724,340
Plus: Adjustment for residence	−3,072,652	−3,253,617	−3,268,077	−3,234,488	−3,403,860	−3,530,125	2,829,110	2,950,207	2,998,178	2,998,307	3,138,113	3,246,226
Equals: Net earnings by place of residence	174,001,619	185,963,255	189,661,386	195,948,158	208,393,196	219,854,591	38,632,094	40,300,686	40,378,225	41,880,855	43,928,542	44,935,389
Plus: Dividends, interest, and rent[5]	35,326,687	39,467,512	40,957,073	41,298,557	44,578,213	51,350,919	11,478,318	12,553,884	12,696,446	12,221,557	13,069,165	15,048,527
Plus: Transfer payments	25,772,094	28,160,178	30,889,785	33,152,374	35,594,459	39,071,228	10,898,018	11,701,289	12,648,845	13,357,172	14,279,254	15,481,777
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	154,187,096	165,467,097	168,026,142	172,840,963	183,297,470	193,338,930	27,363,348	28,654,502	27,995,769	28,521,223	29,844,834	30,743,591
Other labor income	15,183,478	15,348,138	15,974,938	16,204,811	17,337,875	18,667,305	2,836,489	2,805,649	2,802,790	2,828,872	3,013,633	3,128,259
Proprietors' income[6]	17,985,092	19,968,272	20,934,464	22,444,929	24,622,599	26,075,605	7,615,118	8,100,464	8,817,695	9,809,035	10,422,757	10,541,653
Farm	805,647	824,112	861,146	1,058,003	1,179,581	1,028,045	2,267,582	2,459,509	2,830,498	3,680,881	3,929,636	3,699,110
Nonfarm	17,179,445	19,144,160	20,073,318	21,386,926	23,443,018	25,047,560	5,347,536	5,640,955	5,987,197	6,128,154	6,493,121	6,842,543
Earnings by industry:												
Farm	1,090,925	1,108,308	1,145,229	1,360,837	1,483,769	1,335,084	2,766,748	2,951,133	3,313,889	4,187,051	4,433,885	4,211,294
Nonfarm	186,264,741	199,675,199	203,790,315	210,129,866	223,774,175	236,746,756	35,048,207	36,609,482	36,302,365	36,972,079	38,847,339	40,202,209
Private	157,691,643	168,451,065	171,035,728	175,531,679	187,132,016	197,565,479	27,903,150	28,895,429	28,258,809	28,560,665	29,997,213	30,903,394
Agricultural services, forestry, fisheries, and other[7]	754,457	818,452	843,901*	975,503*	1,023,690	1,056,924	345,667*	344,797*	307,821*	412,257*	429,805*	454,684*
Agricultural services	661,325*	733,334*	754,802*	907,646*	948,809*	975,018*	298,623*	291,069*	265,384*	(D)	(D)	390,080*
Forestry, fisheries, and other[7]	(D)	56,928*	69,447*	53,921*	62,995*	60,767*	(D)	(D)	41,697*	(D)	(D)	(D)
Mining	10,021,155	10,034,788	8,355,618*	7,526,978*	8,009,489	7,900,300	3,647,931*	(D)	2,966,419*	2,777,050*	2,730,756*	2,707,859*
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	8,931,106*	8,950,640*	(D)	6,744,208*	7,052,308*	6,883,888*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	132,001*	94,845*	75,689*	97,301*	125,932*	153,428*	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	16,330,612	16,760,390	16,203,245	14,402,112	14,557,218	14,516,468	3,304,720*	3,476,764*	3,316,689*	3,117,041*	3,063,033*	3,109,477*
Manufacturing	31,034,059	32,743,362	32,961,835	33,765,606	36,514,641	38,042,423	5,223,502*	5,278,032*	5,208,918*	5,347,665*	5,772,413*	5,720,486*
Nondurable goods	11,317,342*	11,680,465*	12,079,209*	12,412,286*	13,337,748*	13,791,517*	2,163,645*	2,198,759*	2,217,312*	2,189,635*	2,300,473*	(D)
Food and kindred products	2,078,501*	2,125,186*	2,238,340*	2,295,683*	2,354,116*	2,339,542*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	706,294*	696,738*	(D)	694,296*	737,147*	795,754*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	1,898,237*	2,075,131*	2,177,995*	2,247,327*	2,352,239*	2,402,751*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	2,601,978*	2,962,289*	3,166,273*	3,249,886*	3,861,787*	4,136,712*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,026,141*	1,896,280*	1,776,918*	1,771,403*	1,685,319*	1,799,082*	464,408*	421,136*	401,191*	425,287*	436,795*	249,578*
Tobacco manufactures	(D)	3,650	3,928	2,615	3,102	(D)	0	0	0	0	0	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	19,714,528*	21,059,915*	20,879,033*	21,330,859*	23,152,631*	24,249,616*	(D)	2,696,186*	2,716,077*	2,761,029*	3,019,334*	3,011,306*
Lumber and wood products	588,982*	604,579*	605,595*	555,861*	522,021*	510,278*	(D)	(D)	(D)	(D)	(D)	435,270*
Furniture and fixtures	277,263*	293,459*	311,571*	(D)	(D)	317,339*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	928,665*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	2,106,098*	2,250,653*	2,085,639*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	4,723,729*	5,219,776*	4,488,326*	4,104,900*	4,500,294*	4,993,866*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,242,090*	1,343,739*	1,340,950*	1,240,176*	1,237,324*	1,216,717*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	1,090,826*	1,226,695*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	513,216*	506,154*	489,891*	532,061*	609,858*	639,892*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	13,584,765	14,457,685	14,451,645	14,970,989	16,128,766	17,308,030	2,940,082*	2,974,547*	3,017,799*	3,121,616*	3,126,818*	3,167,460*
Railroad transportation	922,493*	828,488*	830,762*	807,347*	825,158*	852,295*	320,520*	322,221*	308,988*	307,690*	312,726*	314,488*
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	818,023*	790,824*	744,579*	745,597*	775,853*	785,985*
Water transportation	421,982*	400,966*	345,999*	359,433*	389,982*	401,417*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	3,388,704*	3,692,620*	3,609,328*	3,955,205*	4,064,945*	4,272,668*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	13,816,575	14,739,907	14,784,962*	14,817,951	15,814,243	17,043,481	1,426,294*	1,450,775*	1,342,924*	1,343,716*	1,452,510*	1,572,259*
Retail trade	20,185,903	21,432,922	21,703,684	21,791,048	22,828,275	23,802,133	3,977,419	4,126,600	4,070,568	4,070,597	4,320,459	4,451,304
Finance, insurance, and real estate	13,036,624	14,452,326	15,553,154	16,900,872	16,752,493	16,847,209	1,287,366*	1,332,798*	1,383,938*	1,535,292*	1,452,414*	1,431,034*
Banking and credit agencies	(D)	(D)	5,406,307*	5,407,445*	5,371,163*	5,423,976*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	(D)	(D)	10,073,242*	11,395,664*	11,253,965*	11,269,908*	(D)	(D)	(D)	(D)	(D)	(D)
Services	38,927,493	43,011,233	46,169,791	50,374,921	55,503,201	61,048,511	5,365,625*	5,616,634*	6,039,062*	6,464,981*	6,922,058*	7,501,123*
Hotels and other lodging places	1,267,447*	1,376,742*	1,408,570*	1,559,269*	1,626,374*	1,646,121*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	1,944,039	2,314,980	2,427,861*	2,528,412*	2,813,267*	3,135,200*	346,654*	450,008*	466,033*	470,575*	537,596*	596,011*
Private households	734,910*	750,146*	759,218*	757,724*	797,291*	865,076*	210,970*	215,035*	214,817*	214,949*	229,200*	242,083*
Business services	9,267,159	10,597,257	11,079,133	11,859,092	13,090,760	14,789,359*	997,062*	1,131,272*	1,143,836*	1,181,592*	1,302,749*	1,429,979*
Auto repair, services, and garages	1,777,489	1,958,592	2,091,047	2,171,421	2,224,773	2,401,203	398,469*	438,282*	454,372*	449,540*	453,335*	486,738*
Miscellaneous repair services	793,630	759,980*	786,138	784,807	881,553	984,281	200,155*	177,012*	181,395*	170,825*	189,641*	206,595*
Amusement and recreation services	742,384*	827,652*	893,794*	985,382*	1,149,058*	1,251,982*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	164,299*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	10,850,502	11,768,877	12,738,193	14,613,110	16,338,396	17,834,619	1,525,292	1,624,337	1,744,979	1,885,973	2,051,474*	2,214,349*
Legal services	3,421,386	3,929,540	4,565,604	5,168,385	5,889,177	6,400,140	274,946*	297,332*	333,649*	344,722*	382,943*	408,154*
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	744,138*	838,029*	883,057*	987,322*	1,077,096*	1,194,361*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	1,314,478*	1,417,096	1,514,975	1,647,361	1,837,581	1,936,857	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	4,776,212	5,070,895	5,504,793	5,627,879	5,910,322	6,492,963*	438,179*	466,646*	568,088*	(D)	(D)	(D)
Government and government enterprises	28,573,098	31,224,134	32,754,587	34,598,187	36,642,159	39,181,277	7,145,057	7,714,053	8,043,556	8,411,414	8,850,126	9,298,815
Federal, civilian	6,412,291	7,033,295	7,091,169	7,529,922	8,187,359	8,808,343	1,189,920	1,239,718	1,225,426	1,310,889	1,386,667	1,451,508
Military	3,659,643	3,843,857	4,043,085	4,226,032	4,256,327	4,354,830	667,649	693,792	729,135	760,049	742,513	733,915
State and local	18,501,164	20,346,982	21,620,333	22,842,233	24,198,473	26,018,104	5,287,488	5,780,543	6,088,995	6,340,476	6,720,946	7,113,392

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Rocky Mountain						Rocky Mountain (Metropolitan portion)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**86,931,934**	**91,521,756**	**95,050,737**	**98,933,959**	**104,688,119**	**112,678,230**	**57,819,411**	**61,340,029**	**63,774,984**	**66,649,416**	**70,521,080**	**75,658,076**
Nonfarm personal income	85,672,392	90,317,847	93,268,795	96,823,618	102,547,280	110,232,482	57,595,123	61,119,646	63,503,473	66,351,846	70,185,965	75,308,474
Farm income[1]	1,259,542	1,203,909	1,781,942	2,110,341	2,140,839	2,445,748	224,288	220,383	271,511	297,570	335,115	349,602
Population (thousands)[2]	7,149.4	7,218.5	7,256.3	7,271.3	7,277.8	7,317.3	4,359.2	4,430.9	4,481.7	4,523.4	4,540.5	4,578.2
Per capita personal income (dollars)	**12,159**	**12,679**	**13,099**	**13,606**	**14,385**	**15,399**	**13,264**	**13,844**	**14,230**	**14,734**	**15,532**	**16,526**
Derivation of total personal income:												
Total earnings by place of work	65,184,812	68,453,612	70,662,437	73,396,554	77,749,401	82,697,327	45,176,588	47,894,273	49,484,520	51,436,610	54,520,373	57,792,981
Less: Personal contributions for social insurance[3]	3,665,829	4,028,388	4,235,583	4,330,599	4,710,127	5,191,511	2,515,451	2,778,839	2,957,005	3,023,484	3,283,684	3,600,790
Plus: Adjustment for residence	36,682	42,423	45,025	53,014	66,635	79,408	−342,465	−395,945	−400,740	−396,693	−431,532	−430,222
Equals: Net earnings by place of residence	61,555,665	64,467,647	66,471,879	69,118,969	73,105,909	77,585,224	42,318,672	44,719,489	46,126,775	48,016,433	50,805,157	53,761,969
Plus: Dividends, interest, and rent[4]	14,263,403	15,144,399	15,512,342	15,799,886	16,738,474	19,231,617	8,858,885	9,489,305	9,812,601	10,129,969	10,705,309	12,259,248
Plus: Transfer payments	11,112,866	11,909,710	13,066,516	14,015,104	14,843,736	15,861,389	6,641,854	7,131,235	7,835,608	8,503,014	9,010,614	9,636,859
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	52,802,350	55,588,933	56,602,034	58,098,681	61,322,747	64,880,460	37,584,862	39,837,139	40,961,605	42,200,170	44,546,379	47,082,116
Other labor income	4,898,026	4,955,618	5,011,496	5,109,074	5,408,894	5,861,956	3,465,804	3,528,234	3,603,957	3,674,887	3,891,085	4,201,255
Proprietors' income[6]	7,484,436	7,909,061	9,048,907	10,188,799	11,017,760	11,954,911	4,125,922	4,528,900	4,918,958	5,561,553	6,082,909	6,509,610
Farm	755,032	714,241	1,309,601	1,624,454	1,665,797	1,979,497	130,546	127,978	181,327	203,640	241,986	256,588
Nonfarm	6,729,404	7,194,820	7,739,306	8,564,345	9,351,963	9,975,414	3,995,376	4,400,922	4,737,631	5,357,913	5,840,923	6,253,022
Earnings by industry:												
Farm	1,259,542	1,203,909	1,781,942	2,110,341	2,140,839	2,445,748	224,288	220,383	271,511	297,570	335,115	349,602
Nonfarm	63,925,270	67,249,703	68,880,495	71,286,213	75,608,562	80,251,579	44,952,300	47,673,890	49,213,009	51,139,040	54,185,258	57,443,379
Private	51,918,542	54,364,977	55,388,866	57,144,620	60,782,943	64,732,424	36,816,352	38,904,331	39,989,517	41,482,936	44,086,784	46,852,997
Agricultural services, forestry, fisheries, and other[7]	377,276	376,807	352,675	459,883	478,132	497,124	177,057	186,373	183,903	226,735	233,746	241,835
Agricultural services	329,586	335,551	324,780	427,859	445,939	464,982	(D)	177,708*	174,806*	214,043*	220,067*	233,915
Forestry, fisheries, and other[7]	47,690	41,256	27,895	32,024	32,193	32,142	(D)	6,503*	6,736*	6,653*	7,809*	7,920
Mining	3,524,808	3,320,456	2,740,884	2,428,186	2,579,078	2,625,502	1,628,126	1,510,182	1,184,936	1,029,349	1,066,492	1,048,999
Coal mining	666,249	688,153	647,860	554,762	578,816	603,699	(D)	(D)	44,216*	35,954*	29,210*	30,495*
Oil and gas extraction	1,998,726	1,929,017	1,426,167	1,193,859	1,235,932	1,171,444	1,246,568*	1,265,489*	964,506*	771,736*	793,546*	743,592*
Metal mining	584,023	426,901	376,837	412,055	474,724	555,067	258,778*	148,579*	121,376*	163,870*	192,268*	230,072*
Nonmetallic minerals, except fuels	275,810	276,385	290,020	267,510	289,606	295,292	(D)	(D)	(D)	(D)	(D)	(D)
Construction	5,491,812	5,580,204	5,359,789	4,749,345	4,743,048	4,867,259	3,736,740	3,770,012	3,646,354	3,232,248	3,194,675	3,217,978
Manufacturing	9,499,619	9,914,212	10,134,349	10,489,463	11,328,991	12,022,360	7,239,417	7,585,188	7,777,354	7,985,912	8,676,373	9,189,776
Nondurable goods	3,063,296	3,208,653	3,319,800	3,502,828	3,775,053	3,920,132	2,134,096	2,260,664	2,350,268	2,492,756	2,698,946	2,793,090
Food and kindred products	1,181,256	1,194,261	1,255,021	1,333,562	1,439,257	1,470,304	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	8,329	7,194	7,180	6,146	9,007	11,369	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	116,301	121,645	124,163	128,563	135,233	147,109	82,104*	86,201*	86,790*	91,662*	97,191*	101,443*
Paper and allied products	170,268	185,566	197,933	204,448	213,705	232,697	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	691,685	758,070	785,932	844,057	905,965	957,090	571,840*	632,429*	652,978*	705,903	756,805	802,310
Chemicals and allied products	494,973	534,063	537,257	546,243	600,274	618,839	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	168,648	165,543	164,608	169,553	172,630	180,827	137,532*	141,232	143,787	152,044*	148,658*	150,376*
Tobacco manufactures	129	86	127	174	169	145	(D)	(D)	(D)	174	169	145
Rubber and misc. plastic products	184,273	196,720	204,902	224,344	253,075	257,347	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	47,434	45,505	42,677	45,738	45,738	44,405	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	6,436,323	6,705,559	6,814,549	6,986,635	7,553,938	8,102,228	5,105,321	5,324,524	5,427,086	5,493,156	5,977,427	6,396,686
Lumber and wood products	803,757	806,604	827,879	876,971	917,520	979,765	180,553*	181,506*	(D)	(D)	(D)	224,784*
Furniture and fixtures	110,593	120,548	115,806	125,629	129,670	139,273	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	423,988	369,983	290,878	249,289	352,248	399,308	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	493,142	499,017	484,474	496,082	534,835	585,910	419,865	420,140	403,888*	(D)	(D)	(D)
Machinery, except electrical	1,366,646	1,382,293	1,428,260	1,751,609	1,815,169	1,792,021	1,152,532*	1,170,309*	1,230,158*	1,536,006*	1,594,197*	1,535,598*
Electric and electronic equipment	841,525	969,218	970,511	962,306	1,086,684	1,331,279	(D)	(D)	824,638*	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	847,137	1,043,936	1,163,289	1,258,257	1,350,181	1,404,387	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	94,704	99,061	96,529	98,206	99,868	124,316	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	476,994	478,749	467,532	424,270	430,085	450,513	348,864*	342,841*	344,000	306,861	314,577	330,292
Instruments and related products	837,518	787,518	815,589	573,639	611,196	659,961	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	140,319	148,632	153,802	170,377	226,482	235,495	115,218*	123,179*	127,070*	139,704	182,658*	179,531*
Transportation and public utilities	5,774,794	6,024,007	6,080,021	6,293,898	6,696,754	7,005,733	3,961,319	4,170,537	4,178,556	4,442,338	4,731,122	4,946,038
Railroad transportation	799,868	795,395	688,327	635,563	647,498	686,486	396,867	379,756	334,536*	285,162*	293,410*	309,696*
Trucking and warehousing	1,404,895	1,416,368	1,420,826	1,495,391	1,593,604	1,686,373	864,481*	886,340	895,236	954,366	1,028,999	1,084,570
Water transportation	2,676	2,594	3,013	3,553	4,409	5,395	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	944,585	985,365	1,081,508	1,170,593	1,307,780	1,391,864	(D)	(D)	(D)	(D)	(D)	(D)
Communication	1,496,306	1,602,238	1,579,067	1,783,061	1,852,078	1,893,568	1,191,402*	1,321,468*	1,308,821	1,514,691	1,578,244	1,608,096*
Electric, gas, and sanitary services	1,126,464	1,222,047	1,307,280	1,205,737	1,291,385	1,342,047	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,967,944	4,140,737	4,109,725	4,198,227	4,428,594	4,827,721	3,158,473	3,334,191	3,330,039	3,393,117	3,591,338	3,902,963
Retail trade	6,816,398	7,058,469	7,176,358	7,255,372	7,654,717	8,108,672	4,646,974	4,847,669	4,973,817	5,028,191	5,248,243	5,519,954
Finance, insurance, and real estate	3,675,171	3,973,518	4,300,410	4,808,593	4,682,029	4,711,514	2,965,363	3,253,294	3,557,743	3,919,702	3,812,316	3,859,071
Banking and credit agencies	1,542,593	1,614,848	1,736,256	1,708,649	1,645,152	1,631,757	1,111,400*	1,209,367*	1,324,521*	(D)	1,185,312*	(D)
Other finance, insurance, and real estate[9]	2,132,578	2,358,670	2,564,154	3,099,944	3,036,877	3,079,757	1,747,018*	2,001,116*	2,188,210*	(D)	2,389,288*	(D)
Services	12,790,720	13,976,567	15,134,655	16,461,653	18,191,600	20,066,539	9,302,883	10,246,885	11,156,815	12,225,344	13,532,479	14,926,383
Hotels and other lodging places	554,304	584,726	591,136	652,937	667,677	694,980	274,117*	294,621*	292,564*	312,717*	308,595*	313,018*
Personal services	610,681	752,802	800,745	826,439	943,238	1,081,275	436,486	529,413	569,691	598,675	676,339	773,208
Private households	126,991	128,221	128,129	127,702	134,217	140,669	(D)	(D)	(D)	(D)	(D)	(D)
Business services	2,489,912	2,836,666	3,048,870	3,371,692	3,861,001	4,418,920	1,870,449*	2,130,582*	2,294,003*	2,556,816*	2,839,623*	3,244,889*
Auto repair, services, and garages	661,080	726,755	770,300	786,324	820,787	892,583	443,698	490,919	525,838	539,782	559,432	603,689
Miscellaneous repair services	347,138	322,753	354,752	337,579	387,723	424,777	(D)	206,357	224,800	216,206	243,044	261,912
Amusement and recreation services	355,969	413,248	456,113	503,256	560,371	600,743	206,964	241,086	262,549	291,693	327,704	341,033
Motion pictures	78,231	82,844	92,521	96,877	103,172	114,622	58,148*	62,877*	70,620*	(D)	(D)	(D)
Health services	3,603,137	3,877,960	4,235,814	4,802,372	5,267,393	5,745,694	2,621,207	2,834,745	3,120,687	3,568,111	3,915,334	4,279,974
Legal services	949,761	1,026,477	1,176,132	1,293,395	1,437,838	1,556,762	771,729	834,701	961,730	1,061,941	1,180,430	1,281,722
Educational services	423,246	458,172	492,700	532,286	577,295	631,610	(D)	(D)	(D)	(D)	(D)	(D)
Social services	280,932	314,131	341,614	373,603	433,618	487,278	178,848*	208,898*	240,770	262,119	305,561	346,918
Museums, botanical, zoological gardens	7,585	8,005	8,574	9,824	11,358	12,878	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	700,943	730,519	762,563	834,755	936,357	1,000,231	464,383	487,628	514,615	566,202	635,573	680,752
Miscellaneous services	1,600,810	1,713,288	1,874,692	1,912,612	2,049,555	2,263,517	1,250,825	1,366,289	1,483,689	1,510,576	1,609,948	1,757,011
Government and government enterprises	12,006,728	12,884,726	13,491,629	14,141,593	14,825,619	15,519,155	8,135,948	8,769,559	9,223,492	9,656,104	10,098,474	10,590,382
Federal, civilian	3,074,174	3,266,588	3,291,099	3,482,459	3,712,219	3,919,432	2,226,339	2,371,910	2,398,186	2,532,369	2,688,441	2,864,890
Military	1,247,041	1,329,951	1,421,859	1,510,729	1,554,390	1,581,147	1,058,841	1,135,484	1,209,185	1,287,368	1,328,610	1,350,094
State and local	7,685,513	8,288,187	8,778,671	9,148,405	9,559,010	10,018,576	4,850,768	5,262,165	5,616,121	5,836,367	6,081,423	6,375,398

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Rocky Mountain (Nonmetropolitan portion)						Far West[10]					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**29,112,523**	**30,181,727**	**31,275,753**	**32,284,543**	**34,167,039**	**37,020,154**	**492,579,431**	**532,391,887**	**569,801,079**	**614,864,311**	**669,153,556**	**726,816,405**
Nonfarm personal income	28,077,269	29,198,201	29,765,322	30,471,772	32,361,315	34,924,008	485,404,436	524,889,210	561,019,066	605,470,122	659,153,695	717,029,377
Farm income[1]	1,035,254	983,526	1,510,431	1,812,771	1,805,724	2,096,146	7,174,995	7,502,677	8,782,013	9,394,189	9,999,861	9,787,028
Population (thousands)[2]	2,790.2	2,787.5	2,774.6	2,747.9	2,737.4	2,739.1	33,723.2	34,388.4	35,127.0	35,923.8	36,782.9	37,740.2
Per capita personal income (dollars)	**10,434**	**10,827**	**11,272**	**11,749**	**12,482**	**13,515**	**14,607**	**15,482**	**16,221**	**17,116**	**18,192**	**19,258**
Derivation of total personal income:												
Total earnings by place of work	20,008,224	20,559,339	21,177,917	21,959,944	23,229,028	24,904,346	359,737,657	389,420,162	420,497,393	460,082,023	501,157,394	538,135,940
Less: Personal contributions for social insurance[3]	1,150,378	1,249,549	1,278,578	1,307,115	1,426,443	1,590,721	20,452,144	23,190,861	25,432,054	27,622,269	31,206,889	34,761,211
Plus: Adjustment for residence	379,147	438,368	445,765	449,707	498,167	509,630	221,032	257,783	181,456	108,748	88,110	89,371
Equals: Net earnings by place of residence	19,236,993	19,748,158	20,345,104	21,102,536	22,300,752	23,823,255	339,506,545	366,487,084	395,246,795	432,568,502	470,038,615	503,464,100
Plus: Dividends, interest, and rent[5]	5,404,518	5,655,094	5,699,741	5,669,917	6,033,165	6,972,369	84,829,249	90,893,417	94,928,399	98,217,836	108,781,744	125,294,692
Plus: Transfer payments	4,471,012	4,778,475	5,230,908	5,512,090	5,833,122	6,224,530	68,243,637	75,011,386	79,625,885	84,077,973	90,333,197	98,057,613
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	15,217,488	15,751,794	15,640,429	15,898,511	16,776,368	17,798,344	289,814,435	314,053,235	337,572,615	367,884,578	399,542,574	429,544,485
Other labor income	1,432,222	1,427,384	1,407,539	1,434,187	1,517,809	1,660,701	28,452,448	29,730,124	31,825,455	34,104,885	37,126,625	40,427,554
Proprietors' income[6]	3,358,514	3,380,161	4,129,949	4,627,246	4,934,851	5,445,301	41,470,774	45,636,803	51,099,323	58,092,560	64,488,195	68,163,901
Farm	624,486	586,263	1,128,274	1,420,814	1,423,811	1,722,909	4,852,401	5,185,246	6,466,424	6,927,522	7,492,114	7,207,704
Nonfarm	2,734,028	2,793,898	3,001,675	3,206,432	3,511,040	3,722,392	36,618,373	40,451,557	44,632,899	51,165,038	56,996,081	60,956,197
Earnings by industry:												
Farm	1,035,254	983,526	1,510,431	1,812,771	1,805,724	2,096,146	7,174,995	7,502,677	8,782,013	9,394,189	9,999,861	9,787,028
Nonfarm	18,972,970	19,575,813	19,667,486	20,147,173	21,423,304	22,808,200	352,562,662	381,917,485	411,715,380	450,687,834	491,157,533	528,348,912
Private	15,102,190	15,460,646	15,399,349	15,661,684	16,696,159	17,879,427	295,001,674	319,186,925	345,195,130	379,197,389	414,581,070	445,701,097
Agricultural services, forestry, fisheries, and other[7]	185,982*	174,087*	156,869*	214,755*	227,760*	247,128*	2,938,328	3,255,068	3,528,821	4,302,494	4,782,514	5,134,796
Agricultural services	(D)	(D)	135,445*	191,462*	(D)	208,141*	2,518,722	2,626,910	2,719,485	3,551,610	3,862,379	4,198,081
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	419,606	628,158	809,336	750,884	920,135	936,715
Mining	1,772,779*	1,723,909*	1,478,725*	1,321,177*	1,384,933*	1,442,368*	2,922,249	3,182,358	2,413,658	2,435,161	2,911,712	3,086,514
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	46,363	50,659	50,582	45,292	45,371	45,814
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,286,693	2,526,400	1,675,165	1,606,730	1,916,586	1,925,172
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	228,238	236,836	287,102	407,665	549,679	696,659
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	360,955	368,463	400,809	375,474	400,076	418,869
Construction	1,750,956*	1,796,893*	1,695,471*	1,500,212*	1,521,083*	1,611,428*	22,976,752	24,831,022	27,531,945	30,035,812	33,435,403	36,313,931
Manufacturing	2,219,865*	2,281,796*	2,303,388*	2,502,597*	2,650,714*	2,766,108*	72,802,363	77,034,209	80,886,517	85,740,177	92,290,903	97,442,145
Nondurable goods	(D)	(D)	(D)	956,181*	(D)	(D)	19,589,372	20,342,535	21,445,028	23,185,950	25,230,246	26,751,823
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	5,671,814	5,755,164	5,930,625	6,222,154	6,483,478	6,876,349
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	305,291	316,189	350,136	411,279	447,119	476,582
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	1,687,934	1,705,655	1,881,851	2,138,255	2,326,861	2,568,041
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,077,582	2,175,639	2,283,648	2,421,556	2,493,338	2,781,747
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	4,033,733	4,320,975	4,676,458	5,160,378	5,769,151	6,100,107
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,425,667	2,600,266	2,739,378	2,943,536	3,505,987	3,592,997
Petroleum and coal products	29,611*	22,559*	20,433*	16,709*	20,595*	(D)	1,641,910	1,743,384	1,717,672	1,767,873	1,953,185	1,949,842
Tobacco manufactures	0	0	0	0	0	0	922	565	729	1,080	1,140	1,132
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,611,954	1,604,049	1,736,118	1,988,896	2,129,409	2,280,208
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	132,565	120,649	128,413	130,943	120,578	124,818
Durable goods	(D)	(D)	(D)	(D)	(D)	(D)	53,212,991	56,691,674	59,441,489	62,554,227	67,060,657	70,690,322
Lumber and wood products	570,310*	(D)	(D)	611,639*	653,679*	705,436*	4,343,244	4,291,775	4,518,755	4,899,189	5,213,364	5,239,372
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,224,981	1,279,264	1,298,408	1,451,121	1,542,405	1,597,695
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,303,681	2,081,183	2,090,667	2,158,730	2,400,685	2,655,186
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	4,445,101	4,597,197	4,624,157	4,641,218	4,872,700	5,170,113
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	8,124,137	8,518,159	8,588,753	8,898,890	9,741,872	10,351,084
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	12,916,623	14,218,506	14,515,170	15,208,335	15,540,537	15,857,110
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	12,048,168	13,528,225	15,227,290	16,150,122	17,092,493	18,528,360
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,105,397	1,167,015	1,166,172	1,271,165	1,396,077	1,437,923
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,746,232	1,786,009	1,896,260	2,009,970	2,235,774	2,374,639
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,772,802	4,073,328	4,362,396	4,595,967	5,591,637	5,988,721
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,182,625	1,151,013	1,153,461	1,269,520	1,433,113	1,490,119
Transportation and public utilities	1,713,750*	1,749,740*	1,716,155*	1,735,255*	1,844,420*	2,029,435*	24,551,707	25,667,468	27,126,218	28,400,850	30,078,473	32,048,586
Railroad transportation	396,853*	398,696*	342,484*	325,704*	338,189*	356,054*	1,506,040	1,445,894	1,341,869	1,290,307	1,307,716	1,374,951
Trucking and warehousing	521,784*	513,079*	508,906*	525,494*	542,872*	565,778*	5,617,224	5,772,309	6,182,088	6,619,266	7,095,100	7,566,959
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	1,117,680	1,147,660	1,204,301	1,281,372	1,345,308	1,435,989
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	5,223,056	5,456,203	6,307,556	6,670,994	7,320,825	8,187,491
Communication	(D)	(D)	(D)	(D)	(D)	(D)	7,379,576	7,713,733	7,742,759	8,128,614	8,246,070	8,539,358
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	3,708,131	4,131,669	4,347,645	4,410,297	4,763,454	4,943,838
Wholesale trade	794,894*	794,983*	773,304*	794,961*	826,083*	915,827*	22,637,571	24,747,411	26,600,063	28,154,637	31,373,680	34,233,429
Retail trade	2,169,424	2,210,800	2,200,590*	2,227,181	2,406,474	2,588,718	36,795,369	39,170,792	41,642,200	44,216,618	48,434,969	51,873,329
Finance, insurance, and real estate	704,735*	712,745*	731,438*	878,237*	840,839*	843,972*	22,362,256	24,894,435	29,129,486	35,520,332	36,359,351	37,313,591
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	8,892,259	9,571,812	10,824,016	11,799,305	12,250,766	12,721,729
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	13,469,997	15,322,623	18,305,470	23,721,027	24,108,585	24,591,862
Services	3,420,198*	3,668,946*	3,783,914*	4,166,095*	4,563,472*	5,084,769*	87,015,079	96,404,162	106,336,222	120,391,308	134,914,065	148,254,776
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	3,670,476	4,207,101	4,488,197	5,216,838	6,066,341	6,594,798
Personal services	168,320*	214,610*	216,040*	215,067*	250,570*	285,895*	3,327,715	4,055,836	4,357,683	4,664,858	5,371,095	6,141,911
Private households	44,357*	46,000*	45,420*	44,603*	46,490*	46,711*	1,384,890	1,413,450	1,436,094	1,461,306	1,576,121	1,687,171
Business services	(D)	(D)	(D)	(D)	(D)	(D)	20,125,738	22,523,782	24,928,985	28,241,251	32,342,833	35,251,856
Auto repair, services, and garages	216,341*	234,742*	244,113*	243,514*	258,165*	285,882*	4,022,246	4,521,889	4,869,941	5,101,124	5,421,438	5,893,611
Miscellaneous repair services	133,880*	115,979*	129,545*	121,373	143,552*	160,454*	2,174,222	2,132,762	2,200,433	2,150,404	2,448,255	2,693,108
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	3,192,749	3,360,766	3,851,530	4,426,059	4,760,160	5,160,470
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	3,262,470	3,671,891	3,926,353	4,661,407	5,187,574	5,571,687
Health services	906,923*	961,148*	1,024,677*	1,132,121*	1,227,789*	1,335,251*	23,025,841	25,386,840	27,744,609	32,134,885	35,146,909	38,314,979
Legal services	177,710*	191,466*	214,203*	231,362*	257,142*	274,813*	6,310,965	7,137,840	8,337,753	9,608,588	11,136,655	12,333,773
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	2,674,683	2,856,790	2,959,619	3,221,233	3,568,515	3,936,114
Social services	(D)	(D)	(D)	(D)	(D)	(D)	1,686,600	1,893,761	2,155,089	2,484,101	2,805,477	3,143,560
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	74,608	86,960	100,814	114,196	130,549	146,523
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	3,149,528	3,368,540	3,564,626	3,814,507	4,269,998	4,576,799
Miscellaneous services	317,430*	(D)	(D)	366,995*	399,220*	460,094*	8,932,348	9,785,954	11,414,496	13,090,551	14,682,145	16,808,416
Government and government enterprises	3,870,780	4,115,167	4,268,137	4,485,489	4,727,145	4,928,773	57,560,988	62,730,560	66,520,250	71,490,445	76,576,463	82,647,815
Federal, civilian	847,835	894,678	892,913	950,090	1,023,778	1,054,542	11,617,377	12,297,155	12,353,926	13,131,492	14,114,392	14,916,530
Military	188,200	194,467	212,674	223,361	225,780	231,053	7,381,132	7,865,913	8,168,666	8,444,164	8,666,204	9,011,532
State and local	2,834,745	3,026,022	3,162,550	3,312,038	3,477,587	3,643,178	38,562,479	42,567,492	45,997,658	49,914,789	53,795,867	58,719,753

See footnotes at end of tables.

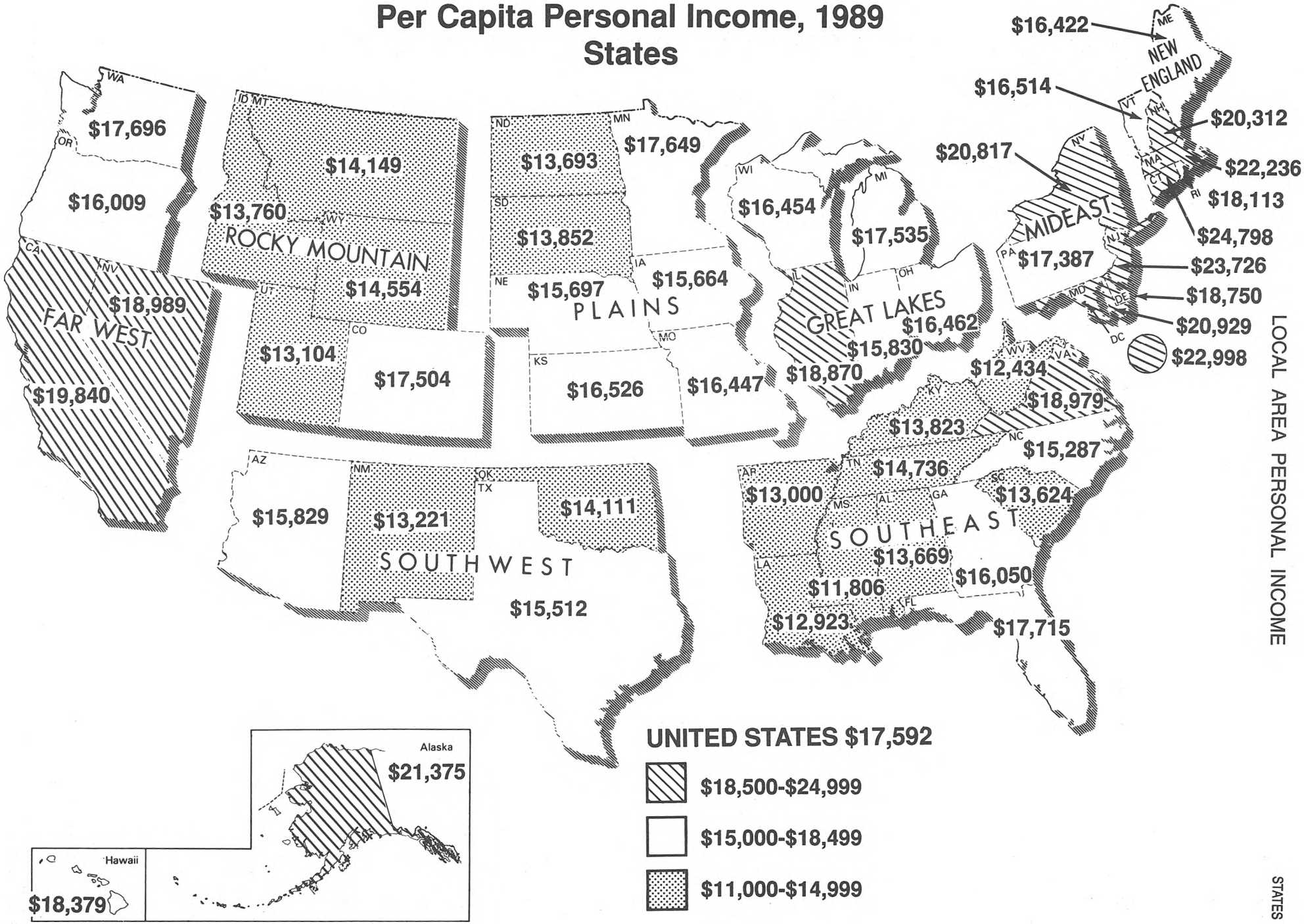
Table 4.—Personal Income for Regions by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Far West (Metropolitan portion)[10]						Far West (Nonmetropolitan portion)[10]					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**458,526,865**	**496,597,202**	**531,799,674**	**574,515,263**	**625,336,215**	**678,930,359**	**34,052,566**	**35,794,685**	**38,001,405**	**40,349,048**	**43,817,341**	**47,886,046**
Nonfarm personal income	453,280,750	490,935,118	525,347,109	567,653,926	618,084,592	671,876,297	32,123,686	33,954,092	35,671,957	37,816,196	41,069,103	45,153,080
Farm income[1]	5,246,115	5,662,084	6,452,565	6,861,337	7,251,623	7,054,062	1,928,880	1,840,593	2,329,448	2,532,852	2,748,238	2,732,966
Population (thousands)[2]	30,744.6	31,369.8	32,085.9	32,835.8	33,627.4	34,519.2	2,978.5	3,018.6	3,041.1	3,088.0	3,155.5	3,221.1
Per capita personal income (dollars)	**14,914**	**15,830**	**16,574**	**17,497**	**18,596**	**19,668**	**11,433**	**11,858**	**12,496**	**13,066**	**13,886**	**14,866**
Derivation of total personal income:												
Total earnings by place of work	338,039,097	366,977,374	396,377,919	434,096,240	472,730,523	507,588,418	21,698,560	22,442,788	24,119,474	25,985,783	28,426,871	30,547,522
Less: Personal contributions for social insurance[3]	19,271,386	21,894,997	24,029,855	26,114,110	29,494,246	32,823,160	1,180,758	1,295,864	1,402,199	1,508,159	1,712,643	1,938,051
Plus: Adjustment for residence	−135,794	−174,103	−287,162	−459,941	−431,898	−460,968	356,826	431,886	468,618	568,689	520,008	550,339
Equals: Net earnings by place of residence	318,631,917	344,908,274	372,060,902	407,522,189	442,804,379	474,304,290	20,874,628	21,578,810	23,185,893	25,046,313	27,234,236	29,159,810
Plus: Dividends, interest, and rent[5]	78,162,153	83,798,450	87,564,820	90,766,237	100,624,395	115,750,128	6,667,096	7,094,967	7,363,579	7,451,599	8,157,349	9,544,564
Plus: Transfer payments	61,732,795	67,890,478	72,173,952	76,226,837	81,907,441	88,875,941	6,510,842	7,120,908	7,451,933	7,851,136	8,425,756	9,181,672
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	273,875,553	297,485,929	320,182,557	349,271,981	379,263,847	407,579,198	15,938,882	16,567,306	17,390,058	18,612,597	20,278,727	21,965,287
Other labor income	26,975,174	28,254,301	30,252,261	32,429,632	35,281,725	38,376,439	1,477,274	1,475,823	1,573,194	1,675,253	1,844,900	2,051,115
Proprietors' income[6]	37,188,370	41,237,144	45,943,101	52,394,627	58,184,951	61,632,781	4,282,404	4,399,659	5,156,222	5,697,933	6,303,244	6,531,120
Farm	3,430,155	3,838,057	4,625,045	4,906,489	5,253,473	5,005,523	1,422,246	1,347,189	1,841,379	2,021,033	2,238,641	2,202,181
Nonfarm	33,758,215	37,399,087	41,318,056	47,488,138	52,931,478	56,627,258	2,860,158	3,052,470	3,314,843	3,676,900	4,064,603	4,328,939
Earnings by industry:												
Farm	5,246,115	5,662,084	6,452,565	6,861,337	7,251,623	7,054,062	1,928,880	1,840,593	2,329,448	2,532,852	2,748,238	2,732,966
Nonfarm	332,792,982	361,315,290	389,925,354	427,234,903	465,478,900	500,534,356	19,769,680	20,602,195	21,790,026	23,452,931	25,678,633	27,814,556
Private	279,635,703	303,346,853	328,438,617	361,138,482	394,717,732	424,147,909	15,365,971	15,840,072	16,756,513	18,058,907	19,863,338	21,553,188
Agricultural services, forestry, fisheries, and other[7]	2,481,380*	2,740,133*	2,947,104*	3,610,415*	4,091,188*	4,375,306*	396,820*	447,180*	485,031*	554,812*	588,206*	651,834*
Agricultural services	2,217,106*	2,313,139*	2,466,747	3,085,403*	3,344,692*	3,626,090*	(D)	221,724*	247,775*	326,847*	(D)	(D)
Forestry, fisheries, and other[7]	250,009*	416,964*	569,476*	521,174*	649,614*	(D)	156,035*	202,488*	231,170*	222,568*	(D)	(D)
Mining	2,565,300	2,783,924*	1,999,231*	1,960,582*	2,334,937	2,356,770*	339,711*	342,988*	360,933*	419,089*	539,490*	700,437*
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	1,534,480*	1,712,445*	1,811,317*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	63,736*	(D)	(D)	137,373*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	21,404,364*	23,318,852*	25,907,975*	28,265,184*	31,454,187*	34,170,401*	1,508,456*	1,439,601*	1,545,990*	1,686,607*	1,891,747*	2,041,344*
Manufacturing	68,597,286	72,809,203	76,498,681	81,167,573	87,335,303	92,239,097	4,184,063*	4,218,513*	4,380,693*	4,571,648*	4,954,017*	5,200,773*
Nondurable goods	18,416,355	19,109,338	20,156,841	21,824,078	23,740,162	25,124,906	1,164,403*	1,209,366*	1,265,529*	1,320,195*	1,435,379*	1,564,952*
Food and kindred products	5,193,712*	5,260,144*	5,445,363*	5,681,250*	5,940,643*	6,309,863*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	284,002*	308,858*	366,226*	411,181*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,655,410*	1,641,141*	1,818,466*	2,069,377*	2,283,017*	2,513,672*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	2,013,889*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,911,189*	4,184,944*	4,539,313*	5,018,861*	5,606,096*	5,926,901*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	2,360,689*	2,539,107*	2,677,846*	2,872,282*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,578,486*	1,667,227*	1,641,818*	1,688,675*	1,869,651*	1,832,298*	56,549*	73,594*	73,727*	76,872*	82,350*	117,337*
Tobacco manufactures	887*	546*	675*	1,080	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	1,521,243*	1,515,528*	1,644,152*	1,889,526*	2,007,790*	2,034,617*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	50,180,931	53,699,865	56,341,840	59,343,495	63,595,141	67,114,191	2,868,919*	2,720,978*	2,854,920*	(D)	3,224,342*	3,357,140*
Lumber and wood products	2,134,647*	2,108,699*	2,258,636*	2,536,316*	2,738,472*	(D)	2,072,880*	1,980,698*	2,038,511*	2,173,323*	2,274,751*	2,228,933*
Furniture and fixtures	1,198,055*	1,250,195*	1,258,380*	1,402,720*	1,469,817*	1,540,136*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,936,077*	(D)	(D)	(D)	(D)	2,126,661*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	4,357,177*	4,432,555*	4,519,139*	4,551,001*	4,757,322*	5,019,490*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	7,799,793*	8,165,916*	8,197,264*	8,570,789*	9,263,836*	9,940,991*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	12,735,438*	14,009,624*	14,303,993*	14,957,909*	15,254,107*	15,575,768*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	11,636,212*	13,169,634*	14,823,775*	15,697,802*	16,773,740*	16,779,929*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,602,741*	1,624,125*	1,718,946*	1,823,925*	2,081,586*	2,198,521*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	5,103,883*	5,332,113*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,155,566*	1,126,133	1,129,882*	1,241,374*	1,393,747*	1,453,851*	(D)	(D)	20,984*	(D)	(D)	(D)
Transportation and public utilities	23,126,390	24,203,746	25,584,956	26,806,898	28,347,605	30,208,566	1,385,858*	1,448,425*	1,522,039*	1,583,822*	1,719,880*	1,828,127*
Railroad transportation	1,305,969*	1,275,393*	1,179,767*	1,128,326*	1,139,938*	1,194,604*	158,989*	160,949*	154,409*	148,984*	154,835*	173,748*
Trucking and warehousing	5,063,426*	5,208,762*	5,565,822*	5,887,171*	6,383,278*	6,636,641*	503,481*	505,965*	555,007*	609,173*	646,938*	683,682*
Water transportation	987,164*	1,010,965*	1,075,377*	1,190,837*	1,247,947*	1,335,458*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	6,926,278*	7,098,410*	6,885,287*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	21,927,774	24,038,953	25,876,658	27,366,025	30,506,225	33,251,593	693,192*	699,814*	716,336*	783,293*	851,182*	976,598*
Retail trade	34,502,018	36,791,863	39,154,658	41,585,845	45,524,591	48,699,358	2,293,351	2,378,929	2,487,542	2,630,773	2,910,378	3,173,971
Finance, insurance, and real estate	21,790,193	24,316,071	28,498,506	34,713,576	35,605,363	36,532,382	559,681*	566,229*	618,319*	788,520*	731,458*	762,278*
Banking and credit agencies	8,426,542*	9,214,431*	10,495,325*	11,460,145*	11,859,618*	12,323,971*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	12,847,153*	14,770,433*	17,997,797*	23,245,925*	23,615,456*	24,069,189*	(D)	(D)	(D)	(D)	(D)	(D)
Services	83,160,440	92,212,960	101,786,320	115,448,186	129,400,171	142,170,349	3,851,081*	4,187,637*	4,545,934*	4,940,988*	5,513,894	6,084,427
Hotels and other lodging places	2,976,775*	(D)	(D)	(D)	(D)	5,567,218*	(D)	(D)	(D)	(D)	470,109*	524,066*
Personal services	3,133,858*	3,810,693*	4,096,188*	4,395,517*	5,055,504*	5,780,052	182,812*	230,815*	248,394*	256,508*	304,800*	355,916*
Private households	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Business services	19,509,798	21,829,880	24,175,846	27,436,933	31,418,600	34,223,263	(D)	(D)	(D)	(D)	(D)	(D)
Auto repair, services, and garages	3,771,682	4,236,302	4,565,500	4,788,162	5,094,089	5,533,765	250,416*	285,370*	304,341*	312,874*	327,260*	359,746*
Miscellaneous repair services	2,038,536*	2,010,415*	2,056,397*	2,008,200*	2,288,527*	2,516,763*	134,193*	121,074*	133,559*	133,671*	156,078*	173,501*
Amusement and recreation services	2,998,589*	3,147,650*	3,613,068*	4,169,024*	4,522,488*	4,924,473*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	3,223,422*	3,637,448*	3,886,090*	4,609,917*	5,132,069*	5,511,569*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	21,912,785	24,165,010	26,423,767	30,640,443	33,473,260	36,483,461	1,112,994*	1,221,662*	1,320,705*	1,494,442	1,673,337*	1,829,383*
Legal services	6,151,030	6,963,529	8,144,218	9,410,281	10,910,809	12,084,989	159,239*	173,692*	192,936*	197,702*	225,169*	248,012*
Educational services	(D)	(D)	(D)	(D)	(D)	3,857,962	(D)	(D)	(D)	(D)	(D)	(D)
Social services	1,578,404	1,776,659	2,025,503	2,341,622	2,651,427	2,972,727	(D)	109,452*	121,250*	131,925*	142,450*	157,487*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	2,908,435	3,115,551	3,301,302	3,530,063	3,951,578	4,236,734	217,613*	229,277*	240,582*	268,292*	300,801*	321,374*
Miscellaneous services	8,586,357	9,425,488	10,987,202	12,624,807	14,173,607	16,223,307	317,863*	329,993*	395,425*	462,483*	504,983*	581,473*
Government and government enterprises	53,157,279	57,968,437	61,486,737	66,096,421	70,761,168	76,386,447	4,403,709	4,762,123	5,033,513	5,394,024	5,815,295	6,261,368
Federal, civilian	10,883,463	11,524,224	11,587,954	12,303,392	13,212,733	13,966,183	733,914	772,931	765,972	828,100	901,659	950,347
Military	7,002,956	7,453,314	7,742,114	8,004,409	8,213,090	8,534,965	378,176	412,599	426,552	439,755	453,114	476,567
State and local	35,270,860	38,990,899	42,156,669	45,788,620	49,335,345	53,885,299	3,291,619	3,576,593	3,840,989	4,126,169	4,460,522	4,834,454

See footnotes at end of tables.

Per Capita Personal Income, 1989
States



U.S. Department of Commerce, Bureau of Economic Analysis

Table 5.—Personal Income for States by Type and Industry, 1984–89

[Thousands of dollars]

	Alabama						Alaska					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**40,349,074**	**43,026,145**	**46,003,287**	**48,958,922**	**52,772,046**	**56,286,526**	**9,139,835**	**9,801,724**	**9,819,797**	**9,561,307**	**10,010,344**	**11,253,861**
Nonfarm personal income	39,598,483	42,388,498	45,269,304	48,133,884	51,693,062	55,286,385	9,131,941	9,794,189	9,804,868	9,547,707	9,996,385	11,243,146
Farm income[1]	750,591	637,647	733,983	825,038	1,078,984	1,000,141	7,894	7,535	14,929	13,600	13,959	10,715
Population (thousands)[2]	3,992.1	4,022.1	4,050.7	4,083.8	4,102.5	4,117.8	505.3	522.4	530.6	524.3	524.4	526.5
Per capita personal income (dollars)	**10,107**	**10,697**	**11,357**	**11,988**	**12,863**	**13,669**	**18,089**	**18,762**	**18,508**	**18,235**	**19,088**	**21,375**
Derivation of total personal income:												
Total earnings by place of work	29,182,180	31,168,293	33,396,078	35,883,978	38,748,275	40,855,149	8,461,012	8,773,751	8,619,656	8,188,614	8,475,245	9,452,400
Less: Personal contributions for social insurance[3]	1,764,981	1,969,844	2,019,312	2,134,154	2,390,313	2,620,881	514,345	549,281	603,535	603,127	654,989	753,712
Plus: Adjustment for residence	514,416	513,363	552,245	589,642	606,516	624,245	−550,111	−569,077	−493,643	−451,353	−450,707	−496,989
Equals: Net earnings by place of residence	27,931,615	29,711,812	31,929,011	34,339,466	36,964,478	38,858,513	7,396,556	7,655,393	7,522,478	7,134,134	7,369,549	8,201,699
Plus: Dividends, interest, and rent[5]	5,199,899	5,607,339	5,919,628	6,108,562	6,738,449	7,677,682	845,888	948,631	1,004,142	1,048,919	1,145,502	1,427,042
Plus: Transfer payments	7,217,560	7,706,994	8,154,648	8,510,894	9,069,119	9,750,331	897,391	1,197,700	1,293,177	1,378,254	1,495,293	1,625,120
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	23,645,221	25,526,241	27,062,231	28,995,813	31,046,959	32,766,360	6,993,214	7,130,658	6,813,203	6,449,158	6,607,626	7,379,057
Other labor income	2,363,825	2,446,476	2,629,872	2,788,305	3,011,518	3,241,043	611,634	607,842	585,921	576,005	580,617	663,559
Proprietors' income[6]	3,173,134	3,195,576	3,703,975	4,099,860	4,689,798	4,847,746	856,164	1,035,251	1,220,532	1,163,451	1,287,002	1,409,784
Farm	661,515	548,710	645,757	731,857	985,419	904,785	5,495	5,188	12,649	11,236	11,670	8,493
Nonfarm	2,511,619	2,646,866	3,058,218	3,368,003	3,704,379	3,942,961	850,669	1,030,063	1,207,883	1,152,215	1,275,332	1,401,291
Earnings by industry:												
Farm	750,591	637,647	733,983	825,038	1,078,984	1,000,141	7,894	7,535	14,929	13,600	13,959	10,715
Nonfarm	28,431,589	30,530,646	32,662,095	35,058,940	37,669,291	39,855,008	8,453,118	8,766,216	8,604,727	8,175,014	8,461,286	9,441,685
Private	22,576,379	24,125,698	25,978,418	28,004,311	30,199,640	31,963,203	5,999,426	6,151,200	5,920,395	5,502,014	5,718,923	6,556,775
Agricultural services, forestry, fisheries, and other[7]	150,169	145,367	135,769	157,886	162,564	173,477	42,905	181,385	279,949	261,172	308,951	331,753
Agricultural services	86,755	87,367	92,049	117,858	124,274	134,647	12,260	11,374	10,469	12,476	12,189	11,968
Forestry, fisheries, and other[7]	63,414	58,000	43,720	40,028	38,290	38,830	30,645	170,011	269,480	248,696	296,762	319,785
Mining	533,158	587,565	503,281	465,494	494,836	515,384	562,776	639,395	652,917	621,710	667,753	731,052
Coal mining	395,864	430,735	386,053	352,705	359,867	358,212	9,335	(D)	10,701	9,633	(D)	(D)
Oil and gas extraction	79,584	97,867	56,148	(D)	(D)	(D)	527,422	602,377	617,819	575,644	610,085	664,189
Metal mining	1,412	1,032	(D)	(D)	(D)	(D)	20,797	(D)	19,160	32,259	42,102	53,248
Nonmetallic minerals, except fuels	56,298	57,931	(D)	(D)	65,610	72,863	5,222	6,566	5,237	4,174	(D)	(D)
Construction	1,568,340	1,767,877	1,927,431	2,006,715	2,181,953	2,227,283	1,390,890	1,219,160	937,243	714,442	669,901	736,724
Manufacturing	7,532,536	7,832,020	8,212,345	8,723,685	9,317,126	9,747,200	344,064	349,486	364,438	405,188	475,793	527,874
Nondurable goods	3,579,487	3,665,473	3,881,505	4,174,812	4,359,391	4,552,213	234,830	244,370	256,697	274,456	324,939	358,591
Food and kindred products	477,045	497,616	538,562	573,942	599,589	637,162	126,387	132,261	138,475	154,467	198,738	224,043
Textile mill products	619,792	599,702	665,449	733,248	764,572	813,871	193	(D)	163	322	(D)	(D)
Apparel and other textile products	610,690	615,586	648,584	694,071	718,582	742,421	911	1,281	1,113	989	1,176	1,314
Paper and allied products	741,505	782,225	809,174	829,219	856,872	915,675	29,051	25,756	32,368	38,390	(D)	47,722
Printing and publishing	222,389	246,126	268,173	285,325	307,660	317,604	42,485	46,597	45,841	40,891	40,126	41,185
Chemicals and allied products	376,804	391,175	392,504	420,948	437,497	460,263	20,146	20,597	18,700	19,453	19,358	21,275
Petroleum and coal products	50,555	50,616	(D)	62,073	60,711	(D)	14,164	16,244	18,746	18,846	20,573	21,618
Tobacco manufactures	6,727	6,466	(D)	9,697	9,549	(D)	(D)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	471,808	474,595	495,269	564,447	602,878	595,506	1,484	1,494	1,201	1,038	1,144	1,181
Leather and leather products	2,172	1,366	(D)	1,842	1,481	(D)	(D)	(D)	87	56	−114	(D)
Durable goods	3,953,049	4,166,547	4,330,840	4,548,873	4,957,735	5,194,987	109,234	105,116	107,741	130,732	150,854	169,283
Lumber and wood products	518,777	540,954	559,581	613,720	641,569	652,712	67,273	67,216	77,312	101,813	118,594	135,618
Furniture and fixtures	139,211	151,993	166,036	184,537	185,076	195,793	927	1,059	(D)	(D)	350	534
Primary metal industries	798,898	815,700	816,306	827,774	939,057	956,922	(D)	457	350	287	(D)	(D)
Fabricated metal products	504,142	501,480	513,311	520,947	539,690	620,947	7,179	6,630	5,524	5,562	5,529	5,653
Machinery, except electrical	401,707	463,123	493,779	542,934	682,138	755,640	3,209	3,950	3,350	1,754	1,566	1,996
Electric and electronic equipment	496,984	516,475	545,335	572,869	578,304	555,024	769	420	451	628	836	(D)
Transportation equip. excl. motor vehicles	419,529	458,457	493,032	524,668	570,377	622,121	2,643	3,723	2,588	3,710	6,210	10,063
Motor vehicles and equipment	296,222	334,581	353,902	347,756	372,392	372,592	(D)	(D)	(L)	0	(D)	(D)
Stone, clay, and glass products	198,648	210,181	221,772	238,663	257,870	253,391	21,043	18,721	15,375	13,977	14,320	14,629
Instruments and related products	72,557	63,969	68,691	74,405	75,984	77,432	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	106,374	109,634	99,095	100,600	115,278	132,413	2,501	2,658	1,918	1,774	1,865	1,751
Transportation and public utilities	2,192,192	2,221,640	2,317,227	2,464,951	2,777,354	2,918,448	827,104	812,819	807,889	761,448	780,719	1,112,360
Railroad transportation	232,117	229,038	215,025	202,235	211,464	204,522	75	(L)	0	0	0	0
Trucking and warehousing	628,322	637,261	677,376	719,923	786,401	834,485	116,510	116,530	97,938	89,218	89,199	101,273
Water transportation	71,586	72,480	68,066	65,277	74,500	(D)	49,871	52,242	42,124	37,844	40,681	308,729
Other transportation[8]	87,354	96,889	105,450	122,745	133,644	(D)	328,990	307,341	300,152	293,800	316,336	356,474
Communication	596,758	556,473	553,741	616,825	804,488	850,570	231,700	200,704	210,253	199,798	151,306	151,354
Electric, gas, and sanitary services	576,055	629,499	697,569	737,946	766,857	808,413	99,958	135,962	157,422	140,788	183,197	194,530
Wholesale trade	1,630,824	1,770,087	1,851,647	1,959,478	2,124,886	2,314,140	301,513	308,994	283,086	254,909	255,829	277,884
Retail trade	2,745,486	2,911,625	3,159,368	3,328,452	3,580,206	3,735,630	770,268	789,829	734,230	685,343	703,552	776,252
Finance, insurance, and real estate	1,284,790	1,419,711	1,576,487	1,816,001	1,792,171	1,831,676	352,092	377,844	388,798	372,742	336,708	318,498
Banking and credit agencies	527,177	579,948	654,638	688,930	718,529	742,284	154,462	164,740	169,623	150,044	133,294	121,795
Other finance, insurance, and real estate[9]	757,613	839,763	921,849	1,127,071	1,073,642	1,089,392	197,630	213,104	219,175	222,698	203,414	196,703
Services	4,938,884	5,469,806	6,294,863	7,081,649	7,768,544	8,499,965	1,407,814	1,472,288	1,471,845	1,425,060	1,519,717	1,744,378
Hotels and other lodging places	103,389	113,830	124,054	139,145	142,693	144,526	82,355	84,093	85,388	86,968	88,164	98,169
Personal services	224,000	266,641	292,389	310,315	359,563	398,035	61,309	78,331	84,397	81,865	90,033	106,793
Private households	183,210	184,486	184,560	185,073	195,456	204,609	7,826	8,086	8,160	8,023	8,408	8,801
Business services	661,335	872,926	1,102,597	1,302,055	1,298,653	1,454,991	296,073	313,437	292,245	271,786	306,744	392,589
Auto repair, services, and garages	250,778	282,272	305,526	307,467	314,727	330,761	64,436	72,505	71,711	72,831	84,086	97,030
Miscellaneous repair services	109,757	108,722	120,998	123,933	141,540	158,297	49,267	48,197	49,715	44,607	43,038	48,804
Amusement and recreation services	68,986	83,133	84,123	99,179	100,687	116,206	15,576	22,064	29,688	33,754	37,232	42,641
Motion pictures	8,730	9,157	10,240	11,315	13,547	15,561	9,452	10,521	10,273	10,223	12,860	14,814
Health services	1,752,782	1,870,209	2,049,594	2,354,765	2,632,682	2,817,791	285,664	296,865	309,061	314,603	331,112	366,463
Legal services	354,374	396,923	464,130	511,722	579,518	646,855	91,440	98,369	100,746	102,350	106,822	109,396
Educational services	156,418	168,204	175,079	191,239	210,171	224,734	19,414	21,806	21,591	22,031	23,045	25,239
Social services	106,435	116,272	125,583	136,138	155,128	173,855	71,608	79,741	84,529	83,849	84,864	94,748
Museums, botanical, zoological gardens	269	329	377	476	600	613	527	546	536	407	487	496
Membership organizations	219,872	217,085	237,084	251,110	273,534	285,277	81,199	80,204	89,399	85,242	96,192	101,365
Miscellaneous services	738,549	779,617	1,018,529	1,157,717	1,350,045	1,527,854	271,668	257,523	234,406	206,521	206,630	237,030
Government and government enterprises	5,855,210	6,404,948	6,683,677	7,054,629	7,469,651	7,891,805	2,453,692	2,615,016	2,684,332	2,673,000	2,742,363	2,884,910
Federal, civilian	1,738,373	1,826,386	1,783,870	1,945,405	2,077,330	2,117,653	522,079	514,579	526,873	551,534	591,503	620,915
Military	708,042	751,774	779,567	837,018	847,735	840,471	451,289	475,711	499,575	535,878	561,430	588,912
State and local	3,408,795	3,826,788	4,120,240	4,272,206	4,544,586	4,933,681	1,480,324	1,624,726	1,657,884	1,585,588	1,589,430	1,675,083

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Arizona						Arkansas					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**36,800,322**	**40,962,754**	**44,768,998**	**48,812,876**	**52,369,715**	**56,352,626**	**23,308,859**	**24,838,118**	**26,052,001**	**27,235,283**	**29,195,037**	**31,261,211**
Nonfarm personal income	36,251,912	40,510,740	44,263,505	48,194,771	51,699,224	55,750,001	22,236,900	23,758,453	24,971,396	26,000,643	27,680,247	29,744,535
Farm income[1]	548,410	452,014	505,493	618,105	670,491	602,625	1,071,959	1,079,665	1,080,605	1,234,640	1,514,790	1,516,676
Population (thousands)[2]	3,041.0	3,153.5	3,278.1	3,398.6	3,487.4	3,560.2	2,346.6	2,359.6	2,371.1	2,388.0	2,394.7	2,404.8
Per capita personal income (dollars)	**12,101**	**12,990**	**13,657**	**14,363**	**15,017**	**15,829**	**9,933**	**10,526**	**10,987**	**11,405**	**12,191**	**13,000**
Derivation of total personal income:												
Total earnings by place of work	26,359,883	29,299,546	32,140,231	34,976,752	37,493,145	39,263,821	16,351,146	17,242,830	18,192,871	19,379,336	20,879,723	21,975,264
Less: Personal contributions for social insurance[3]	1,516,536	1,752,247	1,986,790	2,029,678	2,228,888	2,429,264	972,659	1,086,653	1,248,738	1,336,935	1,482,604	1,633,367
Plus: Adjustment for residence	−80,951	−77,160	−88,869	−100,707	−110,235	−105,694	−69,402	−64,142	−59,521	−68,087	−72,483	−55,346
Equals: Net earnings by place of residence	24,762,396	27,470,139	30,064,572	32,846,367	35,154,022	36,728,863	15,309,085	16,092,035	16,884,612	17,974,314	19,324,636	20,286,551
Plus: Dividends, interest, and rent[5]	6,678,703	7,499,328	8,160,441	8,773,133	9,376,732	10,986,809	3,580,769	3,980,381	4,104,660	3,982,845	4,280,033	4,898,585
Plus: Transfer payments	5,359,223	5,993,287	6,543,985	7,193,376	7,838,961	8,636,954	4,419,005	4,765,702	5,062,729	5,278,124	5,590,368	6,076,075
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	21,903,859	24,523,927	26,860,426	28,987,153	31,063,308	32,524,118	12,350,696	13,070,704	13,835,120	14,553,544	15,494,532	16,323,401
Other labor income	1,994,525	2,141,444	2,366,201	2,477,465	2,632,388	2,797,705	1,293,005	1,310,598	1,371,398	1,449,060	1,549,803	1,667,971
Proprietors' income[6]	2,461,499	2,634,175	2,913,604	3,512,134	3,797,449	3,941,998	2,707,445	2,861,528	2,986,353	3,376,732	3,835,388	3,983,892
Farm	397,843	301,261	354,623	457,954	509,243	437,220	906,951	917,079	920,545	1,067,044	1,347,382	1,348,001
Nonfarm	2,063,656	2,332,914	2,558,981	3,054,180	3,288,206	3,504,778	1,800,494	1,944,449	2,065,808	2,309,688	2,488,006	2,635,891
Earnings by industry:												
Farm	548,410	452,014	505,493	618,105	670,491	602,625	1,071,959	1,079,665	1,080,605	1,234,640	1,514,790	1,516,676
Nonfarm	25,811,473	28,847,532	31,634,738	34,358,647	36,822,654	38,661,196	15,279,187	16,163,165	17,112,266	18,144,696	19,364,933	20,458,588
Private	21,172,245	23,756,043	26,075,621	28,307,792	30,300,127	31,690,948	12,768,934	13,440,226	14,232,481	15,166,914	16,221,423	17,123,910
Agricultural services, forestry, fisheries, and other[7]	197,371	210,544	240,054	282,122	297,183	307,265	102,696	89,327	79,520	111,075	121,031	131,590
Agricultural services	194,502	204,293	232,359	274,419	287,761	298,479	79,138	73,025	70,692	99,485	108,111	111,296
Forestry, fisheries, and other[7]	2,869	6,251	7,695	7,703	9,422	8,786	23,558	16,302	8,828	11,590	12,920	20,294
Mining	513,029	510,842	422,584	440,415	565,167	557,503	166,726	178,841	133,374	124,998	138,887	144,108
Coal mining	(D)	(D)	(D)	49,339	52,199	53,443	1,515	1,206	2,334	1,276	1,177	(D)
Oil and gas extraction	(D)	93,524	(D)	29,894	45,812	47,988	132,431	140,624	94,814	(D)	(D)	(D)
Metal mining	386,891	356,252	325,056	341,415	448,886	436,867	5,722	9,061	(D)	6,345	9,281	(D)
Nonmetallic minerals, except fuels	14,242	(D)	(D)	19,767	18,270	19,205	27,058	27,950	(D)	(D)	(D)	32,393
Construction	2,590,878	3,017,358	3,221,713	2,967,655	2,897,279	2,737,474	981,843	1,052,431	1,135,062	1,093,135	1,162,340	1,152,087
Manufacturing	4,488,698	4,871,112	5,276,896	5,623,055	6,005,554	6,097,801	4,096,839	4,156,850	4,376,366	4,661,881	4,961,811	5,184,225
Nondurable goods	736,857	784,501	888,612	959,654	1,054,867	1,102,154	1,840,630	1,865,156	1,997,657	2,146,139	2,243,454	2,387,276
Food and kindred products	181,643	192,202	215,265	217,379	225,573	238,599	610,336	652,704	744,322	807,408	842,270	899,428
Textile mill products	3,953	3,509	5,271	6,149	7,512	12,281	60,114	37,662	(D)	(D)	(D)	(D)
Apparel and other textile products	59,193	57,606	63,551	62,293	67,284	72,741	116,664	112,579	121,781	123,224	130,561	136,838
Paper and allied products	48,531	51,327	59,410	63,384	73,543	60,592	369,633	372,545	394,141	430,830	449,865	456,012
Printing and publishing	271,709	299,950	337,955	389,021	418,801	432,946	169,353	181,651	193,242	216,118	229,523	233,702
Chemicals and allied products	89,678	91,969	103,064	108,085	134,562	142,805	174,497	168,899	164,360	169,183	177,424	203,633
Petroleum and coal products	5,079	5,595	5,877	6,888	6,668	3,298	40,798	37,519	(D)	(D)	(D)	(D)
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	71,622	76,764	91,967	100,022	115,615	132,799	225,398	225,382	238,746	251,643	267,276	299,932
Leather and leather products	5,421	5,564	6,224	6,402	5,278	6,062	73,825	76,207	69,305	70,730	68,177	71,701
Durable goods	3,751,841	4,086,611	4,388,284	4,663,401	4,950,687	4,995,647	2,256,209	2,291,694	2,378,709	2,515,742	2,718,357	2,796,949
Lumber and wood products	136,121	143,893	169,619	194,047	181,603	167,378	363,235	371,344	392,050	423,999	444,989	460,877
Furniture and fixtures	44,791	53,040	57,163	56,688	56,874	61,387	147,019	148,837	158,140	173,851	177,304	177,154
Primary metal industries	230,411	242,640	243,956	234,659	265,079	262,048	210,185	202,083	184,910	203,392	236,190	264,841
Fabricated metal products	197,618	201,951	206,098	219,874	221,441	212,640	315,373	326,799	331,735	340,295	371,020	400,462
Machinery, except electrical	785,433	820,568	790,598	790,275	867,619	851,947	293,969	353,126	380,921	389,904	416,182	425,069
Electric and electronic equipment	1,127,573	1,161,549	1,232,993	1,344,736	1,466,524	1,485,133	527,618	469,985	479,210	500,119	526,341	502,709
Transportation equip. excl. motor vehicles	707,743	836,871	1,018,722	1,086,522	1,105,818	1,135,432	62,935	76,466	84,736	101,463	135,241	142,981
Motor vehicles and equipment	36,353	43,493	46,102	49,273	49,495	47,919	82,869	87,628	95,570	108,426	124,475	134,160
Stone, clay, and glass products	183,900	208,894	219,450	229,995	231,177	200,174	104,008	105,573	105,521	104,399	108,433	110,314
Instruments and related products	243,696	309,382	333,122	374,295	409,691	474,214	91,704	94,675	105,046	104,304	98,702	106,907
Miscellaneous manufacturing industries	58,202	64,330	70,461	83,037	95,366	97,375	57,294	55,178	60,870	65,590	79,480	71,475
Transportation and public utilities	1,632,531	1,765,761	1,905,449	2,134,389	2,282,153	2,448,348	1,360,429	1,454,790	1,561,858	1,723,752	1,825,813	1,966,553
Railroad transportation	116,335	115,043	115,807	118,379	109,347	101,640	205,857	204,444	200,856	203,381	217,086	242,081
Trucking and warehousing	359,968	372,050	406,321	451,260	487,884	517,141	485,838	526,778	583,645	650,205	722,076	780,189
Water transportation	404	998	1,212	1,594	2,230	1,868	6,243	5,960	6,199	6,291	8,084	9,522
Other transportation[8]	276,120	288,536	336,576	445,517	510,569	609,246	70,385	72,580	83,209	86,058	93,991	103,830
Communication	495,392	530,430	531,699	561,362	587,718	613,505	283,560	306,339	290,931	334,855	352,438	379,017
Electric, gas, and sanitary services	384,312	458,704	513,834	556,277	584,405	604,948	308,546	338,689	397,018	442,962	432,138	451,914
Wholesale trade	1,366,483	1,552,535	1,624,190	1,820,020	1,898,667	2,174,458	847,664	892,509	912,808	961,559	1,034,860	1,112,317
Retail trade	2,998,628	3,361,661	3,617,155	3,846,398	4,121,538	4,351,190	1,765,567	1,842,809	1,902,245	1,970,449	2,130,977	2,218,389
Finance, insurance, and real estate	1,672,329	2,006,044	2,382,438	2,871,539	2,804,575	2,762,173	739,828	810,512	897,793	997,281	962,384	960,004
Banking and credit agencies	679,916	807,259	969,529	1,066,339	1,110,277	1,098,612	301,061	321,791	347,330	358,351	367,170	376,366
Other finance, insurance, and real estate[9]	992,413	1,198,785	1,412,909	1,805,200	1,694,298	1,663,561	438,767	488,721	550,463	638,930	595,214	583,638
Services	5,712,298	6,460,186	7,385,142	8,322,199	9,428,011	10,254,736	2,707,342	2,962,157	3,233,455	3,522,784	3,883,320	4,254,637
Hotels and other lodging places	316,505	354,272	389,227	492,923	562,459	588,987	83,033	83,672	89,693	95,600	96,254	98,585
Personal services	262,889	321,772	360,550	394,752	449,017	502,696	180,127	222,890	236,697	240,198	271,618	306,160
Private households	77,621	80,489	82,914	85,443	92,158	98,122	66,718	67,038	66,930	67,066	70,716	74,009
Business services	1,204,731	1,359,611	1,548,104	1,637,778	1,918,938	2,100,354	386,614	438,561	496,904	551,183	623,004	693,918
Auto repair, services, and garages	283,672	326,004	396,747	419,646	440,867	480,174	174,797	194,743	207,289	209,316	220,148	234,916
Miscellaneous repair services	127,374	120,432	146,179	135,176	160,583	180,986	70,277	65,408	74,563	71,236	82,362	88,910
Amusement and recreation services	118,851	141,444	161,445	186,231	229,614	259,513	46,523	51,219	56,811	61,908	64,681	70,503
Motion pictures	18,046	20,849	25,743	25,089	28,108	35,837	5,456	6,530	7,143	9,594	7,059	8,145
Health services	1,722,270	1,939,258	2,193,561	2,589,366	2,911,581	3,184,386	1,084,288	1,161,165	1,248,141	1,421,635	1,566,917	1,726,534
Legal services	442,464	512,121	604,734	707,881	814,368	831,210	164,708	182,879	206,637	220,399	249,666	273,005
Educational services	123,445	139,025	149,835	173,124	198,515	218,942	57,217	69,885	75,576	77,379	88,928	97,237
Social services	143,947	168,623	187,093	217,480	248,913	280,994	85,481	95,614	104,542	116,238	126,580	141,186
Museums, botanical, zoological gardens	6,957	7,516	8,500	9,382	10,722	11,986	376	429	442	511	578	621
Membership organizations	326,960	338,077	366,097	405,684	453,289	482,108	122,949	128,922	128,793	134,603	146,312	150,907
Miscellaneous services	536,566	630,693	764,413	842,244	908,879	998,441	178,778	193,202	233,294	245,918	268,497	290,001
Government and government enterprises	4,639,228	5,091,489	5,559,117	6,050,855	6,522,527	6,970,248	2,510,253	2,722,939	2,879,785	2,977,782	3,143,510	3,334,678
Federal, civilian	989,624	1,050,104	1,061,886	1,175,257	1,275,737	1,334,280	505,215	536,560	543,271	574,460	625,957	664,895
Military	549,457	567,543	590,294	613,945	634,993	663,223	253,485	269,256	280,819	293,084	289,324	300,452
State and local	3,100,147	3,473,842	3,906,937	4,261,653	4,611,797	4,972,745	1,751,553	1,917,123	2,055,695	2,110,238	2,228,229	2,369,331

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	California						Colorado					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**389,182,902**	**422,607,699**	**453,109,826**	**490,103,529**	**533,115,599**	**576,432,997**	**44,946,800**	**47,511,183**	**49,420,071**	**51,454,772**	**54,231,453**	**58,077,040**
Nonfarm personal income	383,823,475	416,785,798	446,574,570	483,064,207	525,700,810	569,365,261	44,411,037	46,927,946	48,749,133	50,755,019	53,452,236	57,234,139
Farm income[1]	5,359,427	5,821,901	6,535,256	7,039,322	7,414,789	7,067,736	535,763	583,237	670,938	699,753	779,217	842,901
Population (thousands)[2]	25,779.7	26,358.3	26,997.1	27,652.5	28,314.1	29,054.6	3,189.4	3,234.1	3,264.8	3,293.0	3,301.2	3,318.0
Per capita personal income (dollars)	**15,096**	**16,033**	**16,784**	**17,724**	**18,829**	**19,840**	**14,092**	**14,691**	**15,137**	**15,626**	**16,428**	**17,504**
Derivation of total personal income:												
Total earnings by place of work	286,025,502	311,401,904	336,712,370	369,460,314	401,709,944	429,365,628	34,177,817	36,166,762	37,445,208	38,899,014	41,051,566	43,395,832
Less: Personal contributions for social insurance[3]	16,251,598	18,532,466	20,294,396	22,084,129	24,949,165	27,672,179	1,824,441	2,021,547	2,146,269	2,215,290	2,416,475	2,643,919
Plus: Adjustment for residence	222,796	266,744	232,788	190,085	212,918	233,107	−26,907	−29,696	−38,498	−40,409	−40,938	−41,924
Equals: Net earnings by place of residence	269,996,700	293,136,182	316,650,762	347,566,270	376,973,697	401,926,556	32,326,469	34,115,519	35,260,441	36,643,315	38,594,153	40,709,989
Plus: Dividends, interest, and rent[4]	66,934,590	71,780,369	74,869,826	77,563,589	86,375,871	98,986,527	7,489,761	7,943,541	8,222,558	8,367,289	8,806,785	10,019,569
Plus: Transfer payments	52,251,612	57,691,148	61,589,238	64,973,670	69,766,031	75,519,914	5,130,570	5,452,123	5,937,072	6,444,168	6,830,515	7,347,482
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	229,739,788	250,462,964	269,725,369	294,794,279	319,538,648	341,998,279	27,919,031	29,485,609	30,317,789	31,260,540	32,796,809	34,548,083
Other labor income	23,094,108	24,158,093	25,961,330	27,896,503	30,326,937	32,841,835	2,562,818	2,610,907	2,674,766	2,727,827	2,878,211	3,095,724
Proprietors' income[6]	33,191,606	36,780,847	41,025,671	46,769,532	51,844,359	54,525,514	3,695,968	4,070,246	4,452,653	4,910,647	5,376,546	5,752,025
Farm	3,549,151	4,012,665	4,723,363	5,102,993	5,438,885	5,027,380	395,553	444,945	535,987	559,329	639,724	703,719
Nonfarm	29,642,455	32,768,182	36,302,308	41,666,539	46,405,474	49,498,134	3,300,415	3,625,301	3,916,666	4,351,318	4,736,822	5,048,306
Earnings by industry:												
Farm	5,359,427	5,821,901	6,535,256	7,039,322	7,414,789	7,067,736	535,763	583,237	670,938	699,753	779,217	842,901
Nonfarm	280,666,075	305,580,003	330,177,114	362,420,992	394,295,155	422,297,892	33,642,054	35,583,525	36,774,270	38,199,261	40,272,349	42,552,931
Private	236,317,653	257,097,662	278,422,205	306,700,993	334,647,635	357,824,268	27,844,628	29,381,660	30,229,019	31,195,649	32,909,001	34,863,831
Agricultural services, forestry, fisheries, and other[7]	2,320,180	2,484,143	2,600,112	3,233,047	3,540,504	3,815,045	177,440	184,076	185,335	228,604	235,127	241,265
Agricultural services	2,175,500	2,282,267	2,360,227	3,038,269	3,308,512	3,588,920	172,494	175,692	176,310	220,289	225,348	231,640
Forestry, fisheries, and other[7]	144,680	201,876	239,885	194,778	231,992	226,125	4,946	8,384	9,025	8,315	9,779	9,625
Mining	2,459,015	2,666,548	1,978,651	1,920,909	2,217,606	2,221,714	1,620,455	1,566,461	1,285,854	1,072,356	1,099,855	1,107,007
Coal mining	4,856	(D)	(D)	(D)	1,655	(D)	215,870	209,392	189,047	143,779	154,209	166,906
Oil and gas extraction	2,146,523	2,328,144	1,604,062	1,532,276	1,802,984	1,791,210	1,160,895	1,157,915	903,124	742,620	754,236	710,669
Metal mining	58,081	(D)	(D)	(D)	125,192	(D)	218,119	171,892	162,058	159,406	164,059	199,327
Nonmetallic minerals, except fuels	249,555	261,016	287,138	268,994	287,775	294,880	25,571	27,262	31,625	26,551	27,351	30,105
Construction	18,265,681	20,063,750	22,290,671	24,453,680	26,972,849	28,919,705	2,891,419	2,864,996	2,787,003	2,492,938	2,410,435	2,423,726
Manufacturing	58,285,977	61,962,065	64,744,668	68,729,322	73,664,593	77,264,030	5,230,757	5,463,149	5,652,165	5,833,630	6,202,297	6,526,637
Nondurable goods	15,847,974	16,413,406	17,341,879	18,831,838	20,530,944	21,654,441	1,663,524	1,726,710	1,790,335	1,898,655	2,032,030	2,110,314
Food and kindred products	4,477,965	4,533,147	4,682,761	4,918,731	5,108,123	5,407,151	606,755	603,653	651,036	688,943	748,360	753,104
Textile mill products	260,567	266,855	300,481	350,671	382,897	409,522	6,109	5,681	(D)	2,892	3,912	4,920
Apparel and other textile products	1,549,087	1,572,969	1,747,109	1,996,101	2,175,153	2,408,864	40,306	44,014	44,656	52,133	56,614	65,264
Paper and allied products	1,138,153	1,187,027	1,259,309	1,353,440	1,403,344	1,467,231	57,559	57,263	58,443	60,957	65,929	72,670
Printing and publishing	3,361,322	3,593,503	3,891,311	4,298,802	4,807,219	5,103,117	452,294	495,077	509,778	551,885	581,513	613,597
Chemicals and allied products	1,964,741	2,094,816	2,214,677	2,402,889	2,885,277	2,971,051	276,278	297,912	298,123	306,157	317,825	326,637
Petroleum and coal products	1,541,384	1,635,648	1,606,793	1,649,020	1,821,919	1,817,792	39,972	38,189	39,668	41,706	43,051	43,382
Tobacco manufactures	806	503	578	879	918	997	76	(L)	(D)	89	88	88
Rubber and misc. plastic products	1,435,048	1,420,254	1,524,868	1,745,208	1,838,098	1,960,187	139,777	142,926	145,924	153,928	173,351	190,412
Leather and leather products	118,901	108,684	113,992	116,097	107,996	108,529	44,398	41,954	36,994	39,965	41,387	40,240
Durable goods	42,438,003	45,548,659	47,402,789	49,897,484	53,133,649	55,609,589	3,567,233	3,736,439	3,861,830	3,934,975	4,170,267	4,416,323
Lumber and wood products	1,389,338	1,423,467	1,561,760	1,765,234	1,878,607	1,998,955	83,813	86,128	91,970	96,081	99,747	93,329
Furniture and fixtures	1,103,361	1,152,446	1,169,221	1,302,450	1,369,228	1,413,016	55,725	58,159	56,441	60,851	64,551	66,837
Primary metal industries	1,443,633	1,275,395	1,307,480	1,359,263	1,498,901	1,624,893	137,556	115,885	99,213	86,777	94,829	105,153
Fabricated metal products	3,887,562	4,032,623	4,044,557	4,034,353	4,206,444	4,413,387	272,927	281,660	271,946	280,174	302,156	323,613
Machinery, except electrical	7,173,434	7,523,376	7,548,611	7,874,422	8,568,953	9,076,406	816,392	788,298	840,476	1,167,925	1,233,479	1,327,996
Electric and electronic equipment	12,227,109	13,485,168	13,742,966	14,367,024	14,624,652	14,843,469	549,300	693,936	693,972	668,836	726,839	783,705
Transportation equip. excl. motor vehicles	8,823,774	9,945,865	10,972,949	11,695,081	12,182,924	12,934,901	466,638	576,930	663,523	704,068	756,688	775,433
Motor vehicles and equipment	888,930	949,980	944,605	957,861	1,052,034	1,057,066	56,492	56,942	50,919	47,407	41,820	43,193
Stone, clay, and glass products	1,450,165	1,480,402	1,580,095	1,666,654	1,827,054	1,938,542	292,789	293,344	284,910	255,766	264,301	275,927
Instruments and related products	3,074,083	3,336,586	3,593,753	3,849,449	4,789,304	5,129,871	755,275	703,977	723,246	476,003	482,903	517,041
Miscellaneous manufacturing industries	976,614	943,351	936,792	1,025,693	1,135,548	1,179,083	80,326	81,180	85,214	91,087	102,954	104,096
Transportation and public utilities	19,023,689	19,968,359	21,200,486	22,142,355	23,279,073	24,749,097	2,812,561	3,012,351	3,073,275	3,287,391	3,501,633	3,623,327
Railroad transportation	980,663	947,707	876,697	843,101	849,308	887,930	221,972	221,796	194,040	172,430	178,184	189,802
Trucking and warehousing	4,170,822	4,298,851	4,610,072	4,927,864	5,285,839	5,595,196	544,453	554,251	563,594	595,632	624,892	652,807
Water transportation	747,101	785,837	844,689	878,366	905,304	960,055	285	394	602	656	(D)	976
Other transportation[8]	4,199,492	4,373,237	5,104,541	5,384,743	5,887,809	6,591,265	662,729	704,657	775,025	820,888	(D)	911,416
Communication	5,964,634	6,252,446	6,269,061	6,527,398	6,540,247	6,776,586	934,278	1,042,529	1,020,649	1,222,167	1,293,999	1,327,649
Electric, gas, and sanitary services	2,960,977	3,310,281	3,495,426	3,580,883	3,810,566	3,938,065	448,844	488,724	519,365	475,618	519,100	540,677
Wholesale trade	17,957,767	19,860,283	21,457,988	22,668,019	25,323,657	27,505,080	2,127,859	2,250,027	2,233,695	2,315,332	2,428,906	2,621,117
Retail trade	28,909,125	30,981,880	33,034,704	35,092,289	38,401,120	40,909,118	3,566,729	3,711,771	3,809,322	3,823,011	3,987,853	4,180,063
Finance, insurance, and real estate	18,528,836	20,898,081	24,661,754	30,175,266	30,953,851	31,634,893	2,282,835	2,507,755	2,723,654	2,987,058	2,889,450	2,899,339
Banking and credit agencies	7,372,640	7,960,497	9,025,573	9,899,422	10,261,279	10,639,057	847,007	912,009	998,024	967,641	902,697	871,809
Other finance, insurance, and real estate[9]	11,156,196	12,937,584	15,636,181	20,275,844	20,692,572	20,995,836	1,435,828	1,595,746	1,725,630	2,019,417	1,986,753	2,027,530
Services	70,567,383	78,212,553	86,453,171	98,286,106	110,294,382	120,805,586	7,134,573	7,821,074	8,478,716	9,155,329	10,153,445	11,241,350
Hotels and other lodging places	1,907,234	2,080,276	2,243,258	2,656,204	3,062,316	3,319,314	305,563	332,388	339,206	373,741	382,644	399,279
Personal services	2,564,988	3,143,476	3,393,185	3,666,708	4,229,215	4,820,594	334,886	413,735	441,859	460,334	518,150	593,470
Private households	1,204,664	1,231,104	1,252,619	1,275,442	1,375,780	1,472,537	69,321	70,292	70,521	70,715	74,482	78,133
Business services	17,377,652	19,388,758	21,452,609	24,212,909	27,925,917	30,201,551	1,519,456	1,732,844	1,870,845	2,060,983	2,392,399	2,737,869
Auto repair, services, and garages	3,229,286	3,631,892	3,909,581	4,101,694	4,384,887	4,740,199	327,098	364,214	390,963	400,546	415,467	449,494
Miscellaneous repair services	1,776,925	1,752,724	1,768,298	1,711,297	1,954,688	2,125,313	155,669	144,930	164,751	154,628	173,683	188,220
Amusement and recreation services	2,161,795	2,450,443	2,892,538	3,391,308	3,749,940	4,133,293	235,491	274,178	299,844	326,315	362,310	379,471
Motion pictures	3,202,840	3,609,132	3,857,373	4,582,236	5,102,255	5,474,892	32,740	36,280	37,531	38,325	45,750	46,976
Health services	18,428,736	20,310,658	22,183,662	25,796,243	27,985,507	30,368,971	1,904,408	2,028,973	2,224,610	2,493,202	2,747,266	3,022,953
Legal services	5,202,454	5,891,669	6,926,306	8,088,894	9,418,531	10,441,159	580,154	625,550	722,689	789,227	885,784	959,302
Educational services	2,280,795	2,426,998	2,505,086	2,713,062	3,006,418	3,319,609	180,260	192,225	193,998	211,767	235,556	260,641
Social services	1,287,044	1,453,224	1,674,045	1,951,507	2,214,428	2,466,934	146,074	167,746	187,918	203,814	234,766	264,193
Museums, botanical, zoological gardens	65,541	76,641	88,922	100,190	113,644	127,034	4,434	4,640	4,935	5,613	6,477	7,414
Membership organizations	2,420,321	2,611,707	2,771,336	2,960,105	3,309,651	3,547,977	304,067	315,688	329,633	356,180	395,111	421,486
Miscellaneous services	7,457,108	8,153,851	9,534,353	11,078,307	12,461,205	14,246,209	1,034,952	1,117,391	1,199,413	1,209,939	1,283,600	1,432,449
Government and government enterprises	44,348,422	48,482,341	51,754,909	55,719,999	59,647,520	64,473,624	5,797,426	6,201,865	6,545,251	7,003,612	7,363,348	7,689,100
Federal, civilian	8,754,664	9,308,564	9,384,782	9,922,968	10,662,624	11,249,444	1,375,836	1,440,147	1,456,137	1,564,587	1,676,389	1,765,763
Military	5,982,554	6,345,527	6,608,281	6,817,948	6,965,186	7,246,682	768,519	820,170	879,783	938,280	971,970	970,798
State and local	29,611,204	32,828,250	35,761,846	38,979,083	42,019,710	45,977,498	3,653,071	3,941,548	4,209,331	4,500,745	4,714,989	4,952,539

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Connecticut						Delaware					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**53,892,924**	**57,891,554**	**62,299,605**	**68,401,482**	**75,254,739**	**80,333,123**	**8,390,636**	**9,105,622**	**9,748,653**	**10,616,496**	**11,587,082**	**12,611,389**
Nonfarm personal income	53,738,877	57,749,871	62,128,964	68,228,993	75,073,411	80,163,071	8,250,739	8,985,714	9,581,894	10,487,296	11,410,723	12,424,751
Farm income[1]	154,047	141,683	170,641	172,489	181,328	170,052	139,897	119,908	166,759	129,200	176,359	186,638
Population (thousands)[2]	3,153.3	3,171.4	3,193.6	3,211.7	3,233.1	3,239.5	614.0	622.1	636.8	647.9	660.2	672.6
Per capita personal income (dollars)	**17,091**	**18,254**	**19,508**	**21,298**	**23,276**	**24,798**	**13,666**	**14,637**	**15,308**	**16,386**	**17,552**	**18,750**
Derivation of total personal income:												
Total earnings by place of work	37,703,440	41,145,301	44,666,329	49,949,420	54,881,698	57,419,525	6,682,022	7,222,344	7,735,364	8,572,073	9,436,971	10,286,025
Less: Personal contributions for social insurance[3]	2,258,584	2,577,328	2,804,020	3,177,924	3,591,992	3,880,857	519,571	590,536	695,388	831,161	944,619	1,062,025
Plus: Adjustment for residence	2,314,211	2,429,796	2,475,731	2,571,244	2,709,189	2,854,852	−215,471	−222,617	−194,433	−206,817	−279,801	−379,617
Equals: Net earnings by place of residence	37,759,067	40,997,769	44,338,040	49,342,740	53,998,895	56,393,520	5,946,980	6,409,191	6,845,543	7,534,095	8,212,551	8,844,383
Plus: Dividends, interest, and rent[5]	10,121,462	10,495,517	11,172,227	11,861,716	13,504,583	15,415,200	1,354,120	1,529,743	1,629,078	1,724,281	1,890,334	2,208,612
Plus: Transfer payments	6,012,395	6,398,268	6,789,338	7,197,026	7,751,261	8,524,403	1,089,536	1,166,688	1,274,032	1,358,120	1,484,197	1,558,394
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	31,356,381	34,204,630	37,253,829	41,305,681	45,379,098	47,418,430	5,471,240	5,912,542	6,271,607	6,982,503	7,687,500	8,379,574
Other labor income	3,415,640	3,646,732	3,850,416	4,161,614	4,521,088	4,753,230	639,663	658,606	706,739	757,383	812,591	901,391
Proprietors' income[6]	2,931,419	3,293,939	3,562,084	4,482,125	4,981,512	5,247,865	571,119	651,196	757,018	832,187	936,880	1,005,060
Farm	107,962	95,951	125,347	124,703	133,052	120,790	121,227	101,601	148,843	110,593	157,953	168,319
Nonfarm	2,823,457	3,197,988	3,436,737	4,357,422	4,848,460	5,127,075	449,892	549,595	608,175	721,594	778,927	836,741
Earnings by industry:												
Farm	154,047	141,683	170,641	172,489	181,328	170,052	139,897	119,908	166,759	129,200	176,359	186,638
Nonfarm	37,549,393	41,003,618	44,495,688	49,776,931	54,700,370	57,249,473	6,542,125	7,102,436	7,568,605	8,442,873	9,260,612	10,099,387
Private	33,396,257	36,330,499	39,570,265	44,301,085	48,655,567	50,652,559	5,628,612	6,127,186	6,522,404	7,315,385	8,035,463	8,791,372
Agricultural services, forestry, fisheries, and other[7]	124,592	138,793	157,920	225,090	257,196	264,431	19,532	20,131	21,733	28,420	32,085	34,282
Agricultural services	117,152	130,631	148,897	218,033	249,058	255,566	18,584	18,947	20,144	26,936	30,439	32,571
Forestry, fisheries, and other[7]	7,440	8,162	9,023	7,057	8,138	8,865	948	1,184	1,589	1,484	1,646	1,711
Mining	170,486	226,195	118,718	118,947	156,814	142,438	22,094	31,268	11,730	10,348	16,049	18,028
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	115,724	159,783	49,044	50,057	(D)	77,618	19,859	29,631	9,022	7,822	13,201	14,252
Metal mining	(D)	(D)	(D)	(D)	734	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	26,681	29,907	35,236	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	2,330,645	2,584,762	2,971,498	3,541,672	4,039,442	3,895,097	550,523	604,810	663,726	723,852	837,249	838,201
Manufacturing	12,103,361	12,561,251	13,007,659	13,327,794	13,752,364	13,814,202	2,436,118	2,601,091	2,597,104	2,739,834	2,864,727	3,169,088
Nondurable goods	2,821,883	2,968,938	3,135,004	3,227,744	3,373,727	3,412,910	1,812,912	1,913,322	1,965,656	2,052,689	2,226,777	2,407,806
Food and kindred products	347,062	361,730	365,808	380,001	392,514	390,612	152,218	161,709	170,507	172,124	172,972	(D)
Textile mill products	143,530	108,883	100,256	99,049	90,071	77,323	9,686	8,287	(D)	(D)	(D)	17,215
Apparel and other textile products	173,421	176,826	191,092	157,416	167,253	140,781	13,024	12,070	(D)	(D)	(D)	(D)
Paper and allied products	319,963	332,323	343,903	377,590	402,286	400,241	64,463	67,258	68,291	70,740	73,359	75,770
Printing and publishing	588,364	663,697	719,336	784,917	875,416	897,484	44,657	51,660	56,815	64,587	67,493	70,603
Chemicals and allied products	854,100	919,913	1,001,502	998,037	1,014,532	1,075,079	1,377,267	1,469,425	1,501,464	1,583,095	1,735,046	1,873,554
Petroleum and coal products	8,189	8,822	12,851	16,002	17,119	(D)	67,277	65,582	(D)	54,592	(D)	61,817
Tobacco manufactures	27,496	30,096	31,595	32,391	34,209	17,598	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	349,432	356,953	356,612	370,039	369,305	374,756	(D)	(D)	(D)	82,752	94,441	(D)
Leather and leather products	10,326	9,695	12,049	12,302	11,022	(D)	(D)	(D)	(D)	(D)	225	(D)
Durable goods	9,281,478	9,592,313	9,872,655	10,100,050	10,378,637	10,401,292	623,206	687,769	631,448	687,145	637,950	761,282
Lumber and wood products	74,251	86,577	99,228	110,617	120,162	103,596	13,881	16,082	(D)	23,073	(D)	28,115
Furniture and fixtures	85,682	91,380	92,685	95,335	99,789	95,633	8,106	7,901	9,698	14,225	16,654	15,914
Primary metal industries	576,948	462,819	458,599	461,243	491,615	389,542	(D)	(D)	(D)	(D)	30,341	42,853
Fabricated metal products	1,345,047	1,336,648	1,305,933	1,323,424	1,420,783	1,399,263	41,970	40,755	51,266	51,764	55,584	62,184
Machinery, except electrical	1,468,825	1,542,795	1,731,062	1,740,037	1,835,038	1,902,901	29,764	32,626	34,798	36,517	39,054	(D)
Electric and electronic equipment	1,616,227	1,698,375	1,560,968	1,631,500	1,636,057	1,614,249	97,464	84,692	(D)	82,240	(D)	(D)
Transportation equip. excl. motor vehicles	2,805,395	3,036,526	3,237,520	3,358,682	3,317,065	3,443,676	(D)	(D)	(D)	(D)	6,308	5,918
Motor vehicles and equipment	83,147	89,904	99,009	98,143	109,793	110,417	335,616	(D)	330,974	394,230	314,535	400,998
Stone, clay, and glass products	154,676	151,745	155,923	172,783	190,274	185,328	20,522	17,319	18,186	20,570	23,304	23,303
Instruments and related products	804,860	831,985	868,457	841,178	887,973	875,499	19,065	21,521	24,363	27,623	28,973	27,082
Miscellaneous manufacturing industries	266,420	263,559	263,271	267,108	270,088	281,188	3,676	4,292	3,305	2,836	3,303	4,390
Transportation and public utilities	1,987,660	2,207,691	2,242,341	2,624,313	2,820,088	3,008,088	340,575	350,140	382,927	460,853	496,357	551,335
Railroad transportation	(D)	(D)	(D)	38,057	35,144	34,059	42,189	39,331	(D)	(D)	(D)	52,310
Trucking and warehousing	420,761	443,422	484,325	559,923	613,467	628,635	92,245	92,809	104,338	137,404	143,139	153,295
Water transportation	44,712	(D)	(D)	68,023	73,630	68,255	11,338	13,036	(D)	31,070	34,721	(D)
Other transportation[8]	(D)	(D)	(D)	451,254	493,312	541,076	(D)	(D)	(D)	44,482	47,571	(D)
Communication	659,552	758,524	707,891	925,070	987,559	1,065,053	56,542	57,460	57,743	73,432	86,929	96,359
Electric, gas, and sanitary services	478,848	534,217	553,767	581,986	616,976	671,010	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	2,362,835	2,723,016	2,922,918	3,293,429	3,733,545	4,002,021	260,363	280,175	302,544	338,271	399,765	437,161
Retail trade	3,376,928	3,649,776	4,133,160	4,647,401	5,161,276	5,412,194	587,833	626,618	683,470	753,118	823,412	881,322
Finance, insurance, and real estate	3,196,444	3,527,232	4,143,844	5,292,270	5,783,118	5,902,179	343,026	403,195	502,330	699,381	738,697	798,091
Banking and credit agencies	798,246	891,952	1,052,108	1,233,736	1,350,641	1,488,746	187,865	232,839	312,133	397,981	451,895	494,044
Other finance, insurance, and real estate[9]	2,398,198	2,635,280	3,091,736	4,058,534	4,432,477	4,413,433	155,161	170,356	190,197	301,400	286,802	304,047
Services	7,743,306	8,711,783	9,872,207	11,230,169	12,951,724	14,211,909	1,068,548	1,209,758	1,356,840	1,561,308	1,827,122	2,063,864
Hotels and other lodging places	106,494	124,625	145,095	186,768	218,724	222,768	26,246	27,178	28,615	34,008	37,711	42,059
Personal services	318,826	404,717	449,148	492,001	571,438	643,881	42,428	51,149	56,272	61,694	70,275	82,484
Private households	123,629	124,378	124,082	124,111	131,430	137,398	31,402	31,846	32,184	32,539	34,944	37,117
Business services	1,775,281	1,979,995	2,305,093	2,612,289	3,011,149	3,242,348	179,714	227,220	263,445	313,573	373,639	429,092
Auto repair, services, and garages	259,662	296,037	329,765	361,881	395,832	427,672	53,540	62,117	59,851	67,016	77,805	88,099
Miscellaneous repair services	116,926	122,606	149,584	155,761	206,353	219,572	22,124	21,757	23,092	25,930	29,637	33,326
Amusement and recreation services	150,654	175,157	208,915	233,733	254,808	280,201	24,012	29,005	32,073	36,840	44,128	46,273
Motion pictures	32,213	41,191	43,288	43,789	56,283	54,997	1,901	2,163	2,631	2,748	2,824	3,061
Health services	2,564,512	2,813,064	3,039,938	3,554,709	4,106,146	4,629,743	378,735	411,952	467,085	531,138	626,146	695,747
Legal services	534,366	600,775	712,712	809,591	939,980	1,021,463	84,949	93,848	109,065	129,072	153,612	184,111
Educational services	570,897	633,356	672,885	731,381	782,669	837,033	45,829	44,314	47,151	57,586	66,936	68,937
Social services	208,145	239,606	276,347	324,627	396,069	456,418	41,359	45,140	50,555	57,240	65,927	76,338
Museums, botanical, zoological gardens	10,997	11,980	12,794	14,549	16,511	19,738	8,545	9,081	9,544	10,573	13,730	12,429
Membership organizations	265,569	290,264	321,472	364,979	413,153	446,704	51,400	54,291	55,553	64,588	71,573	75,391
Miscellaneous services	705,135	854,032	1,081,089	1,220,000	1,451,179	1,571,973	76,364	98,697	119,724	136,763	158,235	189,400
Government and government enterprises	4,153,136	4,673,119	4,925,423	5,475,846	6,044,803	6,596,914	913,513	975,250	1,046,201	1,127,488	1,225,149	1,308,015
Federal, civilian	626,038	659,947	669,506	737,836	798,430	835,792	143,908	148,135	150,894	162,792	176,115	185,281
Military	330,711	350,963	358,691	368,885	375,766	386,064	111,933	116,737	121,408	128,217	129,407	133,798
State and local	3,196,387	3,662,209	3,897,226	4,369,125	4,870,607	5,375,058	657,672	710,378	773,899	836,479	919,627	988,936

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	District of Columbia						Florida					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**10,391,868**	**11,105,107**	**11,423,380**	**12,141,057**	**13,362,602**	**13,973,425**	**143,926,341**	**158,411,433**	**171,115,689**	**187,065,359**	**204,478,713**	**224,410,256**
Nonfarm personal income	10,391,868	11,105,107	11,423,380	12,141,057	13,362,602	13,973,425	141,902,703	156,328,257	168,854,037	184,888,418	201,899,795	221,961,180
Farm income[4]	0	0	0	0	0	0	2,023,638	2,083,176	2,261,652	2,176,941	2,578,918	2,449,076
Population (thousands)[2]	623.9	623.3	625.2	621.2	617.0	607.6	11,046.5	11,364.6	11,688.8	12,022.8	12,335.2	12,667.9
Per capita personal income (dollars)	**16,657**	**17,817**	**18,271**	**19,546**	**21,658**	**22,998**	**13,029**	**13,939**	**14,639**	**15,559**	**16,577**	**17,715**
Derivation of total personal income:												
Total earnings by place of work	18,021,177	19,306,595	20,337,197	22,125,004	24,420,551	26,089,760	89,719,323	98,559,577	107,762,545	120,036,911	130,894,576	139,478,956
Less: Personal contributions for social insurance[3]	1,216,324	1,337,767	1,371,943	1,446,007	1,594,213	1,715,844	4,812,671	5,564,978	6,131,068	6,514,939	7,427,864	8,291,397
Plus: Adjustment for residence	−10,365,393	−11,005,411	−11,639,085	−12,761,954	−14,061,350	−15,368,594	−37,084	−56,672	−65,816	−97,368	−133,743	−143,966
Equals: Net earnings by place of residence	6,439,460	6,963,417	7,326,169	7,917,043	8,764,988	9,005,322	84,869,568	92,937,927	101,565,661	113,424,604	123,332,969	131,043,593
Plus: Dividends, interest, and rent[5]	1,543,295	1,683,962	1,737,627	1,749,262	1,962,337	2,255,022	35,097,173	39,271,060	41,825,764	43,918,994	48,863,281	57,523,907
Plus: Transfer payments	2,409,113	2,457,728	2,359,584	2,474,752	2,635,277	2,713,081	23,959,600	26,202,446	27,724,264	29,721,761	32,282,463	35,842,756
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	16,059,387	17,227,044	18,156,900	19,646,180	21,573,337	22,964,646	73,882,193	81,017,208	87,972,568	97,472,405	106,391,533	113,516,715
Other labor income	1,072,122	1,099,047	1,144,288	1,289,502	1,468,662	1,654,251	6,774,687	7,157,654	7,890,611	8,567,880	9,293,136	9,983,162
Proprietors' income[6]	889,668	980,504	1,036,009	1,189,322	1,378,552	1,470,863	9,062,443	10,384,715	11,899,366	13,996,626	15,209,907	15,979,079
Farm	0	0	0	0	0	0	1,522,781	1,586,370	1,768,411	1,658,318	2,058,602	1,922,134
Nonfarm	889,668	980,504	1,036,009	1,189,322	1,378,552	1,470,863	7,539,662	8,798,345	10,130,955	12,338,308	13,151,305	14,056,945
Earnings by industry:												
Farm	0	0	0	0	0	0	2,023,638	2,083,176	2,261,652	2,176,941	2,578,918	2,449,076
Nonfarm	18,021,177	19,306,595	20,337,197	22,125,004	24,420,551	26,089,760	87,695,685	96,476,401	105,500,893	117,859,970	128,315,658	137,029,880
Private	9,706,202	10,560,892	11,459,459	12,691,686	14,153,345	15,123,069	73,333,122	80,795,465	88,509,247	99,155,213	107,917,510	114,768,012
Agricultural services, forestry, fisheries, and other[7]	156,813	167,155	178,367	201,550	212,891	223,852	795,492	912,505	1,004,651	1,162,258	1,306,810	1,393,775
Agricultural services	3,091	3,545	4,227	5,262	6,994	6,907	730,861	793,136	844,857	1,033,300	1,151,634	1,236,301
Forestry, fisheries, and other[7]	153,722	163,610	174,140	196,288	205,897	216,945	64,631	119,369	159,794	128,958	155,176	157,474
Mining	24,036	33,831	13,028	12,491	19,586	20,508	627,993	824,005	421,108	413,091	547,189	574,292
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	4,760	4,600	4,530	2,440	2,894	(D)
Oil and gas extraction	22,612	32,688	11,645	11,264	18,259	19,263	387,290	580,934	184,216	185,732	290,738	299,780
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	12,407	13,467	12,919	13,780	14,032	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	223,536	225,004	219,443	211,139	239,525	255,954
Construction	312,442	350,200	403,969	439,827	468,135	494,789	7,507,541	8,187,207	8,894,304	9,220,033	10,007,504	10,092,400
Manufacturing	476,027	523,906	576,474	622,181	684,476	694,783	11,146,846	12,004,866	12,709,676	13,533,353	14,551,318	14,966,319
Nondurable goods	421,248	443,907	461,987	502,551	565,980	567,543	4,071,118	4,281,636	4,499,115	4,787,375	5,191,822	5,447,782
Food and kindred products	20,399	20,782	19,845	19,646	18,685	(D)	1,010,402	1,041,478	1,099,012	1,132,928	1,206,181	1,276,894
Textile mill products	814	778	286	316	320	403	34,952	33,820	38,987	59,156	66,406	95,718
Apparel and other textile products	749	925	(D)	(D)	(D)	1,075	375,656	365,207	386,122	416,421	452,375	463,492
Paper and allied products	11,368	2,607	1,917	1,809	1,663	2,198	429,138	448,351	454,701	470,868	495,463	526,221
Printing and publishing	363,811	394,528	417,768	456,563	522,061	526,607	1,045,800	1,194,614	1,317,184	1,452,378	1,607,950	1,675,434
Chemicals and allied products	12,786	12,818	13,321	16,195	16,855	17,710	756,112	774,476	768,465	765,058	816,752	836,620
Petroleum and coal products	9,702	9,350	7,223	6,409	5,176	5,026	51,996	54,853	62,913	65,212	62,912	60,840
Tobacco manufactures	1,405	1,398	0	(D)	(D)	2,600	37,314	34,232	29,872	30,139	29,217	29,268
Rubber and misc. plastic products	(D)	(D)	(D)	364	263	(D)	291,845	301,165	312,696	363,703	421,435	446,586
Leather and leather products	(D)	(D)	(D)	(D)	0	0	37,903	33,440	29,163	31,512	33,131	36,709
Durable goods	54,779	79,999	114,487	119,630	118,496	127,240	7,075,728	7,723,230	8,210,561	8,745,978	9,359,496	9,518,537
Lumber and wood products	1,066	966	(D)	1,155	(D)	3,211	474,189	499,296	526,397	558,816	577,717	566,034
Furniture and fixtures	638	1,114	1,176	1,605	1,740	1,881	202,031	221,978	240,839	266,801	293,294	288,408
Primary metal industries	(D)	(D)	(D)	(D)	1,706	3,179	128,388	130,295	135,884	149,563	160,111	176,205
Fabricated metal products	2,010	2,476	2,397	2,503	3,213	3,520	742,375	788,830	830,129	882,337	894,464	880,172
Machinery, except electrical	4,048	7,498	10,145	10,633	21,247	(D)	1,167,680	1,281,524	1,300,920	1,302,817	1,394,790	1,387,467
Electric and electronic equipment	8,630	11,005	(D)	47,840	(D)	(D)	1,822,530	2,004,473	2,080,899	2,192,476	2,388,569	2,495,092
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	14,877	15,470	1,487,345	1,676,421	1,867,516	2,048,005	2,190,510	2,212,338
Motor vehicles and equipment	(D)	(D)	4,007	4,445	4,842	6,374	81,675	93,290	111,365	130,968	145,768	164,097
Stone, clay, and glass products	4,031	4,969	5,669	6,225	6,907	7,535	539,093	549,433	600,336	651,633	689,439	695,834
Instruments and related products	1,672	1,957	2,270	3,500	4,625	3,296	268,439	305,262	330,957	364,546	403,934	435,339
Miscellaneous manufacturing industries	2,760	3,042	3,093	3,527	3,375	3,321	161,983	172,428	185,319	198,016	220,900	217,551
Transportation and public utilities	904,019	925,475	946,011	1,038,486	1,167,560	1,192,957	7,021,709	7,427,372	7,881,529	8,456,741	8,834,188	8,907,457
Railroad transportation	74,845	82,095	(D)	(D)	(D)	94,200	357,320	329,523	310,799	293,166	322,064	323,340
Trucking and warehousing	20,950	22,445	26,269	25,899	28,900	27,342	1,258,051	1,310,400	1,457,396	1,605,009	1,802,247	1,917,315
Water transportation	2,954	3,556	(D)	4,045	4,171	3,580	277,598	294,144	291,449	330,943	376,449	393,215
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,746,964	1,884,201	2,052,307	2,258,261	2,265,153	2,162,723
Communication	551,078	570,287	566,121	628,863	731,964	737,663	2,267,310	2,354,366	2,346,467	2,483,572	2,508,772	2,465,608
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	1,114,466	1,254,738	1,423,111	1,485,790	1,559,503	1,645,256
Wholesale trade	296,999	301,135	311,580	311,841	345,621	345,037	5,594,975	6,232,523	6,615,110	7,440,770	8,349,544	9,011,995
Retail trade	727,324	751,261	794,101	840,681	901,343	938,827	11,283,640	12,363,306	13,521,956	14,798,993	16,240,984	17,226,768
Finance, insurance, and real estate	922,051	1,060,081	1,176,799	1,351,610	1,377,555	1,403,069	6,335,641	7,155,252	8,179,497	10,814,230	10,582,345	10,593,697
Banking and credit agencies	389,594	425,162	466,224	498,817	511,726	538,060	2,271,306	2,539,948	2,925,379	3,220,491	3,470,317	3,597,401
Other finance, insurance, and real estate[9]	532,457	634,919	710,575	852,793	865,829	865,009	4,064,335	4,615,304	5,254,118	7,593,739	7,112,028	6,996,296
Services	5,886,491	6,447,848	7,059,130	7,873,019	8,976,178	9,809,247	23,019,285	25,688,429	29,281,416	33,315,744	37,497,628	42,001,309
Hotels and other lodging places	212,845	239,313	261,197	304,413	324,079	357,370	1,266,797	1,375,894	1,561,140	1,789,388	1,968,491	2,114,586
Personal services	70,441	78,431	85,904	88,747	94,956	99,858	847,628	1,027,074	1,146,669	1,237,059	1,419,011	1,581,252
Private households	105,170	105,068	104,485	103,245	107,331	110,222	640,737	659,369	672,983	688,585	744,234	796,606
Business services	988,964	1,130,281	1,244,701	1,421,576	1,649,934	1,785,035	3,611,150	4,117,219	4,694,554	5,391,894	6,163,074	7,202,848
Auto repair, services, and garages	44,570	49,424	53,631	57,156	63,225	67,043	935,640	1,042,718	1,150,895	1,243,669	1,354,398	1,460,414
Miscellaneous repair services	17,159	19,153	19,696	17,859	20,197	19,807	473,029	450,190	519,994	556,340	612,947	688,449
Amusement and recreation services	41,877	42,858	43,044	48,039	60,765	72,908	1,049,214	1,133,502	1,262,711	1,423,987	1,546,642	1,821,823
Motion pictures	19,085	20,614	23,814	29,476	40,101	43,507	71,369	81,756	89,613	98,901	108,419	128,337
Health services	794,762	851,032	938,861	1,045,155	1,161,076	1,272,309	7,175,136	7,930,718	8,709,543	10,268,433	11,574,255	12,893,655
Legal services	1,400,306	1,499,026	1,671,652	1,868,004	2,227,127	2,474,192	1,913,393	2,186,068	2,535,778	2,987,953	3,306,936	3,497,483
Educational services	555,317	601,712	612,391	692,904	749,430	813,165	610,967	678,193	730,274	813,038	914,501	996,503
Social services	153,292	162,793	172,233	202,912	220,700	244,344	472,929	541,820	623,595	725,273	857,090	984,853
Museums, botanical, zoological gardens	3,531	4,522	5,114	6,765	7,563	8,333	7,410	8,917	10,411	11,535	13,791	15,969
Membership organizations	809,304	878,168	952,051	1,033,094	1,150,905	1,235,439	874,894	916,212	997,086	1,107,429	1,272,726	1,393,591
Miscellaneous services	669,868	765,453	870,356	953,674	1,098,789	1,205,715	3,068,992	3,538,779	4,576,170	4,972,260	5,641,113	6,424,940
Government and government enterprises	8,314,975	8,745,703	8,877,738	9,433,318	10,267,206	10,966,691	14,362,563	15,680,936	16,991,646	18,704,757	20,398,148	22,261,868
Federal, civilian	6,582,129	6,904,203	6,910,555	7,286,877	7,902,858	8,444,256	2,671,917	2,882,433	2,932,650	3,187,731	3,520,909	3,803,067
Military	442,139	480,897	514,826	542,395	559,419	589,274	2,043,403	2,216,416	2,395,653	2,493,326	2,522,921	2,704,687
State and local	1,290,707	1,360,603	1,452,357	1,604,046	1,804,929	1,933,161	9,647,243	10,582,087	11,663,343	13,023,700	14,354,318	15,754,114

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Georgia						Hawaii					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**68,920,097**	**75,394,317**	**82,408,544**	**89,194,152**	**96,822,597**	**103,338,670**	**13,627,901**	**14,588,685**	**15,607,407**	**16,797,709**	**18,412,225**	**20,477,460**
Nonfarm personal income	67,735,589	74,446,467	81,293,421	88,047,400	95,535,871	101,962,174	13,360,945	14,330,335	15,301,957	16,542,315	18,141,566	20,233,549
Farm income[1]	1,184,508	947,850	1,115,123	1,146,752	1,286,726	1,376,496	266,956	258,350	305,450	255,394	270,659	243,911
Population (thousands)[2]	5,844.3	5,974.8	6,100.6	6,227.3	6,341.7	6,438.4	1,036.0	1,051.5	1,063.6	1,082.0	1,098.2	1,114.2
Per capita personal income (dollars)	**11,793**	**12,619**	**13,508**	**14,323**	**15,268**	**16,050**	**13,154**	**13,874**	**14,674**	**15,525**	**16,765**	**18,379**
Derivation of total personal income:												
Total earnings by place of work	53,290,193	58,477,244	64,372,250	70,132,905	75,865,116	79,860,844	10,271,819	11,004,618	11,833,010	12,872,915	14,196,327	15,665,930
Less: Personal contributions for social insurance[3]	2,878,546	3,324,187	3,661,967	3,965,904	4,438,775	4,811,775	625,891	678,072	727,730	765,976	873,019	995,344
Plus: Adjustment for residence	−171,332	−154,475	−233,579	−211,217	−144,427	−58,652	0	0	0	0	0	0
Equals: Net earnings by place of residence	50,240,315	54,998,582	60,476,704	65,955,784	71,281,914	74,990,417	9,645,928	10,326,546	11,105,280	12,106,939	13,323,308	14,670,586
Plus: Dividends, interest, and rent[5]	9,476,251	10,369,158	11,110,177	11,706,996	13,027,823	14,930,760	2,048,626	2,188,788	2,308,163	2,395,102	2,625,409	3,147,335
Plus: Transfer payments	9,203,531	10,026,577	10,821,663	11,531,372	12,512,860	13,417,493	1,933,347	2,073,351	2,193,964	2,295,668	2,463,508	2,659,539
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	44,042,375	48,647,287	53,092,118	57,751,992	62,281,371	65,383,285	8,583,544	9,184,056	9,778,278	10,691,074	11,755,532	12,997,074
Other labor income	4,158,566	4,421,397	4,926,869	5,336,008	5,756,291	6,114,192	751,660	758,523	852,189	908,635	983,814	1,113,282
Proprietors' income[6]	5,089,252	5,408,560	6,353,263	7,044,905	7,827,454	8,363,367	936,615	1,062,039	1,202,543	1,273,206	1,456,981	1,555,574
Farm	1,037,932	803,028	972,458	996,052	1,135,356	1,222,606	114,940	107,963	153,717	96,799	111,215	80,003
Nonfarm	4,051,320	4,605,532	5,380,805	6,048,853	6,692,098	7,140,761	821,675	954,076	1,048,826	1,176,407	1,345,766	1,475,571
Earnings by industry:												
Farm	1,184,508	947,850	1,115,123	1,146,752	1,286,726	1,376,496	266,956	258,350	305,450	255,394	270,659	243,911
Nonfarm	52,105,685	57,529,394	63,257,127	68,986,153	74,578,390	78,484,348	10,004,863	10,746,268	11,527,560	12,617,521	13,925,668	15,422,019
Private	42,921,562	47,626,568	52,700,988	57,608,237	62,290,356	65,225,373	6,780,180	7,313,895	8,005,449	8,950,860	10,032,610	11,286,229
Agricultural services, forestry, fisheries, and other[7]	224,475	242,674	249,794	300,908	326,944	337,813	45,802	50,071	58,550	67,215	80,308	85,640
Agricultural services	165,414	191,190	208,532	261,666	284,000	296,976	40,648	39,489	44,612	54,638	64,476	71,174
Forestry, fisheries, and other[7]	59,061	51,484	41,262	39,242	42,944	40,837	5,154	10,582	13,938	12,577	15,832	14,466
Mining	266,565	308,857	263,715	288,547	332,539	338,919	16,164	22,949	7,467	11,710	16,122	16,790
Coal mining	1,280	(D)	(D)	(D)	1,030	471	0	0	0	0	0	0
Oil and gas extraction	63,138	96,555	28,600	30,270	52,503	54,900	15,112	21,887	6,185	6,466	11,328	12,525
Metal mining	1,925	(D)	(D)	(D)	584	519	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	200,222	211,252	234,268	257,315	278,422	283,029	1,076	1,091	1,294	5,214	4,752	4,217
Construction	3,486,268	3,936,617	4,562,490	4,601,683	4,798,191	4,708,540	601,438	661,169	771,988	886,833	1,017,136	1,310,252
Manufacturing	11,258,487	12,057,892	13,031,648	13,843,149	14,419,368	14,618,076	487,179	523,989	542,123	570,896	626,923	666,958
Nondurable goods	6,378,213	6,671,683	7,208,469	7,674,539	8,035,558	8,309,358	395,176	420,005	429,347	451,486	487,639	511,374
Food and kindred products	1,181,104	1,248,125	1,371,062	1,457,336	1,538,452	1,576,069	205,521	199,631	209,475	213,308	227,634	231,220
Textile mill products	1,795,565	1,795,712	1,955,484	2,135,929	2,209,245	2,359,051	3,651	(D)	4,284	4,220	(D)	(D)
Apparel and other textile products	864,462	858,484	879,780	892,606	922,982	909,755	30,010	35,195	39,407	37,548	38,469	39,236
Paper and allied products	900,522	952,300	1,027,566	1,069,638	1,110,556	1,195,312	5,242	5,625	6,311	6,707	(D)	7,515
Printing and publishing	634,667	726,001	830,611	903,087	997,784	992,627	109,744	135,612	129,437	145,035	161,784	179,031
Chemicals and allied products	510,354	550,237	583,182	605,588	644,671	654,217	12,405	11,750	11,845	12,151	13,375	13,038
Petroleum and coal products	35,591	34,264	41,258	46,444	41,607	39,190	24,226	24,248	24,420	28,144	29,699	32,616
Tobacco manufactures	92,263	110,107	116,600	149,691	153,131	158,536	(D)	(L)	156	183	205	188
Rubber and misc. plastic products	344,881	376,878	384,067	393,083	393,089	399,463	3,094	2,834	3,052	3,238	3,745	4,571
Leather and leather products	18,804	19,575	18,859	21,137	24,041	25,138	(D)	(D)	960	952	860	(D)
Durable goods	4,880,274	5,386,209	5,823,179	6,168,610	6,383,810	6,308,718	92,003	103,984	112,776	119,410	139,284	155,584
Lumber and wood products	594,556	651,369	692,474	725,539	750,823	735,580	5,474	8,428	7,686	8,924	10,124	11,259
Furniture and fixtures	175,152	193,225	197,253	213,947	212,427	213,613	7,427	8,666	(D)	(D)	14,088	17,702
Primary metal industries	449,310	474,195	496,671	526,074	535,512	542,146	(D)	840	969	228	(D)	(D)
Fabricated metal products	432,128	451,936	490,830	510,682	529,992	555,331	18,240	16,725	19,659	20,614	19,836	18,489
Machinery, except electrical	533,286	603,029	652,961	717,561	721,646	764,669	5,221	4,076	4,248	2,958	6,552	7,921
Electric and electronic equipment	606,148	662,158	768,233	796,528	906,929	992,272	621	766	2,453	3,361	3,670	(D)
Transportation equip. excl. motor vehicles	814,131	915,713	997,485	1,121,263	1,067,453	990,710	9,057	14,542	16,209	16,009	18,907	21,981
Motor vehicles and equipment	618,035	719,015	746,043	740,768	782,491	614,164	(D)	(D)	760	821	(D)	(D)
Stone, clay, and glass products	424,997	464,030	514,525	536,626	560,118	559,112	31,225	37,078	38,620	40,240	48,487	57,709
Instruments and related products	119,217	132,470	144,205	149,158	172,771	197,310	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	113,314	119,069	122,499	130,464	143,648	143,811	11,746	11,419	11,714	12,096	15,010	11,399
Transportation and public utilities	5,020,921	5,452,813	5,959,126	6,530,096	6,896,368	7,037,765	862,433	903,390	983,619	1,108,447	1,200,215	1,307,773
Railroad transportation	447,049	435,822	418,973	407,041	417,273	396,939	0	0	0	0	0	0
Trucking and warehousing	1,124,719	1,184,382	1,288,355	1,409,049	1,533,196	1,580,158	77,389	81,172	88,287	93,998	103,973	117,445
Water transportation	58,290	61,357	67,266	61,912	64,061	63,271	72,817	76,902	77,426	93,882	101,738	109,133
Other transportation[8]	1,371,976	1,522,744	1,623,120	1,787,241	1,869,664	1,870,251	380,701	395,153	451,931	522,371	567,559	644,688
Communication	1,224,399	1,352,915	1,450,955	1,685,779	1,807,920	1,894,660	241,371	248,207	254,905	281,052	300,215	296,894
Electric, gas, and sanitary services	794,488	895,593	1,110,457	1,179,074	1,204,254	1,232,486	90,155	101,956	111,070	117,144	126,730	139,613
Wholesale trade	4,857,448	5,494,150	5,776,169	6,256,759	7,029,580	7,535,178	407,874	441,550	464,519	506,605	556,286	615,706
Retail trade	5,423,734	5,999,600	6,475,322	7,018,415	7,596,113	7,866,902	1,179,429	1,254,069	1,333,552	1,486,390	1,664,839	1,845,797
Finance, insurance, and real estate	3,062,564	3,510,409	4,096,778	4,818,518	5,105,162	5,281,462	690,460	738,566	836,156	972,056	1,028,741	1,119,170
Banking and credit agencies	1,055,226	1,210,502	1,412,821	1,565,291	1,680,213	1,769,226	223,631	245,970	278,940	298,600	316,246	346,702
Other finance, insurance, and real estate[9]	2,007,338	2,299,907	2,683,957	3,253,227	3,424,949	3,512,236	466,829	492,596	557,216	673,456	712,495	772,468
Services	9,321,100	10,623,556	12,285,946	13,950,162	15,786,091	17,500,718	2,489,401	2,718,142	3,007,475	3,340,708	3,842,040	4,318,143
Hotels and other lodging places	401,330	437,605	484,879	535,685	568,134	593,780	504,459	533,691	574,746	647,730	772,084	870,273
Personal services	403,586	491,093	548,737	595,862	680,357	785,209	90,748	108,989	116,995	122,171	137,419	159,064
Private households	309,304	316,096	320,579	325,902	348,798	369,196	32,182	32,656	32,798	33,192	35,453	37,575
Business services	1,773,301	2,068,899	2,413,530	2,783,621	3,272,210	3,775,535	375,603	426,894	485,874	544,026	620,871	717,322
Auto repair, services, and garages	455,166	515,405	572,889	619,460	661,111	704,871	107,427	110,572	118,185	126,067	131,757	145,376
Miscellaneous repair services	191,712	174,213	204,962	226,238	253,973	260,662	37,239	33,887	38,508	40,245	49,795	54,811
Amusement and recreation services	160,193	180,449	211,765	243,630	283,521	313,211	75,723	84,760	95,099	108,188	121,914	136,372
Motion pictures	41,984	50,912	57,310	64,600	77,086	90,351	19,216	17,586	19,369	19,711	17,054	21,998
Health services	2,489,737	2,870,166	3,279,254	3,918,646	4,504,809	4,949,319	596,282	652,322	710,836	812,250	946,578	1,033,745
Legal services	776,303	886,676	1,048,705	1,170,903	1,345,327	1,471,054	193,846	217,906	238,251	267,927	308,877	325,084
Educational services	361,351	408,447	455,429	506,829	562,522	617,819	98,930	105,466	117,274	123,221	134,261	146,759
Social services	175,063	195,136	225,499	252,305	286,342	318,385	53,103	60,245	65,633	73,653	78,873	94,211
Museums, botanical, zoological gardens	2,571	3,817	4,516	5,152	6,413	8,416	5,845	6,582	6,995	7,981	9,188	10,737
Membership organizations	405,012	422,141	437,414	474,647	525,355	553,149	100,260	110,221	118,546	122,321	124,625	135,262
Miscellaneous services	1,374,487	1,602,501	2,020,478	2,226,682	2,410,133	2,689,761	198,538	216,365	268,366	292,025	353,291	429,554
Government and government enterprises	9,184,123	9,902,826	10,556,139	11,377,916	12,288,034	13,258,975	3,224,683	3,432,373	3,522,111	3,666,661	3,893,058	4,135,790
Federal, civilian	2,288,747	2,493,657	2,483,442	2,633,275	2,853,120	3,013,950	918,809	966,851	949,742	991,853	1,041,837	1,086,334
Military	1,372,623	1,429,607	1,511,598	1,556,392	1,605,075	1,653,977	1,174,848	1,273,806	1,294,632	1,326,173	1,352,253	1,393,820
State and local	5,522,753	5,979,562	6,561,099	7,188,249	7,829,839	8,591,048	1,131,026	1,191,716	1,277,737	1,348,635	1,498,968	1,655,636

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Idaho						Illinois					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**10,357,253**	**10,868,939**	**11,198,124**	**11,841,301**	**12,750,378**	**13,953,031**	**161,425,549**	**169,967,941**	**178,528,278**	**189,659,239**	**204,693,445**	**220,021,480**
Nonfarm personal income	9,836,036	10,377,478	10,649,255	11,128,598	12,000,421	13,077,272	159,991,791	168,228,641	176,836,140	188,013,577	203,280,393	217,702,725
Farm income[1]	521,217	491,461	548,869	712,703	749,957	875,759	1,433,758	1,739,300	1,692,138	1,645,662	1,413,052	2,318,755
Population (thousands)[2]	999.8	1,004.1	1,003.1	999.8	1,002.8	1,014.0	11,524.6	11,537.5	11,554.2	11,585.1	11,614.7	11,659.7
Per capita personal income (dollars)	**10,360**	**10,825**	**11,164**	**11,843**	**12,715**	**13,760**	**14,007**	**14,732**	**15,451**	**16,371**	**17,624**	**18,870**
Derivation of total personal income:												
Total earnings by place of work	7,490,005	7,781,415	7,971,316	8,571,287	9,315,933	10,141,775	117,129,183	123,917,930	131,397,295	141,248,414	153,314,589	162,469,671
Less: Personal contributions for social insurance[3]	471,389	521,343	515,977	536,548	593,185	668,854	7,054,483	7,828,553	8,523,725	9,002,771	10,189,408	11,130,594
Plus: Adjustment for residence	58,347	64,643	71,906	73,351	73,534	75,329	70,754	93,400	−42,840	−48,656	−1,902	70,054
Equals: Net earnings by place of residence	7,076,963	7,324,715	7,527,245	8,108,090	8,796,282	9,548,250	110,145,454	116,182,777	122,830,730	132,196,987	143,123,279	151,409,131
Plus: Dividends, interest, and rent[5]	1,736,259	1,848,992	1,874,495	1,856,381	1,942,448	2,251,117	29,147,055	30,259,428	31,260,971	31,909,407	34,625,764	39,782,540
Plus: Transfer payments	1,544,031	1,695,232	1,796,384	1,876,830	2,011,648	2,153,664	22,133,040	23,525,736	24,436,577	25,552,845	26,944,402	28,829,809
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,583,085	5,868,606	5,925,126	6,173,925	6,680,075	7,207,514	95,338,235	100,664,722	106,561,038	113,966,317	123,797,715	130,251,160
Other labor income	525,316	528,063	530,623	555,019	600,845	664,449	9,660,632	9,823,496	10,431,369	11,023,200	11,884,546	12,672,027
Proprietors' income[6]	1,381,604	1,384,746	1,515,567	1,842,343	2,035,013	2,269,812	12,130,316	13,429,712	14,404,888	16,258,897	17,632,328	19,546,484
Farm	373,776	346,691	406,007	562,877	600,525	725,116	1,193,764	1,500,908	1,456,927	1,399,024	1,168,146	2,071,927
Nonfarm	1,007,828	1,038,055	1,109,560	1,279,466	1,434,488	1,544,696	10,936,552	11,928,804	12,947,961	14,859,873	16,464,182	17,474,557
Earnings by industry:												
Farm	521,217	491,461	548,869	712,703	749,957	875,759	1,433,758	1,739,300	1,692,138	1,645,662	1,413,052	2,318,755
Nonfarm	6,968,788	7,289,954	7,422,447	7,858,584	8,565,976	9,266,016	115,695,425	122,178,630	129,705,157	139,602,752	151,901,537	160,150,916
Private	5,692,804	5,928,685	6,021,376	6,383,820	6,986,821	7,587,297	100,523,513	106,254,010	112,822,167	121,840,560	132,977,260	140,229,103
Agricultural services, forestry, fisheries, and other[7]	88,177	86,099	77,348	107,147	119,520	127,261	416,885	405,679	414,798	578,525	643,382	689,880
Agricultural services	67,524	70,701	69,845	97,258	110,666	118,201	396,525	387,606	399,420	559,761	621,679	668,823
Forestry, fisheries, and other[7]	20,653	15,398	7,503	9,889	8,854	9,060	20,360	18,073	15,378	18,764	21,703	21,057
Mining	157,268	148,024	117,937	99,120	133,161	150,630	1,295,907	1,374,007	1,071,689	1,010,772	1,047,930	1,048,003
Coal mining	93	91	112	117	153	76	700,707	687,312	651,309	606,282	585,902	587,752
Oil and gas extraction	12,333	16,945	5,888	5,388	8,726	8,664	430,118	508,405	230,560	(D)	271,265	270,783
Metal mining	102,062	95,041	70,788	60,685	83,009	100,703	1,266	327	95	(D)	963	673
Nonmetallic minerals, except fuels	42,780	35,947	41,149	32,930	41,273	41,187	163,816	177,963	189,725	189,734	189,800	188,795
Construction	654,507	653,095	634,973	629,713	680,110	728,995	6,608,417	7,061,709	7,627,522	8,344,811	9,164,017	9,689,389
Manufacturing	1,299,858	1,359,916	1,368,861	1,470,647	1,634,077	1,781,717	28,069,334	28,419,398	28,775,554	29,652,187	32,485,005	33,327,359
Nondurable goods	581,797	624,735	627,855	650,257	695,728	722,262	10,287,938	10,573,481	10,968,741	11,476,950	12,401,128	12,611,733
Food and kindred products	327,814	336,907	329,145	345,595	378,774	392,218	2,663,355	2,678,197	2,787,756	2,830,905	3,053,143	3,021,443
Textile mill products	302	356	223	302	412	1,565	49,188	54,057	63,005	60,257	74,540	70,554
Apparel and other textile products	2,517	3,900	4,516	4,715	5,187	4,750	280,401	281,003	288,132	280,035	310,160	313,733
Paper and allied products	63,487	68,781	73,028	75,441	77,805	82,875	837,510	841,487	895,261	950,686	1,030,404	1,043,441
Printing and publishing	59,110	69,184	71,634	75,958	80,200	83,327	2,774,393	2,917,645	2,960,787	3,154,077	3,442,776	3,527,189
Chemicals and allied products	112,021	122,851	124,909	123,561	136,502	142,875	1,991,708	2,079,966	2,171,151	2,281,026	2,526,743	2,643,173
Petroleum and coal products	108	(L)	(L)	97	132	628	417,232	419,637	456,735	493,662	529,777	501,928
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	14,830	13,660	11,901	12,068	12,157	142
Rubber and misc. plastic products	14,905	20,748	21,787	21,399	13,879	11,045	1,168,531	1,203,566	1,252,615	1,323,436	1,325,683	1,395,719
Leather and leather products	1,519	1,975	2,566	3,170	2,819	2,960	90,790	84,263	81,398	90,798	95,745	94,411
Durable goods	718,061	735,181	741,006	820,390	938,349	1,059,455	17,781,396	17,845,917	17,806,813	18,175,237	20,083,877	20,715,626
Lumber and wood products	409,914	411,978	427,874	465,386	500,776	549,752	212,126	221,530	220,012	245,450	297,187	323,365
Furniture and fixtures	7,875	8,501	7,095	8,406	9,281	10,353	395,518	402,427	392,862	442,404	462,165	467,478
Primary metal industries	4,674	1,952	2,128	2,205	2,783	5,894	2,058,690	1,978,774	1,943,044	1,930,376	2,161,547	2,225,895
Fabricated metal products	38,951	41,769	43,751	45,078	49,297	56,904	3,207,574	3,319,063	3,404,773	3,493,907	3,626,800	3,593,017
Machinery, except electrical	144,017	155,790	144,167	157,001	177,542	205,275	4,686,015	4,838,462	4,634,228	4,818,932	5,377,113	5,528,064
Electric and electronic equipment	72,269	68,719	67,994	86,812	133,779	160,903	3,555,559	3,405,458	3,416,505	3,421,170	3,551,048	3,781,887
Transportation equip. excl. motor vehicles	6,964	8,810	8,691	11,153	12,182	13,714	664,297	652,718	676,076	654,827	744,631	760,562
Motor vehicles and equipment	3,033	6,365	7,838	9,083	13,023	15,141	764,889	787,512	862,456	870,351	1,128,107	1,316,326
Stone, clay, and glass products	20,530	20,555	20,087	21,074	22,112	23,707	720,793	723,999	709,296	736,872	865,097	832,944
Instruments and related products	2,324	2,734	2,858	3,890	4,758	4,998	936,395	1,003,156	977,956	951,255	1,200,337	1,222,306
Miscellaneous manufacturing industries	7,510	8,008	8,523	10,302	12,816	12,814	579,540	512,818	569,605	609,693	669,845	663,782
Transportation and public utilities	573,559	598,435	585,809	579,949	622,343	671,858	9,188,169	9,732,622	10,309,340	10,922,766	11,487,910	11,782,770
Railroad transportation	109,070	112,883	98,034	86,622	92,791	105,543	991,020	932,442	932,468	948,462	917,995	901,832
Trucking and warehousing	203,280	206,492	202,430	210,614	220,370	240,806	2,410,473	2,440,126	2,527,037	2,763,080	2,954,762	3,028,010
Water transportation	1,795	1,739	2,047	2,564	(D)	3,675	86,549	85,325	84,432	88,231	95,453	96,207
Other transportation[8]	35,323	37,693	39,884	45,465	(D)	59,063	1,862,744	2,033,235	2,374,955	2,529,868	2,737,875	2,904,654
Communication	113,601	118,061	116,610	119,896	122,271	124,355	2,158,187	2,401,899	2,482,920	2,661,383	2,720,720	2,692,497
Electric, gas, and sanitary services	110,490	121,567	126,804	114,788	131,136	138,416	1,679,196	1,839,595	1,907,528	1,931,742	2,061,105	2,159,570
Wholesale trade	419,756	420,971	424,606	449,554	478,881	533,602	9,396,429	10,002,825	10,468,449	11,230,116	12,183,393	13,316,692
Retail trade	789,708	810,941	819,765	852,735	932,444	1,005,605	10,589,053	11,132,138	11,784,636	12,706,990	13,668,872	14,350,548
Finance, insurance, and real estate	323,843	333,924	355,191	418,257	409,203	419,336	8,952,142	9,648,443	10,646,051	12,899,515	13,786,820	13,855,333
Banking and credit agencies	158,402	154,166	158,595	158,702	163,297	171,141	2,965,210	3,021,800	3,336,613	3,588,773	3,893,430	4,057,664
Other finance, insurance, and real estate[9]	165,441	179,758	196,596	259,555	245,906	248,195	5,986,932	6,626,643	7,309,438	9,310,742	9,893,390	9,797,669
Services	1,386,128	1,517,280	1,636,886	1,776,698	1,977,082	2,168,293	26,007,177	28,477,189	31,724,128	34,494,878	38,509,931	42,169,129
Hotels and other lodging places	44,175	46,917	48,887	54,547	56,919	57,268	523,735	532,587	555,169	633,346	699,159	748,443
Personal services	73,583	89,199	93,869	95,416	111,807	130,204	1,084,801	1,295,256	1,432,878	1,511,297	1,745,192	1,953,278
Private households	(D)	(D)	(D)	(D)	15,850	16,716	276,691	276,992	275,325	274,636	289,771	303,463
Business services	329,752	373,302	386,337	414,954	461,786	520,916	6,424,281	7,385,407	8,483,752	9,406,691	10,447,399	11,582,884
Auto repair, services, and garages	81,624	90,777	95,837	102,128	109,439	121,566	964,021	1,056,624	1,169,302	1,221,219	1,325,355	1,420,087
Miscellaneous repair services	45,542	41,611	48,128	46,202	53,743	60,340	464,114	430,308	500,900	472,741	589,617	664,228
Amusement and recreation services	21,856	24,349	(D)	31,866	37,416	40,894	455,689	485,369	552,798	603,672	652,156	695,621
Motion pictures	6,438	4,670	(D)	4,279	4,597	5,484	192,195	202,635	217,279	213,305	254,659	283,377
Health services	389,167	425,122	457,515	527,067	585,529	633,074	7,693,638	8,080,935	8,656,750	9,442,779	10,260,965	10,982,182
Legal services	84,136	92,160	102,978	109,558	122,045	133,852	2,392,075	2,619,907	3,024,214	3,326,793	3,829,446	4,197,528
Educational services	39,785	42,183	46,333	51,942	56,088	61,960	1,186,921	1,303,681	1,367,510	1,439,284	1,590,716	1,712,398
Social services	29,770	32,932	35,830	39,666	44,612	51,347	581,589	653,105	740,999	831,860	946,173	1,054,511
Museums, botanical, zoological gardens	(D)	(D)	122	(D)	312	374	49,025	54,377	60,716	69,158	77,462	81,935
Membership organizations	76,449	78,046	79,610	84,062	93,495	99,089	1,258,894	1,301,573	1,398,192	1,543,848	1,727,188	1,859,666
Miscellaneous services	148,523	160,609	193,274	199,674	223,444	235,209	2,459,508	2,798,433	3,288,344	3,504,249	4,074,673	4,629,528
Government and government enterprises	1,275,984	1,361,269	1,401,071	1,474,764	1,579,155	1,678,719	15,171,912	15,924,620	16,882,990	17,762,192	18,924,277	19,921,813
Federal, civilian	288,462	302,473	301,558	319,857	350,944	362,200	2,801,504	2,921,434	2,939,827	3,152,134	3,411,165	3,588,568
Military	130,031	133,294	144,040	151,076	149,279	153,629	864,011	957,866	1,035,292	1,019,246	1,010,296	1,039,932
State and local	857,491	925,502	955,473	1,003,831	1,078,932	1,162,890	11,506,397	12,045,320	12,907,871	13,590,812	14,502,816	15,293,313

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Indiana						Iowa					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**65,014,516**	**68,337,626**	**72,415,257**	**76,907,230**	**82,238,946**	**88,498,787**	**34,763,303**	**36,216,796**	**37,738,515**	**39,149,193**	**41,017,904**	**44,536,572**
Nonfarm personal income	64,097,989	67,535,493	71,484,524	75,930,774	81,594,040	87,396,057	33,175,674	34,149,594	35,006,604	36,488,029	38,936,882	42,093,598
Farm income[1]	916,527	802,133	930,733	976,456	644,906	1,102,730	1,587,629	2,067,202	2,731,911	2,661,164	2,081,022	2,442,974
Population (thousands)[2]	5,492.7	5,500.4	5,503.0	5,529.7	5,556.5	5,590.4	2,904.4	2,881.4	2,840.2	2,823.0	2,833.9	2,843.3
Per capita personal income (dollars)	**11,837**	**12,424**	**13,159**	**13,908**	**14,801**	**15,830**	**11,969**	**12,569**	**13,287**	**13,868**	**14,474**	**15,664**
Derivation of total personal income:												
Total earnings by place of work	47,288,624	49,794,825	52,718,580	56,773,742	61,005,469	65,151,147	23,394,270	24,369,885	25,783,410	27,417,234	28,987,883	31,139,280
Less: Personal contributions for social insurance[3]	2,619,311	2,921,236	3,111,451	3,267,706	3,679,383	4,056,344	1,355,193	1,468,611	1,565,358	1,728,244	1,954,951	2,185,419
Plus: Adjustment for residence	666,486	753,897	976,726	983,328	1,017,984	943,608	234,975	297,335	282,111	265,587	327,576	338,488
Equals: Net earnings by place of residence	45,335,799	47,627,486	50,583,855	54,489,364	58,344,070	62,038,411	22,274,052	23,198,609	24,500,163	25,954,577	27,360,508	29,292,349
Plus: Dividends, interest, and rent[5]	10,542,518	11,093,661	11,483,079	11,620,754	12,359,618	14,186,512	7,353,349	7,506,325	7,544,263	7,331,856	7,468,741	8,521,096
Plus: Transfer payments	9,136,199	9,616,479	10,348,323	10,797,112	11,535,258	12,273,864	5,135,902	5,511,862	5,694,089	5,862,760	6,188,655	6,723,127
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	38,370,717	40,667,211	42,853,298	46,041,380	49,734,379	52,657,194	17,301,018	17,753,160	18,281,683	19,623,343	21,218,209	22,609,337
Other labor income	4,273,310	4,279,549	4,496,763	4,717,105	5,075,597	5,445,791	1,751,492	1,704,512	1,784,217	1,894,820	2,042,736	2,207,097
Proprietors' income[6]	4,644,597	4,848,065	5,368,519	6,015,257	6,195,493	7,048,162	4,341,760	4,912,213	5,717,510	5,899,071	5,726,938	6,322,846
Farm	742,887	634,686	769,052	811,895	485,203	947,120	1,311,338	1,803,103	2,477,763	2,404,656	1,832,875	2,203,612
Nonfarm	3,901,710	4,213,379	4,599,467	5,203,362	5,710,290	6,101,042	3,030,422	3,109,110	3,239,747	3,494,415	3,894,063	4,119,234
Earnings by industry:												
Farm	916,527	802,133	930,733	976,456	644,906	1,102,730	1,587,629	2,067,202	2,731,911	2,661,164	2,081,022	2,442,974
Nonfarm	46,372,097	48,992,692	51,787,847	55,797,286	60,360,563	64,048,417	21,806,641	22,302,683	23,051,499	24,756,070	26,906,861	28,696,306
Private	40,492,315	42,677,834	45,063,714	48,618,963	52,631,428	55,779,119	18,321,516	18,621,947	19,220,716	20,684,236	22,526,959	24,050,573
Agricultural services, forestry, fisheries, and other[7]	151,390	152,915	148,713	221,442	235,096	254,202	223,985	186,035	157,661	262,440	267,753	271,529
Agricultural services	147,436	148,890	145,182	218,795	232,397	251,625	216,114	180,599	154,251	258,538	264,160	268,399
Forestry, fisheries, and other[7]	3,954	4,025	3,531	2,647	2,699	2,577	7,871	5,436	3,410	3,902	3,593	3,130
Mining	454,467	480,528	383,266	369,181	378,826	396,771	88,057	104,061	66,607	75,391	83,003	81,459
Coal mining	303,362	295,218	258,612	(D)	230,281	239,628	5,399	5,385	5,596	(D)	(D)	3,310
Oil and gas extraction	(D)	115,717	45,567	45,267	59,454	67,261	39,460	54,481	17,160	(D)	(D)	26,270
Metal mining	(D)	124	180	(D)	257	272	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	64,266	69,469	78,907	83,480	88,834	89,610	43,216	44,222	43,863	52,225	54,690	51,835
Construction	2,562,728	2,817,606	3,098,913	3,349,302	3,767,313	4,003,665	1,204,934	1,180,582	1,196,714	1,208,891	1,359,700	1,435,931
Manufacturing	17,294,267	17,728,382	18,063,812	18,937,785	20,310,632	21,207,279	5,473,756	5,405,465	5,457,394	5,983,033	6,429,846	6,771,382
Nondurable goods	4,067,475	4,258,222	4,414,744	4,783,352	5,068,100	5,329,968	2,070,233	2,055,131	2,122,309	2,298,127	2,446,619	2,591,298
Food and kindred products	828,960	862,760	856,745	891,324	905,812	905,502	1,021,842	1,009,003	1,026,028	1,131,775	1,161,826	1,238,198
Textile mill products	13,024	13,091	14,899	17,847	18,579	20,729	12,908	12,835	14,866	16,500	18,111	8,758
Apparel and other textile products	131,322	132,122	130,240	141,068	157,674	167,249	56,267	64,165	65,137	65,521	73,274	79,968
Paper and allied products	299,285	310,019	325,541	345,939	377,968	393,782	98,271	108,319	125,898	136,865	148,292	125,519
Printing and publishing	666,333	723,425	773,487	831,469	891,171	955,210	359,630	372,403	397,660	423,293	470,021	492,182
Chemicals and allied products	1,060,145	1,113,663	1,152,338	1,290,074	1,359,777	1,443,278	196,791	197,880	194,817	192,336	206,066	220,289
Petroleum and coal products	182,762	187,257	180,394	186,713	193,997	229,249	5,687	5,407	5,334	5,567	3,666	6,325
Tobacco manufactures	1,136	978	949	902	956	961	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	853,790	885,753	951,347	1,044,668	1,125,809	1,178,102	309,532	275,305	282,099	315,917	353,194	405,002
Leather and leather products	30,718	29,154	28,804	33,348	36,357	35,906	9,287	9,805	10,454	10,330	12,147	15,035
Durable goods	13,226,792	13,470,160	13,649,068	14,154,433	15,242,532	15,877,311	3,403,523	3,350,334	3,335,085	3,684,906	3,983,227	4,180,084
Lumber and wood products	384,781	414,937	471,436	530,453	571,795	591,388	94,162	105,662	123,987	143,273	154,503	164,835
Furniture and fixtures	383,322	398,921	424,228	443,779	477,756	511,331	94,209	104,602	109,604	124,920	135,700	162,933
Primary metal industries	2,867,735	2,785,244	2,613,749	2,646,482	2,867,087	3,115,505	284,536	258,766	265,306	259,038	280,491	309,738
Fabricated metal products	1,331,378	1,398,933	1,413,183	1,474,196	1,591,342	1,643,151	394,685	397,199	402,707	430,144	480,378	505,074
Machinery, except electrical	1,898,333	1,892,742	1,845,399	1,934,597	2,179,086	2,260,943	1,456,545	1,392,566	1,264,842	1,438,390	1,545,086	1,613,386
Electric and electronic equipment	2,555,394	2,629,844	2,634,809	2,580,338	2,777,018	2,870,038	508,675	535,042	601,221	664,655	715,537	742,889
Transportation equip. excl. motor vehicles	1,011,926	1,009,489	1,023,607	1,066,381	1,066,123	1,027,638	22,196	19,721	21,447	26,882	47,805	55,708
Motor vehicles and equipment	1,798,783	1,915,196	2,112,259	2,278,905	2,387,123	2,439,316	225,681	214,003	226,730	250,153	279,691	277,604
Stone, clay, and glass products	484,523	493,376	525,137	558,118	593,552	635,486	120,030	109,774	119,907	145,491	154,143	159,707
Instruments and related products	297,593	309,114	368,015	409,377	464,022	500,064	62,232	69,763	71,037	83,739	62,551	62,762
Miscellaneous manufacturing industries	213,024	222,364	217,246	231,807	267,628	282,451	140,572	143,236	128,297	118,221	127,342	125,448
Transportation and public utilities	3,354,592	3,501,933	3,772,129	4,114,567	4,320,886	4,515,569	1,646,252	1,646,735	1,729,606	1,773,188	1,908,965	1,990,164
Railroad transportation	386,619	385,446	364,479	343,960	352,374	351,300	234,803	221,795	214,535	207,599	220,846	237,814
Trucking and warehousing	1,210,024	1,274,691	1,402,118	1,552,358	1,693,085	1,794,653	688,530	657,890	680,567	718,352	761,942	796,035
Water transportation	28,209	29,947	30,896	47,541	52,559	57,354	4,787	4,300	5,843	7,085	7,725	7,151
Other transportation[8]	251,986	267,684	324,664	365,999	391,873	437,445	75,883	84,728	106,248	110,443	119,347	120,965
Communication	695,927	726,244	761,332	812,321	865,854	885,252	314,011	324,680	344,107	376,013	408,774	415,635
Electric, gas, and sanitary services	781,827	817,921	888,640	992,388	965,141	989,565	328,238	353,342	378,306	353,696	390,331	412,564
Wholesale trade	2,506,399	2,673,853	2,850,087	3,055,212	3,316,659	3,580,361	1,681,490	1,712,346	1,697,772	1,787,764	1,970,169	2,132,018
Retail trade	4,496,078	4,706,841	4,998,055	5,355,754	5,787,015	6,124,522	2,313,105	2,322,454	2,373,646	2,457,232	2,698,225	2,870,700
Finance, insurance, and real estate	2,041,208	2,173,317	2,419,055	2,910,205	2,949,733	3,053,667	1,332,842	1,373,863	1,468,625	1,714,468	1,753,433	1,841,694
Banking and credit agencies	798,149	855,477	944,267	1,011,498	1,057,230	1,126,491	517,050	524,414	546,643	562,100	605,261	644,727
Other finance, insurance, and real estate[9]	1,243,059	1,317,840	1,474,788	1,898,707	1,892,503	1,927,176	815,792	849,449	921,982	1,152,368	1,148,172	1,196,967
Services	7,631,186	8,442,459	9,329,684	10,305,515	11,565,268	12,643,083	4,357,095	4,690,406	5,072,691	5,421,829	6,055,865	6,655,696
Hotels and other lodging places	172,287	187,639	198,182	222,045	232,904	250,068	83,431	90,154	86,801	98,975	108,279	112,204
Personal services	447,117	561,545	604,827	635,142	741,919	838,785	246,601	301,717	318,443	330,867	394,613	446,508
Private households	105,403	105,494	104,937	104,933	110,774	116,170	70,448	69,872	68,657	67,893	71,559	74,908
Business services	970,334	1,178,175	1,376,061	1,586,390	1,835,973	2,017,176	803,221	923,649	1,023,263	1,090,356	1,220,237	1,374,959
Auto repair, services, and garages	416,469	470,770	512,166	544,340	586,730	628,887	229,299	245,524	254,928	259,754	279,576	297,657
Miscellaneous repair services	192,293	190,136	219,415	204,439	234,826	256,695	100,827	92,502	106,878	101,661	118,207	130,542
Amusement and recreation services	140,783	162,139	187,640	207,666	235,635	253,108	60,720	67,845	79,483	84,014	90,161	102,765
Motion pictures	26,820	29,669	30,048	29,761	33,195	37,512	11,652	12,180	13,147	13,783	16,262	17,085
Health services	3,171,428	3,407,377	3,669,008	4,144,982	4,576,947	4,965,964	1,581,649	1,657,264	1,753,590	1,951,683	2,155,557	2,365,456
Legal services	485,809	528,224	595,424	622,749	720,666	797,993	351,557	373,138	419,742	417,084	482,669	523,303
Educational services	347,233	374,201	415,133	436,371	472,954	510,265	205,593	223,497	254,590	266,302	287,218	308,875
Social services	224,713	245,477	269,347	307,561	341,741	381,022	129,566	145,268	155,715	166,235	189,937	218,764
Museums, botanical, zoological gardens	7,818	8,476	9,148	9,942	13,077	16,218	1,870	2,196	2,479	2,467	2,956	3,464
Membership organizations	411,548	417,402	433,333	472,299	517,606	540,461	196,009	194,545	198,902	214,160	232,672	243,744
Miscellaneous services	511,131	575,735	705,015	776,895	910,321	1,032,759	284,652	291,055	336,073	356,595	405,962	435,462
Government and government enterprises	5,879,782	6,314,858	6,724,133	7,178,323	7,729,135	8,269,298	3,485,125	3,680,736	3,830,783	4,071,834	4,379,902	4,645,733
Federal, civilian	1,100,779	1,176,079	1,196,135	1,263,612	1,360,245	1,451,339	490,842	518,604	528,604	565,605	602,401	625,489
Military	256,258	285,940	317,537	333,123	333,869	335,264	59,201	63,247	71,549	78,674	81,078	83,005
State and local	4,522,745	4,852,839	5,210,461	5,581,588	6,035,021	6,482,695	2,935,082	3,098,885	3,230,630	3,427,555	3,696,423	3,937,239

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Kansas						Kentucky					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**31,788,624**	**33,818,510**	**35,595,744**	**37,045,902**	**39,178,053**	**41,511,244**	**38,732,439**	**40,101,991**	**41,955,708**	**44,589,203**	**47,934,166**	**51,512,737**
Nonfarm personal income	30,871,325	32,532,581	33,968,033	35,491,608	37,774,690	40,445,751	37,530,726	39,191,046	41,196,256	43,682,804	46,915,061	50,264,045
Farm income[1]	917,299	1,285,929	1,627,711	1,554,294	1,403,363	1,065,493	1,201,713	910,945	759,452	906,399	1,019,105	1,248,692
Population (thousands)[2]	2,442.2	2,449.9	2,459.9	2,475.3	2,495.6	2,511.9	3,720.2	3,728.5	3,721.9	3,722.6	3,726.2	3,726.7
Per capita personal income (dollars)	**13,017**	**13,804**	**14,470**	**14,966**	**15,699**	**16,526**	**10,411**	**10,755**	**11,273**	**11,978**	**12,864**	**13,823**
Derivation of total personal income:												
Total earnings by place of work	22,181,931	23,496,979	24,985,296	26,119,478	27,584,401	28,578,843	27,469,108	28,285,268	29,513,577	31,934,207	34,478,073	36,709,038
Less: Personal contributions for social insurance[3]	1,300,900	1,433,539	1,553,211	1,631,052	1,737,707	1,899,988	1,420,993	1,573,257	1,698,684	1,831,839	2,061,596	2,279,427
Plus: Adjustment for residence	706,670	821,136	828,204	966,609	958,224	1,046,718	207,249	219,574	279,530	267,233	243,571	247,769
Equals: Net earnings by place of residence	21,587,701	22,884,576	24,260,289	25,455,035	26,804,918	27,725,573	26,255,364	26,931,585	28,094,423	30,369,601	32,660,048	34,677,380
Plus: Dividends, interest, and rent[5]	5,884,874	6,328,586	6,447,433	6,478,981	6,935,767	7,891,949	5,770,424	6,126,901	6,353,123	6,391,804	6,919,385	7,931,436
Plus: Transfer payments	4,316,049	4,605,348	4,888,022	5,111,886	5,437,368	5,893,722	6,706,651	7,043,505	7,508,162	7,827,798	8,354,733	8,903,921
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	17,238,596	18,058,175	18,932,462	19,871,163	21,057,750	22,066,879	21,183,425	22,249,753	23,210,651	25,010,516	26,766,700	28,292,703
Other labor income	1,728,004	1,729,626	1,838,043	1,902,871	2,036,851	2,175,802	2,304,131	2,301,369	2,399,978	2,542,951	2,747,261	2,955,776
Proprietors' income[6]	3,215,331	3,709,178	4,214,791	4,345,444	4,489,800	4,336,162	3,981,552	3,734,146	3,902,948	4,380,740	4,964,112	5,460,559
Farm	751,959	1,125,583	1,472,062	1,393,480	1,245,031	908,850	1,045,219	755,529	603,852	741,683	852,874	1,077,865
Nonfarm	2,463,372	2,583,595	2,742,729	2,951,964	3,244,769	3,427,312	2,936,333	2,978,617	3,299,096	3,639,057	4,111,238	4,382,694
Earnings by industry:												
Farm	917,299	1,285,929	1,627,711	1,554,294	1,403,363	1,065,493	1,201,713	910,945	759,452	906,399	1,019,105	1,248,692
Nonfarm	21,264,632	22,211,050	23,357,585	24,565,184	26,181,038	27,513,350	26,267,395	27,374,323	28,754,125	31,027,808	33,458,968	35,460,346
Private	17,585,185	18,231,977	19,124,699	20,141,272	21,464,488	22,491,178	21,739,176	22,579,675	23,746,278	25,686,670	27,771,432	29,475,033
Agricultural services, forestry, fisheries, and other[7]	108,960	101,942	96,212	141,614	147,309	156,030	139,998	146,419	154,559	197,774	212,184	214,500
Agricultural services	107,638	100,097	94,503	139,803	145,360	154,728	137,516	143,932	152,042	195,408	209,547	211,777
Forestry, fisheries, and other[7]	1,322	1,845	1,709	1,811	1,949	1,302	2,482	2,487	2,517	2,366	2,637	2,723
Mining	528,138	520,925	359,441	333,095	328,121	324,507	1,798,984	1,749,773	1,626,024	1,547,050	1,496,392	1,490,047
Coal mining	15,910	16,033	13,135	13,942	(D)	10,736	1,623,492	1,558,142	1,486,288	1,410,466	1,347,063	1,343,367
Oil and gas extraction	485,933	478,259	317,261	290,538	289,205	287,513	124,745	140,200	82,300	79,289	85,301	83,978
Metal mining	(L)	(L)	(L)	186	(D)	216	−71	(L)	(L)	404	408	480
Nonmetallic minerals, except fuels	26,338	26,660	29,050	28,429	27,887	26,042	50,818	51,417	57,390	56,891	63,620	62,222
Construction	1,413,643	1,406,962	1,524,231	1,582,827	1,577,140	1,536,618	1,508,934	1,550,151	1,706,427	1,927,218	2,075,303	2,155,731
Manufacturing	4,464,030	4,576,850	4,853,858	4,983,113	5,259,120	5,452,838	6,423,496	6,566,453	6,726,306	7,188,187	7,752,335	8,147,665
Nondurable goods	1,602,652	1,686,355	1,788,284	1,877,778	1,956,437	2,006,372	2,604,773	2,689,115	2,807,632	2,998,700	3,230,696	3,378,360
Food and kindred products	582,263	621,460	655,023	682,679	679,626	675,514	465,933	466,660	477,447	497,793	520,270	534,328
Textile mill products	1,142	2,264	3,220	5,659	6,061	5,328	93,611	90,658	100,361	116,883	118,841	176,195
Apparel and other textile products	46,142	44,595	46,634	48,223	54,934	51,647	313,457	322,745	334,539	365,798	409,957	413,146
Paper and allied products	91,984	96,242	98,514	103,390	111,408	146,525	188,462	198,075	210,115	235,405	253,001	288,110
Printing and publishing	344,644	359,460	383,634	399,987	447,728	458,920	326,909	367,376	403,641	419,501	460,811	486,111
Chemicals and allied products	228,408	241,955	265,658	280,606	279,129	282,050	440,975	454,462	472,108	482,209	527,785	559,561
Petroleum and coal products	121,221	118,201	124,873	132,234	133,660	131,656	161,624	168,090	173,052	204,827	240,104	215,584
Tobacco manufactures	(L)	(L)	139	(L)	(L)	(L)	288,087	279,635	256,359	248,633	245,711	256,327
Rubber and misc. plastic products	183,861	199,009	207,643	222,069	241,237	252,217	297,679	313,267	353,561	397,508	423,067	420,137
Leather and leather products	2,965	3,158	2,946	2,902	2,626	2,487	28,036	28,147	26,449	30,143	31,149	28,861
Durable goods	2,861,378	2,890,495	3,065,574	3,105,335	3,302,683	3,446,466	3,818,723	3,877,338	3,918,674	4,189,487	4,521,639	4,769,305
Lumber and wood products	66,334	63,762	63,721	71,822	74,667	70,659	163,653	173,765	196,892	226,024	251,185	263,963
Furniture and fixtures	26,573	25,796	25,151	25,826	28,710	31,962	93,090	97,626	97,051	95,439	97,075	90,890
Primary metal industries	80,494	73,723	77,254	79,705	88,064	83,388	601,247	575,261	557,477	615,606	653,121	679,637
Fabricated metal products	244,910	256,070	258,698	266,859	291,500	280,475	344,517	357,580	368,380	409,983	445,202	491,224
Machinery, except electrical	446,643	454,706	482,622	496,605	539,049	555,368	931,356	959,471	942,752	960,620	968,660	1,036,817
Electric and electronic equipment	201,191	205,120	205,563	205,378	203,497	215,381	811,468	783,594	810,793	856,860	921,979	923,970
Transportation equip. excl. motor vehicles	1,180,672	1,179,706	1,357,185	1,409,034	1,450,331	1,602,559	37,190	44,813	58,070	69,218	77,182	81,303
Motor vehicles and equipment	315,078	331,345	296,684	249,713	304,854	271,266	519,325	551,218	526,995	568,363	660,210	722,857
Stone, clay, and glass products	188,967	189,969	194,535	189,479	190,454	195,372	175,166	189,470	205,863	221,428	257,346	284,409
Instruments and related products	75,795	74,414	68,976	74,011	93,658	104,083	73,342	72,264	71,888	75,417	87,328	83,374
Miscellaneous manufacturing industries	34,721	35,884	35,185	36,903	37,899	35,953	68,369	72,276	82,513	90,529	102,351	110,861
Transportation and public utilities	2,060,783	2,042,300	2,107,487	2,137,754	2,272,844	2,411,214	2,042,294	2,093,799	2,235,710	2,318,149	2,582,760	2,721,196
Railroad transportation	488,614	463,909	444,612	436,999	427,357	425,448	371,505	360,929	329,631	304,334	311,387	281,443
Trucking and warehousing	620,894	609,427	621,618	629,514	666,383	695,752	678,204	665,726	711,649	729,832	823,381	883,577
Water transportation	378	422	561	636	701	606	52,172	56,894	59,693	62,474	67,370	74,312
Other transportation[8]	190,663	185,761	208,433	204,368	248,753	240,917	137,445	152,540	184,038	289,849	338,893	381,206
Communication	382,978	380,365	420,034	459,302	471,067	558,957	383,562	372,690	401,761	435,605	449,085	457,262
Electric, gas, and sanitary services	377,256	402,416	412,229	406,935	458,583	489,534	419,406	485,020	548,938	496,055	592,644	643,396
Wholesale trade	1,604,432	1,691,575	1,733,609	1,806,473	1,926,088	2,016,644	1,393,161	1,485,420	1,491,321	1,617,946	1,735,239	1,905,851
Retail trade	2,143,132	2,239,465	2,316,008	2,396,213	2,640,027	2,730,820	2,779,923	2,899,191	3,040,189	3,230,777	3,541,340	3,715,732
Finance, insurance, and real estate	1,146,823	1,220,471	1,332,762	1,599,923	1,602,894	1,584,283	1,112,117	1,194,285	1,311,794	1,548,366	1,499,741	1,544,788
Banking and credit agencies	454,703	483,862	519,155	546,601	558,201	578,149	514,963	550,006	592,082	623,884	631,094	662,851
Other finance, insurance, and real estate[9]	692,120	736,609	813,607	1,053,322	1,044,693	1,006,134	597,154	644,279	719,712	924,482	868,647	881,937
Services	4,115,244	4,431,487	4,801,091	5,160,260	5,710,945	6,278,224	4,540,269	4,894,184	5,453,948	6,111,203	6,876,138	7,579,523
Hotels and other lodging places	72,108	78,635	76,306	86,157	91,877	82,518	127,517	132,929	135,426	150,707	159,321	165,046
Personal services	251,719	306,282	329,892	341,879	396,182	441,958	272,916	321,862	357,654	387,420	452,592	519,005
Private households	63,364	63,552	63,443	63,612	67,470	70,778	101,936	102,021	101,356	100,939	106,150	110,663
Business services	835,661	930,836	1,032,174	1,123,690	1,257,078	1,448,494	528,882	598,089	706,049	848,012	980,892	1,115,713
Auto repair, services, and garages	219,697	256,279	268,868	264,808	270,275	285,051	250,670	269,776	300,612	322,495	337,485	362,992
Miscellaneous repair services	155,913	137,859	154,685	163,013	179,466	198,986	103,520	90,605	113,712	123,296	135,378	145,035
Amusement and recreation services	63,204	64,675	72,613	76,058	81,450	90,199	93,853	101,432	115,378	130,308	142,667	161,580
Motion pictures	9,859	10,524	11,057	11,399	13,209	13,908	10,771	11,402	11,425	12,287	14,113	15,107
Health services	1,433,318	1,513,519	1,598,844	1,758,866	1,959,303	2,112,585	1,910,763	2,053,057	2,223,165	2,505,323	2,814,500	3,102,680
Legal services	254,232	272,286	307,070	318,168	357,475	380,051	328,213	344,770	389,604	435,323	497,477	546,816
Educational services	88,355	101,964	111,090	124,725	135,049	148,836	148,154	157,254	172,324	191,734	207,342	222,973
Social services	95,366	105,482	113,171	123,962	137,126	158,276	117,811	123,513	131,492	147,376	159,915	175,572
Museums, botanical, zoological gardens	1,028	1,562	1,696	1,751	2,037	2,339	3,248	3,870	4,227	4,800	5,600	5,750
Membership organizations	159,844	162,702	168,509	178,502	194,449	202,125	198,598	203,972	212,121	232,806	257,351	269,285
Miscellaneous services	411,576	425,330	491,673	523,670	568,499	642,120	343,417	379,632	479,403	518,377	605,355	661,306
Government and government enterprises	3,679,447	3,979,073	4,232,886	4,423,912	4,716,550	5,022,172	4,528,219	4,794,648	5,007,847	5,341,138	5,687,536	5,985,313
Federal, civilian	645,573	687,029	704,797	746,329	824,282	870,546	927,621	988,718	985,037	1,048,348	1,128,358	1,201,220
Military	531,012	591,803	626,029	673,217	691,004	703,335	741,698	788,576	792,583	823,350	840,404	852,971
State and local	2,502,862	2,700,241	2,902,060	3,004,366	3,201,264	3,448,291	2,858,900	3,017,354	3,230,227	3,469,440	3,718,774	3,931,122

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Louisiana						Maine					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**48,798,105**	**50,678,777**	**50,659,014**	**50,885,739**	**54,005,844**	**56,636,191**	**12,915,190**	**13,855,886**	**15,035,637**	**16,621,968**	**18,322,061**	**20,066,258**
Nonfarm personal income	48,370,736	50,376,034	50,296,648	50,358,768	53,147,745	56,067,518	12,807,795	13,759,200	14,952,457	16,486,740	18,209,452	19,931,182
Farm income[1]	427,369	302,743	362,366	526,971	858,099	568,673	107,395	96,686	83,180	135,228	112,609	135,076
Population (thousands)[2]	4,462.5	4,486.0	4,497.5	4,447.9	4,407.8	4,382.5	1,157.9	1,165.6	1,171.8	1,186.1	1,205.6	1,221.9
Per capita personal income (dollars)	**10,935**	**11,297**	**11,264**	**11,440**	**12,252**	**12,923**	**11,154**	**11,888**	**12,832**	**14,014**	**15,197**	**16,422**
Derivation of total personal income:												
Total earnings by place of work	36,557,046	37,174,816	36,221,860	36,464,804	38,952,011	40,296,989	8,944,522	9,639,526	10,525,476	11,826,334	13,102,639	14,114,604
Less: Personal contributions for social insurance[3]	1,988,838	2,133,804	2,228,801	2,298,452	2,531,306	2,745,236	492,964	556,639	591,175	641,376	738,333	825,236
Plus: Adjustment for residence	−379,163	−353,602	−289,250	−239,543	−252,865	−250,699	−5,515	9,090	48,157	55,192	72,883	59,723
Equals: Net earnings by place of residence	34,189,045	34,687,410	33,703,809	33,926,809	36,167,840	37,301,054	8,446,043	9,091,977	9,982,458	11,240,150	12,437,189	13,349,091
Plus: Dividends, interest, and rent[5]	7,204,480	7,784,808	7,865,571	7,646,907	8,007,117	9,079,034	2,087,778	2,234,301	2,419,681	2,659,684	2,969,363	3,504,374
Plus: Transfer payments	7,404,580	8,206,559	9,089,634	9,312,023	9,830,887	10,256,103	2,381,369	2,529,608	2,633,498	2,722,134	2,915,509	3,212,793
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	29,709,642	30,206,725	29,019,405	29,036,253	30,630,006	31,816,649	7,113,339	7,619,778	8,302,897	9,216,029	10,192,403	10,943,096
Other labor income	3,092,868	3,032,537	2,959,114	2,950,615	3,111,996	3,291,242	790,769	806,584	872,331	958,129	1,069,886	1,163,600
Proprietors' income[6]	3,754,536	3,935,554	4,243,341	4,477,936	5,210,009	5,189,098	1,040,414	1,213,164	1,350,248	1,652,176	1,840,350	2,007,908
Farm	313,564	190,091	250,757	409,430	739,952	448,698	57,648	47,562	35,400	85,237	62,251	83,884
Nonfarm	3,440,972	3,745,463	3,992,584	4,068,506	4,470,057	4,740,400	982,766	1,165,602	1,314,848	1,566,939	1,778,099	1,924,024
Earnings by industry:												
Farm	427,369	302,743	362,366	526,971	858,099	568,673	107,395	96,686	83,180	135,228	112,609	135,076
Nonfarm	36,129,677	36,872,073	35,859,494	35,937,833	38,093,912	39,728,316	8,837,127	9,542,840	10,442,296	11,691,106	12,990,030	13,979,528
Private	30,172,352	30,632,614	29,551,775	29,523,956	31,513,508	32,828,448	7,191,614	7,766,956	8,590,764	9,695,522	10,807,951	11,593,413
Agricultural services, forestry, fisheries, and other[7]	163,135	188,779	198,059	200,082	217,502	222,588	79,298	146,660	179,032	183,816	222,675	231,864
Agricultural services	117,224	113,467	104,839	130,494	137,130	141,341	32,124	35,240	39,414	57,928	65,080	69,368
Forestry, fisheries, and other[7]	45,911	75,312	93,220	69,588	80,372	81,247	47,174	111,420	139,618	125,888	157,595	162,496
Mining	2,791,829	2,897,913	2,266,740	2,025,578	2,182,474	2,129,579	24,790	33,125	12,455	12,210	20,945	20,169
Coal mining	(D)	8,141	11,093	8,884	9,981	10,833	124	114	112	131	160	(D)
Oil and gas extraction	2,694,300	2,796,652	2,154,367	1,919,383	2,076,352	2,050,585	20,807	30,224	(D)	8,320	13,211	14,105
Metal mining	(D)	4,479	5,578	6,205	6,963	8,178	974	533	702	944	1,343	(D)
Nonmetallic minerals, except fuels	87,232	88,641	95,702	91,106	89,178	59,983	2,885	2,254	(D)	2,815	6,231	5,263
Construction	3,375,406	3,086,333	2,685,605	2,421,766	2,628,164	2,635,088	605,967	704,347	871,351	1,093,803	1,217,963	1,240,211
Manufacturing	5,180,461	5,221,818	5,071,860	5,133,682	5,523,247	5,816,840	2,383,636	2,389,599	2,516,595	2,651,706	2,882,996	3,017,906
Nondurable goods	3,072,109	3,100,248	3,148,495	3,228,506	3,399,765	3,563,581	1,365,744	1,341,486	1,367,877	1,400,894	1,481,031	1,541,426
Food and kindred products	455,028	440,213	455,705	450,576	462,325	471,999	132,726	137,589	141,392	146,926	154,014	152,595
Textile mill products	26,684	27,185	(D)	44,634	52,377	67,440	120,327	117,828	124,350	129,570	124,004	123,995
Apparel and other textile products	102,691	95,522	91,319	105,706	113,467	126,861	62,093	56,563	58,069	47,837	48,277	(D)
Paper and allied products	397,457	416,176	450,019	456,818	488,207	506,186	600,418	611,547	649,049	656,409	696,084	732,823
Printing and publishing	208,999	232,054	230,323	241,089	250,471	253,651	82,126	92,281	102,324	115,778	130,392	139,280
Chemicals and allied products	1,187,232	1,191,466	1,172,430	1,178,717	1,294,332	1,403,180	23,123	22,683	23,126	24,503	26,595	(D)
Petroleum and coal products	649,993	652,175	663,630	693,001	682,664	672,489	7,724	(D)	7,695	7,799	8,026	(D)
Tobacco manufactures	103	(L)	73	99	99	143	(L)	(D)	(L)	(L)	(L)	(D)
Rubber and misc. plastic products	41,774	43,622	47,921	56,217	54,673	61,488	73,856	77,588	75,919	79,487	87,266	94,606
Leather and leather products	2,148	1,787	(D)	1,649	1,150	144	263,342	218,736	185,945	192,575	206,362	207,181
Durable goods	2,108,352	2,121,570	1,923,365	1,905,176	2,123,482	2,253,259	1,017,892	1,048,113	1,148,718	1,250,812	1,401,965	1,476,480
Lumber and wood products	261,828	261,955	271,992	280,318	288,688	291,793	300,603	307,981	326,200	366,026	377,339	373,105
Furniture and fixtures	11,867	12,422	10,299	10,625	13,365	15,401	(D)	(D)	21,631	25,948	28,332	28,870
Primary metal industries	111,612	102,402	81,815	86,812	96,691	91,699	14,231	17,792	18,787	16,704	17,629	21,398
Fabricated metal products	324,814	336,824	318,430	277,963	317,344	373,327	75,955	74,743	69,098	73,279	78,384	86,673
Machinery, except electrical	264,750	277,331	230,427	223,412	272,939	307,427	98,248	116,582	119,944	123,107	157,663	160,014
Electric and electronic equipment	277,161	289,920	240,645	228,417	228,129	218,828	193,399	202,615	223,321	237,904	245,040	236,879
Transportation equip. excl. motor vehicles	475,680	487,152	453,760	491,332	578,429	616,892	270,649	253,451	303,145	327,362	402,735	472,648
Motor vehicles and equipment	132,127	136,840	122,629	117,507	134,522	133,866	(D)	(D)	2,286	4,216	7,226	8,478
Stone, clay, and glass products	186,610	159,704	140,493	128,796	129,389	136,378	21,304	29,193	34,679	42,064	43,787	42,795
Instruments and related products	19,984	19,294	17,390	20,500	19,996	20,115	9,720	8,710	13,779	17,239	22,293	27,022
Miscellaneous manufacturing industries	41,919	37,726	35,485	39,494	43,990	47,533	14,000	15,092	15,848	16,963	21,537	18,598
Transportation and public utilities	3,354,646	3,394,284	3,271,153	3,184,194	3,346,355	3,460,666	556,172	570,122	574,872	628,229	686,584	726,429
Railroad transportation	246,858	223,528	199,937	178,142	182,963	189,325	60,700	58,115	24,759	20,115	(D)	(D)
Trucking and warehousing	620,080	616,977	624,406	645,880	681,575	686,253	192,811	196,194	217,890	245,890	264,838	287,726
Water transportation	747,225	746,080	627,766	565,629	626,554	671,312	(D)	15,033	15,559	(D)	17,552	17,505
Other transportation[8]	411,373	409,055	411,190	404,589	417,922	446,316	(D)	46,547	53,759	(D)	(D)	(D)
Communication	616,910	616,398	576,233	593,430	583,341	585,743	140,181	142,838	147,932	156,575	162,620	159,993
Electric, gas, and sanitary services	712,200	782,246	831,621	796,524	854,000	881,717	105,352	111,395	114,973	127,235	153,944	170,925
Wholesale trade	2,232,921	2,246,095	2,111,431	2,073,723	2,227,616	2,335,079	435,432	494,681	547,726	619,669	700,669	758,185
Retail trade	3,738,918	3,766,560	3,689,287	3,635,932	3,782,555	3,861,716	995,871	1,081,850	1,219,556	1,358,275	1,544,837	1,657,703
Finance, insurance, and real estate	1,798,526	1,887,520	1,979,027	2,150,796	2,093,103	2,050,895	377,545	414,984	495,359	654,476	658,169	688,581
Banking and credit agencies	815,643	863,847	878,528	842,811	827,007	812,726	148,902	156,526	182,536	201,886	222,706	240,211
Other finance, insurance, and real estate[9]	982,883	1,023,673	1,100,499	1,307,985	1,266,096	1,238,169	228,643	258,458	312,823	452,590	435,463	448,370
Services	7,536,510	7,943,312	8,278,613	8,698,203	9,512,492	10,315,997	1,732,903	1,931,588	2,173,818	2,493,338	2,873,113	3,252,365
Hotels and other lodging places	281,670	274,358	261,738	274,280	271,840	270,629	73,279	81,472	86,802	102,488	113,599	121,038
Personal services	330,472	395,806	406,638	398,580	448,703	498,036	82,048	108,926	121,312	135,820	162,067	191,269
Private households	232,754	233,913	233,001	229,217	238,812	247,550	44,920	45,182	45,114	45,408	48,556	51,296
Business services	1,483,333	1,517,727	1,483,976	1,503,588	1,696,105	1,889,725	165,447	201,191	246,254	300,873	362,199	423,196
Auto repair, services, and garages	280,315	294,339	298,346	289,441	297,123	312,993	85,887	91,283	99,743	119,683	129,896	146,355
Miscellaneous repair services	238,600	207,325	198,323	172,453	185,650	219,967	34,882	33,403	42,735	46,918	54,418	57,535
Amusement and recreation services	145,596	132,226	145,034	135,152	155,173	165,427	27,365	33,662	40,129	46,994	51,024	58,273
Motion pictures	16,482	17,542	17,346	17,748	20,129	22,078	5,012	6,416	4,891	4,728	6,469	6,768
Health services	2,252,152	2,471,675	2,641,356	2,952,167	3,201,332	3,486,899	723,912	783,765	844,585	951,834	1,089,784	1,221,675
Legal services	803,435	880,907	1,010,438	1,104,053	1,208,591	1,257,750	120,166	136,828	159,927	178,931	211,629	239,672
Educational services	298,549	319,087	330,950	362,668	397,725	424,356	81,093	93,415	104,038	115,717	125,081	139,256
Social services	127,671	152,647	163,611	165,009	172,344	184,792	68,826	77,486	87,939	98,752	111,486	129,603
Museums, botanical, zoological gardens	2,785	2,833	2,940	3,170	3,373	3,782	1,409	1,745	1,959	2,034	2,219	2,695
Membership organizations	297,149	285,527	294,981	316,413	352,400	370,322	70,852	72,613	76,323	84,715	95,200	102,611
Miscellaneous services	745,547	757,400	789,935	774,264	863,192	961,691	147,805	164,201	212,067	258,443	309,486	361,123
Government and government enterprises	5,957,325	6,239,459	6,307,719	6,413,877	6,580,404	6,899,868	1,645,513	1,775,884	1,851,532	1,995,584	2,182,079	2,386,115
Federal, civilian	871,670	925,893	927,680	985,748	1,078,679	1,147,865	466,454	493,671	480,978	509,778	549,963	600,220
Military	587,458	622,027	654,774	707,055	727,765	745,081	217,826	234,314	233,935	240,090	251,979	255,587
State and local	4,498,197	4,691,539	4,725,265	4,721,074	4,773,960	5,006,922	961,233	1,047,899	1,136,619	1,245,716	1,380,137	1,530,308

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Maryland						Massachusetts					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income[1]	**64,544,058**	**70,153,609**	**75,684,642**	**82,683,115**	**90,632,757**	**98,159,345**	**88,260,038**	**94,956,954**	**102,800,096**	**112,127,482**	**123,446,689**	**131,472,637**
Nonfarm personal income	64,212,042	69,840,621	75,320,483	82,298,874	90,208,675	97,727,139	88,061,735	94,776,801	102,541,597	111,911,917	123,211,963	131,249,944
Farm income[1]	332,016	312,988	364,159	384,241	424,082	432,206	198,303	180,153	258,499	215,565	234,726	222,693
Population (thousands)[2]	4,348.4	4,392.8	4,461.4	4,535.9	4,622.0	4,690.2	5,792.1	5,819.5	5,834.6	5,855.8	5,889.5	5,912.5
Per capita personal income (dollars)	**14,843**	**15,970**	**16,964**	**18,229**	**19,609**	**20,929**	**15,238**	**16,317**	**17,619**	**19,148**	**20,960**	**22,236**
Derivation of total personal income:												
Total earnings by place of work	41,749,015	45,675,471	49,677,606	54,968,849	60,269,918	64,412,911	64,641,464	70,718,493	77,244,392	85,316,539	94,076,673	97,825,616
Less: Personal contributions for social insurance[3]	2,534,863	2,956,428	3,191,241	3,446,688	3,899,127	4,274,652	3,644,943	4,174,112	4,739,549	4,990,361	5,713,258	6,155,353
Plus: Adjustment for residence	6,295,148	6,893,003	7,299,830	8,146,156	9,086,621	9,835,743	−957,493	−1,204,794	−1,332,971	−1,531,938	−1,726,940	−1,886,950
Equals: Net earnings by place of residence	45,509,300	49,612,046	53,786,195	59,668,317	65,457,412	69,974,002	60,039,028	65,339,587	71,171,872	78,794,240	86,636,475	89,783,313
Plus: Dividends, interest, and rent[5]	10,177,293	11,058,333	11,853,706	12,372,654	13,703,889	15,838,767	15,378,631	16,311,136	17,277,798	18,257,296	20,442,785	23,295,714
Plus: Transfer payments	8,857,465	9,483,230	10,044,741	10,642,144	11,471,456	12,346,576	12,842,379	13,306,231	14,350,426	15,075,946	16,367,429	18,393,610
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	35,287,316	38,573,447	41,864,998	46,120,358	50,511,966	53,867,971	53,727,539	58,706,617	63,955,901	70,421,622	77,445,356	80,296,774
Other labor income	3,166,967	3,286,619	3,562,039	3,853,756	4,149,538	4,522,784	5,395,462	5,597,417	6,021,904	6,440,332	7,019,493	7,348,094
Proprietors' income[6]	3,294,732	3,815,405	4,250,569	4,994,735	5,608,414	6,022,156	5,518,463	6,414,459	7,266,587	8,454,585	9,611,824	10,180,748
Farm	258,554	241,050	293,160	310,141	350,567	358,073	150,098	133,078	212,606	168,016	187,370	175,194
Nonfarm	3,036,178	3,574,355	3,957,409	4,684,594	5,257,847	5,664,083	5,368,365	6,281,381	7,053,981	8,286,569	9,424,454	10,005,554
Earnings by industry:												
Farm	332,016	312,988	364,159	384,241	424,082	432,206	198,303	180,153	258,499	215,565	234,726	222,693
Nonfarm	41,416,999	45,362,483	49,313,447	54,584,608	59,845,836	63,980,705	64,443,161	70,538,340	76,985,893	85,100,974	93,841,947	97,602,923
Private	31,640,101	35,000,520	38,406,212	42,862,405	47,263,732	50,334,089	56,539,674	61,945,850	67,730,674	75,086,126	82,852,176	85,933,319
Agricultural services, forestry, fisheries, and other[7]	170,859	211,134	250,565	314,542	358,920	386,176	268,085	357,440	445,378	527,758	597,278	600,589
Agricultural services	160,035	180,057	202,386	268,399	300,604	327,956	187,204	223,913	259,750	344,852	387,495	388,728
Forestry, fisheries, and other[7]	10,824	31,077	48,179	46,143	58,316	58,220	80,881	133,527	185,628	182,906	209,783	211,861
Mining	134,823	172,405	86,780	93,952	118,064	123,717	169,275	232,378	106,415	115,129	151,530	148,111
Coal mining	(D)	31,805	28,217	28,343	27,514	29,029	(D)	(D)	(D)	259	343	278
Oil and gas extraction	80,729	121,405	35,077	36,641	60,112	64,850	138,616	195,285	57,803	62,364	89,005	93,392
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	224	300	138
Nonmetallic minerals, except fuels	(D)	19,198	23,487	28,936	30,405	29,800	29,501	36,017	47,803	52,282	61,882	54,303
Construction	3,071,606	3,576,307	4,144,656	4,776,979	5,403,221	5,628,664	3,402,587	3,992,084	4,843,377	5,741,243	6,427,759	6,034,159
Manufacturing	5,834,535	6,093,357	6,154,955	6,290,617	6,661,023	6,900,081	17,311,162	18,030,181	18,204,875	18,549,612	19,557,253	19,736,693
Nondurable goods	2,230,946	2,351,099	2,488,571	2,553,726	2,706,186	2,825,122	4,792,665	4,882,166	5,030,660	5,326,026	5,616,079	5,671,534
Food and kindred products	557,008	590,506	627,300	643,467	659,291	690,399	517,089	543,144	564,392	573,198	606,788	605,472
Textile mill products	17,852	17,623	(D)	(D)	(D)	24,689	406,874	402,641	395,996	404,772	422,784	424,855
Apparel and other textile products	193,392	175,846	168,648	153,472	166,510	(D)	489,145	460,230	424,501	411,325	426,549	402,567
Paper and allied products	236,642	247,481	262,230	256,744	269,206	274,564	694,968	685,095	693,728	728,686	763,718	752,021
Printing and publishing	611,648	669,324	704,674	766,475	829,865	882,296	1,144,427	1,261,953	1,375,349	1,550,603	1,675,526	1,711,385
Chemicals and allied products	375,536	399,032	433,960	440,798	481,711	496,542	574,741	596,881	617,224	649,084	703,883	794,549
Petroleum and coal products	28,503	30,183	(D)	34,369	(D)	37,050	61,335	63,081	67,001	77,113	86,254	83,331
Tobacco manufactures	(L)	(L)	(L)	(D)	(L)	(L)	132	99	120	144	303	141
Rubber and misc. plastic products	189,904	202,098	221,294	217,328	213,312	222,981	654,150	647,674	702,357	744,605	744,017	720,696
Leather and leather products	20,443	19,000	18,957	20,502	(D)	(D)	249,804	221,368	189,992	186,496	186,257	176,517
Durable goods	3,603,589	3,742,258	3,666,384	3,736,891	3,954,837	4,074,959	12,518,497	13,148,015	13,174,215	13,223,586	13,941,174	14,065,159
Lumber and wood products	66,706	74,589	77,275	85,467	88,707	89,721	107,711	113,332	126,462	145,476	151,483	141,599
Furniture and fixtures	67,930	70,674	71,272	66,117	67,864	67,512	142,477	150,549	177,651	186,249	185,348	167,849
Primary metal industries	739,542	662,935	541,109	476,752	450,061	495,568	375,341	363,828	394,809	403,646	418,463	437,042
Fabricated metal products	218,276	228,005	260,062	267,169	283,099	291,180	1,217,791	1,242,564	1,214,215	1,252,677	1,326,608	1,516,972
Machinery, except electrical	541,575	546,229	540,803	530,400	620,756	608,898	3,277,490	3,460,635	3,312,100	3,716,121	3,967,215	4,035,072
Electric and electronic equipment	1,201,758	1,321,312	1,366,346	1,404,200	1,434,955	1,455,090	3,539,672	3,833,329	3,950,303	3,426,515	3,582,430	3,508,628
Transportation equip. excl. motor vehicles	(D)	304,443	247,105	319,042	344,716	336,872	1,129,965	1,256,290	1,242,868	1,236,590	1,224,344	1,244,408
Motor vehicles and equipment	(D)	210,485	227,919	228,029	224,162	256,756	226,846	227,849	195,396	171,708	112,197	115,858
Stone, clay, and glass products	204,389	209,843	200,731	202,446	250,044	262,121	326,621	337,320	329,250	346,548	399,491	387,280
Instruments and related products	71,862	66,878	83,784	102,218	128,729	149,031	1,720,843	1,720,218	1,786,076	1,876,502	2,056,252	2,006,316
Miscellaneous manufacturing industries	43,701	46,865	49,978	55,051	61,744	62,210	453,740	442,101	445,085	461,554	517,343	504,135
Transportation and public utilities	2,686,393	2,864,808	2,974,346	3,303,052	3,647,308	3,934,568	3,685,010	3,891,631	3,947,416	4,300,308	4,646,463	4,687,586
Railroad transportation	244,096	246,603	221,402	202,521	210,724	199,471	150,038	129,664	120,874	(D)	128,240	123,378
Trucking and warehousing	645,732	673,379	744,731	819,351	884,490	919,314	787,134	817,488	875,284	942,939	1,009,024	1,001,263
Water transportation	143,510	141,546	139,045	135,838	129,390	(D)	(D)	(D)	(D)	78,783	84,021	81,895
Other transportation[8]	258,263	291,129	373,010	440,744	482,094	(D)	(D)	(D)	(D)	(D)	1,034,317	1,070,651
Communication	843,486	892,668	866,781	1,072,146	1,234,491	1,381,432	1,248,873	1,302,767	1,230,270	1,368,441	1,426,787	1,363,217
Electric, gas, and sanitary services	551,306	619,483	629,377	632,452	706,119	752,564	707,363	757,770	774,703	834,897	964,074	1,047,182
Wholesale trade	2,577,088	2,783,775	3,018,027	3,272,782	3,587,437	3,783,383	4,139,365	4,525,761	4,979,898	5,816,498	6,558,581	6,934,968
Retail trade	4,660,300	5,119,847	5,588,867	6,207,968	6,750,391	7,188,766	6,208,597	6,885,542	7,648,428	8,329,540	9,148,635	9,405,103
Finance, insurance, and real estate	2,375,999	2,673,295	3,113,049	3,841,343	4,039,089	4,227,583	4,315,294	4,856,667	5,724,637	7,233,806	7,784,744	7,690,245
Banking and credit agencies	819,935	930,413	1,098,506	1,211,167	1,305,116	1,411,668	1,382,910	1,561,506	1,852,522	2,121,434	2,384,854	2,449,121
Other finance, insurance, and real estate[9]	1,556,064	1,742,882	2,014,543	2,630,176	2,733,973	2,815,915	2,932,384	3,295,161	3,872,115	5,112,372	5,399,890	5,241,124
Services	10,128,498	11,505,592	13,074,967	14,761,170	16,698,279	18,161,151	17,040,299	19,174,166	21,830,250	24,472,232	27,979,933	30,695,865
Hotels and other lodging places	188,756	221,671	259,005	299,376	336,745	364,739	364,194	415,526	466,583	543,661	599,791	683,565
Personal services	401,404	497,455	547,631	577,898	678,313	750,958	547,569	677,020	742,309	808,988	946,991	1,060,507
Private households	214,492	216,618	218,306	220,553	236,674	250,590	154,012	154,777	153,974	153,729	162,698	170,392
Business services	2,714,829	3,244,535	3,811,584	4,481,555	5,107,500	5,436,462	3,897,347	4,679,794	5,513,493	6,326,705	7,322,243	7,880,532
Auto repair, services, and garages	348,659	413,148	466,303	508,727	546,832	586,287	546,366	629,732	709,923	752,147	822,696	864,554
Miscellaneous repair services	200,133	215,771	238,849	244,616	287,256	310,346	244,955	246,289	290,165	300,505	345,734	378,709
Amusement and recreation services	201,152	227,911	256,650	295,561	339,844	378,342	254,593	291,978	331,467	375,671	427,616	445,101
Motion pictures	29,628	33,711	36,679	38,876	46,716	50,800	63,441	73,249	88,277	99,770	115,359	123,353
Health services	2,863,352	3,121,715	3,392,517	3,931,508	4,480,643	4,977,476	5,116,772	5,552,676	6,013,423	6,719,043	7,659,754	8,587,469
Legal services	603,686	683,661	808,623	882,167	1,048,215	1,119,753	1,180,672	1,344,125	1,608,060	1,805,785	2,093,071	2,316,795
Educational services	439,097	502,673	562,602	638,431	714,022	762,926	1,760,674	1,902,289	2,136,622	2,302,262	2,467,152	2,703,006
Social services	255,016	296,125	341,107	366,264	395,375	464,980	507,468	585,217	677,337	802,816	938,606	1,050,157
Museums, botanical, zoological gardens	1,944	2,153	2,195	2,596	2,857	4,271	38,628	44,808	50,089	58,059	66,658	70,781
Membership organizations	391,501	397,955	441,453	510,980	575,576	615,690	473,719	482,181	534,980	605,250	692,871	743,929
Miscellaneous services	1,274,849	1,430,490	1,691,463	1,762,062	1,901,711	2,087,531	1,889,889	2,094,505	2,513,548	2,817,841	3,318,693	3,617,015
Government and government enterprises	9,776,898	10,361,963	10,907,235	11,722,203	12,582,104	13,646,616	7,903,487	8,592,490	9,255,219	10,014,848	10,989,771	11,669,604
Federal, civilian	4,240,947	4,419,691	4,403,531	4,695,871	5,002,101	5,380,306	1,525,493	1,612,048	1,636,769	1,734,755	1,892,981	1,989,125
Military	895,252	947,923	1,049,574	1,085,068	1,102,541	1,142,701	406,496	412,307	446,719	465,010	482,762	493,053
State and local	4,640,699	4,994,349	5,454,130	5,941,264	6,477,462	7,123,609	5,971,498	6,568,135	7,171,731	7,815,083	8,614,028	9,187,426

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Michigan						Minnesota					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**118,047,218**	**127,249,796**	**136,040,184**	**142,377,018**	**151,995,332**	**162,609,996**	**55,824,394**	**59,277,627**	**62,773,992**	**66,669,583**	**71,013,711**	**76,801,794**
Nonfarm personal income	117,398,027	126,578,516	135,360,870	141,608,582	151,344,478	161,680,854	54,427,271	57,757,748	60,731,877	64,659,482	69,405,893	74,760,982
Farm income[1]	649,191	671,280	679,314	768,436	650,854	929,142	1,397,123	1,519,879	2,042,115	2,010,101	1,607,818	2,040,812
Population (thousands)[2]	9,062.0	9,088.3	9,142.5	9,204.7	9,239.8	9,273.4	4,164.0	4,191.6	4,213.1	4,244.3	4,306.6	4,351.6
Per capita personal income (dollars)	**13,027**	**14,001**	**14,880**	**15,468**	**16,450**	**17,535**	**13,407**	**14,142**	**14,900**	**15,708**	**16,490**	**17,649**
Derivation of total personal income:												
Total earnings by place of work	85,523,596	93,603,295	100,247,980	105,125,792	112,530,329	119,040,199	41,448,576	44,204,311	47,320,817	50,874,900	54,629,283	58,320,979
Less: Personal contributions for social insurance[3]	5,260,597	6,102,515	6,363,476	6,986,271	7,779,426	8,490,398	2,728,437	3,053,013	3,229,761	3,467,562	3,900,233	4,294,904
Plus: Adjustment for residence	632,347	706,581	661,380	728,625	789,644	838,295	−189,104	−232,896	−273,696	−348,764	−361,329	−390,406
Equals: Net earnings by place of residence	80,895,346	88,207,361	94,545,884	98,868,146	105,540,547	111,388,096	38,531,035	40,918,402	43,817,360	47,058,574	50,367,721	53,635,669
Plus: Dividends, interest, and rent[4]	18,375,281	19,571,201	20,564,677	21,285,066	22,986,637	26,304,362	9,515,954	10,029,753	10,481,608	10,636,042	11,075,048	12,659,217
Plus: Transfer payments	18,776,591	19,471,234	20,929,623	22,223,806	23,468,148	24,917,538	7,777,405	8,329,472	8,475,024	8,974,967	9,570,942	10,506,908
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	70,861,955	78,043,083	83,314,188	87,023,009	93,398,827	98,471,935	33,480,623	35,750,257	37,857,734	40,858,885	44,294,628	46,944,950
Other labor income	8,684,601	9,052,388	9,669,484	9,833,452	10,294,109	10,944,954	3,346,664	3,483,880	3,752,375	3,900,193	4,151,172	4,476,096
Proprietors' income[6]	5,977,040	6,507,824	7,264,308	8,269,331	8,837,393	9,623,310	4,621,289	4,970,174	5,710,708	6,115,822	6,183,483	6,899,933
Farm	460,181	483,478	493,718	572,288	454,455	728,775	1,177,301	1,299,908	1,824,627	1,784,725	1,383,792	1,814,836
Nonfarm	5,516,859	6,024,346	6,770,590	7,697,043	8,382,938	8,894,535	3,443,988	3,670,266	3,886,081	4,331,097	4,799,691	5,085,097
Earnings by industry:												
Farm	649,191	671,280	679,314	768,436	650,854	929,142	1,397,123	1,519,879	2,042,115	2,010,101	1,607,818	2,040,812
Nonfarm	84,874,405	92,932,015	99,568,666	104,357,356	111,879,475	118,111,057	40,051,453	42,684,432	45,278,702	48,864,799	53,021,465	56,280,167
Private	73,360,161	80,781,344	86,444,556	90,486,996	97,230,216	102,491,920	34,271,875	36,496,836	38,704,975	41,835,444	45,480,071	48,302,631
Agricultural services, forestry, fisheries, and other[7]	238,919	254,729	263,210	332,714	375,262	400,680	187,326	180,242	173,205	236,572	247,133	260,259
Agricultural services	199,914	229,413	253,080	319,351	365,087	393,235	167,724	166,043	164,275	226,875	237,742	250,486
Forestry, fisheries, and other[7]	39,005	25,316	10,130	13,363	10,175	7,445	19,602	14,199	8,930	9,697	9,391	9,773
Mining	434,436	491,149	365,469	386,344	463,047	481,080	373,558	377,497	267,870	262,423	321,909	361,341
Coal mining	553	452	568	393	178	187	277	145	154	55	187	352
Oil and gas extraction	265,965	329,526	182,728	196,447	248,639	248,331	83,286	112,650	48,539	46,464	59,387	62,496
Metal mining	94,124	86,569	97,350	106,515	115,366	131,435	242,757	216,675	167,455	166,788	210,486	242,500
Nonmetallic minerals, except fuels	73,794	74,602	84,823	82,989	98,864	101,127	47,238	48,027	51,722	49,116	51,849	55,993
Construction	3,317,911	3,915,791	4,530,272	4,874,189	5,584,173	5,827,991	2,491,443	2,650,619	2,925,783	3,204,283	3,267,185	3,409,286
Manufacturing	33,377,508	36,749,092	38,052,774	37,288,047	39,191,895	40,562,677	10,133,779	10,642,099	11,062,704	11,688,895	12,842,767	13,236,429
Nondurable goods	5,731,597	6,233,097	6,569,050	6,845,911	7,428,410	7,790,038	3,893,666	4,059,662	4,279,434	4,593,809	4,968,785	5,285,327
Food and kindred products	1,184,781	1,213,046	1,236,160	1,290,158	1,369,764	1,414,111	1,118,981	1,128,272	1,199,695	1,273,104	1,364,098	1,481,826
Textile mill products	50,722	50,832	40,750	43,770	51,495	46,296	37,499	37,918	39,007	40,623	40,883	47,191
Apparel and other textile products	583,123	680,661	748,381	725,706	773,175	767,199	43,151	42,214	45,944	44,408	49,407	51,739
Paper and allied products	618,221	649,112	725,059	733,434	755,464	781,751	1,208,627	1,251,723	1,306,673	1,377,704	1,482,713	1,542,526
Printing and publishing	816,858	914,558	949,067	996,734	1,117,369	1,244,207	878,779	968,095	1,017,578	1,117,976	1,224,192	1,305,841
Chemicals and allied products	1,430,399	1,546,637	1,650,787	1,714,163	1,907,347	1,995,611	240,512	255,053	272,912	294,115	331,131	351,665
Petroleum and coal products	92,329	95,857	130,771	143,172	152,927	129,366	71,283	71,232	72,825	84,304	88,291	97,603
Tobacco manufactures	108	(L)	74	162	194	193	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	902,109	1,029,653	1,039,339	1,143,786	1,237,218	1,341,364	255,166	265,557	287,964	324,498	347,515	359,907
Leather and leather products	52,947	52,692	48,662	54,826	63,457	69,940	39,628	39,577	36,802	37,029	40,507	46,981
Durable goods	27,645,911	30,515,995	31,483,724	30,442,136	31,763,485	32,772,639	6,240,113	6,582,437	6,783,270	7,095,086	7,873,982	7,951,102
Lumber and wood products	226,708	262,824	279,073	320,419	358,365	372,855	312,691	351,575	409,073	487,337	686,956	556,519
Furniture and fixtures	679,401	761,965	823,465	951,947	1,075,212	1,152,048	88,273	100,219	114,020	126,668	137,205	146,439
Primary metal industries	1,920,586	1,871,508	1,904,967	1,891,493	1,946,080	1,916,941	191,885	174,440	186,196	209,007	236,453	219,092
Fabricated metal products	3,409,456	4,021,187	4,051,004	3,963,830	4,252,024	4,457,649	1,023,782	1,074,841	1,046,746	1,088,126	1,155,222	1,208,962
Machinery, except electrical	4,106,103	4,462,034	4,579,830	4,269,132	4,492,234	4,816,624	2,689,692	2,827,088	2,723,955	2,801,942	3,102,020	3,112,359
Electric and electronic equipment	980,647	1,053,257	1,159,538	1,163,984	1,188,378	1,234,412	628,688	677,872	654,218	710,673	787,761	900,591
Transportation equip. excl. motor vehicles	600,352	663,701	722,832	759,804	746,349	787,336	63,625	72,830	82,630	122,823	148,933	168,181
Motor vehicles and equipment	14,667,191	16,293,287	16,785,940	15,871,483	16,303,789	16,511,967	145,901	164,538	206,847	206,054	212,571	214,391
Stone, clay, and glass products	528,484	554,345	574,376	628,910	706,630	743,706	214,054	212,841	215,408	231,456	247,409	259,026
Instruments and related products	343,563	380,598	406,158	419,006	465,637	556,904	760,465	795,558	992,631	963,947	1,004,380	992,479
Miscellaneous manufacturing industries	183,420	191,289	196,541	202,128	228,787	222,197	121,057	130,635	151,546	147,053	155,072	173,063
Transportation and public utilities	4,747,948	4,995,326	5,285,245	5,646,566	5,954,471	6,077,451	3,224,438	3,335,728	3,438,636	3,590,669	3,835,893	4,137,800
Railroad transportation	372,436	356,865	352,993	368,292	372,510	358,569	385,471	345,326	344,659	340,053	335,165	331,073
Trucking and warehousing	1,359,262	1,434,094	1,508,770	1,553,759	1,627,402	1,648,177	906,719	890,000	908,002	921,228	959,637	995,967
Water transportation	31,795	33,844	35,978	37,342	42,694	45,426	27,918	28,840	23,522	28,101	37,402	34,696
Other transportation[8]	477,330	541,996	683,268	838,937	943,997	1,056,180	751,268	854,280	887,338	993,386	1,103,631	1,305,702
Communication	1,172,308	1,247,836	1,272,082	1,325,353	1,370,372	1,352,239	615,258	635,062	645,658	682,776	711,571	752,256
Electric, gas, and sanitary services	1,334,817	1,380,691	1,432,154	1,522,883	1,597,496	1,616,860	537,804	582,220	629,457	625,125	688,487	718,106
Wholesale trade	4,645,264	4,988,202	5,395,182	5,895,855	6,480,030	7,029,091	3,153,953	3,292,221	3,430,150	3,671,022	4,039,258	4,290,969
Retail trade	7,565,920	7,982,461	8,624,654	9,216,665	10,013,460	10,563,799	4,114,579	4,310,657	4,486,619	4,759,408	5,234,556	5,471,621
Finance, insurance, and real estate	3,282,221	3,595,818	4,055,661	5,051,310	5,132,225	5,211,217	2,490,884	2,743,844	3,097,202	3,637,519	3,701,882	3,804,286
Banking and credit agencies	1,436,504	1,560,494	1,709,934	1,871,465	2,002,912	2,080,230	863,395	919,865	1,016,642	1,023,959	1,075,463	1,115,892
Other finance, insurance, and real estate[9]	1,845,717	2,035,324	2,345,727	3,179,845	3,129,313	3,130,987	1,627,489	1,823,979	2,080,560	2,613,560	2,626,419	2,688,394
Services	15,750,034	17,808,776	19,872,089	21,795,306	24,035,653	26,337,934	8,101,915	8,963,929	9,822,806	10,784,653	11,989,488	13,330,640
Hotels and other lodging places	254,570	275,887	322,076	364,876	387,304	426,583	220,950	238,719	240,907	268,552	273,768	294,169
Personal services	657,762	807,886	875,645	933,329	1,087,027	1,219,934	435,283	560,184	616,646	654,782	761,935	871,065
Private households	177,439	177,938	177,815	178,140	187,911	196,697	75,865	76,395	76,270	76,405	81,469	85,785
Business services	2,651,058	3,576,822	4,066,738	4,552,234	4,935,265	5,395,480	1,418,034	1,646,022	1,831,079	2,081,547	2,349,354	2,654,721
Auto repair, services, and garages	631,464	739,052	808,445	829,744	873,852	962,372	398,318	447,576	480,409	495,442	541,977	581,923
Miscellaneous repair services	318,818	351,737	375,936	386,152	439,363	483,171	168,812	151,988	173,159	175,638	196,471	220,855
Amusement and recreation services	315,486	346,718	396,045	421,740	483,031	524,447	194,588	224,526	255,285	279,273	327,120	334,976
Motion pictures	89,835	106,788	115,635	120,361	149,784	177,629	31,770	35,860	38,467	41,598	48,712	56,282
Health services	5,940,100	6,106,993	6,652,093	7,410,468	7,973,182	8,585,991	2,811,370	3,052,884	3,270,800	3,631,827	3,975,124	4,431,173
Legal services	1,053,753	1,163,998	1,312,006	1,465,760	1,708,627	1,818,383	621,479	673,182	761,384	818,886	929,266	1,027,185
Educational services	409,107	444,321	470,787	523,051	606,838	657,535	321,756	352,064	396,964	416,192	455,465	513,399
Social services	437,932	497,627	546,131	612,459	717,607	831,961	405,077	438,088	471,906	511,622	569,989	637,477
Museums, botanical, zoological gardens	13,950	13,898	15,535	17,690	17,622	20,002	13,708	16,047	20,364	20,668	22,209	23,795
Membership organizations	776,550	819,419	856,445	944,837	1,041,435	1,109,296	356,542	369,848	389,956	420,538	466,881	496,579
Miscellaneous services	2,022,210	2,379,692	2,880,757	3,034,465	3,426,805	3,928,453	628,363	680,546	799,210	891,683	989,748	1,101,256
Government and government enterprises	11,514,244	12,150,671	13,124,110	13,870,360	14,649,259	15,619,137	5,779,578	6,187,596	6,573,727	7,029,355	7,541,394	7,977,536
Federal, civilian	1,489,337	1,582,552	1,583,014	1,684,865	1,815,587	1,895,263	807,933	865,671	876,238	947,743	1,029,867	1,092,967
Military	316,253	335,232	349,913	370,160	373,277	383,903	105,274	113,720	129,641	143,394	148,975	152,803
State and local	9,708,654	10,232,887	11,191,183	11,815,335	12,460,395	13,339,971	4,866,371	5,208,205	5,567,848	5,938,218	6,362,552	6,731,766

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Mississippi						Missouri					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**23,159,109**	**24,174,424**	**25,402,329**	**26,903,081**	**29,073,025**	**30,941,795**	**62,524,522**	**66,728,683**	**70,489,968**	**74,560,861**	**79,475,817**	**84,864,081**
Nonfarm personal income	22,481,982	23,601,152	24,897,236	26,132,860	28,027,172	30,143,654	61,969,057	65,931,025	69,707,039	73,661,533	78,599,011	83,980,566
Farm income[1]	677,127	573,272	505,093	770,221	1,045,853	798,141	555,465	797,658	782,929	899,328	876,806	883,515
Population (thousands)[2]	2,599.3	2,614.4	2,624.3	2,624.3	2,620.0	2,620.9	5,005.5	5,035.3	5,066.5	5,107.6	5,141.2	5,160.0
Per capita personal income (dollars)	**8,910**	**9,247**	**9,680**	**10,252**	**11,097**	**11,806**	**12,491**	**13,252**	**13,913**	**14,598**	**15,459**	**16,447**
Derivation of total personal income:												
Total earnings by place of work	16,102,230	16,796,322	17,602,649	18,805,279	20,447,279	21,380,411	45,880,172	49,245,545	52,231,006	55,850,723	59,538,466	62,757,206
Less: Personal contributions for social insurance[3]	880,920	972,180	1,067,588	1,081,290	1,198,032	1,319,752	2,687,293	3,016,463	3,220,859	3,455,222	3,877,098	4,253,229
Plus: Adjustment for residence	507,201	526,074	507,691	544,755	577,452	635,724	−1,707,514	−1,953,951	−2,061,395	−2,250,676	−2,356,745	−2,523,305
Equals: Net earnings by place of residence	15,728,511	16,350,216	17,042,752	18,268,744	19,826,699	20,696,383	41,485,365	44,275,131	46,948,752	50,144,825	53,304,623	55,980,672
Plus: Dividends, interest, and rent[5]	2,971,861	3,041,351	3,285,079	3,320,733	3,546,988	4,068,943	11,858,578	12,490,887	12,972,751	13,281,023	14,222,946	16,303,291
Plus: Transfer payments	4,458,737	4,782,857	5,074,498	5,313,604	5,699,338	6,176,469	9,180,579	9,962,665	10,568,465	11,135,013	11,948,248	12,580,118
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	12,591,524	13,291,268	13,836,774	14,557,936	15,564,096	16,459,484	37,141,541	39,745,453	41,952,619	44,567,440	47,395,167	49,857,414
Other labor income	1,263,155	1,263,867	1,347,855	1,396,787	1,507,090	1,620,516	3,750,314	3,855,764	4,122,136	4,299,111	4,566,643	4,902,161
Proprietors' income[6]	2,247,551	2,241,187	2,418,020	2,850,556	3,376,093	3,300,411	4,988,317	5,644,328	6,156,251	6,984,172	7,576,656	7,997,631
Farm	542,936	440,986	374,179	632,295	907,352	657,599	397,946	645,584	635,690	748,760	729,499	738,781
Nonfarm	1,704,615	1,800,201	2,043,841	2,218,261	2,468,741	2,642,812	4,590,371	4,998,744	5,520,561	6,235,412	6,847,157	7,258,850
Earnings by industry:												
Farm	677,127	573,272	505,093	770,221	1,045,853	798,141	555,465	797,658	782,929	899,328	876,806	883,515
Nonfarm	15,425,103	16,223,050	17,097,556	18,035,058	19,401,426	20,582,270	45,324,707	48,447,887	51,448,077	54,951,395	58,661,660	61,873,691
Private	12,262,365	12,847,945	13,556,661	14,344,173	15,446,611	16,310,180	38,951,862	41,629,682	44,317,871	47,337,009	50,577,026	53,358,926
Agricultural services, forestry, fisheries, and other[7]	109,739	94,675	79,923	100,457	100,098	108,532	190,613	180,781	180,543	257,199	265,758	275,734
Agricultural services	59,033	59,276	57,710	76,213	81,190	88,676	171,485	166,614	169,797	249,123	258,244	269,124
Forestry, fisheries, and other[7]	50,706	35,399	22,213	24,244	18,908	19,856	19,128	14,167	10,746	8,076	7,514	6,610
Mining	255,249	261,291	190,235	167,350	180,627	178,877	317,389	364,610	272,621	253,931	270,593	272,053
Coal mining	138	174	155	119	(D)	148	102,372	101,861	97,516	72,408	70,411	60,611
Oil and gas extraction	241,243	246,815	174,768	154,780	167,578	166,379	91,836	130,670	42,008	42,862	63,802	67,827
Metal mining	(L)	(L)	(L)	(L)	0	0	57,901	60,006	53,864	48,659	40,818	49,998
Nonmetallic minerals, except fuels	13,862	14,291	15,307	12,448	(D)	12,350	65,280	72,073	79,233	90,002	95,562	93,617
Construction	881,836	891,453	914,569	908,718	980,287	1,028,748	2,918,470	3,150,225	3,537,812	3,676,302	3,809,952	3,761,028
Manufacturing	4,079,161	4,290,900	4,534,832	4,750,854	5,134,401	5,316,498	10,992,156	11,559,822	11,945,992	12,152,399	12,921,378	13,600,530
Nondurable goods	1,625,730	1,678,007	1,799,971	1,864,003	1,975,696	2,061,304	4,253,631	4,463,200	4,659,560	4,842,806	5,174,396	5,545,754
Food and kindred products	345,897	371,485	386,966	412,973	427,988	445,433	1,181,392	1,225,158	1,309,926	1,353,673	1,428,447	1,453,258
Textile mill products	89,715	98,191	107,097	112,339	123,121	125,973	12,126	12,393	9,972	10,975	10,989	11,686
Apparel and other textile products	409,537	387,538	406,074	407,937	425,231	435,396	321,327	317,251	313,549	329,281	324,628	328,322
Paper and allied products	223,412	229,887	257,649	266,091	281,162	302,814	323,667	337,891	358,321	368,068	399,319	450,231
Printing and publishing	112,895	122,215	127,046	134,885	146,755	155,406	880,350	935,710	990,862	1,031,628	1,122,999	1,191,964
Chemicals and allied products	179,207	191,952	214,425	206,224	237,092	246,094	970,407	1,047,053	1,091,220	1,139,594	1,244,912	1,434,461
Petroleum and coal products	93,171	93,639	94,849	98,054	101,464	100,355	40,386	58,743	62,237	62,552	65,833	63,646
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	140	304	408	348	395	210
Rubber and misc. plastic products	159,474	175,827	199,764	220,468	228,269	242,738	260,226	275,713	282,986	292,276	315,574	369,533
Leather and leather products	12,416	7,270	6,094	5,022	4,604	7,085	263,610	252,984	240,079	254,411	261,300	242,443
Durable goods	2,453,431	2,612,893	2,734,861	2,886,851	3,158,705	3,255,194	6,738,525	7,096,622	7,286,432	7,309,593	7,746,982	8,054,776
Lumber and wood products	428,883	458,850	478,367	516,248	552,210	585,851	159,077	161,805	183,732	202,136	223,420	233,326
Furniture and fixtures	275,379	310,005	335,516	393,451	446,600	471,843	200,720	204,577	217,982	244,624	263,572	269,327
Primary metal industries	90,867	96,932	91,822	101,108	105,511	115,725	412,715	398,300	395,976	407,890	425,039	424,352
Fabricated metal products	241,416	254,176	264,298	282,175	314,898	347,749	718,450	754,279	777,653	768,848	812,062	867,802
Machinery, except electrical	269,275	286,255	282,214	301,214	325,677	343,745	813,675	806,432	813,164	822,662	880,732	941,414
Electric and electronic equipment	462,740	488,436	480,932	470,334	519,172	531,166	1,233,813	1,324,432	1,275,979	1,200,417	1,258,835	1,266,439
Transportation equip. excl. motor vehicles	422,121	445,756	502,878	498,112	520,631	482,272	1,194,210	1,280,691	1,378,635	1,578,005	1,720,760	1,915,155
Motor vehicles and equipment	63,241	72,375	82,885	90,424	119,443	123,114	1,286,116	1,431,485	1,483,632	1,321,590	1,328,625	1,307,919
Stone, clay, and glass products	120,558	114,242	122,266	129,843	139,919	139,700	288,849	291,447	306,240	308,034	322,328	327,927
Instruments and related products	23,476	22,688	22,125	25,251	32,317	36,603	301,106	310,266	316,066	321,271	358,035	356,634
Miscellaneous manufacturing industries	55,475	63,178	71,558	78,691	82,327	77,426	129,794	132,908	137,373	134,116	153,574	144,481
Transportation and public utilities	1,105,874	1,170,478	1,231,092	1,350,611	1,425,986	1,514,432	4,492,823	4,670,392	4,925,741	5,134,356	5,454,683	5,733,726
Railroad transportation	111,110	98,538	85,990	72,558	69,055	67,683	497,597	447,390	432,773	428,952	434,784	449,739
Trucking and warehousing	359,668	375,040	399,733	451,512	490,072	527,460	1,250,042	1,260,517	1,339,907	1,434,137	1,526,620	1,583,267
Water transportation	46,674	47,028	47,330	49,414	56,760	59,494	94,841	80,373	68,187	79,075	90,677	71,549
Other transportation[8]	50,462	67,142	72,810	84,567	99,577	106,834	859,720	967,316	951,943	985,381	1,094,850	1,221,702
Communication	263,856	267,970	262,646	289,933	295,664	311,416	1,080,029	1,144,291	1,247,916	1,314,584	1,379,573	1,464,371
Electric, gas, and sanitary services	274,104	314,760	362,583	402,627	414,858	441,545	710,594	770,505	885,015	892,227	928,179	943,098
Wholesale trade	843,619	865,444	879,885	921,496	983,825	1,059,929	3,312,118	3,519,244	3,579,667	3,981,294	4,281,569	4,554,747
Retail trade	1,714,569	1,769,333	1,842,702	1,900,564	2,039,250	2,112,301	4,557,251	4,845,138	5,112,393	5,369,566	5,745,328	5,976,435
Finance, insurance, and real estate	692,820	742,046	823,185	936,839	949,139	974,077	2,572,539	2,797,777	3,193,326	3,841,494	3,888,128	3,954,934
Banking and credit agencies	328,146	354,244	388,237	413,560	427,765	447,223	966,299	1,031,407	1,147,817	1,214,672	1,280,860	1,329,023
Other finance, insurance, and real estate[9]	364,674	387,802	434,948	523,279	521,374	526,854	1,606,240	1,766,370	2,045,509	2,626,822	2,607,268	2,625,911
Services	2,579,498	2,762,325	3,060,238	3,307,284	3,652,998	4,016,786	9,598,503	10,541,693	11,569,776	12,670,468	13,939,637	15,229,739
Hotels and other lodging places	75,250	79,622	77,045	76,731	80,113	79,398	270,209	284,913	288,647	326,908	335,119	352,791
Personal services	124,700	147,940	156,855	162,525	184,828	203,899	457,009	559,918	605,764	645,431	735,231	815,100
Private households	123,571	124,281	123,850	123,214	129,448	135,089	133,692	134,488	134,404	134,773	142,507	149,192
Business services	244,215	290,961	331,765	370,118	412,351	463,479	1,958,674	2,265,156	2,528,870	2,758,065	3,016,190	3,331,885
Auto repair, services, and garages	140,494	155,649	165,957	165,640	170,613	183,376	468,673	514,192	570,379	592,867	630,891	657,287
Miscellaneous repair services	67,515	64,012	72,614	71,172	96,465	113,987	182,286	155,797	181,444	179,563	212,679	226,316
Amusement and recreation services	31,599	34,830	37,666	37,967	40,735	42,944	231,436	264,100	281,078	307,710	341,931	353,525
Motion pictures	3,936	5,265	3,843	3,724	4,287	4,451	73,700	80,886	83,770	88,210	106,727	110,977
Health services	889,864	950,186	1,030,568	1,159,839	1,277,982	1,399,665	3,259,686	3,509,051	3,763,900	4,222,358	4,643,419	5,095,695
Legal services	196,306	211,594	243,584	261,848	302,496	333,492	657,314	736,796	837,055	915,656	1,017,730	1,124,595
Educational services	72,279	78,894	85,053	95,459	104,699	119,214	487,026	528,362	589,718	639,239	699,646	762,217
Social services	74,783	80,332	83,352	87,579	92,151	94,671	232,093	248,261	269,933	286,794	324,275	357,538
Museums, botanical, zoological gardens	(L)	63	78	60	166	168	6,146	7,765	8,574	10,802	11,974	13,828
Membership organizations	122,623	117,693	116,221	116,745	121,214	123,460	391,328	401,398	424,135	465,822	514,938	540,454
Miscellaneous services	412,333	421,003	531,787	574,663	635,450	719,493	789,231	850,610	1,002,105	1,096,270	1,206,380	1,338,339
Government and government enterprises	3,162,738	3,375,105	3,540,895	3,690,885	3,954,815	4,272,090	6,372,845	6,818,205	7,130,206	7,614,386	8,084,634	8,514,765
Federal, civilian	649,384	694,934	691,200	730,063	781,386	823,164	1,783,027	1,894,973	1,865,725	1,991,531	2,117,698	2,197,522
Military	470,552	493,657	525,395	528,989	527,202	520,995	442,067	463,295	494,853	504,460	506,812	537,136
State and local	2,042,802	2,186,514	2,324,300	2,431,833	2,646,227	2,927,931	4,147,751	4,459,937	4,769,628	5,118,395	5,460,124	5,780,107

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Montana						Nebraska					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,922,334**	**9,092,290**	**9,587,581**	**9,985,905**	**10,426,928**	**11,392,495**	**19,778,194**	**20,807,873**	**21,582,999**	**22,330,859**	**23,564,488**	**25,271,729**
Nonfarm personal income	8,851,840	9,084,916	9,223,324	9,548,702	10,131,424	10,918,138	18,459,156	19,107,951	19,616,143	20,404,922	21,686,805	23,424,279
Farm income[1]	70,494	7,374	364,257	437,203	295,504	474,357	1,319,038	1,699,922	1,966,856	1,925,937	1,877,683	1,847,450
Population (thousands)[2]	823.5	825.5	817.3	809.2	804.6	805.2	1,605.2	1,604.9	1,598.1	1,594.0	1,602.1	1,610.0
Per capita personal income (dollars)	**10,835**	**11,015**	**11,730**	**12,341**	**12,958**	**14,149**	**12,321**	**12,965**	**13,505**	**14,009**	**14,708**	**15,697**
Derivation of total personal income:												
Total earnings by place of work	5,932,899	5,950,320	6,316,389	6,602,446	6,842,104	7,366,801	14,342,765	15,270,821	16,013,444	16,797,115	17,849,721	18,784,532
Less: Personal contributions for social insurance[3]	392,814	420,788	447,553	451,927	496,900	548,617	865,504	961,796	997,172	1,115,170	1,254,950	1,385,394
Plus: Adjustment for residence	12,948	13,302	12,118	10,847	13,071	13,652	−254,867	−293,114	−299,829	−285,743	−335,331	−336,930
Equals: Net earnings by place of residence	5,553,033	5,542,834	5,880,954	6,161,366	6,358,275	6,831,836	13,222,394	14,015,911	14,716,443	15,396,202	16,259,440	17,062,208
Plus: Dividends, interest, and rent[5]	1,825,849	1,907,573	1,898,659	1,935,376	2,071,147	2,433,098	3,911,716	3,955,511	3,905,392	3,862,540	4,048,047	4,628,991
Plus: Transfer payments	1,543,452	1,641,883	1,807,968	1,889,163	1,997,506	2,127,561	2,644,084	2,836,451	2,961,164	3,072,117	3,257,001	3,580,530
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,714,358	4,764,534	4,711,331	4,830,595	5,093,357	5,334,287	10,618,596	11,148,174	11,489,730	12,084,370	12,925,093	13,685,062
Other labor income	436,257	427,207	413,700	435,907	457,028	495,605	987,409	989,677	1,019,054	1,061,382	1,132,284	1,215,341
Proprietors' income[6]	782,284	758,579	1,191,358	1,335,944	1,291,719	1,536,909	2,736,760	3,132,970	3,504,660	3,651,363	3,792,344	3,884,129
Farm	−49,676	−106,193	259,166	332,463	197,495	383,481	1,121,784	1,510,745	1,786,035	1,742,701	1,700,384	1,676,332
Nonfarm	831,960	864,772	932,192	1,003,481	1,094,224	1,153,428	1,614,976	1,622,225	1,718,625	1,908,662	2,091,960	2,207,797
Earnings by industry:												
Farm	70,494	7,374	364,257	437,203	295,504	474,357	1,319,038	1,699,922	1,966,856	1,925,937	1,877,683	1,847,450
Nonfarm	5,862,405	5,942,946	5,952,132	6,165,243	6,546,600	6,892,444	13,023,727	13,570,899	14,046,588	14,871,178	15,972,038	16,937,082
Private	4,601,153	4,617,056	4,609,072	4,767,843	5,079,450	5,373,742	10,499,256	10,887,200	11,264,175	11,936,032	12,905,768	13,673,520
Agricultural services, forestry, fisheries, and other[7]	49,602	42,270	34,794	52,190	51,446	52,695	100,226	88,912	86,652	133,537	137,472	143,524
Agricultural services	32,512	30,532	28,004	43,086	42,782	43,919	98,707	86,703	83,362	130,836	134,194	140,427
Forestry, fisheries, and other[7]	17,090	11,738	6,790	9,104	8,664	8,776	1,519	2,209	3,290	2,701	3,278	3,097
Mining	246,940	232,679	201,384	203,151	235,566	247,713	68,190	77,214	52,468	51,758	56,502	54,660
Coal mining	58,925	63,195	59,978	54,605	54,589	55,915	3,084	2,505	2,649	(D)	(D)	2,273
Oil and gas extraction	122,379	108,619	70,489	62,459	66,915	63,116	43,632	51,999	25,730	25,233	28,682	26,849
Metal mining	38,477	30,928	39,211	56,878	81,590	101,025	−125	(L)	316	(D)	(D)	1,187
Nonmetallic minerals, except fuels	27,159	29,937	31,706	29,209	32,472	27,657	21,599	22,747	23,773	23,651	24,525	24,351
Construction	442,556	424,677	397,878	360,081	386,396	405,222	846,693	862,354	839,725	849,969	921,850	922,699
Manufacturing	559,346	551,532	549,775	556,956	575,694	619,250	2,042,917	2,075,958	2,109,554	2,187,623	2,389,257	2,486,725
Nondurable goods	203,504	202,653	209,581	209,324	213,235	215,802	959,336	1,012,940	1,057,049	1,083,807	1,183,656	1,231,092
Food and kindred products	65,411	58,515	62,056	63,034	63,184	60,172	558,949	586,851	597,944	592,531	655,149	693,633
Textile mill products	51	88	(D)	207	72	114	2,666	2,680	1,942	2,093	2,306	(D)
Apparel and other textile products	7,071	8,481	9,369	7,958	7,635	9,845	20,368	21,476	24,857	27,212	28,835	30,882
Paper and allied products	32,570	32,421	34,174	34,594	33,687	34,774	34,707	37,754	42,590	46,219	49,077	50,075
Printing and publishing	38,029	39,356	40,436	41,868	45,392	48,529	145,908	162,261	176,400	189,245	206,606	215,910
Chemicals and allied products	16,803	18,034	18,814	18,292	19,373	20,567	73,210	74,870	77,899	78,008	79,209	82,726
Petroleum and coal products	40,859	43,145	41,081	39,679	41,245	40,357	6,911	6,995	3,817	3,305	3,304	(D)
Tobacco manufactures	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)
Rubber and misc. plastic products	2,069	1,881	2,165	2,708	2,401	1,600	112,982	115,641	124,800	137,230	149,103	141,419
Leather and leather products	(D)	(D)	(D)	974	236	−166	3,627	4,408	6,793	7,954	10,057	10,349
Durable goods	355,842	348,879	340,194	347,632	362,459	403,448	1,083,581	1,063,018	1,052,505	1,103,816	1,205,601	1,255,633
Lumber and wood products	224,184	221,062	222,560	227,027	228,774	244,751	33,110	32,819	32,795	35,807	38,169	39,430
Furniture and fixtures	3,490	4,387	3,778	5,040	5,330	6,057	36,985	37,918	40,027	44,113	46,580	69,312
Primary metal industries	54,266	49,639	42,344	45,992	48,796	59,769	51,252	50,573	48,200	52,021	58,773	65,083
Fabricated metal products	14,180	13,580	14,263	13,544	13,674	15,200	159,113	161,520	154,872	162,513	170,740	150,379
Machinery, except electrical	9,481	10,587	11,203	11,888	12,539	14,400	301,382	280,302	284,476	291,827	332,972	353,406
Electric and electronic equipment	7,363	7,927	3,915	3,649	5,095	7,872	232,570	226,984	223,841	232,931	252,248	249,445
Transportation equip. excl. motor vehicles	1,043	1,371	1,239	1,334	2,249	2,509	50,819	52,470	44,240	44,798	47,835	50,326
Motor vehicles and equipment	2,912	2,989	2,721	2,912	3,515	4,123	63,438	61,731	64,604	75,049	83,085	84,168
Stone, clay, and glass products	28,663	26,511	26,395	22,775	22,161	25,327	55,499	57,512	58,419	59,263	61,804	66,174
Instruments and related products	2,692	1,788	2,236	2,654	3,663	4,543	82,174	84,667	86,059	91,215	99,089	110,234
Miscellaneous manufacturing industries	7,568	9,038	9,540	10,817	16,663	18,897	17,239	16,522	14,972	14,279	14,306	17,676
Transportation and public utilities	706,323	694,416	697,292	692,428	712,698	720,226	1,536,790	1,554,518	1,561,330	1,585,232	1,659,416	1,731,099
Railroad transportation	170,729	165,355	132,055	134,491	129,284	126,589	530,630	533,222	506,901	496,947	510,389	542,556
Trucking and warehousing	216,253	215,618	216,301	213,502	219,410	226,476	437,687	433,840	471,507	525,086	576,002	608,916
Water transportation	242	239	192	191	(D)	217	824	697	635	599	751	785
Other transportation[8]	47,940	46,654	52,619	54,540	(D)	61,853	72,867	72,413	76,691	88,330	98,306	102,895
Communication	119,521	103,997	120,968	120,998	124,019	125,173	357,114	363,837	364,959	376,956	390,924	398,952
Electric, gas, and sanitary services	151,638	162,553	175,157	168,706	179,122	179,918	137,668	150,509	140,637	97,314	83,044	76,995
Wholesale trade	375,438	366,329	343,211	348,598	355,271	386,504	1,047,054	1,063,158	1,062,475	1,135,644	1,256,697	1,330,256
Retail trade	744,399	739,068	718,467	730,373	794,937	849,978	1,374,121	1,423,253	1,451,584	1,503,272	1,623,135	1,718,345
Finance, insurance, and real estate	265,610	270,770	279,564	332,633	332,763	313,684	930,291	999,006	1,089,563	1,242,689	1,233,782	1,267,929
Banking and credit agencies	132,924	136,190	139,420	138,781	134,046	133,584	324,828	336,828	353,543	366,048	377,933	387,029
Other finance, insurance, and real estate[9]	132,686	134,580	140,144	193,852	198,717	180,100	605,463	662,178	736,020	876,641	855,849	880,900
Services	1,210,939	1,295,315	1,386,707	1,491,433	1,634,679	1,778,470	2,552,974	2,742,827	3,010,824	3,246,308	3,627,657	4,018,283
Hotels and other lodging places	58,568	59,793	59,783	64,443	65,525	68,365	60,936	61,782	63,825	67,496	67,179	67,541
Personal services	58,853	74,621	78,802	78,685	91,055	103,001	144,801	176,633	195,712	207,150	242,673	272,516
Private households	13,842	13,866	13,637	13,421	14,027	14,622	38,349	38,340	37,941	37,637	39,769	41,625
Business services	132,316	155,863	166,544	181,161	194,373	220,017	403,890	473,390	542,345	595,783	681,185	811,433
Auto repair, services, and garages	74,149	79,325	82,458	80,140	82,488	90,751	156,753	164,720	178,845	183,793	192,931	209,112
Miscellaneous repair services	37,133	32,056	34,693	36,096	42,084	48,201	76,253	66,728	79,432	77,624	94,568	99,429
Amusement and recreation services	21,156	24,038	(D)	34,664	38,933	42,339	43,268	46,192	53,037	57,644	63,214	67,582
Motion pictures	4,858	5,138	(D)	4,698	5,221	6,826	7,524	7,688	7,847	7,895	8,887	8,679
Health services	463,268	495,356	524,419	580,212	633,438	681,634	916,191	962,862	1,024,109	1,138,221	1,257,383	1,365,617
Legal services	85,167	95,128	111,314	123,737	138,945	145,963	194,072	211,147	249,251	259,435	294,285	316,433
Educational services	29,826	30,785	32,060	33,059	36,409	39,392	109,139	115,584	120,076	126,038	135,560	150,192
Social services	41,139	42,775	45,030	50,224	61,006	66,477	79,288	82,236	88,354	98,332	108,302	121,916
Museums, botanical, zoological gardens	659	752	(D)	902	1,017	1,066	2,505	3,277	3,651	3,964	4,337	4,780
Membership organizations	75,963	77,159	77,098	79,069	87,233	91,759	114,327	115,045	116,479	126,811	138,613	144,821
Miscellaneous services	114,042	108,660	126,019	130,922	142,925	158,057	205,678	217,203	249,920	258,485	298,771	336,607
Government and government enterprises	1,261,252	1,325,890	1,343,060	1,397,400	1,467,150	1,518,702	2,524,471	2,683,699	2,782,413	2,935,146	3,066,270	3,263,562
Federal, civilian	312,231	327,952	321,475	345,337	381,875	394,156	405,914	427,042	433,818	459,120	479,526	507,458
Military	94,635	97,425	103,252	111,337	118,575	133,145	331,031	356,189	374,984	398,660	405,215	415,825
State and local	854,386	900,513	918,333	940,726	966,700	991,401	1,787,526	1,900,468	1,973,611	2,077,366	2,181,529	2,340,279

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Nevada						New Hampshire					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**12,678,389**	**13,801,270**	**14,931,665**	**16,476,305**	**18,563,226**	**21,086,956**	**13,751,680**	**15,340,216**	**17,038,567**	**19,061,934**	**21,102,577**	**22,486,015**
Nonfarm personal income	12,634,354	13,771,831	14,899,305	16,422,607	18,504,334	21,010,760	13,716,743	15,307,931	16,998,219	19,001,991	21,038,802	22,432,576
Farm income[1]	44,035	29,439	32,360	53,698	58,892	76,196	34,937	32,285	40,348	59,943	63,775	53,439
Population (thousands)[2]	916.6	936.5	966.2	1,006.2	1,054.3	1,110.5	978.2	998.9	1,026.7	1,056.3	1,085.2	1,107.1
Per capita personal income (dollars)	**13,832**	**14,737**	**15,454**	**16,375**	**17,608**	**18,989**	**14,057**	**15,357**	**16,595**	**18,046**	**19,445**	**20,312**
Derivation of total personal income:												
Total earnings by place of work	9,601,359	10,351,093	11,191,786	12,479,738	14,109,658	15,855,593	9,086,004	10,204,524	11,474,551	13,018,908	14,415,849	15,018,385
Less: Personal contributions for social insurance[3]	422,478	477,752	546,289	587,193	687,978	798,832	510,441	604,116	663,476	724,195	827,137	893,804
Plus: Adjustment for residence	−233,265	−247,418	−259,273	−272,862	−319,980	−351,281	1,285,200	1,522,517	1,635,636	1,849,903	2,016,242	2,176,414
Equals: Net earnings by place of residence	8,945,616	9,625,923	10,386,224	11,619,683	13,101,700	14,705,480	9,860,763	11,122,925	12,446,711	14,144,616	15,604,954	16,300,995
Plus: Dividends, interest, and rent[5]	2,048,728	2,295,563	2,467,649	2,605,509	2,994,804	3,644,376	2,281,705	2,509,510	2,760,317	3,004,791	3,424,512	3,936,229
Plus: Transfer payments	1,684,045	1,879,784	2,077,792	2,251,113	2,466,722	2,737,100	1,609,212	1,707,781	1,831,539	1,912,527	2,073,111	2,248,791
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,313,065	8,986,879	9,685,619	10,754,910	12,148,201	13,633,210	7,288,948	8,176,695	9,170,367	10,233,742	11,278,886	11,708,759
Other labor income	601,100	616,722	675,720	735,798	840,505	968,091	778,637	829,482	938,526	1,016,321	1,122,743	1,178,061
Proprietors' income[6]	687,194	747,492	830,447	989,030	1,120,952	1,254,292	1,018,419	1,198,347	1,365,658	1,768,845	2,014,220	2,131,565
Farm	23,048	8,829	12,119	32,636	37,964	55,248	20,539	18,072	26,246	45,132	48,812	38,183
Nonfarm	664,146	738,663	818,328	956,394	1,082,988	1,199,044	997,880	1,180,275	1,339,412	1,723,713	1,965,408	2,093,382
Earnings by industry:												
Farm	44,035	29,439	32,360	53,698	58,892	76,196	34,937	32,285	40,348	59,943	63,775	53,439
Nonfarm	9,557,324	10,321,654	11,159,426	12,426,040	14,050,766	15,779,397	9,051,067	10,172,239	11,434,203	12,958,965	14,352,074	14,964,946
Private	8,051,261	8,711,049	9,469,174	10,584,463	12,060,734	13,561,544	7,987,978	9,013,093	10,171,495	11,556,898	12,811,864	13,253,649
Agricultural services, forestry, fisheries, and other[7]	37,761	43,290	45,561	55,239	65,419	77,831	35,275	43,435	48,148	67,399	76,322	79,368
Agricultural services	31,194	34,421	35,857	49,041	56,027	66,756	25,488	32,176	38,506	61,693	70,467	73,716
Forestry, fisheries, and other[7]	6,567	8,869	9,704	6,198	9,392	11,075	9,787	11,259	9,642	5,706	5,855	5,652
Mining	228,212	231,467	244,813	315,209	447,823	582,095	31,190	42,723	23,713	28,269	36,933	33,417
Coal mining	(D)	426	306	(D)	(D)	0	0	0	0	0	0	0
Oil and gas extraction	(D)	35,001	14,478	(D)	(D)	24,254	21,766	31,873	8,791	(D)	(D)	16,440
Metal mining	155,591	152,272	186,312	264,464	389,305	519,896	(L)	(L)	(L)	(D)	(D)	113
Nonmetallic minerals, except fuels	46,400	43,768	43,717	35,738	34,610	37,945	9,435	10,848	14,897	18,864	21,167	16,864
Construction	754,497	809,806	926,348	994,944	1,248,011	1,564,986	830,196	1,048,257	1,280,453	1,450,168	1,577,193	1,441,760
Manufacturing	497,890	528,477	539,373	592,841	655,728	700,554	2,808,391	2,997,015	3,151,603	3,311,196	3,537,882	3,627,612
Nondurable goods	150,523	163,011	179,293	203,154	225,803	239,565	809,729	821,206	838,702	888,221	951,834	959,392
Food and kindred products	35,339	36,437	37,948	39,169	41,214	40,166	71,401	74,753	77,735	82,454	87,320	88,835
Textile mill products	1,497	1,787	1,767	1,451	1,281	1,262	73,643	70,172	73,909	82,388	87,950	93,577
Apparel and other textile products	3,654	4,886	4,729	4,547	7,563	8,553	34,852	34,049	33,163	30,939	30,614	(D)
Paper and allied products	3,441	2,775	2,625	3,116	2,852	1,796	158,777	162,832	166,209	186,042	192,673	198,822
Printing and publishing	61,611	69,319	77,201	91,619	98,866	107,723	132,236	148,782	164,076	192,120	218,099	216,957
Chemicals and allied products	21,718	21,800	24,303	24,509	25,535	26,975	26,213	29,163	32,178	37,717	43,642	(D)
Petroleum and coal products	1,642	2,191	1,983	1,035	1,291	887	806	(D)	1,813	1,319	1,600	1,726
Tobacco manufactures	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)	(L)	57	96	(L)
Rubber and misc. plastic products	21,610	23,796	28,704	37,689	47,218	52,217	204,613	215,314	212,467	205,186	222,482	222,467
Leather and leather products	(D)	(D)	(D)	(L)	(L)	(L)	107,171	84,583	77,138	69,999	67,358	68,160
Durable goods	347,367	365,466	360,080	389,687	429,925	460,989	1,998,662	2,175,809	2,312,901	2,422,975	2,586,048	2,668,220
Lumber and wood products	18,657	18,697	21,909	25,393	30,273	32,098	100,073	113,896	135,797	156,409	158,650	144,832
Furniture and fixtures	5,455	6,265	7,340	11,585	13,154	19,295	(D)	(D)	30,578	33,385	34,927	31,512
Primary metal industries	39,874	39,308	35,556	39,838	41,910	44,651	116,652	121,774	122,112	134,205	152,286	155,634
Fabricated metal products	27,522	29,701	32,016	33,163	40,326	47,393	159,203	164,122	164,059	171,171	191,153	197,413
Machinery, except electrical	58,158	68,064	66,793	64,802	68,786	60,659	680,514	772,828	844,286	877,740	940,705	967,039
Electric and electronic equipment	66,244	68,159	64,174	64,883	52,287	31,680	609,853	637,250	641,048	651,608	683,690	725,169
Transportation equip. excl. motor vehicles	14,064	6,510	4,109	8,179	9,513	12,972	23,365	33,196	39,596	39,164	35,549	37,475
Motor vehicles and equipment	15,670	17,303	7,713	5,710	5,411	9,603	(D)	(D)	1,587	1,718	1,942	1,841
Stone, clay, and glass products	40,662	42,749	45,743	51,210	64,010	70,868	65,197	74,249	82,857	93,577	101,630	105,502
Instruments and related products	18,155	18,410	20,682	23,319	28,030	57,949	172,307	181,210	202,964	215,880	231,186	245,560
Miscellaneous manufacturing industries	42,906	50,300	54,045	61,605	76,225	73,821	45,164	46,781	48,017	48,118	54,330	56,243
Transportation and public utilities	736,837	762,478	819,439	890,372	970,694	1,062,167	462,190	482,310	523,918	568,734	626,197	639,548
Railroad transportation	55,297	52,816	45,083	39,012	38,827	40,320	15,511	(D)	(D)	(D)	(D)	5,580
Trucking and warehousing	117,424	120,445	129,165	143,058	156,242	175,106	128,983	135,131	155,086	173,064	189,325	186,326
Water transportation	1,220	2,636	3,203	5,301	6,013	4,133	(D)	4,141	5,013	(D)	4,655	4,763
Other transportation[8]	201,396	209,156	243,426	276,740	301,799	326,512	(D)	(D)	(D)	64,045	(D)	79,209
Communication	184,701	183,131	183,245	196,420	213,551	238,011	161,334	160,515	158,383	169,778	190,446	179,726
Electric, gas, and sanitary services	176,799	194,294	215,317	229,841	254,262	278,085	116,514	125,414	145,325	149,242	163,453	183,944
Wholesale trade	347,287	389,320	432,418	497,658	576,928	669,906	484,960	564,622	637,012	756,057	843,667	891,421
Retail trade	1,024,036	1,102,483	1,167,037	1,284,247	1,433,106	1,585,927	1,038,074	1,164,168	1,361,971	1,567,906	1,757,347	1,811,957
Finance, insurance, and real estate	428,540	472,699	533,709	634,723	655,416	713,402	443,070	510,919	625,365	856,904	922,943	909,346
Banking and credit agencies	168,996	186,944	219,135	236,148	256,847	269,576	152,416	172,511	211,150	267,027	298,436	309,839
Other finance, insurance, and real estate[9]	259,544	285,755	314,574	398,575	398,569	443,826	290,654	338,408	414,215	589,877	624,507	599,507
Services	3,996,201	4,371,029	4,760,476	5,319,230	6,007,609	6,604,676	1,854,632	2,159,644	2,519,312	2,950,265	3,433,380	3,819,220
Hotels and other lodging places	1,408,577	1,759,851	1,876,459	2,125,406	2,525,697	2,763,149	84,121	92,943	100,321	117,308	126,693	123,940
Personal services	110,272	132,946	136,750	142,606	167,809	199,241	94,663	121,473	141,697	160,944	194,792	221,835
Private households	25,995	26,701	27,279	28,256	31,224	34,281	26,210	26,757	27,313	27,980	30,251	32,149
Business services	590,083	641,217	695,809	754,112	864,691	977,498	353,988	451,395	541,509	654,517	791,845	894,818
Auto repair, services, and garages	98,214	107,131	121,977	132,940	146,759	168,137	99,960	120,941	140,577	155,556	171,146	184,312
Miscellaneous repair services	44,170	41,459	46,632	47,044	56,201	62,519	32,374	32,550	41,040	43,170	50,781	55,944
Amusement and recreation services	717,542	557,975	581,032	615,343	548,569	520,465	46,992	52,917	62,206	73,116	83,656	91,063
Motion pictures	6,796	7,856	8,263	17,179	14,319	13,487	3,881	4,647	4,879	5,854	6,907	7,104
Health services	505,622	567,494	676,380	802,297	910,391	1,024,943	572,976	638,163	720,504	847,187	986,685	1,123,736
Legal services	127,132	143,394	161,602	192,898	214,361	234,848	108,798	124,818	151,651	175,779	204,423	223,871
Educational services	14,430	16,625	18,427	22,191	26,506	29,519	154,796	170,508	188,972	207,299	225,785	245,414
Social services	28,930	31,342	33,454	38,257	41,764	49,105	61,276	72,286	85,470	99,915	116,014	130,509
Museums, botanical, zoological gardens	158	176	232	723	1,198	1,377	1,660	1,760	2,135	2,167	2,581	2,906
Membership organizations	88,403	93,177	101,998	111,025	129,506	143,252	59,371	63,954	66,945	81,213	94,673	100,741
Miscellaneous services	229,877	243,685	274,182	288,953	328,614	382,855	153,566	184,532	244,093	298,260	347,148	380,878
Government and government enterprises	1,506,063	1,610,605	1,690,252	1,841,577	1,990,032	2,217,853	1,063,089	1,159,146	1,262,708	1,402,067	1,540,210	1,711,297
Federal, civilian	271,741	286,346	295,902	328,676	353,564	384,732	188,245	201,284	206,390	229,530	250,612	275,760
Military	217,307	217,203	221,421	232,382	226,396	267,989	97,528	106,097	112,189	115,413	113,939	118,786
State and local	1,017,015	1,107,056	1,172,929	1,280,519	1,410,072	1,565,132	777,316	851,765	944,129	1,057,124	1,175,659	1,316,751

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	New Jersey						New Mexico					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**123,602,112**	**133,333,392**	**143,110,319**	**155,737,430**	**171,762,974**	**183,622,398**	**14,978,694**	**16,238,244**	**16,889,851**	**17,761,326**	**18,789,055**	**20,165,315**
Nonfarm personal income	123,353,535	133,063,690	142,842,239	155,440,842	171,455,523	183,319,414	14,807,044	15,995,910	16,631,399	17,482,532	18,483,643	19,844,149
Farm income[1]	248,577	269,702	268,080	296,588	307,451	302,984	171,650	242,334	258,452	278,794	305,412	321,166
Population (thousands)[2]	7,511.3	7,561.0	7,625.3	7,674.4	7,721.1	7,739.3	1,427.2	1,451.3	1,477.4	1,496.1	1,507.0	1,525.2
Per capita personal income (dollars)	**16,455**	**17,634**	**18,768**	**20,293**	**22,246**	**23,726**	**10,495**	**11,188**	**11,432**	**11,872**	**12,468**	**13,221**
Derivation of total personal income:												
Total earnings by place of work	80,834,163	87,750,982	95,142,565	105,148,106	115,735,530	121,766,841	10,937,665	11,745,414	12,108,123	12,722,022	13,405,143	14,136,245
Less: Personal contributions for social insurance[3]	4,967,495	5,639,322	6,520,327	7,175,422	8,198,813	8,897,832	653,370	725,017	782,697	818,724	902,237	983,251
Plus: Adjustment for residence	10,396,926	11,567,422	12,824,724	13,753,079	15,425,278	15,624,176	3,318	3,753	8,142	19,329	19,660	17,917
Equals: Net earnings by place of residence	86,263,594	93,679,082	101,446,962	111,725,763	122,961,995	128,493,185	10,287,613	11,024,150	11,333,568	11,922,627	12,522,566	13,170,911
Plus: Dividends, interest, and rent[5]	22,481,111	24,059,511	25,171,327	26,471,025	30,090,449	34,347,771	2,341,417	2,650,758	2,792,274	2,860,925	3,029,060	3,509,448
Plus: Transfer payments	14,857,407	15,594,799	16,492,030	17,540,642	18,710,530	20,781,442	2,349,664	2,563,336	2,764,009	2,977,774	3,237,429	3,484,956
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	67,321,315	72,954,220	79,252,259	87,184,215	95,877,670	100,734,892	9,049,223	9,670,536	9,933,441	10,353,552	10,865,541	11,422,437
Other labor income	6,843,096	7,003,521	7,490,954	8,010,217	8,690,484	9,182,467	850,392	879,498	894,910	900,988	975,499	1,054,317
Proprietors' income[6]	6,669,752	7,793,241	8,399,352	9,953,674	11,167,376	11,849,482	1,038,050	1,195,380	1,279,772	1,467,482	1,564,103	1,659,491
Farm	180,314	203,207	203,223	229,016	240,199	235,522	108,312	180,523	197,944	215,824	243,026	258,848
Nonfarm	6,489,438	7,590,034	8,196,129	9,724,658	10,927,177	11,613,960	929,738	1,014,857	1,081,828	1,251,658	1,321,077	1,400,643
Earnings by industry:												
Farm	248,577	269,702	268,080	296,588	307,451	302,984	171,650	242,334	258,452	278,794	305,412	321,166
Nonfarm	80,585,586	87,481,280	94,874,485	104,851,518	115,428,079	121,463,857	10,766,015	11,503,080	11,849,671	12,443,228	13,099,731	13,815,079
Private	69,288,670	75,392,157	81,992,869	90,896,950	100,199,928	105,078,747	7,863,738	8,395,077	8,618,425	9,014,602	9,555,866	10,049,989
Agricultural services, forestry, fisheries, and other[7]	266,446	312,947	348,966	454,892	496,118	518,434	45,714	46,521	46,690	58,457	62,765	63,646
Agricultural services	252,683	284,480	310,460	421,193	454,603	475,573	42,329	43,649	44,138	56,832	60,978	61,620
Forestry, fisheries, and other[7]	13,763	28,467	38,506	33,699	41,515	42,861	3,385	2,872	2,552	1,625	1,787	2,026
Mining	246,198	332,682	151,294	167,684	234,256	250,244	696,513	703,160	558,530	508,461	529,789	535,148
Coal mining	847	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	100,284	99,792	96,820
Oil and gas extraction	186,112	269,849	79,110	83,278	139,747	146,935	(D)	412,679	(D)	268,148	285,329	282,388
Metal mining	3,504	(D)	(D)	(D)	(D)	(D)	130,973	116,084	83,731	79,663	76,303	77,810
Nonmetallic minerals, except fuels	55,735	59,560	69,110	79,577	89,234	97,244	75,422	(D)	59,143	60,366	68,365	78,130
Construction	4,733,289	5,392,216	6,122,348	7,000,666	7,881,919	7,904,028	924,817	942,741	931,377	881,985	899,386	898,094
Manufacturing	19,991,413	20,608,516	21,288,485	22,089,688	23,510,421	23,737,551	779,939	849,511	888,205	922,064	1,020,305	1,107,568
Nondurable goods	10,454,626	10,946,109	11,372,563	11,883,814	12,884,966	13,231,127	238,845	251,948	257,678	255,330	263,320	281,120
Food and kindred products	1,386,454	1,476,038	1,593,483	1,645,402	1,749,911	1,816,211	70,159	72,751	76,046	75,778	74,917	78,572
Textile mill products	325,444	336,628	333,925	355,718	376,110	386,095	15,540	16,064	17,959	16,717	16,108	16,427
Apparel and other textile products	728,412	718,553	741,014	744,639	767,147	750,147	19,567	19,301	20,193	22,733	24,124	28,255
Paper and allied products	893,263	897,018	871,923	880,643	928,251	927,510	2,819	2,447	2,424	2,283	2,548	3,073
Printing and publishing	1,450,967	1,639,695	1,727,818	1,868,927	2,038,903	2,098,146	62,036	68,587	70,386	73,373	77,664	79,519
Chemicals and allied products	4,180,825	4,399,633	4,614,314	4,842,343	5,451,094	5,680,340	21,703	19,323	17,460	17,054	17,062	18,349
Petroleum and coal products	536,896	528,091	536,639	564,968	581,008	599,322	40,002	45,811	43,427	35,865	38,387	40,941
Tobacco manufactures	13,247	11,750	10,629	10,333	(D)	8,010	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	861,208	860,174	867,142	895,004	905,887	895,478	2,204	3,343	4,791	6,126	7,169	10,066
Leather and leather products	77,910	78,529	75,676	75,837	(D)	69,868	4,806	4,317	4,985	5,391	5,331	5,908
Durable goods	9,536,787	9,662,407	9,915,922	10,205,874	10,625,455	10,506,424	541,094	597,563	630,527	666,734	756,985	826,448
Lumber and wood products	134,295	154,509	173,279	196,488	199,787	180,656	47,980	49,551	53,498	53,124	53,207	54,890
Furniture and fixtures	242,142	259,848	274,452	267,221	257,209	241,581	6,121	7,358	6,679	9,839	10,764	10,916
Primary metal industries	663,596	637,962	659,774	664,323	696,434	708,678	43,474	37,989	41,578	40,432	51,736	55,607
Fabricated metal products	1,343,802	1,395,687	1,433,686	1,411,257	1,450,173	1,432,394	23,760	28,288	26,437	25,121	24,951	24,862
Machinery, except electrical	1,713,630	1,783,751	1,810,942	1,821,907	1,980,250	1,973,982	65,826	67,758	64,222	62,033	83,718	89,954
Electric and electronic equipment	2,723,834	2,703,288	2,786,506	2,875,389	2,876,262	2,798,665	151,020	173,279	120,023	132,377	160,642	179,095
Transportation equip. excl. motor vehicles	149,598	161,608	160,465	179,854	208,895	191,624	74,920	92,796	106,889	114,698	119,192	117,096
Motor vehicles and equipment	392,468	353,412	296,708	369,516	370,408	345,614	26,460	33,240	29,251	34,679	51,365	65,568
Stone, clay, and glass products	677,998	683,585	716,502	738,331	760,289	748,722	56,374	60,881	58,664	55,099	55,558	59,829
Instruments and related products	987,775	1,039,485	1,107,021	1,154,369	1,237,161	1,281,643	25,480	28,749	101,915	113,298	112,019	130,102
Miscellaneous manufacturing industries	507,649	489,272	496,587	527,219	588,587	602,865	19,679	17,674	21,371	26,034	33,833	38,529
Transportation and public utilities	6,985,602	7,427,647	8,005,268	8,514,438	9,166,381	9,277,198	927,947	959,357	973,939	1,006,890	1,023,150	1,047,404
Railroad transportation	95,158	90,637	97,815	(D)	(D)	108,921	104,627	98,666	95,191	93,590	94,025	96,002
Trucking and warehousing	1,839,911	1,932,333	2,080,764	2,258,002	2,449,641	2,577,997	197,545	203,460	200,479	208,071	230,611	248,191
Water transportation	602,875	614,065	649,258	572,661	540,686	500,078	(L)	204	247	283	282	391
Other transportation[8]	1,045,017	1,164,063	1,277,045	(D)	(D)	1,653,333	80,270	83,088	87,592	95,056	102,898	111,662
Communication	2,335,112	2,478,695	2,706,647	2,964,808	3,224,799	3,078,406	212,217	214,770	210,816	223,979	225,870	230,809
Electric, gas, and sanitary services	1,067,529	1,147,854	1,193,739	1,200,316	1,320,227	1,358,463	333,243	359,169	379,614	385,911	369,464	360,349
Wholesale trade	7,023,194	7,559,857	8,210,760	9,205,360	10,322,178	11,009,871	487,037	525,887	520,113	548,620	581,800	606,942
Retail trade	7,381,141	8,077,361	8,905,773	9,738,662	10,689,734	11,082,282	1,183,150	1,257,142	1,306,959	1,357,850	1,436,132	1,497,870
Finance, insurance, and real estate	4,356,628	4,962,222	5,910,723	7,740,204	8,212,947	8,652,244	467,122	513,275	554,798	646,174	608,038	604,526
Banking and credit agencies	1,327,034	1,500,281	1,789,694	2,077,435	2,309,107	2,516,434	217,094	239,061	252,849	259,693	262,957	264,765
Other finance, insurance, and real estate[9]	3,029,594	3,461,941	4,121,029	5,662,769	5,903,840	6,135,810	250,028	274,214	301,949	386,481	345,081	339,761
Services	18,304,759	20,718,709	23,049,252	25,985,356	29,685,974	32,646,895	2,351,499	2,597,483	2,837,814	3,084,101	3,394,501	3,688,791
Hotels and other lodging places	1,192,780	1,332,590	1,415,745	1,580,349	1,716,006	1,845,177	106,574	107,967	113,581	122,929	126,250	131,195
Personal services	630,458	771,656	844,286	896,116	1,031,656	1,152,906	99,118	122,296	128,706	135,580	151,304	170,517
Private households	218,195	219,699	219,878	220,180	233,049	243,591	45,428	46,197	46,741	47,092	50,001	52,817
Business services	5,718,164	6,794,662	7,567,006	8,562,346	9,815,606	10,712,986	701,974	797,620	869,473	936,723	1,048,291	1,137,131
Auto repair, services, and garages	646,924	728,148	810,042	865,144	979,291	1,058,947	112,009	126,287	129,712	134,847	138,977	148,484
Miscellaneous repair services	379,768	386,375	437,940	464,255	499,831	531,826	45,733	45,831	47,818	45,050	49,887	55,320
Amusement and recreation services	338,701	405,531	451,479	508,941	602,177	625,617	44,181	48,457	54,718	60,666	65,517	69,518
Motion pictures	60,433	68,787	76,134	81,016	114,659	130,741	11,537	11,537	16,864	9,848	10,244	10,295
Health services	4,858,658	5,328,961	5,898,444	6,783,880	7,835,546	8,794,015	595,535	648,787	710,369	794,109	877,141	941,698
Legal services	1,167,567	1,310,660	1,492,233	1,722,478	2,013,513	2,222,787	143,723	165,047	180,112	201,228	225,555	244,330
Educational services	626,649	674,254	730,517	798,732	865,354	918,138	44,640	47,067	47,669	53,211	59,175	71,362
Social services	329,817	384,894	440,070	486,253	562,619	648,657	57,503	61,068	62,463	67,780	79,246	87,166
Museums, botanical, zoological gardens	4,373	4,763	5,453	5,617	6,479	7,904	774	978	1,206	1,398	1,694	2,297
Membership organizations	572,640	609,297	670,620	761,735	865,731	957,551	118,586	123,831	136,139	149,218	167,331	180,470
Miscellaneous services	1,559,632	1,698,432	1,989,405	2,248,314	2,544,457	2,796,052	224,184	244,513	292,243	324,422	343,888	386,191
Government and government enterprises	11,296,916	12,089,123	12,881,616	13,954,568	15,228,151	16,385,110	2,902,277	3,108,003	3,231,246	3,428,626	3,543,865	3,765,090
Federal, civilian	2,255,896	2,322,327	2,303,225	2,405,618	2,538,772	2,698,269	715,797	757,918	761,280	798,829	852,145	941,895
Military	543,558	550,862	582,110	582,558	584,214	587,410	368,087	392,747	408,965	422,917	412,972	414,054
State and local	8,497,462	9,215,934	9,996,281	10,966,392	12,105,165	13,099,431	1,818,393	1,957,338	2,061,001	2,206,880	2,278,748	2,409,141

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	New York						North Carolina					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**263,536,530**	**280,266,119**	**297,901,426**	**319,229,483**	**347,942,221**	**373,682,411**	**67,850,775**	**72,986,599**	**78,788,266**	**85,211,558**	**92,885,530**	**100,417,638**
Nonfarm personal income	262,980,247	279,694,930	297,251,799	318,530,714	347,242,287	372,841,159	66,341,331	71,760,321	77,467,242	83,827,175	91,327,729	98,634,212
Farm income[1]	556,283	571,189	649,627	698,769	699,934	841,252	1,509,444	1,226,278	1,321,024	1,384,383	1,557,801	1,783,426
Population (thousands)[2]	17,713.1	17,746.3	17,805.1	17,835.6	17,909.4	17,950.8	6,169.0	6,260.7	6,325.0	6,407.5	6,487.4	6,568.8
Per capita personal income (dollars)	**14,878**	**15,793**	**16,731**	**17,898**	**19,428**	**20,817**	**10,999**	**11,658**	**12,457**	**13,299**	**14,318**	**15,287**
Derivation of total personal income:												
Total earnings by place of work	194,740,278	210,475,590	227,288,764	247,036,310	268,969,496	281,746,888	52,104,714	56,116,874	60,919,111	66,606,288	72,542,334	77,465,205
Less: Personal contributions for social insurance[3]	12,511,953	14,142,992	15,895,283	17,114,405	19,297,979	20,743,311	3,039,471	3,451,122	3,762,131	3,979,261	4,477,917	4,943,466
Plus: Adjustment for residence	−12,462,241	−13,783,469	−14,956,454	−15,916,296	−17,559,503	−17,851,524	−37,000	−117,695	−180,722	−259,097	−313,219	−369,448
Equals: Net earnings by place of residence	169,766,084	182,549,129	196,437,027	214,005,609	232,112,014	243,152,053	49,028,243	52,548,057	56,976,258	62,367,930	67,751,198	72,152,291
Plus: Dividends, interest, and rent[5]	49,209,568	51,160,225	52,615,212	53,980,926	61,209,696	70,212,172	9,200,541	10,089,971	10,738,676	11,144,936	12,479,368	14,363,302
Plus: Transfer payments	44,560,878	46,556,765	48,849,187	51,242,948	54,620,511	60,318,186	9,621,991	10,348,571	11,073,332	11,698,692	12,654,964	13,902,045
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	161,976,271	174,869,926	188,973,076	204,405,210	222,127,817	231,977,101	42,568,107	46,184,364	49,844,937	54,518,961	59,161,284	62,987,579
Other labor income	15,159,054	15,491,683	16,483,658	16,942,061	18,086,120	19,069,374	3,995,871	4,114,991	4,479,543	4,791,703	5,222,955	5,629,915
Proprietors' income[6]	17,604,953	20,113,981	21,832,030	25,689,039	28,755,559	30,700,413	5,540,736	5,817,519	6,594,631	7,295,624	8,158,095	8,847,711
Farm	310,616	326,792	407,128	443,286	443,606	580,065	1,275,295	993,904	1,090,553	1,140,468	1,311,697	1,532,462
Nonfarm	17,294,337	19,787,189	21,424,902	25,245,753	28,311,953	30,120,348	4,265,441	4,823,615	5,504,078	6,155,156	6,846,398	7,315,249
Earnings by industry:												
Farm	556,283	571,189	649,627	698,769	699,934	841,252	1,509,444	1,226,278	1,321,024	1,384,383	1,557,801	1,783,426
Nonfarm	194,183,995	209,904,401	226,639,137	246,337,541	268,269,562	280,905,636	50,595,270	54,890,596	59,598,087	65,221,905	70,984,533	75,681,779
Private	165,300,248	179,009,451	193,071,925	209,968,155	228,783,433	238,022,690	41,931,519	45,428,794	49,428,125	54,304,298	59,246,652	63,001,830
Agricultural services, forestry, fisheries, and other[7]	568,753	624,756	678,920	818,588	898,867	939,799	209,560	254,550	268,404	367,260	404,443	424,366
Agricultural services	409,136	443,239	478,257	607,556	671,941	703,244	181,651	204,807	215,249	317,803	344,022	363,081
Forestry, fisheries, and other[7]	159,617	181,517	200,663	211,032	226,926	236,555	27,909	49,743	53,155	49,457	60,421	61,285
Mining	705,406	881,398	443,815	446,629	628,921	640,261	188,749	237,190	156,233	173,809	206,044	216,630
Coal mining	8,889	5,883	6,665	2,607	2,982	3,065	795	485	469	242	292	315
Oil and gas extraction	543,746	726,590	286,255	274,201	439,864	449,726	76,215	117,758	33,038	34,496	56,566	60,000
Metal mining	39,498	30,467	25,478	39,562	41,139	36,231	207	531	378	1,035	1,427	1,626
Nonmetallic minerals, except fuels	113,273	118,458	125,417	130,259	144,936	151,239	111,532	118,416	122,348	138,036	147,759	154,689
Construction	8,808,289	10,174,457	11,703,822	12,823,180	13,964,604	14,315,827	3,214,997	3,780,204	4,248,649	4,523,372	4,945,296	4,997,851
Manufacturing	37,096,793	38,304,791	38,841,182	38,783,376	41,198,308	41,642,103	16,044,402	16,613,736	17,885,061	19,169,560	20,549,536	21,450,008
Nondurable goods	15,416,787	15,757,921	15,929,083	16,166,890	17,483,016	17,533,350	9,049,243	9,210,205	10,089,995	10,934,775	11,677,542	12,157,805
Food and kindred products	2,242,110	2,320,544	2,343,010	2,392,031	2,493,206	2,511,562	807,761	857,664	923,121	1,025,497	1,107,609	1,128,033
Textile mill products	597,506	603,603	600,977	614,829	595,375	628,617	3,510,812	3,394,486	3,744,703	4,108,034	4,251,388	4,352,211
Apparel and other textile products	2,553,131	2,520,183	2,507,913	2,554,244	2,681,144	2,679,375	1,041,178	993,928	1,046,244	1,060,880	1,097,141	1,192,353
Paper and allied products	1,258,346	1,239,644	1,237,537	1,314,254	1,352,181	1,424,775	599,901	648,342	685,456	725,809	770,302	791,275
Printing and publishing	4,477,180	4,767,551	5,031,261	5,477,764	6,112,081	6,042,556	458,665	518,190	568,502	611,157	679,022	732,971
Chemicals and allied products	2,219,506	2,308,517	2,358,412	2,393,769	2,649,880	2,607,103	1,035,370	1,108,337	1,320,801	1,401,597	1,609,478	1,810,176
Petroleum and coal products	959,491	897,933	733,547	266,958	310,919	315,421	19,768	21,025	23,321	25,216	27,598	27,818
Tobacco manufactures	131,786	131,514	112,183	77,112	94,863	106,963	843,059	913,441	983,743	1,082,667	1,185,911	1,157,185
Rubber and misc. plastic products	650,218	675,054	721,024	794,277	914,026	938,766	676,122	701,107	739,000	837,785	886,792	903,432
Leather and leather products	327,513	293,378	283,219	281,652	279,341	278,212	56,607	53,685	55,104	56,133	62,301	62,351
Durable goods	21,680,006	22,546,870	22,912,099	22,616,486	23,715,292	24,108,753	6,995,159	7,403,531	7,795,066	8,234,785	8,871,994	9,292,203
Lumber and wood products	276,602	294,684	321,008	362,626	407,684	433,277	628,441	655,266	761,867	787,279	808,548	812,327
Furniture and fixtures	396,456	428,148	464,338	499,527	526,126	528,257	1,331,759	1,356,878	1,454,197	1,599,723	1,677,834	1,667,581
Primary metal industries	1,133,916	1,002,855	972,394	899,735	926,536	1,020,098	299,267	278,228	305,438	306,340	346,429	388,617
Fabricated metal products	1,788,867	1,859,432	1,861,898	1,877,832	2,006,813	2,030,635	608,328	619,849	651,378	651,991	694,142	729,175
Machinery, except electrical	5,161,116	5,304,328	5,281,221	4,977,876	5,337,978	5,218,036	1,495,272	1,619,284	1,681,608	1,770,540	1,941,388	2,181,161
Electric and electronic equipment	4,381,196	4,504,596	4,640,536	4,735,587	4,883,726	4,820,989	1,385,521	1,524,552	1,497,414	1,531,145	1,625,892	1,697,613
Transportation equip. excl. motor vehicles	1,333,218	1,442,435	1,496,436	1,504,458	1,449,149	1,389,083	87,193	96,951	103,334	125,371	149,883	142,213
Motor vehicles and equipment	1,197,581	1,410,764	1,389,127	1,280,811	1,289,781	1,522,057	415,737	463,117	495,682	534,626	601,126	638,589
Stone, clay, and glass products	935,297	923,616	986,198	1,026,757	1,102,654	1,153,003	408,680	437,622	472,470	503,324	549,531	594,965
Instruments and related products	4,006,603	4,346,122	4,446,893	4,352,225	4,601,709	4,789,703	234,663	244,339	252,699	294,738	334,338	293,115
Miscellaneous manufacturing industries	1,069,154	1,029,890	1,052,050	1,099,052	1,183,136	1,203,615	100,298	107,445	118,979	129,708	142,883	146,847
Transportation and public utilities	14,628,585	15,131,661	15,216,605	15,940,584	16,748,737	16,856,446	3,592,515	3,849,376	4,193,487	4,586,126	4,900,128	5,179,331
Railroad transportation	614,072	634,000	618,461	633,659	647,181	677,251	210,788	209,548	193,256	172,516	185,615	186,627
Trucking and warehousing	1,972,007	2,005,541	2,151,521	2,337,757	2,508,748	2,608,035	1,346,833	1,379,611	1,451,704	1,587,268	1,697,333	1,737,436
Water transportation	577,683	571,364	516,946	484,390	437,281	427,382	22,252	28,567	26,697	26,524	28,939	31,999
Other transportation[8]	3,860,482	4,007,151	4,151,922	4,382,137	4,591,687	4,863,593	393,026	470,583	556,312	687,278	822,981	982,266
Communication	5,352,299	5,502,488	5,272,603	5,484,739	5,800,081	5,357,006	793,817	820,773	871,039	965,587	998,075	1,037,959
Electric, gas, and sanitary services	2,252,042	2,411,117	2,505,152	2,617,902	2,763,759	2,923,179	825,799	940,294	1,094,479	1,146,953	1,167,185	1,203,044
Wholesale trade	14,290,458	15,399,788	16,058,621	17,181,748	18,692,919	19,276,622	3,074,624	3,455,508	3,666,530	4,091,740	4,496,628	4,903,804
Retail trade	15,032,868	16,179,942	17,541,785	18,706,707	20,165,687	21,078,763	5,302,176	5,754,806	6,185,433	6,643,857	7,348,133	7,798,282
Finance, insurance, and real estate	23,824,243	26,420,025	30,765,380	37,152,109	40,428,005	40,284,808	2,139,914	2,358,253	2,722,017	3,422,290	3,441,738	3,585,941
Banking and credit agencies	7,803,274	8,165,189	9,236,446	10,060,099	11,315,408	11,799,197	895,463	987,569	1,118,999	1,279,230	1,383,017	1,490,664
Other finance, insurance, and real estate[9]	16,020,969	18,254,836	21,528,934	27,092,010	29,112,597	28,485,611	1,244,451	1,370,684	1,603,018	2,143,060	2,058,721	2,095,277
Services	50,344,853	55,892,633	61,821,795	68,115,234	76,057,385	82,988,061	8,164,582	9,125,171	10,102,311	11,326,284	12,954,706	14,445,617
Hotels and other lodging places	1,084,961	1,161,670	1,231,296	1,419,996	1,513,501	1,539,463	245,439	263,416	285,894	313,677	344,588	369,487
Personal services	1,452,363	1,740,465	1,881,876	1,984,823	2,287,887	2,485,410	500,511	619,875	680,004	732,272	830,528	938,399
Private households	912,090	913,995	909,272	905,828	957,388	1,000,924	357,259	362,626	364,418	367,072	391,326	413,150
Business services	11,205,834	12,788,305	14,222,220	15,471,784	17,231,354	18,545,517	1,387,960	1,693,802	1,953,186	2,278,961	2,632,480	2,970,623
Auto repair, services, and garages	1,189,965	1,336,415	1,441,647	1,590,735	1,662,111	1,750,873	436,241	496,698	537,613	576,056	615,635	675,871
Miscellaneous repair services	665,259	672,901	716,600	723,317	838,978	881,364	254,985	238,102	268,660	277,339	326,243	351,994
Amusement and recreation services	1,330,117	1,531,861	1,758,342	2,011,773	2,365,211	2,548,102	145,321	166,755	193,683	225,370	254,770	290,094
Motion pictures	961,091	1,112,364	1,126,739	1,285,777	1,395,817	1,569,395	34,822	35,999	45,117	44,580	35,572	39,277
Health services	13,215,705	14,476,328	15,589,009	17,503,102	19,589,007	21,595,762	2,378,579	2,593,307	2,864,878	3,327,496	3,913,822	4,382,417
Legal services	5,834,232	6,427,269	7,403,711	8,167,293	9,246,426	10,216,822	458,067	514,246	594,138	649,182	744,011	833,980
Educational services	3,206,163	3,505,526	3,820,271	4,090,271	4,430,377	4,763,518	556,597	604,807	657,628	733,431	815,066	911,103
Social services	2,014,882	2,254,288	2,590,923	2,860,539	3,168,216	3,614,940	213,513	239,581	270,628	307,785	355,455	413,752
Museums, botanical, zoological gardens	135,147	150,017	168,956	183,363	208,091	225,277	4,195	4,906	5,550	6,126	6,839	7,502
Membership organizations	1,807,414	1,907,722	1,955,388	2,192,701	2,430,605	2,582,589	347,162	341,955	352,111	382,925	412,483	425,131
Miscellaneous services	5,329,630	5,913,507	7,005,545	7,723,932	8,732,416	9,668,105	843,931	949,096	1,028,803	1,104,012	1,275,888	1,422,837
Government and government enterprises	28,883,747	30,894,950	33,567,212	36,369,386	39,486,129	42,882,946	8,663,751	9,461,802	10,169,962	10,917,607	11,737,881	12,679,949
Federal, civilian	4,231,379	4,432,245	4,437,297	4,666,909	5,037,653	5,260,775	1,228,236	1,321,702	1,352,484	1,421,203	1,593,125	1,665,106
Military	672,371	725,380	771,589	855,875	926,848	1,014,717	1,822,299	1,919,781	1,960,693	2,037,765	2,042,304	2,152,057
State and local	23,979,997	25,737,325	28,358,326	30,846,602	33,521,628	36,607,454	5,613,216	6,220,319	6,856,785	7,458,639	8,102,452	8,862,786

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	North Dakota						Ohio					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**7,930,244**	**8,182,182**	**8,386,307**	**8,526,996**	**8,328,993**	**9,037,057**	**134,761,491**	**141,971,547**	**148,974,900**	**157,249,818**	**168,342,741**	**179,381,445**
Nonfarm personal income	7,292,768	7,469,339	7,607,547	7,756,590	7,960,941	8,452,595	133,759,351	141,002,201	148,109,409	156,318,248	167,549,353	178,425,536
Farm income[1]	637,476	712,843	778,760	770,406	368,052	584,462	1,002,140	969,346	865,491	931,570	793,388	955,909
Population (thousands)[2]	686.8	684.9	678.5	671.4	667.0	660.0	10,744.0	10,747.4	10,778.1	10,815.5	10,854.5	10,896.9
Per capita personal income (dollars)	**11,547**	**11,946**	**12,361**	**12,700**	**12,487**	**13,693**	**12,543**	**13,210**	**13,822**	**14,539**	**15,509**	**16,462**
Derivation of total personal income:												
Total earnings by place of work	5,588,244	5,733,069	5,858,791	6,056,089	5,891,693	6,327,211	98,006,543	103,671,094	108,813,913	115,479,678	124,084,598	130,328,900
Less: Personal contributions for social insurance[3]	315,558	339,489	369,806	390,577	430,281	470,302	6,417,100	7,135,551	7,634,160	8,023,876	8,899,977	9,687,122
Plus: Adjustment for residence	−172,369	−168,937	−168,939	−175,222	−188,402	−193,372	−711,512	−844,002	−862,855	−827,413	−860,874	−896,195
Equals: Net earnings by place of residence	5,100,317	5,224,643	5,320,046	5,490,290	5,273,010	5,663,537	90,877,931	95,691,541	100,316,898	106,628,389	114,323,747	119,745,583
Plus: Dividends, interest, and rent[5]	1,658,708	1,699,206	1,692,167	1,584,468	1,575,457	1,752,780	21,825,963	22,775,103	23,573,279	23,944,617	25,821,547	29,376,516
Plus: Transfer payments	1,171,219	1,258,333	1,374,094	1,452,238	1,480,526	1,620,740	22,057,597	23,504,903	25,084,723	26,676,812	28,197,447	30,259,346
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,077,144	4,149,651	4,158,815	4,314,723	4,480,905	4,650,582	81,200,856	86,344,829	90,356,571	95,810,708	103,074,039	107,978,381
Other labor income	340,699	332,286	329,085	332,645	348,529	369,975	8,702,150	8,747,754	9,161,297	9,181,518	9,756,130	10,348,427
Proprietors' income[6]	1,170,401	1,251,132	1,370,891	1,408,721	1,062,259	1,306,654	8,103,537	8,578,511	9,296,045	10,487,452	11,254,429	12,002,092
Farm	568,541	643,524	709,269	695,803	292,168	506,026	830,174	800,804	699,931	759,535	623,341	785,866
Nonfarm	601,860	607,608	661,622	712,918	770,091	800,628	7,273,363	7,777,707	8,596,114	9,727,917	10,631,088	11,216,226
Earnings by industry:												
Farm	637,476	712,843	778,760	770,406	368,052	584,462	1,002,140	969,346	865,491	931,570	793,388	955,909
Nonfarm	4,950,768	5,020,226	5,080,031	5,285,683	5,523,641	5,742,749	97,004,403	102,701,748	107,948,422	114,548,108	123,291,210	129,372,991
Private	3,858,985	3,852,025	3,872,966	4,033,408	4,238,574	4,397,987	84,546,701	89,423,901	94,015,284	99,706,064	107,225,259	112,396,391
Agricultural services, forestry, fisheries, and other[7]	32,539	29,886	27,523	40,545	40,401	41,205	316,937	318,262	329,116	425,869	455,318	487,792
Agricultural services	32,026	28,999	27,019	39,927	40,101	41,142	300,822	311,507	326,057	422,916	453,026	486,101
Forestry, fisheries, and other[7]	513	887	504	618	300	63	16,115	6,755	3,059	2,953	2,292	1,691
Mining	224,952	216,987	153,681	135,004	142,280	143,105	1,139,002	1,159,445	914,354	863,574	840,193	833,050
Coal mining	56,654	63,985	56,960	52,508	53,965	56,123	520,203	489,167	469,274	(D)	366,408	365,487
Oil and gas extraction	157,506	143,695	86,173	71,895	77,851	75,695	508,213	558,138	313,760	(D)	319,623	306,753
Metal mining	−85	−207	−82	(D)	242	262	−1,580	−1,098	−178	12,872	13,595	14,597
Nonmetallic minerals, except fuels	10,877	9,514	10,630	(D)	10,222	11,025	112,166	113,238	131,498	132,380	140,567	146,213
Construction	431,692	358,608	343,699	344,393	337,379	331,807	4,821,655	5,045,621	5,368,441	5,954,343	6,560,750	6,885,278
Manufacturing	320,160	330,768	335,247	351,425	375,600	391,631	33,425,887	34,768,926	35,343,752	35,663,264	37,879,759	39,037,095
Nondurable goods	172,776	179,934	186,430	188,946	187,454	185,265	9,607,068	9,950,938	10,422,201	10,798,603	11,435,952	11,785,060
Food and kindred products	86,525	91,328	92,727	95,038	99,147	98,386	1,610,040	1,641,268	1,728,432	1,761,002	1,885,927	1,908,245
Textile mill products	8,100	8,643	9,107	8,641	10,227	8,116	96,538	98,030	107,678	106,489	111,554	118,767
Apparel and other textile products	3,246	3,171	3,304	4,279	5,306	5,777	265,057	267,882	269,047	260,532	268,546	266,947
Paper and allied products	1,289	1,331	(D)	1,404	1,411	1,511	1,045,612	1,096,630	1,153,233	1,183,643	1,253,931	1,278,819
Printing and publishing	37,379	39,220	40,141	39,732	41,484	42,771	1,493,448	1,593,267	1,698,673	1,802,149	1,954,511	2,062,477
Chemicals and allied products	2,794	2,892	3,139	3,892	4,669	3,407	2,084,936	2,178,040	2,300,325	2,416,642	2,624,503	2,736,413
Petroleum and coal products	16,395	16,150	16,807	16,580	17,159	17,805	431,085	467,365	463,686	509,133	501,688	495,956
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(D)	2,208	2,194	2,170	2,226	2,346	144
Rubber and misc. plastic products	17,046	17,194	19,699	19,280	8,054	7,509	2,496,167	2,533,381	2,627,865	2,687,421	2,748,227	2,840,136
Leather and leather products	0	(L)	(D)	96	(L)	(D)	81,977	72,881	71,092	69,366	84,719	77,156
Durable goods	147,384	150,834	148,817	162,479	188,146	206,366	23,818,819	24,817,988	24,921,551	24,864,661	26,443,807	27,252,035
Lumber and wood products	5,700	5,272	5,922	6,958	7,425	11,038	291,953	329,707	379,434	431,661	483,950	487,126
Furniture and fixtures	4,783	5,293	5,877	6,293	7,539	6,688	320,074	319,098	336,053	348,274	381,689	386,370
Primary metal industries	1,001	(L)	(L)	(L)	51	−870	3,991,348	3,828,762	3,643,007	3,721,448	4,119,149	4,268,573
Fabricated metal products	15,452	15,523	16,335	20,126	21,117	23,415	3,981,631	4,189,831	4,225,661	4,135,014	4,360,977	4,441,703
Machinery, except electrical	69,386	67,796	62,130	66,206	70,606	84,013	4,808,872	4,959,168	4,895,913	4,887,999	5,269,097	5,507,490
Electric and electronic equipment	3,246	4,610	5,917	7,091	20,862	19,754	2,440,633	2,508,581	2,548,134	2,545,721	2,605,714	2,686,348
Transportation equip. excl. motor vehicles	12,537	13,934	15,720	15,378	17,016	18,182	1,734,217	1,987,113	2,210,817	2,160,294	1,949,140	2,001,480
Motor vehicles and equipment	10,290	13,101	11,352	14,458	16,455	18,709	3,904,782	4,280,718	4,231,758	4,161,068	4,657,194	4,774,937
Stone, clay, and glass products	16,947	17,073	15,922	15,308	15,848	15,414	1,485,417	1,523,895	1,536,865	1,508,500	1,555,380	1,598,360
Instruments and related products	904	791	1,317	1,811	2,034	2,185	555,923	580,049	596,704	617,843	683,768	711,677
Miscellaneous manufacturing industries	7,138	7,483	8,296	8,874	9,193	7,838	303,969	311,066	317,205	346,839	377,749	387,971
Transportation and public utilities	538,365	537,366	566,176	573,663	602,981	616,374	6,437,601	6,486,340	6,788,275	6,988,254	7,383,048	7,651,170
Railroad transportation	86,926	83,415	83,494	86,179	87,083	88,806	624,984	621,198	613,891	554,998	568,558	552,009
Trucking and warehousing	148,560	138,779	140,675	150,538	154,673	160,660	2,180,736	2,151,411	2,202,491	2,312,774	2,465,175	2,496,168
Water transportation	131	147	216	121	108	156	106,716	105,703	105,574	106,794	113,308	133,189
Other transportation[8]	28,411	30,682	33,564	31,911	35,759	38,024	518,719	547,051	617,121	662,612	736,329	812,441
Communication	93,544	84,191	101,283	100,577	107,654	109,486	1,660,378	1,601,993	1,667,536	1,718,103	1,768,937	1,855,879
Electric, gas, and sanitary services	180,793	200,152	206,944	204,337	217,704	219,242	1,346,068	1,458,984	1,581,662	1,632,973	1,730,741	1,801,484
Wholesale trade	466,542	462,988	461,162	481,289	498,013	522,561	6,055,176	6,501,513	6,754,184	7,199,736	7,840,856	8,286,565
Retail trade	560,510	565,188	556,881	565,612	596,125	615,798	9,081,797	9,663,202	10,250,788	10,696,760	11,572,844	12,057,418
Finance, insurance, and real estate	248,580	260,501	275,077	307,427	301,120	305,488	4,399,750	4,708,459	5,295,990	6,541,161	6,676,268	6,801,929
Banking and credit agencies	123,025	129,088	134,910	140,468	140,261	142,747	1,666,701	1,766,667	1,935,909	2,088,837	2,212,169	2,365,475
Other finance, insurance, and real estate[9]	125,555	131,413	140,167	166,959	160,859	162,741	2,733,049	2,941,792	3,360,081	4,452,324	4,464,099	4,436,454
Services	1,035,645	1,089,733	1,153,520	1,234,050	1,344,675	1,430,018	18,868,896	20,772,133	22,970,384	25,373,103	28,016,223	30,356,094
Hotels and other lodging places	36,076	34,271	32,598	33,491	34,439	36,608	311,270	339,404	346,941	390,146	421,546	442,645
Personal services	62,069	78,357	84,133	91,134	102,142	113,676	871,514	1,062,249	1,130,157	1,198,979	1,350,031	1,499,416
Private households	14,695	14,647	14,459	14,246	14,863	15,319	248,629	248,602	247,026	246,721	260,352	272,563
Business services	92,228	97,543	97,967	106,922	121,735	132,892	2,872,145	3,407,503	3,809,228	4,349,575	4,831,680	5,402,455
Auto repair, services, and garages	43,204	49,108	54,094	54,393	55,295	57,306	688,369	775,773	840,599	892,388	948,590	1,016,955
Miscellaneous repair services	25,475	22,116	25,753	25,285	28,036	29,747	290,584	291,804	318,536	349,546	402,501	435,102
Amusement and recreation services	13,821	15,283	17,256	17,996	20,026	21,118	445,288	504,121	553,481	600,431	687,921	712,699
Motion pictures	2,149	2,095	2,110	1,945	2,269	2,384	43,984	44,735	46,496	49,462	57,500	62,578
Health services	500,702	519,442	546,273	591,684	640,077	672,459	7,328,028	7,855,098	8,469,023	9,443,537	10,317,757	11,017,090
Legal services	49,946	53,699	59,799	61,059	66,944	69,079	1,286,692	1,398,250	1,585,295	1,721,576	1,953,372	2,082,850
Educational services	23,293	25,249	25,811	26,963	28,431	30,674	801,921	862,716	928,858	1,003,956	1,081,964	1,124,065
Social services	30,740	32,790	36,939	42,445	48,567	54,806	562,126	614,578	669,490	736,062	803,261	876,141
Museums, botanical, zoological gardens	299	346	437	586	698	987	33,247	36,122	39,339	43,928	47,382	50,912
Membership organizations	58,446	62,078	63,730	68,116	73,952	76,168	873,778	904,037	928,134	1,021,192	1,118,719	1,170,506
Miscellaneous services	82,502	82,709	92,161	97,785	107,201	116,795	2,211,321	2,427,141	3,057,781	3,325,604	3,733,647	4,190,117
Government and government enterprises	1,091,783	1,168,201	1,207,065	1,252,275	1,285,067	1,344,762	12,457,702	13,277,847	13,933,138	14,842,044	16,065,951	16,976,600
Federal, civilian	200,972	213,811	223,936	240,776	256,485	268,496	2,406,023	2,531,793	2,516,851	2,664,853	2,812,261	3,001,372
Military	234,371	246,618	246,840	258,327	261,690	269,322	447,870	525,701	510,040	534,897	547,689	566,748
State and local	656,440	707,772	736,289	753,172	766,892	806,944	9,603,809	10,220,353	10,906,247	11,642,294	12,706,001	13,408,480

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Oklahoma						Oregon					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**38,824,384**	**40,234,719**	**40,596,296**	**40,820,420**	**43,031,560**	**45,614,132**	**32,302,376**	**33,951,399**	**35,479,110**	**37,721,146**	**41,175,374**	**45,129,472**
Nonfarm personal income	38,195,129	39,534,774	39,536,040	39,746,347	41,854,960	44,447,064	31,719,498	33,325,180	34,686,539	36,873,991	40,149,330	44,121,266
Farm income[1]	629,255	699,945	1,060,256	1,074,073	1,176,600	1,167,068	582,878	626,219	792,571	847,155	1,026,044	1,008,206
Population (thousands)[2]	3,312.6	3,306.1	3,300.6	3,259.2	3,242.1	3,232.5	2,676.5	2,685.8	2,702.6	2,723.3	2,766.6	2,819.0
Per capita personal income (dollars)	**11,720**	**12,170**	**12,300**	**12,525**	**13,273**	**14,111**	**12,069**	**12,641**	**13,128**	**13,851**	**14,883**	**16,009**
Derivation of total personal income:												
Total earnings by place of work	28,014,330	28,612,896	28,536,123	28,674,943	30,237,178	31,640,272	22,639,911	23,911,565	25,327,083	27,346,125	30,139,783	32,551,981
Less: Personal contributions for social insurance[3]	1,645,540	1,764,859	1,761,587	1,769,887	1,939,141	2,117,392	1,438,368	1,585,884	1,734,252	1,832,915	2,081,899	2,344,506
Plus: Adjustment for residence	225,797	255,449	276,534	313,703	320,718	308,213	−173,708	−224,661	−262,048	−331,407	−345,669	−412,395
Equals: Net earnings by place of residence	26,594,587	27,103,486	27,051,070	27,218,759	28,618,755	29,831,093	21,027,835	22,101,020	23,330,783	25,181,803	27,712,215	29,795,080
Plus: Dividends, interest, and rent[5]	6,435,324	6,936,536	6,785,984	6,482,949	6,782,043	7,667,715	5,978,170	6,217,892	6,476,889	6,583,020	7,072,276	8,197,926
Plus: Transfer payments	5,794,473	6,194,697	6,759,242	7,118,712	7,630,762	8,115,324	5,296,371	5,632,487	5,671,438	5,956,323	6,390,883	7,136,466
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	21,871,582	22,305,760	21,807,031	21,863,035	22,893,651	23,927,923	18,026,142	18,907,312	19,940,530	21,365,290	23,386,136	25,328,818
Other labor income	2,259,137	2,171,621	2,167,226	2,104,742	2,208,065	2,351,539	1,717,736	1,875,336	1,904,094	2,035,105	2,228,502	2,449,616
Proprietors' income[6]	3,883,611	4,135,515	4,561,866	4,707,166	5,135,462	5,360,810	2,896,033	3,128,917	3,482,459	3,945,730	4,525,145	4,773,547
Farm	528,771	601,592	963,729	973,092	1,076,413	1,066,563	396,268	440,060	607,752	652,635	831,333	811,385
Nonfarm	3,354,840	3,533,923	3,598,137	3,734,074	4,059,049	4,294,247	2,499,765	2,688,857	2,874,707	3,293,095	3,693,812	3,962,162
Earnings by industry:												
Farm	629,255	699,945	1,060,256	1,074,073	1,176,600	1,167,068	582,878	626,219	792,571	847,155	1,026,044	1,008,206
Nonfarm	27,385,075	27,912,951	27,475,867	27,600,870	29,060,578	30,473,204	22,057,033	23,285,346	24,534,512	26,498,970	29,113,739	31,543,775
Private	22,293,366	22,497,822	21,855,304	21,868,739	23,152,113	24,214,124	18,315,920	19,218,564	20,363,876	22,049,488	24,340,927	26,456,223
Agricultural services, forestry, fisheries, and other[7]	113,005	104,839	98,184	131,100	131,913	135,000	208,195	222,169	246,045	311,730	345,986	368,673
Agricultural services	106,744	100,846	95,828	127,613	128,007	131,603	104,422	104,663	111,109	167,151	181,604	196,699
Forestry, fisheries, and other[7]	6,261	3,993	2,356	3,487	3,906	3,397	103,773	117,506	134,936	144,579	164,382	171,974
Mining	2,506,379	2,346,510	1,935,495	1,727,702	1,714,098	1,720,270	80,474	96,433	58,310	58,325	68,493	73,349
Coal mining	55,485	44,760	(D)	29,118	27,465	25,406	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	2,405,172	2,256,303	1,844,203	1,651,350	1,639,080	1,651,377	(D)	57,850	19,153	(D)	28,956	31,482
Metal mining	1,309	1,083	884	1,599	1,922	2,192	(D)	(D)	(D)	2,001	(D)	(D)
Nonmetallic minerals, except fuels	44,413	44,364	(D)	45,635	45,631	41,295	25,438	26,821	29,502	29,795	32,210	34,620
Construction	1,868,019	1,729,099	1,557,537	1,426,036	1,535,070	1,543,247	1,108,316	1,201,297	1,301,145	1,365,861	1,593,909	1,813,204
Manufacturing	4,590,169	4,628,473	4,448,376	4,422,965	4,704,809	4,846,086	5,262,678	5,335,046	5,545,005	5,875,256	6,405,899	6,719,696
Nondurable goods	1,598,231	1,564,508	1,543,746	1,568,663	1,604,652	1,559,248	1,246,675	1,292,486	1,351,804	1,453,037	1,553,694	1,588,362
Food and kindred products	313,191	313,898	312,361	320,046	323,451	323,569	468,117	477,789	488,694	510,971	530,361	525,561
Textile mill products	19,336	17,492	18,270	18,909	19,655	17,999	28,160	29,437	(D)	36,737	39,118	40,716
Apparel and other textile products	104,476	104,350	103,009	102,745	106,523	106,233	40,493	35,962	38,478	41,113	43,863	47,086
Paper and allied products	102,141	99,420	111,290	108,359	108,001	115,529	335,324	353,200	367,519	384,047	390,216	410,878
Printing and publishing	229,731	243,944	244,871	245,830	248,595	256,137	232,496	251,903	265,663	298,251	339,107	341,669
Chemicals and allied products	98,927	97,381	94,479	99,043	107,216	107,933	59,167	61,339	61,849	66,728	71,620	76,935
Petroleum and coal products	386,597	339,413	335,347	353,111	352,393	275,164	15,581	11,607	16,287	17,214	22,855	20,172
Tobacco manufactures	344	217	315	407	420	432	(D)	(D)	97	135	156	67
Rubber and misc. plastic products	338,972	343,287	318,077	314,443	333,022	350,550	60,326	64,390	77,508	89,667	110,006	118,835
Leather and leather products	4,516	5,106	5,727	5,770	5,376	5,702	(D)	(D)	(D)	8,174	6,392	6,443
Durable goods	2,991,938	3,063,965	2,904,630	2,854,302	3,100,157	3,286,838	4,016,003	4,042,560	4,193,201	4,422,219	4,852,205	5,131,334
Lumber and wood products	62,108	54,077	53,534	59,917	70,537	72,120	1,812,709	1,785,546	1,835,117	1,941,759	2,066,317	2,070,433
Furniture and fixtures	33,984	32,903	35,114	35,756	43,814	45,425	48,715	50,425	51,243	57,845	66,220	75,364
Primary metal industries	123,070	120,246	121,601	120,148	140,589	157,747	309,132	296,263	301,159	344,503	386,446	461,585
Fabricated metal products	419,347	421,369	387,395	376,918	428,695	469,841	265,410	277,528	276,099	282,683	305,935	358,429
Machinery, except electrical	996,936	1,035,103	934,326	908,325	900,957	950,448	441,012	445,541	457,153	489,535	553,325	603,305
Electric and electronic equipment	268,339	249,085	236,390	219,094	320,093	360,655	335,080	346,732	356,581	403,474	475,722	546,499
Transportation equip. excl. motor vehicles	264,756	298,292	320,835	340,953	328,901	332,141	125,627	137,971	194,534	183,853	214,374	213,178
Motor vehicles and equipment	391,980	404,174	365,822	336,066	379,069	391,483	137,334	142,632	140,016	160,945	177,918	198,766
Stone, clay, and glass products	280,746	294,747	295,266	299,629	304,310	303,575	77,794	84,066	91,223	100,651	122,510	135,535
Instruments and related products	58,527	64,734	72,679	77,133	82,588	101,186	404,290	416,254	430,217	383,673	389,899	370,572
Miscellaneous manufacturing industries	92,145	89,235	81,668	80,363	100,604	102,217	58,900	59,602	59,859	73,298	93,539	97,668
Transportation and public utilities	2,124,861	2,145,377	2,232,192	2,246,836	2,324,581	2,465,821	1,829,277	1,871,272	1,905,254	2,040,755	2,237,678	2,389,059
Railroad transportation	107,635	99,513	98,156	94,925	98,282	101,138	205,521	197,248	182,934	173,635	177,539	190,998
Trucking and warehousing	602,069	559,384	542,046	536,767	551,871	504,602	632,716	647,631	693,963	754,983	803,921	873,621
Water transportation	3,046	2,965	3,007	3,055	3,274	2,812	83,141	72,344	73,738	79,266	85,154	91,238
Other transportation[8]	435,714	453,663	515,779	539,280	582,517	750,424	169,326	179,975	199,853	228,117	272,589	302,180
Communication	499,120	505,873	512,994	539,531	529,769	538,169	425,401	429,453	412,165	480,962	526,566	548,568
Electric, gas, and sanitary services	477,277	523,979	560,210	533,278	558,868	568,676	313,172	344,621	342,601	323,792	371,909	382,454
Wholesale trade	1,686,500	1,713,064	1,585,884	1,555,828	1,663,397	1,760,252	1,600,350	1,698,684	1,782,130	1,877,120	2,079,735	2,311,237
Retail trade	2,970,716	3,014,593	2,904,224	2,830,790	3,057,818	3,108,491	2,557,815	2,626,039	2,758,419	2,888,811	3,199,508	3,457,200
Finance, insurance, and real estate	1,474,064	1,497,151	1,543,994	1,627,197	1,563,629	1,563,596	1,129,901	1,187,907	1,306,497	1,585,554	1,609,088	1,684,079
Banking and credit agencies	669,948	694,015	697,071	649,217	626,734	619,349	450,413	465,468	499,075	526,930	557,603	594,092
Other finance, insurance, and real estate[9]	804,116	803,136	846,923	977,980	936,895	944,247	679,488	722,439	807,422	1,058,624	1,051,485	1,089,987
Services	4,959,653	5,318,716	5,549,418	5,900,285	6,456,798	7,071,361	4,538,914	4,979,717	5,461,071	6,046,076	6,800,631	7,639,726
Hotels and other lodging places	111,284	116,343	111,275	112,568	111,908	107,870	135,880	141,716	150,422	174,763	200,267	224,522
Personal services	280,758	351,910	363,570	370,329	417,337	469,560	221,465	268,130	285,357	292,649	343,053	395,505
Private households	102,159	102,047	101,355	99,691	103,761	107,885	57,960	58,135	58,041	58,203	62,143	66,025
Business services	1,035,004	1,129,506	1,140,847	1,205,387	1,357,203	1,560,448	726,977	850,431	953,290	1,091,946	1,271,887	1,486,547
Auto repair, services, and garages	314,638	346,749	351,611	349,334	356,828	382,817	263,599	292,405	314,835	332,270	351,373	389,499
Miscellaneous repair services	103,218	95,358	93,044	96,101	114,474	124,653	131,979	121,477	147,003	152,516	172,477	199,815
Amusement and recreation services	84,883	89,302	92,350	98,929	106,563	122,278	86,937	102,831	109,189	126,058	142,654	156,355
Motion pictures	15,396	17,697	14,801	15,354	16,574	18,641	17,848	18,644	20,079	21,277	26,982	31,222
Health services	1,503,648	1,594,468	1,695,843	1,854,562	2,023,316	2,181,383	1,617,919	1,756,207	1,897,207	2,137,186	2,346,690	2,594,200
Legal services	421,631	472,545	527,135	569,647	634,770	663,903	361,746	384,874	430,498	454,238	521,091	564,956
Educational services	126,891	132,539	139,564	154,620	168,081	182,641	148,792	156,516	167,408	189,655	205,764	224,078
Social services	127,493	134,244	147,195	159,073	167,390	183,228	140,649	158,501	179,564	201,352	225,647	258,923
Museums, botanical, zoological gardens	2,940	2,767	2,652	2,696	2,831	2,817	5,113	5,922	6,977	7,468	8,448	9,796
Membership organizations	236,943	235,538	237,652	252,619	275,258	288,103	226,942	240,682	250,241	273,646	303,527	324,653
Miscellaneous services	492,767	497,703	530,524	559,375	600,504	675,134	395,108	423,246	490,960	532,849	618,628	713,630
Government and government enterprises	5,091,709	5,415,129	5,620,563	5,732,131	5,908,465	6,259,080	3,741,113	4,066,782	4,170,636	4,449,482	4,772,812	5,087,552
Federal, civilian	1,252,341	1,362,979	1,372,306	1,445,065	1,467,310	1,570,037	777,561	811,361	810,111	882,592	969,084	1,029,301
Military	668,871	702,343	729,858	775,943	768,163	758,153	84,770	98,618	112,617	109,227	109,090	111,688
State and local	3,170,497	3,349,807	3,518,399	3,511,123	3,672,992	3,930,890	2,878,782	3,156,803	3,247,908	3,457,663	3,694,638	3,946,563

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Pennsylvania						Rhode Island					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**151,386,259**	**160,819,999**	**169,696,711**	**180,559,186**	**194,678,177**	**209,393,190**	**12,505,072**	**13,320,261**	**14,255,371**	**15,444,402**	**16,876,331**	**18,069,743**
Nonfarm personal income	150,404,144	159,926,733	168,756,818	179,639,958	193,804,052	208,325,273	12,470,214	13,272,394	14,205,620	15,398,033	16,829,327	18,026,913
Farm income[1]	982,115	893,266	939,893	919,228	874,125	1,067,917	34,858	47,867	49,751	46,369	47,004	42,830
Population (thousands)[2]	11,891.3	11,863.7	11,896.1	11,942.7	12,002.1	12,043.3	960.1	966.9	974.6	986.3	992.7	997.6
Per capita personal income (dollars)	**12,731**	**13,556**	**14,265**	**15,119**	**16,220**	**17,387**	**13,024**	**13,777**	**14,627**	**15,659**	**17,001**	**18,113**
Derivation of total personal income:												
Total earnings by place of work	105,584,566	111,457,968	117,828,075	127,597,107	137,890,640	146,295,704	8,462,056	9,098,276	9,919,292	10,870,176	11,879,040	12,511,542
Less: Personal contributions for social insurance[3]	6,697,884	7,380,685	7,938,262	8,552,759	9,628,793	10,582,881	597,152	670,742	742,580	786,163	895,690	981,883
Plus: Adjustment for residence	−8,491	81,708	24,173	−10,535	10,215	119,843	228,329	245,717	211,488	208,204	212,826	214,443
Equals: Net earnings by place of residence	98,878,191	104,158,991	109,913,986	119,033,813	128,272,062	135,832,666	8,093,233	8,673,251	9,388,200	10,292,217	11,196,176	11,744,102
Plus: Dividends, interest, and rent[5]	25,395,178	27,648,494	28,927,237	29,725,032	32,767,535	37,793,968	2,208,551	2,270,478	2,401,304	2,553,681	2,893,744	3,338,854
Plus: Transfer payments	27,112,890	29,012,514	30,855,488	31,800,341	33,638,580	35,766,556	2,203,288	2,376,532	2,465,867	2,598,504	2,786,411	2,986,787
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	85,254,396	90,126,144	95,032,207	102,666,790	110,834,355	117,280,272	7,030,964	7,574,388	8,228,276	8,976,367	9,791,767	10,299,521
Other labor income	9,320,512	9,420,867	9,914,814	10,515,649	11,306,293	12,076,674	710,518	724,295	792,405	853,879	923,713	978,516
Proprietors' income[6]	11,009,658	11,910,957	12,881,054	14,414,668	15,749,992	16,938,758	720,574	799,593	898,611	1,039,930	1,163,560	1,233,505
Farm	758,071	668,019	715,334	680,582	632,525	820,217	29,173	42,295	44,273	40,655	41,330	37,142
Nonfarm	10,251,587	11,242,938	12,165,720	13,734,086	15,117,467	16,118,541	691,401	757,298	854,338	999,275	1,122,230	1,196,363
Earnings by industry:												
Farm	982,115	893,266	939,893	919,228	874,125	1,067,917	34,858	47,867	49,751	46,369	47,004	42,830
Nonfarm	104,602,451	110,564,702	116,888,182	126,677,879	137,016,515	145,227,787	8,427,198	9,050,409	9,869,541	10,823,807	11,832,036	12,468,712
Private	90,651,247	95,823,865	101,667,983	110,272,909	119,664,059	126,790,504	7,071,135	7,592,995	8,339,468	9,186,153	10,043,188	10,558,544
Agricultural services, forestry, fisheries, and other[7]	363,720	372,174	398,729	527,945	574,662	615,629	44,123	67,739	92,587	99,073	116,540	120,141
Agricultural services	331,163	342,409	375,603	507,498	553,727	596,573	22,911	24,635	27,320	36,817	42,315	46,158
Forestry, fisheries, and other[7]	32,557	29,765	23,126	20,447	20,935	19,056	21,212	43,104	65,267	62,256	74,225	73,983
Mining	1,701,348	1,742,612	1,444,450	1,324,317	1,368,825	1,384,498	20,653	28,054	10,801	11,788	16,999	16,495
Coal mining	1,218,492	1,112,645	1,055,459	934,361	906,427	880,881	0	0	0	0	0	0
Oil and gas extraction	379,954	506,164	243,172	236,146	291,276	308,325	18,172	25,165	(D)	7,061	11,671	12,119
Metal mining	908	565	643	2,155	2,162	2,404	0	0	0	0	0	0
Nonmetallic minerals, except fuels	101,994	123,238	145,176	151,655	168,960	192,888	2,481	2,889	(D)	4,727	5,328	4,376
Construction	6,022,786	6,495,419	7,436,039	8,273,934	9,197,480	9,554,792	423,381	493,233	596,342	698,462	805,073	825,346
Manufacturing	29,071,207	29,467,089	29,460,879	30,553,582	32,633,356	33,499,730	2,524,177	2,523,909	2,650,343	2,714,838	2,814,853	2,862,523
Nondurable goods	10,507,250	10,872,904	11,183,864	11,676,230	12,493,408	12,920,826	760,528	772,310	814,572	832,180	873,603	884,612
Food and kindred products	2,037,061	2,122,048	2,203,061	2,310,303	2,457,460	2,591,442	60,343	62,043	67,589	66,095	70,756	70,377
Textile mill products	562,088	523,276	548,948	592,113	617,475	607,587	201,454	193,617	200,282	210,346	224,766	216,771
Apparel and other textile products	1,397,091	1,342,392	1,270,036	1,237,854	1,257,422	1,262,288	46,389	44,007	46,424	45,678	36,247	30,801
Paper and allied products	1,150,654	1,206,174	1,272,600	1,334,953	1,412,366	1,445,141	51,157	50,154	52,434	53,110	51,855	55,931
Printing and publishing	1,616,691	1,776,232	1,923,763	2,044,870	2,215,405	2,302,508	140,922	155,332	169,291	179,484	193,035	197,624
Chemicals and allied products	1,990,405	2,142,374	2,240,124	2,337,155	2,662,533	2,765,902	84,619	85,724	89,646	94,475	99,861	100,445
Petroleum and coal products	685,814	685,613	603,616	620,399	616,804	611,561	5,227	8,178	6,185	8,636	9,643	1,639
Tobacco manufactures	41,545	40,507	40,474	25,892	24,872	25,935	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	844,361	869,250	919,377	1,004,015	1,052,835	1,126,180	130,987	137,272	142,531	137,529	148,417	171,117
Leather and leather products	181,540	165,038	161,865	168,676	176,236	182,282	39,416	35,976	40,177	36,808	39,005	39,889
Durable goods	18,563,957	18,594,185	18,277,015	18,877,352	20,139,948	20,578,904	1,763,649	1,751,599	1,835,771	1,882,658	1,941,250	1,977,911
Lumber and wood products	439,220	496,337	601,359	702,247	788,505	817,709	25,704	25,239	29,099	29,833	30,116	27,577
Furniture and fixtures	402,259	428,146	442,802	483,191	513,863	525,625	25,479	30,588	33,913	36,106	40,743	46,751
Primary metal industries	4,124,286	3,729,549	3,322,272	3,386,122	3,680,746	3,913,849	202,370	140,509	138,824	135,094	134,214	129,897
Fabricated metal products	2,399,809	2,502,986	2,585,421	2,683,658	2,823,147	2,860,340	191,101	197,074	200,294	196,278	218,033	230,563
Machinery, except electrical	3,245,439	3,411,808	3,270,816	3,354,627	3,723,812	3,882,262	156,997	137,267	148,844	163,479	172,211	177,378
Electric and electronic equipment	2,836,863	2,823,976	2,778,846	2,794,363	2,816,603	2,887,542	276,037	286,379	313,264	316,203	290,730	293,857
Transportation equip. excl. motor vehicles	1,240,274	1,313,374	1,388,910	1,428,065	1,450,823	1,509,908	215,768	230,046	225,109	218,896	224,004	215,988
Motor vehicles and equipment	954,906	903,519	842,243	896,412	910,150	697,827	35,159	28,201	38,888	41,781	43,137	44,102
Stone, clay, and glass products	1,340,900	1,379,057	1,410,692	1,469,644	1,563,149	1,610,116	51,489	50,879	53,204	56,633	64,990	68,585
Instruments and related products	1,006,835	1,036,548	1,042,248	1,036,475	1,154,635	1,146,914	98,894	118,448	110,572	114,552	123,579	118,174
Miscellaneous manufacturing industries	573,166	568,885	591,406	642,548	714,515	726,812	484,651	506,969	543,760	573,803	599,493	625,039
Transportation and public utilities	7,707,649	7,878,421	8,229,915	8,612,646	9,126,367	9,597,437	366,770	385,484	418,101	456,924	487,043	489,675
Railroad transportation	740,828	760,290	763,956	765,229	761,950	751,634	(D)	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	2,166,019	2,146,070	2,237,633	2,375,733	2,555,133	2,699,006	90,412	91,848	100,210	113,265	120,301	126,366
Water transportation	221,846	192,823	176,209	182,323	184,224	184,908	12,314	13,548	16,981	19,499	18,656	19,447
Other transportation[8]	902,333	979,783	1,100,304	1,180,681	1,294,479	1,414,538	(D)	(D)	(D)	(D)	(D)	(D)
Communication	1,786,787	1,691,853	1,754,705	1,855,084	1,949,345	2,068,946	126,286	131,263	140,355	148,013	155,784	140,672
Electric, gas, and sanitary services	1,889,836	2,107,602	2,197,108	2,253,596	2,381,236	2,478,405	80,628	87,490	90,490	97,437	109,853	115,084
Wholesale trade	6,332,942	6,722,813	7,138,613	7,757,273	8,598,267	9,218,735	448,166	505,384	553,173	608,508	665,296	721,097
Retail trade	9,977,940	10,503,784	11,295,998	11,894,495	13,071,521	13,854,342	842,530	924,687	1,023,520	1,130,856	1,249,665	1,303,067
Finance, insurance, and real estate	5,665,148	6,172,813	7,026,283	8,797,048	8,881,940	9,031,091	493,686	536,779	612,597	757,861	803,450	817,449
Banking and credit agencies	2,163,652	2,349,122	2,606,375	2,818,710	3,004,559	3,120,030	194,448	213,097	244,212	277,113	321,609	332,925
Other finance, insurance, and real estate[9]	3,501,496	3,823,691	4,419,908	5,978,338	5,877,381	5,911,061	299,238	323,682	368,385	480,748	481,841	484,524
Services	23,808,507	26,468,740	29,237,077	32,531,669	36,211,641	40,034,250	1,907,649	2,127,726	2,382,004	2,707,843	3,084,269	3,402,751
Hotels and other lodging places	526,724	581,642	615,918	678,335	719,078	774,532	30,506	37,181	36,231	42,780	49,176	52,339
Personal services	958,291	1,201,041	1,312,769	1,389,072	1,647,282	1,864,994	78,169	97,881	110,646	120,678	138,828	157,111
Private households	265,626	265,101	264,031	263,651	278,644	291,770	22,772	22,930	22,948	23,093	24,469	25,654
Business services	3,823,528	4,520,014	5,079,294	5,745,277	6,445,904	7,223,294	275,353	310,073	372,426	453,139	521,638	575,623
Auto repair, services, and garages	1,065,528	1,198,946	1,320,252	1,378,485	1,456,137	1,562,079	67,518	75,594	86,741	93,216	101,569	112,264
Miscellaneous repair services	445,507	439,425	471,943	486,050	536,952	572,693	36,402	35,660	41,486	41,750	44,348	47,134
Amusement and recreation services	490,952	545,608	579,163	632,816	723,949	792,675	37,336	43,201	47,783	53,118	58,720	62,914
Motion pictures	65,382	69,146	74,952	79,894	88,405	97,511	3,152	3,231	3,149	3,108	3,344	3,327
Health services	8,873,556	9,606,059	10,428,873	11,825,304	12,977,227	14,272,747	727,694	797,679	848,041	953,065	1,088,131	1,208,287
Legal services	1,694,127	1,884,973	2,138,852	2,380,124	2,782,934	3,103,622	140,586	154,884	180,910	203,289	238,405	255,805
Educational services	1,888,495	2,064,925	2,214,486	2,389,626	2,588,115	2,793,358	187,641	209,210	224,171	251,343	274,415	301,322
Social services	712,075	800,151	939,516	1,070,439	1,203,161	1,359,112	74,221	84,473	95,072	110,040	130,761	155,956
Museums, botanical, zoological gardens	26,131	28,089	30,157	32,812	35,275	37,626	645	2,382	2,503	2,810	3,267	3,832
Membership organizations	925,785	950,611	1,026,781	1,117,999	1,249,245	1,326,233	73,369	72,764	82,806	93,771	107,705	114,193
Miscellaneous services	2,046,800	2,313,009	2,740,090	3,061,785	3,479,333	3,962,004	152,285	180,583	227,091	262,643	299,493	326,990
Government and government enterprises	13,951,204	14,740,837	15,220,199	16,404,970	17,352,456	18,437,283	1,356,063	1,457,414	1,530,073	1,637,654	1,788,848	1,910,168
Federal, civilian	3,541,121	3,779,998	3,717,626	3,985,298	4,234,604	4,435,342	262,273	276,819	279,545	305,110	330,374	349,880
Military	568,316	612,851	635,081	730,343	720,481	687,499	146,664	168,738	196,346	198,956	207,484	216,183
State and local	9,841,767	10,347,988	10,867,492	11,689,329	12,397,371	13,314,442	947,126	1,011,857	1,054,182	1,133,588	1,250,990	1,344,105

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	South Carolina						South Dakota					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**33,475,940**	**35,780,067**	**38,338,937**	**41,355,984**	**44,924,344**	**47,904,887**	**7,483,422**	**7,810,576**	**8,321,413**	**8,787,397**	**9,083,848**	**9,892,718**
Nonfarm personal income	33,141,092	35,548,762	38,163,422	41,028,764	44,526,704	47,462,037	6,880,480	7,125,458	7,459,343	7,813,126	8,310,296	8,975,270
Farm income[1]	334,848	231,305	175,515	327,220	397,640	442,850	602,942	685,118	862,070	974,271	773,552	917,448
Population (thousands)[2]	3,295.4	3,333.5	3,380.2	3,424.4	3,469.0	3,516.3	705.2	708.2	707.6	709.4	713.0	714.2
Per capita personal income (dollars)	**10,158**	**10,734**	**11,342**	**12,077**	**12,950**	**13,624**	**10,612**	**11,028**	**11,760**	**12,387**	**12,740**	**13,852**
Derivation of total personal income:												
Total earnings by place of work	25,099,381	26,518,802	28,520,598	31,017,376	33,846,574	36,300,201	5,078,883	5,313,470	5,724,375	6,161,086	6,351,964	6,833,103
Less: Personal contributions for social insurance[3]	1,442,779	1,607,353	1,780,452	1,802,798	2,041,114	2,266,590	301,371	330,991	351,706	368,761	413,593	462,670
Plus: Adjustment for residence	380,011	449,080	562,822	615,662	615,124	564,887	8,669	11,556	12,098	8,362	9,011	6,057
Equals: Net earnings by place of residence	24,036,613	25,360,529	27,302,968	29,830,240	32,420,584	34,598,498	4,786,181	4,994,035	5,384,767	5,800,687	5,947,382	6,376,490
Plus: Dividends, interest, and rent[5]	4,279,590	4,715,185	5,007,016	5,204,522	5,701,693	5,806,594	1,481,741	1,528,748	1,577,680	1,569,527	1,634,418	1,896,703
Plus: Transfer payments	5,159,737	5,704,353	6,028,953	6,321,222	6,802,067	7,499,795	1,215,500	1,287,793	1,358,966	1,417,183	1,502,048	1,619,525
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	21,052,263	22,369,079	23,874,780	25,774,584	28,025,585	30,133,274	3,496,181	3,637,030	3,793,666	4,027,799	4,297,683	4,548,262
Other labor income	1,951,127	1,984,183	2,110,497	2,280,970	2,505,268	2,742,668	319,930	318,949	337,886	357,089	385,258	416,597
Proprietors' income[6]	2,095,991	2,165,540	2,535,321	2,961,822	3,315,721	3,424,259	1,262,772	1,357,491	1,592,823	1,776,198	1,669,023	1,868,244
Farm	258,024	155,416	100,471	247,584	317,341	360,795	529,526	613,770	792,989	903,120	703,695	848,607
Nonfarm	1,837,967	2,010,124	2,434,850	2,714,238	2,998,380	3,063,464	733,246	743,721	799,834	873,078	965,328	1,019,637
Earnings by industry:												
Farm	334,848	231,305	175,515	327,220	397,640	442,850	602,942	685,118	862,070	974,271	773,552	917,448
Nonfarm	24,764,533	26,287,497	28,345,083	30,690,156	33,448,934	35,857,351	4,475,941	4,628,352	4,862,305	5,186,815	5,578,412	5,915,655
Private	19,563,420	20,671,798	22,349,873	24,334,403	26,646,062	28,516,506	3,517,071	3,613,091	3,802,417	4,046,664	4,383,341	4,653,235
Agricultural services, forestry, fisheries, and other[7]	113,209	124,613	134,558	157,236	177,824	185,174	46,948	41,140	34,212	50,635	50,952	53,000
Agricultural services	74,244	82,407	91,698	115,548	130,005	134,501	43,096	37,423	30,245	48,252	48,323	50,451
Forestry, fisheries, and other[7]	38,965	42,206	42,860	41,688	47,819	50,673	3,852	3,717	3,967	2,383	2,629	2,549
Mining	70,840	89,257	53,935	60,629	76,032	80,092	86,053	87,806	87,672	89,882	101,804	102,648
Coal mining	(D)	(D)	(D)	(D)	(D)	555	646	629	887	(D)	(D)	553
Oil and gas extraction	32,157	50,470	13,915	15,214	23,446	24,773	10,425	12,948	6,453	(D)	(D)	8,691
Metal mining	(D)	(D)	(D)	(D)	(D)	9,331	52,991	53,505	58,107	62,618	71,005	74,775
Nonmetallic minerals, except fuels	38,029	37,849	38,876	44,144	50,851	45,433	21,991	20,724	22,225	(D)	21,818	18,629
Construction	1,770,736	1,867,259	2,084,260	2,144,866	2,399,014	2,495,325	277,635	280,684	302,914	309,607	331,331	345,062
Manufacturing	7,578,313	7,689,640	8,057,858	8,640,285	9,275,128	9,816,960	539,188	531,406	575,041	600,533	663,034	688,526
Nondurable goods	4,989,010	5,031,696	5,289,063	5,632,414	5,936,141	6,287,672	246,810	241,737	264,632	261,660	282,056	286,088
Food and kindred products	253,327	273,453	289,413	309,250	324,511	330,721	168,234	158,120	179,461	166,294	177,180	172,601
Textile mill products	2,012,765	1,920,141	2,021,517	2,180,316	2,244,650	2,215,242	69	88	299	188	191	(D)
Apparel and other textile products	533,594	500,852	524,502	545,615	558,061	579,024	20,248	19,842	17,174	20,428	23,388	26,988
Paper and allied products	476,710	504,111	543,788	569,220	595,015	643,523	3,924	4,589	(D)	5,297	7,442	7,776
Printing and publishing	166,521	184,638	198,181	217,507	236,504	259,872	35,887	38,209	39,754	42,341	44,675	47,252
Chemicals and allied products	1,010,011	1,071,412	1,105,995	1,153,642	1,311,099	1,542,896	3,850	5,378	6,352	6,735	9,499	3,235
Petroleum and coal products	14,818	12,813	14,977	(D)	(D)	14,475	52	(L)	(L)	53	343	(D)
Tobacco manufactures	9,765	9,456	8,315	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	507,567	550,799	578,095	632,148	641,076	694,477	13,734	14,989	16,304	19,937	19,134	27,498
Leather and leather products	3,932	4,021	4,280	4,111	2,627	(D)	806	506	(D)	377	194	(D)
Durable goods	2,589,303	2,657,944	2,768,795	3,007,871	3,338,987	3,529,288	292,378	289,669	310,409	338,873	380,978	402,438
Lumber and wood products	257,910	278,048	305,001	328,709	358,139	346,399	28,445	30,481	36,174	41,744	45,922	49,243
Furniture and fixtures	77,191	80,778	71,308	79,580	84,450	85,027	2,240	2,592	2,894	3,500	4,053	4,549
Primary metal industries	216,844	228,748	238,940	253,257	272,494	298,728	6,311	5,906	7,003	7,744	9,176	10,900
Fabricated metal products	317,844	332,829	344,566	367,131	411,298	449,922	22,222	23,389	27,019	30,837	34,933	35,584
Machinery, except electrical	687,609	689,708	720,187	781,707	893,817	980,386	84,090	82,419	87,904	98,298	106,456	93,255
Electric and electronic equipment	436,452	431,379	437,351	487,049	540,208	585,113	54,329	45,404	43,811	45,853	47,734	65,068
Transportation equip. excl. motor vehicles	91,792	100,882	97,486	111,418	121,586	119,907	3,222	2,626	3,155	4,070	5,355	3,976
Motor vehicles and equipment	70,535	75,579	86,648	116,140	152,911	162,538	16,109	16,459	18,406	20,829	26,666	28,967
Stone, clay, and glass products	258,832	262,625	275,531	285,083	304,580	305,623	23,391	23,581	24,024	19,338	21,931	26,488
Instruments and related products	113,107	116,986	124,909	130,200	124,740	116,466	35,437	37,859	40,297	44,436	46,809	47,355
Miscellaneous manufacturing industries	61,187	60,382	66,868	67,597	74,764	79,179	16,582	18,953	19,722	22,224	31,943	37,053
Transportation and public utilities	1,614,731	1,660,765	1,789,061	1,910,224	2,063,051	2,156,078	419,953	419,462	437,428	449,358	484,083	492,965
Railroad transportation	138,863	133,604	126,910	119,040	127,995	127,886	33,212	29,631	24,347	19,354	18,354	17,084
Trucking and warehousing	410,265	427,409	451,754	488,677	541,485	538,275	212,505	205,735	214,449	226,774	240,781	242,581
Water transportation	50,379	52,088	53,514	62,657	67,757	66,833	(L)	63	111	199	237	188
Other transportation[8]	108,806	120,901	140,608	174,294	209,643	241,223	26,704	26,423	31,197	30,213	32,814	35,067
Communication	356,533	353,229	399,235	436,109	439,840	476,451	77,831	75,186	84,432	89,121	90,847	94,638
Electric, gas, and sanitary services	549,885	573,534	617,040	629,447	676,331	705,410	69,678	82,424	82,892	83,697	101,050	103,407
Wholesale trade	1,159,741	1,250,465	1,309,214	1,414,000	1,527,550	1,648,470	347,088	349,094	345,477	366,497	405,464	429,780
Retail trade	2,472,754	2,674,508	2,900,609	3,154,849	3,534,668	3,719,391	567,141	576,503	580,820	603,682	648,794	690,960
Finance, insurance, and real estate	1,063,485	1,169,930	1,289,821	1,524,315	1,556,650	1,640,345	265,495	288,876	307,173	352,091	344,048	373,126
Banking and credit agencies	437,507	481,256	524,128	547,290	583,558	617,535	140,540	158,546	165,549	170,468	180,321	200,224
Other finance, insurance, and real estate[9]	625,978	688,674	765,693	977,025	973,092	1,022,810	124,955	130,330	141,624	181,623	163,727	172,902
Services	3,719,611	4,145,361	4,730,557	5,327,999	6,036,145	6,774,671	967,570	1,038,120	1,131,680	1,224,379	1,353,831	1,477,168
Hotels and other lodging places	189,502	205,344	232,486	256,678	280,935	266,941	29,718	31,823	32,344	35,696	49,236	50,426
Personal services	193,747	236,889	257,303	275,760	330,412	369,587	58,429	71,601	77,148	81,183	94,558	106,317
Private households	184,651	186,688	187,599	188,994	201,421	212,837	15,573	15,631	15,524	15,470	16,321	17,021
Business services	504,104	606,136	697,113	830,398	947,727	1,125,248	94,615	109,874	117,852	127,609	135,050	151,301
Auto repair, services, and garages	187,862	216,775	241,926	260,784	279,992	303,759	52,397	56,712	62,708	61,836	65,234	69,037
Miscellaneous repair services	94,916	98,559	109,177	125,254	150,366	178,400	28,976	24,966	29,777	29,426	34,657	37,579
Amusement and recreation services	89,259	102,639	109,193	122,365	126,588	141,729	16,983	18,307	20,907	23,527	25,193	28,063
Motion pictures	9,043	10,814	9,718	11,334	11,694	13,838	2,277	2,325	2,277	2,233	2,514	4,672
Health services	995,341	1,107,162	1,220,313	1,410,725	1,572,650	1,745,640	417,773	445,828	471,861	521,623	576,278	627,808
Legal services	269,594	298,593	354,456	391,921	466,035	510,656	53,059	56,720	64,159	66,769	75,618	81,454
Educational services	138,923	149,105	161,910	174,636	190,632	210,681	41,274	41,323	45,402	51,338	54,741	56,966
Social services	84,826	96,051	113,108	129,791	146,027	167,179	33,239	36,856	44,990	49,312	51,409	57,557
Museums, botanical, zoological gardens	917	1,263	1,637	1,929	2,222	2,472	69	72	78	144	183	265
Membership organizations	167,566	168,450	169,778	182,703	200,120	209,899	56,440	57,308	59,381	61,959	67,982	72,553
Miscellaneous services	609,360	660,893	864,840	964,727	1,129,324	1,315,805	66,748	68,774	87,272	96,254	104,857	116,149
Government and government enterprises	5,201,113	5,615,699	5,995,210	6,355,753	6,802,872	7,340,845	958,870	1,015,261	1,059,888	1,140,151	1,195,071	1,262,420
Federal, civilian	930,734	967,971	973,509	1,035,390	1,130,031	1,244,522	239,816	250,796	256,419	274,262	295,901	314,172
Military	1,299,336	1,321,156	1,353,889	1,382,294	1,382,027	1,427,672	135,699	140,489	149,614	173,800	176,762	186,954
State and local	2,971,043	3,326,572	3,667,812	3,938,069	4,290,814	4,668,651	583,355	623,976	653,855	692,089	722,408	761,294

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Tennessee						Texas					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**50,359,948**	**53,636,509**	**57,850,069**	**62,740,498**	**68,203,414**	**72,756,796**	**205,505,430**	**220,711,087**	**224,976,615**	**230,464,051**	**245,652,499**	**263,610,358**
Nonfarm personal income	49,650,331	53,107,847	57,409,412	62,111,607	67,451,951	72,063,688	202,997,072	218,045,939	222,341,698	226,887,135	241,887,348	260,154,839
Farm income[1]	709,617	528,662	440,657	628,891	751,463	693,108	2,508,358	2,665,148	2,634,917	3,576,916	3,765,151	3,455,519
Population (thousands)[2]	4,728.9	4,767.4	4,800.0	4,854.9	4,895.0	4,937.3	16,079.0	16,383.0	16,678.2	16,777.9	16,837.2	16,993.6
Per capita personal income (dollars)	**10,649**	**11,251**	**12,052**	**12,923**	**13,933**	**14,736**	**12,781**	**13,472**	**13,489**	**13,736**	**14,590**	**15,512**
Derivation of total personal income:												
Total earnings by place of work	38,171,509	40,652,412	43,774,022	48,131,450	52,167,504	55,223,772	159,858,743	170,686,266	171,767,321	176,276,116	187,403,702	197,455,005
Less: Personal contributions for social insurance[3]	2,213,577	2,492,752	2,683,122	2,812,457	3,155,108	3,480,010	8,477,920	9,534,648	9,711,214	9,966,350	10,881,417	11,891,557
Plus: Adjustment for residence	−467,176	−523,823	−601,212	−746,366	−794,261	−867,816	−391,706	−485,452	−465,706	−468,506	−495,890	−504,335
Equals: Net earnings by place of residence	35,490,756	37,635,837	40,489,688	44,572,627	48,218,135	50,875,946	150,989,117	160,666,166	161,590,401	165,841,260	176,026,395	185,059,113
Plus: Dividends, interest, and rent[5]	6,933,550	7,459,593	7,840,552	8,060,857	9,082,376	10,455,271	31,349,561	34,934,774	35,914,820	35,403,107	38,459,543	44,235,474
Plus: Transfer payments	7,935,642	8,541,079	9,519,829	10,107,014	10,902,903	11,425,579	23,166,752	25,110,147	27,471,394	29,219,684	31,166,561	34,315,771
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	30,584,171	32,836,492	35,288,416	38,586,738	41,576,999	43,955,282	128,725,780	137,621,376	137,421,013	140,158,446	148,319,804	156,208,043
Other labor income	3,007,782	3,083,537	3,364,718	3,632,861	3,926,996	4,243,360	12,915,913	12,961,224	13,349,391	13,550,488	14,535,556	15,592,003
Proprietors' income[6]	4,579,556	4,732,383	5,120,888	5,911,851	6,663,509	7,025,130	18,217,050	20,103,666	20,996,917	22,567,182	24,548,342	25,654,959
Farm	606,494	426,525	338,438	520,730	642,347	581,029	2,038,303	2,200,245	2,175,348	3,092,014	3,280,535	2,964,524
Nonfarm	3,973,062	4,305,858	4,782,450	5,391,121	6,021,162	6,444,101	16,178,747	17,903,421	18,821,569	19,475,168	21,267,807	22,690,435
Earnings by industry:												
Farm	709,617	528,662	440,657	628,891	751,463	693,108	2,508,358	2,665,148	2,634,917	3,576,916	3,765,151	3,455,519
Nonfarm	37,461,892	40,123,750	43,333,365	47,502,559	51,416,041	54,530,664	157,350,385	168,021,118	169,132,404	172,699,200	183,638,551	193,999,486
Private	31,682,782	33,885,776	36,737,121	40,299,448	43,678,530	46,492,152	134,265,444	142,697,552	142,745,187	144,901,211	154,121,123	162,513,812
Agricultural services, forestry, fisheries, and other[7]	146,935	146,015	142,657	208,918	216,157	230,658	749,468	816,707	789,555	937,010	994,410	1,019,963
Agricultural services	133,523	133,024	129,316	198,379	205,684	220,307	693,014	726,349	684,384	858,412	904,106	924,752
Forestry, fisheries, and other[7]	13,412	12,991	13,341	10,539	10,473	10,351	56,454	90,358	105,171	78,598	90,304	95,211
Mining	260,499	274,479	224,288	231,135	260,207	267,042	10,134,047	10,237,811	8,521,381	7,697,811	8,112,303	7,997,853
Coal mining	109,964	103,637	97,075	80,766	79,423	78,221	59,514	64,940	194,362	192,146	186,897	193,266
Oil and gas extraction	58,609	75,844	34,436	36,738	52,211	52,652	9,854,007	9,965,255	8,110,165	7,296,151	7,710,449	7,594,953
Metal mining	26,003	23,284	22,142	37,240	39,696	44,521	19,946	17,162	11,343	16,158	23,258	33,844
Nonmetallic minerals, except fuels	65,923	71,714	70,635	76,391	88,877	91,648	200,580	190,454	205,511	193,356	191,699	175,790
Construction	2,267,451	2,492,557	2,814,749	3,063,523	3,289,388	3,400,962	14,254,090	14,607,453	13,811,112	12,245,117	12,361,782	12,459,130
Manufacturing	10,366,367	10,699,625	11,260,776	11,870,675	12,760,075	13,391,012	26,401,209	27,677,067	27,562,697	28,146,807	30,560,072	31,715,783
Nondurable goods	5,058,953	5,145,341	5,366,154	5,640,483	6,037,523	6,379,583	11,042,265	11,376,249	11,710,860	12,029,022	12,941,314	13,239,046
Food and kindred products	820,648	866,644	919,800	961,820	1,019,876	1,043,540	2,079,323	2,159,877	2,289,022	2,349,680	2,436,670	2,503,272
Textile mill products	390,510	354,755	381,027	415,991	418,871	428,280	85,518	84,320	82,915	81,856	78,700	83,908
Apparel and other textile products	733,298	708,837	742,273	775,599	825,303	855,890	790,417	771,670	731,351	765,336	803,924	857,736
Paper and allied products	471,839	502,341	529,868	583,446	645,184	706,847	664,393	676,528	692,265	736,356	793,331	826,033
Printing and publishing	539,669	583,753	644,154	703,184	788,451	848,496	1,527,957	1,668,271	1,737,895	1,766,315	1,855,486	1,862,280
Chemicals and allied products	1,274,951	1,317,369	1,341,545	1,351,531	1,412,255	1,495,612	2,922,554	3,186,130	3,458,894	3,547,210	4,211,398	4,268,686
Petroleum and coal products	27,104	25,242	28,378	31,089	36,281	38,013	2,067,865	1,933,800	1,806,496	1,809,539	1,728,691	1,731,289
Tobacco manufactures	40,333	45,031	39,887	40,027	42,120	40,639	2,556	3,414	3,578	2,167	2,641	2,470
Rubber and misc. plastic products	572,812	595,179	606,063	640,345	708,187	776,260	789,708	781,462	798,815	853,484	913,311	980,888
Leather and leather products	187,789	146,190	133,159	137,451	140,995	146,006	111,974	110,777	109,629	117,079	117,162	122,484
Durable goods	5,307,414	5,554,284	5,894,622	6,230,192	6,722,552	7,011,429	15,358,944	16,300,818	15,851,837	16,117,785	17,618,758	18,476,737
Lumber and wood products	320,422	332,184	373,094	422,688	461,475	455,545	812,710	809,079	783,450	742,848	752,814	716,738
Furniture and fixtures	372,843	408,287	415,610	445,460	470,111	507,407	309,163	312,764	316,251	315,231	327,826	330,043
Primary metal industries	496,158	460,243	495,069	485,337	541,012	460,683	1,120,821	996,291	901,944	844,122	954,610	944,541
Fabricated metal products	927,733	1,000,947	1,038,304	1,060,218	1,154,560	1,239,897	2,008,297	2,063,206	1,957,809	1,938,478	2,061,146	2,214,261
Machinery, except electrical	854,053	896,313	920,640	965,426	1,049,086	1,121,308	3,751,562	3,946,865	3,256,542	3,150,176	3,532,815	3,765,771
Electric and electronic equipment	800,753	805,922	810,173	846,219	925,234	1,003,514	2,858,669	3,338,769	3,546,180	3,744,679	4,034,198	4,286,360
Transportation equip. excl. motor vehicles	342,306	384,277	448,816	492,387	440,459	431,832	1,930,405	2,170,319	2,516,094	2,840,416	3,125,140	3,337,125
Motor vehicles and equipment	433,234	475,225	542,131	596,275	678,688	752,857	454,779	464,835	396,550	431,866	547,184	518,355
Stone, clay, and glass products	371,258	379,283	410,090	440,015	465,266	469,852	1,151,930	1,222,404	1,208,973	1,120,359	1,118,231	1,122,638
Instruments and related products	189,648	209,778	225,120	232,542	259,131	289,161	574,896	595,966	599,661	590,407	708,025	761,426
Miscellaneous manufacturing industries	199,006	201,825	215,575	243,625	277,530	279,373	385,712	380,320	368,383	399,203	456,769	479,479
Transportation and public utilities	2,672,731	2,845,464	3,111,889	3,481,584	3,740,977	4,010,225	11,936,119	12,744,769	12,609,959	12,854,400	13,789,692	14,711,257
Railroad transportation	316,171	307,297	287,047	281,658	290,419	283,564	936,501	914,681	860,832	833,069	847,400	882,976
Trucking and warehousing	1,087,504	1,116,192	1,184,122	1,310,176	1,397,371	1,479,651	2,724,708	2,742,250	2,764,986	2,870,456	3,011,461	3,125,508
Water transportation	24,047	27,454	23,331	27,328	37,286	(D)	442,861	421,030	358,518	371,368	401,814	412,686
Other transportation[8]	536,752	626,236	773,179	891,463	1,014,454	(D)	2,256,760	2,490,844	2,674,447	2,956,330	3,278,101	3,654,777
Communication	571,302	604,305	630,682	717,923	745,847	781,882	2,769,038	2,998,222	2,983,270	3,294,105	3,338,683	3,495,113
Electric, gas, and sanitary services	136,955	163,980	213,528	253,036	255,600	268,187	2,806,251	3,177,742	2,967,906	2,529,072	2,912,233	3,140,197
Wholesale trade	2,557,795	2,774,694	2,965,653	3,256,701	3,499,897	3,728,189	11,715,985	12,402,783	12,407,193	12,242,582	13,129,852	14,085,589
Retail trade	3,995,670	4,267,379	4,555,261	4,958,744	5,415,900	5,639,199	17,010,828	17,926,126	17,945,914	17,826,607	18,533,246	19,295,886
Finance, insurance, and real estate	1,896,200	2,080,517	2,378,291	2,815,921	2,817,794	2,850,095	10,714,762	11,771,234	12,457,612	13,291,976	13,232,266	13,351,712
Banking and credit agencies	721,517	778,074	852,417	938,002	990,244	1,015,211	3,747,644	4,160,584	4,360,021	4,293,648	4,250,536	4,336,859
Other finance, insurance, and real estate[9]	1,174,683	1,302,443	1,525,874	1,877,919	1,827,550	1,834,884	6,967,118	7,610,650	8,097,591	8,998,328	8,981,730	9,014,853
Services	7,519,134	8,305,046	9,283,557	10,412,247	11,678,135	12,974,770	31,348,936	34,513,602	36,639,764	39,658,901	43,407,500	47,876,639
Hotels and other lodging places	320,278	341,491	363,268	407,120	438,247	467,960	986,689	1,031,770	1,026,780	1,086,382	1,087,837	1,077,314
Personal services	422,387	521,228	579,552	631,085	734,301	836,908	1,657,296	1,972,171	2,055,115	2,115,317	2,349,915	2,623,222
Private households	187,886	189,375	189,625	190,702	202,278	212,831	774,367	788,985	798,512	798,980	843,647	887,802
Business services	1,350,574	1,553,683	1,785,689	1,964,904	2,208,265	2,516,122	7,338,038	8,452,754	8,686,009	9,265,332	10,070,346	11,517,326
Auto repair, services, and garages	349,222	396,551	431,870	458,438	488,573	532,055	1,469,205	1,601,161	1,668,284	1,718,019	1,741,656	1,876,710
Miscellaneous repair services	166,593	155,959	181,850	184,271	215,368	230,398	722,111	684,164	685,673	680,969	747,418	834,912
Amusement and recreation services	160,117	183,430	214,119	248,271	285,461	315,290	598,915	667,610	717,792	777,271	883,366	941,471
Motion pictures	30,124	28,969	29,039	30,307	35,170	40,927	115,109	126,286	131,284	137,262	160,222	169,163
Health services	2,863,983	3,110,813	3,418,278	3,940,886	4,443,938	4,899,312	8,554,341	9,210,701	9,883,399	11,261,046	12,582,902	13,754,182
Legal services	421,008	455,577	520,841	561,190	639,332	714,018	2,691,995	3,082,230	3,588,028	4,034,685	4,598,327	5,069,179
Educational services	298,918	331,012	355,779	393,587	438,007	470,588	801,630	886,822	952,418	1,083,056	1,199,998	1,320,499
Social services	111,605	126,938	140,360	149,517	167,638	194,900	568,520	638,354	660,097	723,865	783,128	868,286
Museums, botanical, zoological gardens	2,783	3,628	4,089	5,120	6,523	7,642	25,776	28,802	33,344	35,543	38,598	41,694
Membership organizations	285,958	297,271	314,859	342,713	377,617	397,464	1,069,883	1,172,037	1,252,492	1,355,569	1,510,529	1,589,554
Miscellaneous services	547,698	609,121	754,339	904,136	997,417	1,138,355	3,975,061	4,169,755	4,500,537	4,585,605	4,809,611	5,305,325
Government and government enterprises	5,779,110	6,237,974	6,596,244	7,203,111	7,737,511	8,038,512	23,084,941	25,323,566	26,387,217	27,797,989	29,517,428	31,485,674
Federal, civilian	1,672,424	1,760,480	1,756,103	1,934,779	2,109,035	2,023,411	4,644,449	5,102,012	5,121,123	5,421,660	5,978,834	6,413,639
Military	306,055	315,009	327,981	349,247	355,652	368,371	2,740,877	2,875,016	3,043,103	3,173,276	3,182,712	3,253,315
State and local	3,800,631	4,162,485	4,512,160	4,919,085	5,272,824	5,646,730	15,699,615	17,346,538	18,222,991	19,203,053	20,355,882	21,818,720

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Utah						Vermont					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**16,425,857**	**17,512,175**	**18,391,267**	**19,372,665**	**20,687,514**	**22,353,064**	**6,122,074**	**6,620,711**	**7,147,988**	**7,823,534**	**8,579,547**	**9,353,629**
Nonfarm personal income	16,314,949	17,419,431	18,247,522	19,186,993	20,461,739	22,144,348	6,018,920	6,521,462	7,036,455	7,693,877	8,454,072	9,232,495
Farm income[1]	110,908	92,744	143,745	185,672	225,775	208,716	103,154	99,249	111,533	129,657	125,475	121,134
Population (thousands)[2]	1,623.8	1,645.1	1,664.0	1,679.6	1,689.9	1,705.8	530.1	535.2	539.9	547.1	557.4	566.4
Per capita personal income (dollars)	**10,115**	**10,645**	**11,052**	**11,534**	**12,242**	**13,104**	**11,549**	**12,371**	**13,240**	**14,299**	**15,391**	**16,514**
Derivation of total personal income:												
Total earnings by place of work	12,780,234	13,562,373	14,118,115	14,730,307	15,781,966	16,917,892	4,255,561	4,662,779	5,105,706	5,682,784	6,244,146	6,698,648
Less: Personal contributions for social insurance[3]	738,743	804,100	874,592	863,481	920,584	1,025,028	215,753	250,085	288,073	319,644	365,175	407,584
Plus: Adjustment for residence	57,769	73,779	78,402	66,444	80,002	89,068	33,290	37,183	47,775	72,220	80,861	93,907
Equals: Net earnings by place of residence	12,099,260	12,832,052	13,321,925	13,933,270	14,941,384	15,981,932	4,073,098	4,449,877	4,865,408	5,435,360	5,959,832	6,384,971
Plus: Dividends, interest, and rent[4]	2,147,192	2,329,736	2,416,509	2,537,053	2,688,427	3,137,016	1,099,754	1,178,777	1,241,798	1,312,290	1,468,409	1,708,788
Plus: Transfer payments	2,179,405	2,350,387	2,652,833	2,902,342	3,057,703	3,234,116	949,222	992,057	1,040,782	1,075,884	1,151,306	1,259,870
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,611,523	11,311,493	11,680,150	12,122,069	12,929,789	13,853,198	3,368,130	3,696,213	4,043,642	4,438,947	4,881,478	5,238,170
Other labor income	1,028,845	1,044,601	1,064,446	1,087,581	1,156,017	1,270,429	338,767	354,792	394,803	423,325	464,586	506,085
Proprietors' income[6]	1,139,866	1,206,279	1,373,519	1,520,657	1,696,160	1,794,265	548,664	611,774	667,261	820,512	898,082	954,393
Farm	63,746	46,882	99,280	139,980	181,082	164,655	73,460	69,926	82,324	98,904	94,507	89,666
Nonfarm	1,076,120	1,159,397	1,274,239	1,380,677	1,515,078	1,629,610	475,204	541,848	584,937	721,608	803,575	864,727
Earnings by industry:												
Farm	110,908	92,744	143,745	185,672	225,775	208,716	103,154	99,249	111,533	129,657	125,475	121,134
Nonfarm	12,669,326	13,469,629	13,974,370	14,544,635	15,556,191	16,709,176	4,152,407	4,563,530	4,994,173	5,553,127	6,118,671	6,577,514
Private	10,053,978	10,595,266	10,934,904	11,435,259	12,327,352	13,298,589	3,541,375	3,904,374	4,287,932	4,783,300	5,262,592	5,633,944
Agricultural services, forestry, fisheries, and other[7]	39,632	43,572	36,563	45,608	45,905	48,341	28,826	27,123	26,228	40,764	45,226	45,261
Agricultural services	38,513	41,729	34,875	43,871	43,811	46,581	23,048	23,723	24,995	38,753	43,813	44,285
Forestry, fisheries, and other[7]	1,119	1,843	1,688	1,737	2,094	1,760	5,778	3,400	1,233	2,011	1,413	976
Mining	467,958	377,867	309,498	311,206	332,527	343,302	24,335	29,034	17,112	18,488	23,227	22,567
Coal mining	119,090	128,159	129,152	117,686	118,842	123,660	0	0	0	0	0	0
Oil and gas extraction	149,437	133,568	79,448	64,253	72,321	69,790	12,610	18,283	(D)	(D)	(D)	8,686
Metal mining	176,661	90,811	73,847	105,516	117,143	124,626	(L)	(L)	(D)	(D)	(D)	(L)
Nonmetallic minerals, except fuels	22,770	25,329	27,051	23,751	24,221	25,226	11,730	10,757	12,311	13,515	15,115	13,870
Construction	1,070,843	1,084,912	1,026,846	905,367	914,658	960,035	334,460	398,233	465,493	531,572	601,976	634,474
Manufacturing	2,211,429	2,343,290	2,363,834	2,417,877	2,687,263	2,853,127	1,142,478	1,222,402	1,297,670	1,350,262	1,428,090	1,491,604
Nondurable goods	508,877	549,090	582,438	628,817	704,135	733,901	256,793	270,532	301,124	309,221	322,164	344,697
Food and kindred products	161,541	173,407	189,163	212,704	224,459	241,364	45,528	49,603	58,611	64,903	72,926	80,010
Textile mill products	1,858	1,060	1,247	2,733	4,588	4,755	12,893	12,944	13,108	14,220	15,958	11,635
Apparel and other textile products	65,658	64,412	64,621	62,777	64,259	65,279	20,544	17,082	18,467	17,521	16,647	16,143
Paper and allied products	16,565	27,018	32,254	33,433	36,259	42,353	58,162	63,603	66,563	66,085	65,977	69,279
Printing and publishing	117,517	128,863	138,988	148,680	166,703	178,975	71,930	78,639	92,047	95,390	105,110	113,077
Chemicals and allied products	80,464	83,816	82,338	82,597	106,633	105,477	15,912	16,046	16,980	17,749	18,987	20,912
Petroleum and coal products	39,652	41,354	40,972	42,417	42,141	46,024	342	(L)	(L)	(L)	(L)	5,689
Tobacco manufactures	(D)	(D)	(D)	52	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)
Rubber and misc. plastic products	24,901	28,472	32,065	42,914	58,706	49,089	27,282	29,183	30,573	28,405	24,819	26,846
Leather and leather products	(D)	(D)	(D)	510	338	561	4,192	3,414	4,744	4,900	1,688	(D)
Durable goods	1,702,552	1,794,200	1,781,396	1,789,060	1,983,128	2,119,226	885,685	951,870	996,546	1,041,041	1,105,926	1,146,907
Lumber and wood products	63,432	65,523	61,023	59,742	57,849	61,759	70,178	73,541	82,646	95,382	104,710	100,773
Furniture and fixtures	43,235	49,129	48,262	50,912	49,280	54,790	30,393	35,367	37,336	42,108	47,554	45,343
Primary metal industries	219,770	197,256	141,334	108,889	199,555	219,242	18,211	17,748	18,990	19,825	20,325	25,144
Fabricated metal products	157,968	151,833	144,831	147,242	159,385	179,095	99,068	105,415	104,236	104,795	105,161	103,709
Machinery, except electrical	377,150	406,982	412,879	395,535	371,111	221,710	114,048	116,309	113,567	111,438	124,574	135,222
Electric and electronic equipment	211,069	197,285	203,290	201,285	219,588	377,316	387,181	415,125	425,511	434,060	457,619	471,283
Transportation equip. excl. motor vehicles	370,486	454,317	486,697	537,994	574,666	607,861	63,593	75,950	90,469	96,419	93,091	100,930
Motor vehicles and equipment	32,199	32,614	34,927	38,681	41,336	61,727	5,996	5,220	3,795	2,922	2,142	3,746
Stone, clay, and glass products	108,135	112,665	113,369	102,677	101,753	108,228	48,873	54,606	57,754	67,329	79,133	86,179
Instruments and related products	75,963	78,037	86,260	90,088	117,321	130,434	34,500	39,070	49,526	52,837	54,804	57,965
Miscellaneous manufacturing industries	43,145	48,559	48,524	56,015	91,284	97,064	13,644	13,519	12,716	13,926	16,813	16,613
Transportation and public utilities	1,150,680	1,185,990	1,210,051	1,234,682	1,332,911	1,447,824	265,561	280,214	287,872	302,817	329,879	350,545
Railroad transportation	158,649	159,530	137,216	118,061	119,570	127,511	22,615	24,269	19,085	11,375	12,036	13,001
Trucking and warehousing	304,982	310,461	320,553	349,530	391,867	425,629	86,472	88,769	91,849	102,799	112,088	121,357
Water transportation	170	95	94	120	313	506	2,546	2,855	3,074	3,439	3,949	4,283
Other transportation[8]	162,240	163,273	183,802	220,496	277,692	326,146	28,466	30,910	35,737	41,089	42,909	46,460
Communication	251,498	263,561	251,359	251,995	242,678	248,659	70,806	71,336	73,241	76,757	83,156	81,233
Electric, gas, and sanitary services	273,141	289,070	317,027	294,480	300,791	319,373	54,656	62,075	64,886	67,358	75,741	84,211
Wholesale trade	818,765	874,827	904,189	906,188	986,095	1,096,969	193,903	227,154	248,958	296,985	348,197	364,169
Retail trade	1,257,003	1,330,703	1,386,327	1,423,843	1,497,806	1,613,305	465,848	511,481	553,013	617,088	690,516	737,405
Finance, insurance, and real estate	634,345	686,385	767,518	873,336	873,581	901,495	173,581	195,518	234,916	320,483	319,288	329,548
Banking and credit agencies	310,450	316,257	346,335	355,152	358,395	365,884	77,130	85,592	97,598	109,988	121,605	140,495
Other finance, insurance, and real estate[9]	323,895	370,128	421,183	518,184	515,186	535,611	96,451	109,926	137,318	210,495	197,683	189,053
Services	2,403,323	2,667,720	2,930,078	3,317,152	3,656,606	4,034,191	912,383	1,013,215	1,156,670	1,304,841	1,476,193	1,658,371
Hotels and other lodging places	84,294	87,700	81,115	99,308	98,403	97,853	96,965	103,603	120,975	142,337	154,440	162,986
Personal services	106,222	129,486	140,131	146,586	171,269	196,606	40,059	51,647	58,375	66,354	79,983	92,718
Private households	(D)	(D)	(D)	(D)	20,339	21,382	22,231	22,449	22,504	22,679	24,308	25,749
Business services	414,430	481,780	537,349	628,234	725,686	841,984	103,128	122,958	146,218	176,965	195,302	220,122
Auto repair, services, and garages	134,337	145,805	156,655	158,671	163,462	177,964	42,403	48,793	55,609	59,681	66,205	72,409
Miscellaneous repair services	70,634	71,292	74,407	72,767	83,148	90,661	14,006	11,862	14,952	16,551	21,978	28,991
Amusement and recreation services	64,709	75,601	81,748	90,152	98,455	109,374	18,125	19,179	22,119	26,020	28,442	32,953
Motion pictures	31,854	33,937	41,943	46,781	44,472	51,559	3,040	3,375	4,558	5,931	5,088	6,167
Health services	693,585	767,096	852,769	1,002,323	1,092,792	1,181,216	301,963	327,500	366,493	407,220	469,889	531,193
Legal services	148,252	158,816	179,347	206,445	223,285	246,583	54,200	60,867	70,348	78,379	91,809	104,398
Educational services	163,917	183,192	210,503	224,798	236,847	256,112	86,093	93,690	102,193	111,179	122,059	135,831
Social services	39,176	43,594	45,768	52,016	63,135	72,686	33,475	37,149	38,398	41,662	47,950	51,229
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	1,771	1,963	1,680	2,180	2,387	2,584	2,725	2,990
Membership organizations	207,736	222,595	239,671	274,692	314,986	339,920	25,990	27,224	28,464	30,660	36,572	40,350
Miscellaneous services	224,103	246,370	267,917	293,565	318,556	348,328	69,025	80,739	103,077	116,639	129,443	150,285
Government and government enterprises	2,615,348	2,874,363	3,039,466	3,109,376	3,228,839	3,410,587	611,032	659,156	706,241	769,827	856,079	943,570
Federal, civilian	922,916	1,011,554	1,025,900	1,054,990	1,089,977	1,177,408	112,304	121,406	123,006	133,628	151,054	161,570
Military	171,874	188,642	200,258	209,131	213,073	221,156	19,256	20,535	23,128	25,630	26,926	27,466
State and local	1,520,558	1,674,167	1,813,308	1,845,255	1,925,789	2,012,023	479,472	517,215	560,107	610,569	678,099	754,534

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Virginia						Washington					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**76,452,199**	**82,523,057**	**89,589,190**	**97,753,532**	**106,618,997**	**115,762,213**	**58,415,764**	**62,031,519**	**66,280,478**	**70,563,331**	**76,299,357**	**84,166,980**
Nonfarm personal income	75,950,661	82,198,915	89,174,531	97,223,607	105,980,358	115,103,698	57,227,109	61,006,401	64,858,652	69,109,317	74,799,221	82,532,090
Farm income[1]	501,538	324,142	414,659	529,925	638,639	658,515	1,188,655	1,025,118	1,421,826	1,454,014	1,500,136	1,634,890
Population (thousands)[2]	5,635.6	5,702.0	5,797.9	5,913.8	6,015.1	6,099.4	4,350.3	4,407.8	4,461.1	4,541.8	4,647.9	4,756.2
Per capita personal income (dollars)	**13,566**	**14,473**	**15,452**	**16,530**	**17,725**	**18,979**	**13,428**	**14,073**	**14,858**	**15,536**	**16,416**	**17,696**
Derivation of total personal income:												
Total earnings by place of work	53,554,532	58,420,199	63,904,759	70,703,398	77,079,204	82,571,680	41,470,885	43,755,600	47,266,154	50,795,846	55,198,009	60,362,738
Less: Personal contributions for social insurance[3]	2,882,378	3,262,845	3,630,554	3,859,086	4,355,507	4,798,612	2,339,700	2,594,759	2,857,117	3,118,032	3,487,847	3,945,694
Plus: Adjustment for residence	3,239,083	3,252,150	3,368,981	3,500,468	3,765,779	4,277,105	405,209	463,118	469,989	522,932	540,841	619,940
Equals: Net earnings by place of residence	53,911,237	58,409,504	63,643,186	70,344,780	76,489,476	82,050,173	39,536,394	41,623,959	44,879,026	48,200,746	52,251,003	57,036,984
Plus: Dividends, interest, and rent[5]	12,197,335	13,067,525	14,055,269	14,772,065	16,545,927	19,155,297	9,867,761	10,599,593	11,114,035	11,465,718	12,338,793	14,465,863
Plus: Transfer payments	10,343,627	11,046,028	11,890,735	12,636,687	13,583,594	14,556,743	9,011,609	9,807,967	10,287,417	10,896,867	11,709,561	12,664,133
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	45,322,345	49,651,306	54,026,185	59,510,828	64,686,087	69,189,142	33,735,440	35,696,080	38,221,097	40,970,099	44,469,589	48,584,178
Other labor income	3,957,883	4,136,530	4,544,970	4,916,176	5,343,058	5,826,022	3,039,504	3,079,973	3,284,311	3,437,479	3,730,681	4,168,012
Proprietors' income[6]	4,274,304	4,632,363	5,333,604	6,276,394	7,050,059	7,556,516	4,695,941	4,979,547	5,760,746	6,388,268	6,997,739	7,610,548
Farm	374,017	198,280	291,084	400,700	509,586	528,701	883,934	723,692	1,123,190	1,139,258	1,183,932	1,313,691
Nonfarm	3,900,287	4,434,083	5,042,520	5,875,694	6,540,473	7,027,815	3,812,007	4,255,855	4,637,556	5,249,010	5,813,807	6,296,857
Earnings by industry:												
Farm	501,538	324,142	414,659	529,925	638,639	658,515	1,188,655	1,025,118	1,421,826	1,454,014	1,500,136	1,634,890
Nonfarm	53,052,994	58,096,057	63,490,100	70,173,473	76,440,565	81,913,165	40,282,230	42,730,482	45,844,328	49,341,832	53,697,873	58,727,848
Private	38,891,472	42,912,589	47,531,262	53,071,513	58,053,605	62,114,341	32,316,840	34,159,650	36,939,875	39,862,445	43,531,774	47,859,062
Agricultural services, forestry, fisheries, and other[7]	181,624	222,000	255,612	314,333	349,840	376,965	372,192	505,466	637,103	702,478	830,605	873,247
Agricultural services	161,211	182,046	207,992	277,869	305,727	332,160	207,606	205,559	212,292	297,149	316,236	345,706
Forestry, fisheries, and other[7]	20,413	39,954	47,620	36,464	44,113	44,805	164,586	299,907	424,811	405,329	514,369	527,541
Mining	807,165	820,044	698,999	659,181	716,740	709,293	154,548	187,910	131,884	140,718	177,790	209,356
Coal mining	649,032	613,570	583,028	529,809	536,573	525,637	(D)	34,155	(D)	(D)	(D)	(D)
Oil and gas extraction	97,333	140,374	45,819	51,440	79,022	84,322	71,959	105,405	37,472	40,684	(D)	78,226
Metal mining	5,113	4,723	1,094	2,719	3,167	3,800	(D)	11,492	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	55,687	61,377	69,058	75,213	97,978	95,534	39,562	36,858	40,452	40,947	45,481	51,424
Construction	3,465,135	4,089,640	4,919,994	5,546,794	6,206,356	6,479,118	2,848,258	2,756,169	3,013,781	3,221,327	3,620,634	4,016,036
Manufacturing	9,421,608	9,922,064	10,485,335	11,102,487	11,667,484	12,058,558	8,755,818	9,208,621	10,057,471	10,542,758	11,564,683	12,757,865
Nondurable goods	4,763,573	4,942,336	5,225,378	5,543,210	5,736,705	5,951,799	2,344,200	2,473,632	2,572,052	2,697,921	2,919,805	3,269,455
Food and kindred products	704,904	750,325	783,664	808,081	792,292	784,637	690,393	707,791	721,222	753,283	803,780	903,471
Textile mill products	686,786	669,429	727,833	799,563	776,494	803,235	15,067	18,110	(D)	22,420	23,823	25,082
Apparel and other textile products	346,086	335,544	351,086	355,532	358,333	383,272	94,700	91,838	91,535	96,494	100,282	103,538
Paper and allied products	441,825	465,515	496,201	522,248	544,949	591,692	600,664	632,637	654,195	680,953	696,926	901,842
Printing and publishing	592,643	676,048	766,875	846,853	940,545	996,015	378,304	406,250	442,283	471,706	523,959	547,598
Chemicals and allied products	1,019,933	1,040,992	1,084,197	1,135,907	1,208,174	1,194,919	380,041	422,311	438,549	449,410	523,555	518,036
Petroleum and coal products	16,857	17,224	19,527	21,695	24,575	24,596	83,303	93,938	92,609	100,604	107,120	110,991
Tobacco manufactures	568,558	575,021	559,132	584,528	611,087	672,928	54	(L)	(D)	56	56	57
Rubber and misc. plastic products	350,613	377,904	407,333	446,602	466,624	478,677	94,970	95,609	105,038	116,332	134,087	148,969
Leather and leather products	35,368	34,334	29,530	22,201	13,632	21,828	6,704	5,119	(D)	6,663	6,217	9,871
Durable goods	4,658,035	4,979,728	5,259,957	5,559,277	5,930,779	6,106,759	6,411,618	6,734,989	7,485,419	7,844,837	8,644,878	9,488,410
Lumber and wood products	405,774	442,260	513,886	580,311	619,227	631,830	1,122,540	1,064,065	1,099,969	1,166,803	1,238,167	1,137,886
Furniture and fixtures	356,078	373,403	391,200	415,902	427,244	433,312	67,450	70,128	70,604	79,241	93,803	90,020
Primary metal industries	348,822	340,794	345,732	366,364	418,474	444,479	511,042	470,217	446,472	415,126	473,428	524,057
Fabricated metal products	472,908	502,445	520,765	517,847	542,868	565,234	264,607	257,345	271,485	291,019	319,995	350,904
Machinery, except electrical	379,714	420,943	411,902	451,897	572,081	623,303	451,533	481,178	516,196	470,131	550,808	610,714
Electric and electronic equipment	1,110,090	1,157,848	1,180,872	1,230,893	1,235,523	1,268,793	288,190	318,447	351,449	372,954	387,876	435,462
Transportation equip. excl. motor vehicles	952,684	1,044,698	1,082,098	1,102,742	1,128,641	1,130,146	3,084,703	3,437,879	4,055,698	4,263,009	4,685,682	5,367,309
Motor vehicles and equipment	209,087	231,428	275,799	261,585	294,219	283,733	63,463	57,100	73,838	146,649	160,714	172,488
Stone, clay, and glass products	286,585	314,779	349,162	389,767	416,823	419,589	177,611	178,792	179,199	191,455	222,200	229,694
Instruments and related products	70,391	80,765	112,348	152,940	183,747	227,748	276,274	302,078	317,744	339,526	384,404	430,329
Miscellaneous manufacturing industries	65,902	70,365	76,193	89,029	91,932	78,592	104,205	97,760	102,765	108,924	127,801	139,547
Transportation and public utilities	3,964,186	4,263,781	4,621,651	4,999,552	5,359,122	5,659,233	2,961,904	3,065,359	3,201,039	3,327,368	3,591,028	3,848,263
Railroad transportation	434,670	414,241	403,521	408,834	403,217	382,448	264,559	248,123	237,155	234,559	242,042	255,703
Trucking and warehousing	801,048	810,874	886,375	962,827	1,010,090	1,072,063	696,262	705,382	748,888	793,361	849,098	923,036
Water transportation	98,221	104,557	108,518	119,899	129,054	144,826	286,218	286,843	282,671	318,439	348,837	380,563
Other transportation[8]	811,357	887,312	1,022,670	1,114,125	1,227,957	1,304,492	652,842	693,835	759,736	781,394	858,628	967,534
Communication	1,163,364	1,309,800	1,369,898	1,515,702	1,667,200	1,772,528	804,840	848,703	878,288	923,834	965,706	976,193
Electric, gas, and sanitary services	655,526	736,997	830,669	878,165	921,604	982,876	257,183	282,473	294,301	275,781	326,717	345,234
Wholesale trade	2,896,060	3,066,979	3,383,074	3,691,630	4,062,518	4,446,616	2,732,167	2,799,124	2,927,527	3,111,840	3,393,360	3,747,206
Retail trade	5,015,294	5,525,332	6,102,911	6,585,296	7,185,510	7,666,853	4,304,393	4,460,390	4,682,040	4,951,271	5,401,235	5,921,084
Finance, insurance, and real estate	2,443,540	2,741,152	3,178,590	4,117,807	4,267,689	4,478,556	2,274,979	2,335,748	2,627,526	3,124,789	3,140,996	3,281,217
Banking and credit agencies	962,588	1,074,533	1,264,380	1,464,308	1,603,221	1,661,750	900,210	958,903	1,080,233	1,136,805	1,175,037	1,219,004
Other finance, insurance, and real estate[9]	1,480,952	1,666,619	1,914,210	2,653,499	2,664,468	2,816,806	1,374,769	1,376,845	1,547,293	1,987,984	1,965,959	2,062,213
Services	10,696,860	12,261,597	13,885,096	16,054,433	18,238,346	20,239,149	7,912,581	8,840,863	9,661,504	10,739,896	11,811,443	13,204,788
Hotels and other lodging places	423,521	480,754	489,263	564,364	592,818	619,360	218,785	225,258	218,058	260,465	278,061	287,813
Personal services	499,986	611,667	673,290	730,417	844,638	959,789	430,990	511,284	542,391	562,895	631,018	726,571
Private households	315,620	319,393	321,981	326,637	349,662	370,146	96,271	97,510	98,155	99,405	106,974	114,328
Business services	2,849,667	3,517,942	4,044,707	4,888,493	5,638,179	6,373,452	1,431,026	1,643,376	1,827,277	2,182,284	2,280,338	2,586,260
Auto repair, services, and garages	380,985	430,469	480,565	543,074	595,783	648,726	431,147	490,461	523,548	534,220	538,419	595,776
Miscellaneous repair services	215,721	207,608	242,906	256,763	294,551	300,277	221,148	217,102	238,500	239,547	264,889	305,461
Amusement and recreation services	169,949	192,352	216,935	247,587	297,517	316,482	226,475	249,517	268,771	293,350	318,997	350,357
Motion pictures	32,472	35,101	36,119	41,770	53,128	60,153	34,986	36,259	40,638	40,715	44,018	52,086
Health services	2,880,969	3,174,861	3,489,324	4,037,300	4,550,800	5,041,882	2,473,564	2,752,481	2,987,360	3,399,159	3,904,321	4,326,865
Legal services	612,474	678,915	787,732	883,139	1,035,342	1,174,942	619,633	717,903	819,347	872,558	982,672	1,092,810
Educational services	301,048	334,811	374,413	408,696	459,286	509,397	230,666	256,651	268,698	296,325	329,827	362,908
Social services	232,680	259,672	295,464	338,243	383,686	428,878	229,977	250,694	268,026	292,985	323,638	368,598
Museums, botanical, zoological gardens	10,015	11,387	42,664	45,738	49,121	54,098	3,796	4,221	4,683	5,815	7,259	8,316
Membership organizations	495,973	545,106	587,273	661,563	743,563	799,576	413,862	422,974	441,051	469,731	527,314	560,917
Miscellaneous services	1,275,780	1,461,559	1,802,460	2,080,649	2,350,272	2,581,991	850,255	965,172	1,115,001	1,190,442	1,273,698	1,465,722
Government and government enterprises	14,161,522	15,183,468	15,958,838	17,101,960	18,386,960	19,798,824	7,965,390	8,570,832	8,904,453	9,479,387	10,166,099	10,868,786
Federal, civilian	4,963,637	5,154,519	5,162,187	5,455,661	5,899,393	6,358,490	1,813,411	1,890,884	1,863,131	1,997,256	2,129,120	2,253,053
Military	3,821,695	4,129,269	4,258,510	4,470,735	4,607,916	4,793,821	1,096,501	1,204,565	1,226,347	1,284,607	1,365,532	1,385,173
State and local	5,376,190	5,899,680	6,538,141	7,175,564	7,879,651	8,646,513	5,055,478	5,475,383	5,814,975	6,197,524	6,671,447	7,230,560

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	West Virginia						Wisconsin					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**18,901,772**	**19,504,244**	**20,202,346**	**20,814,425**	**21,881,700**	**23,096,348**	**59,900,493**	**62,899,876**	**66,497,888**	**70,141,640**	**74,797,479**	**80,456,879**
Nonfarm personal income	18,838,064	19,467,387	20,147,344	20,756,163	21,812,270	23,043,599	58,563,783	61,605,916	64,840,969	68,450,597	73,412,263	78,490,113
Farm income[1]	63,708	36,857	55,002	58,262	69,430	52,749	1,336,710	1,293,960	1,656,919	1,691,043	1,385,216	1,966,766
Population (thousands)[2]	1,951.0	1,937.2	1,917.6	1,898.1	1,876.8	1,857.6	4,763.6	4,775.8	4,783.8	4,806.9	4,854.5	4,889.7
Per capita personal income (dollars)	**9,688**	**10,068**	**10,535**	**10,966**	**11,659**	**12,434**	**12,575**	**13,170**	**13,901**	**14,592**	**15,408**	**16,454**
Derivation of total personal income:												
Total earnings by place of work	12,873,191	13,201,640	13,532,287	13,943,576	14,641,491	15,166,606	42,050,471	43,997,385	46,783,875	50,133,692	53,982,758	57,475,425
Less: Personal contributions for social insurance[3]	742,967	806,026	824,484	861,866	947,110	1,036,910	2,515,971	2,769,117	2,900,907	3,220,092	3,666,911	4,028,709
Plus: Adjustment for residence	−222,229	−227,867	−254,293	−208,767	−257,008	−236,322	738,330	815,166	939,649	1,050,962	1,155,896	1,262,200
Equals: Net earnings by place of residence	11,907,995	12,167,747	12,453,510	12,872,943	13,437,373	13,893,374	40,272,830	42,043,434	44,822,617	47,964,562	51,471,743	54,708,916
Plus: Dividends, interest, and rent[5]	2,769,801	2,846,625	3,018,457	3,023,860	3,228,375	3,643,950	10,416,972	11,012,076	11,351,851	11,378,143	12,017,052	13,652,679
Plus: Transfer payments	4,223,976	4,489,872	4,730,379	4,917,622	5,215,952	5,559,024	9,210,691	9,844,366	10,323,420	10,798,935	11,308,684	12,095,284
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,540,405	10,849,182	11,079,987	11,378,772	11,900,775	12,291,681	33,874,958	35,590,521	37,537,024	40,107,200	43,427,262	45,771,486
Other labor income	1,208,738	1,177,047	1,186,774	1,190,741	1,234,174	1,302,513	3,540,215	3,553,394	3,764,426	3,987,107	4,352,944	4,632,910
Proprietors' income[6]	1,124,048	1,175,411	1,265,526	1,374,063	1,506,542	1,572,412	4,635,298	4,853,470	5,482,425	6,039,385	6,202,552	7,071,029
Farm	42,990	16,603	35,016	37,454	48,728	31,877	1,041,122	1,001,574	1,369,497	1,389,238	1,082,590	1,661,809
Nonfarm	1,081,058	1,158,808	1,230,510	1,336,609	1,457,814	1,540,535	3,594,176	3,851,896	4,112,928	4,650,147	5,119,962	5,409,220
Earnings by industry:												
Farm	63,708	36,857	55,002	58,262	69,430	52,749	1,336,710	1,293,960	1,656,919	1,691,043	1,385,216	1,966,766
Nonfarm	12,809,483	13,164,783	13,477,285	13,885,314	14,572,061	15,113,857	40,713,761	42,703,425	45,126,956	48,442,649	52,597,542	55,508,659
Private	10,702,314	10,897,714	11,088,431	11,391,435	12,039,307	12,530,752	34,752,435	36,350,962	38,417,973	41,432,980	45,120,901	47,643,380
Agricultural services, forestry, fisheries, and other[7]	31,248	29,626	28,296	42,175	44,032	46,994	224,801	213,498	201,302	275,256	289,779	305,720
Agricultural services	27,408	27,049	26,556	40,705	42,477	45,489	194,111	191,924	193,263	264,316	281,515	297,603
Forestry, fisheries, and other[7]	3,840	2,577	1,740	1,470	1,555	1,505	30,690	21,574	8,039	10,940	8,264	8,117
Mining	1,892,429	1,782,151	1,673,462	1,562,532	1,548,796	1,591,407	123,066	155,219	86,241	94,843	118,858	130,568
Coal mining	1,707,016	1,595,523	1,525,739	1,418,269	1,397,137	1,429,936	555	743	713	326	398	419
Oil and gas extraction	161,992	162,611	121,872	116,413	125,194	132,016	(D)	108,426	34,315	36,519	54,223	57,212
Metal mining	(L)	(L)	(L)	132	198	1,375	(D)	1,386	2,044	6,266	7,347	7,072
Nonmetallic minerals, except fuels	23,459	24,037	25,852	27,718	26,267	28,080	43,628	44,664	49,169	51,732	56,890	65,865
Construction	621,964	653,341	672,820	726,974	768,626	764,898	2,109,461	2,197,638	2,468,836	2,647,703	2,955,769	3,136,756
Manufacturing	2,467,723	2,505,126	2,530,198	2,542,624	2,715,548	2,817,705	13,481,241	13,770,678	14,250,632	15,082,973	16,379,231	16,820,012
Nondurable goods	1,092,634	1,111,266	1,106,971	1,112,107	1,183,743	1,182,468	4,785,362	4,984,472	5,286,730	5,636,613	6,025,170	6,299,971
Food and kindred products	88,226	87,704	86,559	87,370	88,313	84,382	1,420,374	1,420,932	1,494,447	1,571,619	1,682,644	1,733,301
Textile mill products	11,262	10,337	(D)	(D)	(D)	(D)	79,528	79,680	81,545	87,362	96,722	94,115
Apparel and other textile products	40,317	41,374	38,271	40,459	40,865	44,314	92,666	95,993	103,654	115,235	121,008	125,806
Paper and allied products	23,594	22,412	22,749	24,823	27,608	28,427	1,501,697	1,599,579	1,680,295	1,780,388	1,859,311	1,923,967
Printing and publishing	80,727	88,242	90,107	91,730	98,941	102,702	763,115	818,159	888,621	970,177	1,063,093	1,127,668
Chemicals and allied products	767,083	778,930	773,939	767,290	820,008	823,928	316,225	337,218	362,123	374,220	405,597	432,915
Petroleum and coal products	23,084	22,031	21,469	21,428	22,020	15,314	16,501	13,552	14,416	16,080	18,731	17,189
Tobacco manufactures	4,418	4,504	(D)	(D)	(D)	(D)	148	105	137	70	71	71
Rubber and misc. plastic products	34,901	36,106	37,054	41,716	47,036	46,543	453,819	486,133	535,431	588,235	638,290	710,044
Leather and leather products	19,022	19,626	20,496	20,942	20,789	20,140	141,289	133,121	126,061	133,227	139,703	134,895
Durable goods	1,375,089	1,393,860	1,423,227	1,430,517	1,531,805	1,635,237	8,695,879	8,786,206	8,963,902	9,446,360	10,354,061	10,520,041
Lumber and wood products	90,263	96,502	109,906	127,798	141,749	150,717	422,025	449,477	505,573	578,859	638,722	629,277
Furniture and fixtures	14,504	16,505	18,913	20,201	20,665	14,522	182,163	191,414	204,855	226,642	252,434	284,909
Primary metal industries	568,964	482,920	517,197	511,010	565,870	623,278	553,785	518,226	528,257	548,430	658,642	690,639
Fabricated metal products	143,868	230,173	217,469	220,042	233,180	240,366	1,360,318	1,379,007	1,457,636	1,499,315	1,669,963	1,763,368
Machinery, except electrical	147,567	159,001	149,911	158,021	153,656	165,578	2,946,362	3,001,749	3,102,488	3,252,455	3,511,718	3,621,639
Electric and electronic equipment	87,688	81,299	73,248	73,955	74,316	77,260	1,308,849	1,321,821	1,321,111	1,333,000	1,428,312	1,440,251
Transportation equip. excl. motor vehicles	45,625	42,443	47,638	42,607	54,666	64,444	186,177	176,067	208,721	210,844	209,266	239,153
Motor vehicles and equipment	7,686	18,016	16,482	17,030	20,167	20,785	1,077,080	1,059,868	937,044	1,048,472	1,148,928	960,133
Stone, clay, and glass products	233,777	230,872	239,179	227,589	218,357	220,030	198,093	198,510	215,878	240,619	265,759	273,024
Instruments and related products	21,747	23,126	20,293	19,967	34,679	42,788	248,258	275,282	279,166	303,610	339,544	373,484
Miscellaneous manufacturing industries	13,400	13,003	12,991	12,297	14,500	15,469	212,769	214,785	203,173	204,114	230,773	244,164
Transportation and public utilities	1,207,781	1,206,096	1,202,156	1,223,047	1,262,866	1,282,452	2,701,595	2,764,068	2,930,790	2,994,058	3,186,151	3,300,768
Railroad transportation	253,680	246,883	218,985	202,355	206,897	188,709	238,002	217,758	195,617	168,278	149,479	129,059
Trucking and warehousing	253,961	243,463	261,892	270,609	277,215	281,319	1,035,330	1,047,425	1,119,581	1,183,980	1,280,299	1,343,479
Water transportation	25,667	26,916	29,213	28,660	28,591	28,903	18,851	18,169	16,350	16,452	18,308	18,742
Other transportation[8]	37,359	36,709	38,593	40,044	44,526	49,183	259,443	280,454	315,521	327,344	361,206	403,575
Communication	235,932	229,505	229,607	239,655	243,349	254,559	557,076	571,782	602,111	608,328	637,018	646,707
Electric, gas, and sanitary services	401,182	422,620	423,866	441,724	462,288	479,779	592,893	628,480	681,610	689,676	739,841	759,206
Wholesale trade	647,116	671,551	673,318	685,804	734,192	773,352	2,415,495	2,526,434	2,628,023	2,864,643	3,154,222	3,430,745
Retail trade	1,241,259	1,280,740	1,319,686	1,356,026	1,449,670	1,489,375	3,892,283	4,094,513	4,321,713	4,543,427	4,956,138	5,306,278
Finance, insurance, and real estate	440,068	453,467	478,621	577,678	558,800	551,742	2,092,761	2,229,774	2,450,640	2,976,052	3,007,669	3,106,822
Banking and credit agencies	210,613	225,879	239,336	243,980	251,518	256,297	749,433	810,476	859,934	904,095	948,682	982,477
Other finance, insurance, and real estate[9]	229,455	227,588	239,285	333,698	307,282	295,445	1,343,328	1,419,298	1,590,706	2,071,957	2,058,987	2,124,345
Services	2,152,726	2,315,616	2,509,874	2,674,575	2,956,777	3,212,827	7,711,732	8,399,140	9,079,796	9,954,025	11,073,084	12,105,711
Hotels and other lodging places	80,835	83,040	87,670	97,012	100,485	104,150	174,632	178,854	178,535	204,831	224,008	236,994
Personal services	120,562	147,096	156,393	163,295	184,595	203,541	387,040	466,343	496,588	521,593	601,525	677,658
Private households	53,672	53,239	52,366	51,566	53,566	55,304	93,321	93,593	93,157	93,142	98,859	103,795
Business services	183,938	212,308	242,886	267,026	306,028	352,889	1,391,136	1,634,677	1,803,065	2,008,311	2,284,346	2,523,806
Auto repair, services, and garages	79,107	88,847	94,060	95,836	99,721	105,074	308,364	345,928	360,134	380,121	413,844	454,839
Miscellaneous repair services	65,842	67,006	73,883	71,237	75,764	79,854	142,385	132,214	144,239	145,567	172,366	191,502
Amusement and recreation services	41,773	48,256	54,150	54,988	58,968	60,983	183,628	199,983	209,704	228,581	263,675	276,197
Motion pictures	4,135	4,032	4,910	4,053	4,744	5,164	16,195	16,031	15,845	16,097	21,554	24,740
Health services	1,014,902	1,075,528	1,135,741	1,233,951	1,370,236	1,469,323	3,069,306	3,223,805	3,464,329	3,839,468	4,145,119	4,486,174
Legal services	159,356	169,519	192,609	197,032	222,451	247,981	489,301	538,717	590,314	634,807	716,364	781,186
Educational services	46,673	51,744	54,637	55,989	60,573	65,244	306,665	336,036	363,040	385,343	416,686	455,659
Social services	50,707	54,972	61,412	66,766	71,005	82,354	268,209	295,909	311,699	352,473	394,859	447,940
Museums, botanical, zoological gardens	1,354	1,415	1,324	1,471	1,563	1,647	3,680	4,369	4,821	5,456	5,891	6,585
Membership organizations	121,196	119,140	130,265	135,152	147,685	152,864	353,126	360,160	381,468	417,507	470,817	500,389
Miscellaneous services	128,674	139,474	167,568	179,201	199,393	226,455	524,744	572,521	662,858	720,728	843,171	938,247
Government and government enterprises	2,107,169	2,267,069	2,388,854	2,493,879	2,532,754	2,583,105	5,961,326	6,352,463	6,708,983	7,009,669	7,476,641	7,865,279
Federal, civilian	386,511	401,296	402,388	429,020	464,275	507,455	680,974	722,707	725,258	777,936	838,490	884,372
Military	41,307	44,687	48,183	50,023	51,507	53,194	171,348	194,051	208,515	221,299	229,618	236,330
State and local	1,679,351	1,821,086	1,938,283	2,014,836	2,016,972	2,022,456	5,109,004	5,435,705	5,775,210	6,010,434	6,408,533	6,744,577

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Wyoming					
	1984	1985	1986	1987	1988	1989
Income by Place of Residence						
Total personal income	**6,279,690**	**6,537,169**	**6,453,694**	**6,279,316**	**6,591,846**	**6,902,600**
Nonfarm personal income	6,258,530	6,508,076	6,399,561	6,204,306	6,501,460	6,858,585
Farm income[1]	21,160	29,093	54,133	75,010	90,386	44,015
Population (thousands)[2]	512.9	509.7	507.1	489.7	479.3	474.3
Per capita personal income (dollars)	**12,244**	**12,826**	**12,728**	**12,822**	**13,753**	**14,554**
Derivation of total personal income:						
Total earnings by place of work	4,803,857	4,992,742	4,811,409	4,593,500	4,757,832	4,875,027
Less: Personal contributions for social insurance[3]	238,442	260,610	251,192	263,353	282,983	305,093
Plus: Adjustment for residence	−65,475	−79,605	−78,903	−57,219	−59,034	−56,717
Equals: Net earnings by place of residence	4,499,940	4,652,527	4,481,314	4,272,928	4,415,815	4,513,217
Plus: Dividends, interest, and rent[5]	1,064,342	1,114,557	1,100,121	1,103,787	1,229,667	1,390,817
Plus: Transfer payments	715,408	770,085	872,259	902,601	946,364	998,566
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	3,974,353	4,158,691	3,967,638	3,711,552	3,822,717	3,937,378
Other labor income	344,790	344,840	327,961	302,740	316,793	335,749
Proprietors' income[6]	484,714	489,211	515,810	579,208	618,322	601,900
Farm	−28,367	−18,084	9,161	29,805	46,971	2,526
Nonfarm	513,081	507,295	506,649	549,403	571,351	599,374
Earnings by industry:						
Farm	21,160	29,093	54,133	75,010	90,386	44,015
Nonfarm	4,782,697	4,963,649	4,757,276	4,518,490	4,667,446	4,831,012
Private	3,725,979	3,842,310	3,594,495	3,362,049	3,480,319	3,608,965
Agricultural services, forestry, fisheries, and other[7]	22,425	20,790	18,635	26,334	26,134	27,562
Agricultural services	18,543	16,897	15,746	23,355	23,332	24,641
Forestry, fisheries, and other[7]	3,882	3,893	2,889	2,979	2,802	2,921
Mining	1,032,187	995,425	826,211	742,353	777,969	776,850
Coal mining	272,271	287,316	269,571	238,575	251,023	257,142
Oil and gas extraction	553,682	511,970	367,218	319,139	333,734	319,205
Metal mining	48,704	38,229	30,933	29,570	28,923	29,386
Nonmetallic minerals, except fuels	157,530	157,910	158,489	155,069	164,289	171,117
Construction	432,487	552,524	513,089	361,246	351,449	349,281
Manufacturing	198,229	196,325	199,714	210,353	229,660	241,629
Nondurable goods	105,594	105,465	109,591	115,775	129,925	137,853
Food and kindred products	19,735	21,779	23,621	23,286	24,480	23,446
Textile mill products	(L)	(L)	(L)	(L)	(L)	(L)
Apparel and other textile products	749	838	1,001	980	1,538	1,971
Paper and allied products	87	83	(L)	(L)	(L)	(L)
Printing and publishing	24,735	25,590	25,096	25,666	32,157	32,662
Chemicals and allied products	9,407	11,450	13,073	15,636	19,941	23,283
Petroleum and coal products	48,057	42,829	42,853	45,654	46,061	50,436
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	2,621	2,693	2,961	3,395	4,738	5,201
Leather and leather products	192	193	940	1,119	958	810
Durable goods	92,635	90,860	90,123	94,578	99,735	103,776
Lumber and wood products	22,414	21,913	24,452	28,735	30,374	30,174
Furniture and fixtures	268	372	230	420	1,228	1,236
Primary metal industries	7,722	5,251	5,859	5,426	6,285	9,250
Fabricated metal products	9,116	10,175	9,683	10,044	10,323	11,098
Machinery, except electrical	19,606	20,636	19,535	19,260	20,498	22,640
Electric and electronic equipment	1,524	1,351	1,340	1,724	1,383	1,483
Transportation equip. excl. motor vehicles	2,006	2,508	3,139	3,708	4,396	4,870
Motor vehicles and equipment	68	151	124	123	174	132
Stone, clay, and glass products	26,877	25,674	22,771	21,978	19,758	17,324
Instruments and related products	1,264	982	989	1,004	2,551	2,945
Miscellaneous manufacturing industries	1,770	1,847	2,001	2,156	2,765	2,624
Transportation and public utilities	531,671	532,815	513,594	499,448	527,169	542,498
Railroad transportation	139,448	135,831	126,982	123,959	127,669	137,041
Trucking and warehousing	135,927	129,546	117,948	126,113	137,065	140,655
Water transportation	184	127	78	(L)	(D)	(L)
Other transportation[8]	36,353	33,088	30,178	29,204	(D)	33,386
Communication	77,408	74,090	69,481	68,005	69,111	67,732
Electric, gas, and sanitary services	142,351	160,133	168,927	152,145	161,236	163,663
Wholesale trade	226,126	228,583	204,024	178,555	179,441	189,529
Retail trade	458,559	465,986	442,477	425,410	441,677	459,721
Finance, insurance, and real estate	168,538	174,684	174,483	197,309	177,032	177,660
Banking and credit agencies	93,810	96,226	93,882	88,373	86,717	89,339
Other finance, insurance, and real estate[9]	74,728	78,458	80,601	108,936	90,315	88,321
Services	655,757	675,178	702,268	721,041	769,788	844,235
Hotels and other lodging places	61,704	57,928	62,145	60,898	64,186	72,215
Personal services	37,137	45,761	46,084	45,418	50,957	57,994
Private households	9,787	9,728	9,628	9,253	9,519	9,816
Business services	93,958	92,877	87,795	86,360	86,757	98,134
Auto repair, services, and garages	43,872	46,634	44,387	44,839	49,931	52,808
Miscellaneous repair services	38,160	32,864	32,773	27,886	35,065	37,355
Amusement and recreation services	12,757	15,082	17,628	20,259	23,257	28,665
Motion pictures	2,341	2,819	2,879	2,794	3,132	3,777
Health services	152,709	161,413	176,501	199,568	208,368	226,817
Legal services	52,052	54,823	59,804	64,428	67,779	71,062
Educational services	9,458	9,787	9,806	10,720	12,395	13,505
Social services	24,773	27,084	27,068	27,883	30,099	32,575
Museums, botanical, zoological gardens	1,131	1,089	1,150	1,471	1,781	2,061
Membership organizations	36,728	37,031	36,551	40,752	45,532	47,977
Miscellaneous services	79,190	80,258	88,069	78,512	81,030	89,474
Government and government enterprises	1,056,718	1,121,339	1,162,781	1,156,441	1,187,127	1,222,047
Federal, civilian	174,729	184,462	186,029	197,688	213,034	219,905
Military	81,982	90,420	94,526	100,905	101,493	102,419
State and local	800,007	846,457	882,226	857,848	872,600	899,723

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89

[Thousands of dollars]

	Buffalo—Niagara Falls, NY (CMSA)						Chicago—Gary—Lake County, IL—IN—WI (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**15,323,235**	**16,032,748**	**16,742,571**	**17,579,605**	**19,025,132**	**20,430,819**	**119,545,311**	**126,297,269**	**133,258,329**	**142,420,897**	**154,352,611**	**165,474,896**
Nonfarm personal income	15,287,741	15,995,509	16,703,728	17,535,750	18,982,141	20,379,686	119,406,660	126,144,446	133,114,552	142,276,233	154,220,269	165,281,818
Farm income[1]	35,494	37,239	38,843	43,855	42,991	51,133	138,651	152,823	143,777	144,664	132,342	193,078
Population (thousands)[2]	1,192.6	1,184.9	1,177.2	1,171.6	1,175.6	1,171.5	8,056.4	8,080.4	8,105.1	8,145.6	8,180.9	8,228.8
Per capita personal income (dollars)	**12,849**	**13,531**	**14,222**	**15,004**	**16,183**	**17,439**	**14,839**	**15,630**	**16,441**	**17,484**	**18,867**	**20,109**
Derivation of total personal income:												
Total earnings by place of work	10,431,490	11,067,002	11,612,024	12,326,547	13,303,868	14,061,465	90,063,281	95,568,993	101,745,747	109,891,110	119,994,884	126,788,765
Less: Personal contributions for social insurance[3]	667,715	743,851	810,969	852,515	956,022	1,043,535	5,447,834	6,070,009	6,630,629	7,024,051	7,967,248	8,692,920
Plus: Adjustment for residence	−107,788	−108,788	−119,605	−120,253	−127,098	−132,012	−740,314	−726,148	−767,601	−871,397	−974,849	−956,822
Equals: Net earnings by place of residence	9,655,987	10,214,363	10,681,450	11,353,779	12,220,748	12,885,918	83,875,133	88,772,836	94,347,517	101,995,662	111,052,787	117,139,023
Plus: Dividends, interest, and rent[5]	2,711,663	2,789,069	2,865,622	2,888,300	3,278,474	3,747,609	20,529,398	21,532,977	22,252,206	23,055,366	24,997,397	28,712,854
Plus: Transfer payments	2,955,585	3,029,316	3,195,499	3,337,526	3,525,910	3,797,292	15,140,780	15,991,456	16,658,606	17,369,869	18,302,427	19,623,019
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,678,966	9,248,516	9,704,581	10,269,692	11,069,609	11,686,900	74,903,417	79,375,440	84,350,703	90,574,938	98,862,786	104,199,551
Other labor income	930,321	939,025	980,078	991,696	1,044,670	1,101,810	7,628,240	7,753,962	8,228,999	8,712,164	9,411,544	10,046,019
Proprietors' income[6]	822,203	879,461	927,365	1,065,159	1,189,589	1,272,755	7,531,624	8,439,591	9,166,045	10,604,008	11,720,554	12,543,195
Farm	20,419	22,232	23,946	28,152	27,228	35,061	98,388	112,641	103,938	102,688	90,423	150,557
Nonfarm	801,784	857,229	903,419	1,037,007	1,162,361	1,237,694	7,433,236	8,326,950	9,062,107	10,501,320	11,630,131	12,392,638
Earnings by industry:												
Farm	35,494	37,239	38,843	43,855	42,991	51,133	138,651	152,823	143,777	144,664	132,342	193,078
Nonfarm	10,395,996	11,029,763	11,573,181	12,282,692	13,260,877	14,010,332	89,924,630	95,416,170	101,601,970	109,746,446	119,862,542	126,595,687
Private	8,661,873	9,193,457	9,622,838	10,159,589	10,965,347	11,536,775	79,495,003	84,486,689	90,004,843	97,594,925	106,820,835	112,872,678
Agricultural services, forestry, fisheries, and other[7]	23,403	27,456	30,196	38,018	42,233	43,861	239,849	251,879	275,173*	352,541	407,859	434,436
Agricultural services	22,961	26,652	29,233	37,263	41,299	42,961	214,727*	224,549*	248,028*	338,655	391,678	397,511*
Forestry, fisheries, and other[7]	442	804	963	755	934	900	11,876*	11,959*	11,456*	13,886	16,181	14,750*
Mining	46,418	51,205	29,304	26,080	34,249	33,044	323,183	427,833	252,844*	244,173	284,387	279,707
Coal mining	309	226	240	95	109	112	(D)	3,922	5,728	(D)	(D)	(D)
Oil and gas extraction	35,355*	38,531*	17,834*	14,196*	22,051	19,404	(D)	(D)	(D)	(D)	151,798*	(D)
Metal mining	(D)	(D)	(D)	(D)	169	185	(D)	(L)	68	(D)	866	458
Nonmetallic minerals, except fuels	7,934	8,438	9,689	10,221	11,920	13,343	(D)	(D)	(D)	(D)	122,824*	(D)
Construction	516,426	562,563	603,663	644,531	695,910	755,420	4,765,034	5,259,333	5,881,431	6,498,352	7,218,614	7,721,983
Manufacturing	3,194,331	3,309,494	3,314,028	3,295,042	3,465,916	3,475,503	22,453,851	22,574,320	22,566,800	23,268,729	25,469,258	25,987,604
Nondurable goods	993,171	990,540	1,028,106	1,059,761	1,126,028	1,155,668	8,112,860	8,340,391	8,568,755	8,937,745*	9,733,582*	10,049,991*
Food and kindred products	209,338	197,002	212,914	225,298	242,136	237,011	1,897,796*	1,893,472*	1,938,437*	1,974,388*	2,148,914*	2,190,105*
Textile mill products	13,293	(D)	(D)	11,564	12,079	9,931*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	35,913*	38,815*	40,036*	40,992*	47,034*	52,404*	218,644*	219,746*	231,131*	243,602*	275,015*	268,835*
Paper and allied products	74,610	74,335	80,891	90,447	90,714	90,929	704,814*	701,129	752,460*	789,251*	844,243*	854,121*
Printing and publishing	206,192	223,659	237,928	246,933	257,747	265,154	2,241,572*	2,381,780*	2,402,883*	2,570,720*	2,804,238*	2,864,845*
Chemicals and allied products	261,681	253,606	254,979	264,514	284,605	297,028	(D)	(D)	(D)	(D)	(D)	2,336,554*
Petroleum and coal products	42,158	43,320	38,152	16,199	17,385	17,561	370,765*	381,968*	373,411*	388,223*	418,212*	425,624*
Tobacco manufactures	986	0	0	0	0	0	14,830	13,660	11,901	(D)	(D)	(D)
Rubber and misc. plastic products	141,858	141,173	148,224	159,857	169,316	179,106	779,978*	796,580*	826,052*	872,478*	879,188*	937,254*
Leather and leather products	5,518*	4,826	2,265	2,004*	2,408*	2,991*	64,065*	59,571*	56,607*	59,426*	65,341*	60,884*
Durable goods	2,201,160	2,318,954	2,285,922	2,235,281	2,339,888	2,319,835	14,340,991	14,233,929	13,998,045	14,248,277*	15,539,843*	15,717,430*
Lumber and wood products	13,985	15,196	17,432	18,721	21,692	25,964	133,031*	138,855*	137,833*	157,476*	187,119*	188,390*
Furniture and fixtures	16,650	17,971	18,495	21,212	20,275	23,455	331,876*	334,881*	330,940*	368,517*	384,574*	381,829*
Primary metal industries	193,879	159,213	147,495	151,605	163,993	201,622	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	333,486	360,816	360,153	359,458	385,694	397,626	2,533,042*	2,645,512*	2,727,589*	2,750,503*	2,789,720*	2,875,345*
Machinery, except electrical	296,258	301,409	306,320	306,669	313,462	334,617	(D)	(D)	(D)	(D)	(D)	2,818,288*
Electric and electronic equipment	276,865	272,372	276,207	264,191	242,967	240,686	2,854,257*	2,782,088*	2,823,214*	2,818,428*	3,008,982*	3,170,340*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	419,355*	382,136*	387,917*	336,733*	386,403*	408,838*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	116,548	109,247	106,631	119,326	126,048	130,005	460,409*	477,224*	464,106*	509,263*	619,981*	576,797*
Instruments and related products	87,880	94,594	99,346	99,869	111,679	99,531	767,761*	840,491*	825,199*	783,028*	954,983*	980,478*
Miscellaneous manufacturing industries	71,531	69,265	75,814	86,983	116,019	110,588	508,813*	449,530*	495,296*	528,786*	579,562*	576,318*
Transportation and public utilities	722,583	750,439	757,913	782,333	833,483	855,867	6,994,886*	7,509,509*	7,912,581*	8,442,977*	8,880,465*	9,205,694*
Railroad transportation	61,589	60,780	58,036	56,058	56,094	54,989	697,569	652,610	652,796	(D)	627,827*	630,888*
Trucking and warehousing	212,690	215,377	223,484	224,474	244,774	249,147	1,698,739	1,759,138	1,811,846*	2,008,198	2,185,069	2,225,875
Water transportation	21,878	19,284*	16,849	18,723	20,725	22,566	54,338*	53,851*	51,915*	(D)	59,869*	56,367*
Other transportation[8]	83,254	(D)	96,210	99,835	113,075	122,460	1,602,844*	1,752,700*	2,029,200*	(D)	2,463,728*	2,607,496*
Communication	162,171	173,394	166,256	177,094	185,045	176,139	1,688,305*	1,930,372*	1,988,020*	2,075,346*	2,093,967*	2,132,265*
Electric, gas, and sanitary services	181,001	195,447	197,078	206,149	213,770	230,566	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	609,555	651,270	688,959	747,361	803,568	834,494	7,954,340	8,509,652	8,958,781	9,623,949	10,497,555	11,473,759
Retail trade	945,447	1,007,507	1,077,669	1,131,726	1,222,443	1,329,083	7,966,427	8,444,096	9,015,179	9,759,544	10,460,068	11,027,498
Finance, insurance, and real estate	508,142	533,118	613,417	762,180	802,409	835,273	7,585,471	8,211,405	9,098,032	11,022,367	11,914,361	11,969,633
Banking and credit agencies	260,905	264,673	317,331	366,080	401,202	425,557	2,305,662*	2,449,771*	2,582,768*	2,944,630*	3,030,656*	3,379,115*
Other finance, insurance, and real estate[9]	247,237	268,445	296,086	396,100	401,207	409,716	4,847,197*	5,758,130*	5,906,824*	8,041,412*	8,019,471*	8,559,343*
Services	2,095,568	2,300,405	2,507,689	2,732,318	3,065,136	3,374,230	21,066,852*	23,131,800*	25,864,241*	28,183,626*	31,480,925*	34,556,948*
Hotels and other lodging places	(D)	(D)	40,188	49,382	51,600	53,636	413,275*	415,009*	434,958*	485,343*	580,082*	638,698*
Personal services	77,684	96,034	106,427	111,937	126,563	136,277	759,563*	897,549*	1,001,890*	1,053,505*	1,210,073*	1,344,692*
Private households	21,588	21,631	21,533	21,462	22,647	23,661	183,317	183,503	182,359	176,164*	173,470*	181,724*
Business services	338,794	395,160	434,616	447,863	491,965	561,586	5,434,295	6,260,936	7,217,950	8,050,675	8,918,674	9,912,785
Auto repair, services, and garages	86,703	97,508	101,361	108,570	115,185	126,364	712,725	777,904	859,299	893,594	975,496	1,059,679
Miscellaneous repair services	40,279	40,549	44,480	45,022	52,755	58,420	344,222	328,928	387,257	361,783	463,977	528,961
Amusement and recreation services	65,896	72,086	74,559	81,152	98,276	101,533	378,659	402,513	459,358	505,602	550,978	585,181
Motion pictures	4,766	4,738	5,334	7,132	8,360	9,877	178,690*	188,503*	201,966*	196,651*	236,219*	261,875*
Health services	743,806	798,123	869,954	971,704	1,107,575	1,237,791	5,942,824	6,220,627	6,683,295	7,286,532	7,876,959	8,415,877
Legal services	195,685	213,995	241,824	255,938	291,362	319,249	2,095,051	2,302,745	2,662,938	2,946,949	3,391,939	3,725,444
Educational services	(D)	(D)	106,616	110,685	118,564	124,044	1,037,858*	1,143,959*	1,191,385*	1,255,919*	1,390,987*	1,502,161*
Social services	89,998	101,999	104,684	121,703	134,632	149,699	395,194*	451,467*	512,463*	566,845*	646,926*	724,986*
Museums, botanical, zoological gardens	3,533	3,566	3,572	4,084	4,459	4,600	48,271*	53,497*	59,614*	68,101*	70,566*	77,579*
Membership organizations	105,097	107,496	104,033	116,532	128,652	135,689	965,949	1,005,511	1,084,300	1,199,519	1,345,746	1,456,937
Miscellaneous services	188,127	206,215	248,508	279,152	312,541	331,804	2,161,046	2,484,847	2,910,658	3,095,082	3,623,912	4,130,567
Government and government enterprises	1,734,123	1,836,306	1,950,343	2,123,103	2,295,530	2,473,557	10,429,627	10,929,481	11,597,127	12,151,521	13,041,707	13,723,009
Federal, civilian	258,361	270,668	267,895	285,003	308,598	324,791	1,929,480	2,026,433	2,063,934	2,210,506	2,402,451	2,524,273
Military	21,906	23,629	24,715	25,897	26,914	27,886	536,941	597,766	659,672	636,113	633,844	663,589
State and local	1,453,856	1,542,009	1,657,733	1,812,203	1,960,018	2,120,880	7,963,206	8,305,282	8,873,521	9,304,902	10,005,412	10,535,147

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Cincinnati—Hamilton, OH—KY—IN (CMSA)						Cleveland—Akron—Lorain, OH (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**21,743,800**	**23,017,310**	**24,561,517**	**26,385,172**	**28,364,413**	**30,309,607**	**38,566,912**	**40,581,140**	**42,361,146**	**44,654,342**	**47,703,296**	**50,895,753**
Nonfarm personal income	21,696,306	22,975,482	24,524,504	26,343,925	28,328,914	30,265,320	38,510,692	40,521,898	42,303,232	44,583,498	47,642,983	50,828,715
Farm income[1]	47,494	41,828	37,013	41,247	35,499	44,287	56,220	59,242	57,914	70,844	60,313	67,038
Population (thousands)[2]	1,673.0	1,681.3	1,702.9	1,719.8	1,728.5	1,745.5	2,786.1	2,772.7	2,779.8	2,775.9	2,769.0	2,769.2
Per capita personal income (dollars)	**12,997**	**13,690**	**14,424**	**15,342**	**16,410**	**17,365**	**13,843**	**14,636**	**15,239**	**16,086**	**17,228**	**18,380**
Derivation of total personal income:												
Total earnings by place of work	15,878,742	16,968,100	18,215,328	19,782,946	21,248,495	22,433,655	28,572,672	30,102,076	31,444,241	33,266,184	35,661,676	37,529,241
Less: Personal contributions for social insurance[3]	1,027,307	1,153,562	1,261,132	1,351,323	1,497,281	1,634,451	1,877,165	2,076,810	2,208,087	2,309,966	2,553,449	2,785,843
Plus: Adjustment for residence	−85,904	−117,945	−156,630	−196,313	−162,880	−193,716	−644,166	−676,796	−669,230	−677,429	−706,066	−792,075
Equals: Net earnings by place of residence	14,765,531	15,696,593	16,797,566	18,235,310	19,588,334	20,605,488	26,051,341	27,348,470	28,566,924	30,278,789	32,402,161	33,951,323
Plus: Dividends, interest, and rent[5]	3,778,436	3,939,540	4,139,216	4,303,408	4,645,958	5,296,027	6,492,137	6,820,906	6,947,730	7,116,644	7,672,854	8,726,654
Plus: Transfer payments	3,199,833	3,381,177	3,624,735	3,846,454	4,130,121	4,408,092	6,023,434	6,411,764	6,846,492	7,258,909	7,628,281	8,217,776
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,327,484	14,319,054	15,341,522	16,597,739	17,860,337	18,839,994	23,881,491	25,236,744	26,203,327	27,658,172	29,652,393	31,163,100
Other labor income	1,393,535	1,419,552	1,523,653	1,564,734	1,653,520	1,766,735	2,565,729	2,560,292	2,655,906	2,658,667	2,812,082	2,972,563
Proprietors' income[6]	1,157,723	1,229,494	1,350,153	1,620,473	1,734,638	1,826,926	2,125,452	2,305,040	2,585,008	2,949,345	3,197,201	3,393,578
Farm	36,538	31,240	26,762	30,795	25,329	34,339	35,278	38,693	37,704	49,806	39,478	46,144
Nonfarm	1,121,185	1,198,254	1,323,391	1,589,678	1,709,309	1,792,587	2,090,174	2,266,347	2,547,304	2,899,539	3,157,723	3,347,434
Earnings by industry:												
Farm	47,494	41,828	37,013	41,247	35,499	44,287	56,220	59,242	57,914	70,844	60,313	67,038
Nonfarm	15,831,248	16,926,272	18,178,315	19,741,699	21,212,996	22,389,368	28,516,452	30,042,834	31,386,327	33,195,340	35,601,363	37,462,203
Private	14,018,091	14,997,801	16,111,069	17,533,733	18,805,031	19,828,878	25,284,443	26,602,454	27,791,163	29,403,732	31,581,966	33,145,058
Agricultural services, forestry, fisheries, and other[7]	36,294	38,994	41,128	55,068	61,269	67,423	82,925	85,364	89,099	111,731	125,421	134,965
Agricultural services	33,614*	38,357	40,564	54,586	60,770	67,043	(D)	(D)	88,172	111,082	124,795	134,427
Forestry, fisheries, and other[7]	(D)	637	564	482	499	380	(D)	1,063*	927	649	626	538
Mining	59,759	77,376	37,475	37,750	47,516	49,912	151,990	176,565	118,534	120,173	131,955	128,036
Coal mining	4,786	5,743	3,406	1,827	(D)	1,611	36,848	37,159	40,220	25,904	27,104	24,999
Oil and gas extraction	43,053*	58,218*	20,691*	19,978*	28,829*	31,410*	78,180*	(D)	(D)	51,022*	61,171*	56,927*
Metal mining	(L)	(L)	(L)	104	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	9,644*	10,074*	11,658*	13,070*	13,475*	13,732*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	813,919*	829,721*	990,197	1,152,921	1,281,074	1,363,085	1,443,321	1,446,761	1,427,916	1,554,317	1,678,176	1,818,202
Manufacturing	5,216,106	5,502,984	5,797,550	5,885,688	6,014,764	6,184,254	9,559,746	9,883,665	9,928,900	10,000,980	10,663,593	11,011,408
Nondurable goods	2,070,336	2,162,599	2,332,475	2,419,792	2,544,504	2,619,293	2,960,382	3,023,885	3,139,933	3,273,253	3,371,915	3,500,841
Food and kindred products	381,266*	380,209*	402,032*	396,316*	403,999*	(D)	251,521	252,513	260,533	279,749	301,637	296,365
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	56,169*	56,043*	55,687*	58,841*	(D)	(D)	(D)	(D)	(D)	(D)	65,584*	63,019*
Paper and allied products	303,963*	321,107*	(D)	(D)	340,133*	364,958*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	322,300	338,589	359,367	387,645	420,959	453,623	448,012*	483,055	516,062	540,014	579,169	616,519
Chemicals and allied products	759,700*	814,158*	896,828*	961,770*	1,009,455*	1,062,791*	614,821	618,756*	674,128	705,663	797,584	826,754
Petroleum and coal products	32,562*	34,490*	31,853*	27,110	31,324	30,559	250,425*	276,624	272,623	321,358	295,990	286,709
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	124,657*	134,216*	(D)	(D)	181,918	188,105*	1,084,129	1,081,787	1,105,665	1,113,217	1,066,227	1,136,178
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	701	728*	(D)	(D)	(D)	(D)
Durable goods	3,145,770	3,340,385	3,465,075	3,465,896	3,470,260	3,564,961	6,599,364	6,859,780	6,788,967	6,727,727	7,291,678	7,510,567
Lumber and wood products	38,719*	42,190*	48,434*	55,366*	58,707*	65,805*	27,394	32,398	34,871	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	55,170*	(D)	(D)	70,500*	74,844*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,023,036*	932,040*	1,026,922*	1,202,981*	1,221,973*
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	453,094*	1,441,564	1,496,381	1,536,719	1,501,464	1,603,169	1,688,402
Machinery, except electrical	658,938	695,776	716,957	724,202	735,163	718,129	1,284,461	1,341,044	1,276,379	1,248,384	1,351,402	1,462,094
Electric and electronic equipment	(D)	(D)	(D)	195,005*	260,781*	253,175*	708,633	738,973*	733,231*	718,558*	749,926	791,917
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,018,539*	1,093,856*	1,086,147*	1,063,366*	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	78,032	(D)	144,694	146,888	141,220	159,245	169,818	177,296
Instruments and related products	(D)	(D)	(D)	71,370*	81,778*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	81,878*	92,225	102,085	118,441*	132,213	134,630
Transportation and public utilities	1,075,863*	1,123,600*	1,200,918	1,306,550	1,430,030	1,533,184	1,905,819	1,902,544	1,973,981	1,995,696	2,042,043	2,128,629
Railroad transportation	116,989	115,192	108,555	97,190	100,114	92,655	98,794	92,449	91,731	81,631	84,168	83,806
Trucking and warehousing	349,924	354,615	353,742	373,566	399,111	424,001	579,133	573,763	597,066	616,764	649,583	648,500
Water transportation	21,402*	21,205*	(D)	20,220*	29,041*	30,796*	68,920*	67,820*	65,794*	63,593*	65,376*	80,323*
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	213,984*	223,820*	247,568*	241,204*	277,773*
Communication	315,583*	329,991*	354,143*	383,467*	391,541*	405,493*	534,768*	498,635*	518,503*	521,921*	536,714	558,882*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,199,534	1,293,659	1,383,108	1,529,545	1,648,822	1,791,502	2,133,941	2,297,723	2,370,811	2,467,616	2,700,414	2,825,690
Retail trade	1,552,668	1,665,603	1,789,457	1,893,171	2,098,893	2,190,982	2,493,404	2,617,220	2,748,785	2,853,694	3,019,290	3,106,536
Finance, insurance, and real estate	801,744	871,933	973,622	1,251,860	1,313,894	1,308,625	1,333,978	1,418,420	1,587,634	2,011,692	2,051,575	2,092,822
Banking and credit agencies	248,040*	266,307*	(D)	(D)	340,206*	(D)	515,318*	531,029*	570,686*	606,531*	685,265	731,589
Other finance, insurance, and real estate[9]	524,378*	574,573*	(D)	(D)	924,189*	(D)	785,101*	845,125*	970,153*	1,331,460*	1,366,310	1,361,233
Services	3,177,731	3,517,522	3,897,614	4,421,180	4,908,769	5,339,911	6,179,319	6,774,192	7,545,503	8,287,833	9,169,499	9,898,770
Hotels and other lodging places	72,539*	74,463*	76,522*	91,074*	104,046*	105,345*	83,003*	88,756*	86,727*	97,957*	107,230*	105,010*
Personal services	145,053	175,932	188,324	202,903	234,981	262,538	230,363	271,938	285,927	302,535	339,050	375,195
Private households	46,800	46,805	46,494	45,939*	48,499*	51,317	67,553	67,542	67,087	67,007	70,731	74,061
Business services	543,019	641,461	714,348	840,294	939,453	1,043,065	986,037	1,131,922	1,267,016	1,435,301	1,594,969	1,766,254
Auto repair, services, and garages	119,182	137,500	151,042	165,798	169,695	182,593	203,717	231,598	250,513	264,742	281,639	304,209
Miscellaneous repair services	43,047*	42,899	47,236	58,463	67,149	72,763	91,062	95,380	102,014	112,949	134,148	145,995
Amusement and recreation services	(D)	(D)	144,547*	153,084*	(D)	186,672*	159,806	175,939	192,616	203,661	247,970	251,767
Motion pictures	11,745*	10,761*	9,585*	10,710*	12,578*	14,136*	(D)	12,617*	(D)	15,140*	17,791*	18,967*
Health services	1,166,383	1,264,840	1,372,873	1,575,154	1,750,133	1,891,667	2,253,855	2,423,117	2,636,575	2,941,996	3,182,064	3,339,009
Legal services	214,134	226,675	259,785	288,279	324,241	339,468	514,821	569,798	652,832	722,071	826,889	895,354
Educational services	(D)	(D)	(D)	(D)	133,041*	146,476*	287,339*	310,615*	331,798*	347,223*	374,797*	390,061*
Social services	107,838	117,079	125,251	137,649	143,264	159,618	155,866*	166,455*	186,088	202,675	229,948	245,084
Museums, botanical, zoological gardens	5,040*	5,537*	6,088*	7,077*	7,965*	8,627*	10,052*	10,180*	10,908*	12,609*	13,295*	13,738*
Membership organizations	133,173	138,920	142,940	156,707	172,709	181,238	240,969	251,660	256,062	278,721	301,659	313,177
Miscellaneous services	343,806	379,493	483,088	542,483	597,969	668,253	865,970	948,076	1,193,687	1,270,339	1,434,315	1,646,477
Government and government enterprises	1,813,157	1,928,471	2,067,246	2,207,966	2,407,965	2,560,490	3,232,009	3,440,380	3,595,164	3,791,608	4,019,397	4,317,145
Federal, civilian	344,744	371,759	388,134	418,085	460,798	495,592	658,222	702,386	696,315	746,727	786,009	860,287
Military	34,708	37,719	39,926	42,929	44,358	45,710	56,995	61,729	66,814	71,561	72,761	75,422
State and local	1,433,705	1,518,993	1,639,186	1,746,952	1,902,809	2,019,188	2,516,792	2,676,265	2,832,035	2,973,320	3,160,627	3,381,436

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Dallas—Fort Worth, TX (CMSA)						Denver—Boulder, CO (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**52,546,695**	**58,212,756**	**61,217,551**	**63,444,189**	**67,236,125**	**72,072,599**	**28,434,946**	**30,066,834**	**31,083,952**	**32,234,387**	**33,826,230**	**36,071,431**
Nonfarm personal income	52,458,701	58,117,391	61,121,333	63,345,092	67,126,596	71,964,664	28,366,545	29,993,181	31,000,358	32,151,057	33,740,749	35,991,313
Farm income[1]	87,994	95,365	96,218	99,097	109,529	107,935	68,401	73,653	83,594	83,330	85,481	80,118
Population (thousands)[2]	3,379.6	3,525.8	3,644.7	3,732.4	3,766.1	3,849.8	1,797.4	1,828.0	1,844.1	1,856.3	1,858.0	1,864.6
Per capita personal income (dollars)	**15,548**	**16,510**	**16,796**	**16,998**	**17,853**	**18,721**	**15,820**	**16,448**	**16,856**	**17,365**	**18,206**	**19,345**
Derivation of total personal income:												
Total earnings by place of work	44,047,751	48,796,704	51,073,029	52,940,182	55,797,246	58,790,134	23,240,933	24,606,853	25,296,955	26,147,773	27,432,718	28,849,571
Less: Personal contributions for social insurance[3]	2,375,816	2,772,280	2,927,986	3,047,494	3,296,080	3,578,207	1,252,236	1,388,229	1,465,709	1,505,691	1,629,836	1,770,040
Plus: Adjustment for residence	−596,787	−685,331	−659,584	−604,627	−584,532	−538,962	−693,380	−741,360	−774,636	−815,234	−833,162	−858,588
Equals: Net earnings by place of residence	41,075,148	45,339,093	47,485,459	49,288,061	51,916,634	54,672,965	21,295,317	22,477,264	23,056,610	23,826,848	24,969,720	26,220,943
Plus: Dividends, interest, and rent[5]	7,297,204	8,307,651	8,747,141	8,819,914	9,589,428	11,031,044	4,446,331	4,723,321	4,905,361	5,009,982	5,272,672	5,993,022
Plus: Transfer payments	4,174,343	4,566,012	4,984,951	5,336,214	5,730,063	6,368,590	2,693,298	2,866,249	3,121,981	3,397,557	3,583,838	3,857,466
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	36,319,138	40,311,303	41,930,362	43,375,402	45,564,806	47,863,165	19,464,776	20,539,775	21,011,791	21,491,602	22,434,236	23,517,606
Other labor income	3,665,524	3,853,569	4,153,326	4,286,594	4,567,273	4,879,358	1,828,502	1,862,091	1,904,189	1,937,849	2,032,137	2,166,814
Proprietors' income[6]	4,063,089	4,631,832	4,989,341	5,278,186	5,665,167	6,047,611	1,947,655	2,204,987	2,380,975	2,718,322	2,966,345	3,165,151
Farm	71,071	78,824	80,021	82,160	92,751	91,138	47,828	53,226	63,498	62,181	64,276	58,696
Nonfarm	3,992,018	4,553,008	4,909,320	5,196,026	5,572,416	5,956,473	1,899,827	2,151,761	2,317,477	2,656,141	2,902,069	3,106,455
Earnings by industry:												
Farm	87,994	95,365	96,218	99,097	109,529	107,935	68,401	73,653	83,594	83,330	85,481	80,118
Nonfarm	43,959,757	48,701,339	50,976,811	52,841,085	55,687,717	58,682,199	23,172,532	24,533,200	25,213,361	26,064,443	27,347,237	28,769,453
Private	39,796,574	44,119,547	46,072,950	47,644,430	50,108,763	52,714,112	19,806,609	20,925,500	21,423,323	22,092,742	23,193,121	24,428,737
Agricultural services, forestry, fisheries, and other[7]	142,005	163,824	164,839	186,555	193,491	203,019	92,288	97,627	101,465	117,757	117,835	116,524
Agricultural services	(D)	(D)	151,257*	172,225*	181,356*	189,853*	90,729	95,351	98,998	115,530	115,334	114,195
Forestry, fisheries, and other[7]	3,262*	3,826*	3,102*	2,438*	(D)	(D)	1,559	2,276	2,467	2,227	2,501	2,329
Mining	1,442,109	1,508,773	1,384,062	1,310,509	1,355,067	1,377,962	1,117,684	1,088,943	885,844	739,289	757,398	738,421
Coal mining	(D)	(D)	(D)	8,109*	7,271*	6,972*	27,588	28,945	26,935	25,585	20,465	22,076*
Oil and gas extraction	1,321,623*	1,379,145*	1,248,666*	1,198,390*	1,247,731*	1,245,731*	967,331	963,463*	766,085*	615,642*	619,794*	570,589*
Metal mining	(D)	(D)	370	(D)	(D)	(D)	109,067*	80,739*	74,830	83,978	101,943*	128,897*
Nonmetallic minerals, except fuels	28,096*	(D)	(D)	(D)	28,343*	(D)	12,333*	(D)	14,941*	11,141*	11,496*	(D)
Construction	3,652,572	4,053,917	3,969,888	3,374,190	3,156,467	2,944,327	1,782,593	1,768,007	1,676,387	1,481,453	1,421,048	1,395,032
Manufacturing	8,920,741	9,891,623	10,160,871	10,643,421	11,400,993	11,744,891	3,771,616	3,910,055	4,031,929	4,153,093	4,362,430	4,535,962
Nondurable goods	2,421,923	2,572,958	2,739,342	2,824,077	3,031,178	3,078,439	1,363,279	1,424,731	1,468,081	1,517,635	1,592,593	1,653,207
Food and kindred products	572,811*	610,507*	668,881*	678,102*	698,157*	712,729*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	15,452*	14,368*	13,028*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	209,995*	208,501*	191,364*	205,980*	208,601*	229,649*	30,817*	34,988*	(D)	40,473*	47,729*	55,263*
Paper and allied products	235,573*	223,661*	216,572*	238,823*	259,356*	264,749*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	642,367*	723,437	781,818*	783,095*	830,131*	819,221	341,514*	373,753*	379,514*	397,206	419,618	443,611
Chemicals and allied products	314,166*	362,192*	389,896*	398,449*	473,677*	509,481*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	83,137*	78,151*	114,446*	124,964*	139,673	134,950	33,081	35,018	38,466	39,752	40,823	40,748
Tobacco manufactures	(D)	300	310	0	0	0	76	(L)	(D)	89	88	88
Rubber and misc. plastic products	281,287*	282,993*	292,939	306,210*	329,052*	303,885*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	6,498,818	7,318,665	7,421,529	7,819,344	8,369,815	8,666,452	2,408,337	2,485,324	2,563,848	2,635,458	2,769,837	2,882,755
Lumber and wood products	189,875*	207,499*	198,577*	185,921*	175,924*	159,029*	39,533*	39,325	38,305	(D)	(D)	(D)
Furniture and fixtures	(D)	107,099*	122,914*	(D)	(D)	(D)	43,906	45,151	43,567	45,751*	48,952*	52,599*
Primary metal industries	156,797*	(D)	(D)	(D)	160,849*	165,329*	(D)	(D)	(D)	24,515*	26,877*	31,296*
Fabricated metal products	578,007*	602,916*	590,273*	(D)	(D)	(D)	200,313	206,370	200,900	(D)	(D)	(D)
Machinery, except electrical	1,171,855*	1,311,233	1,001,791*	973,822*	977,092*	967,757*	522,776	426,351	444,094	772,322	802,187	852,073
Electric and electronic equipment	1,679,073*	2,042,427*	2,214,181*	2,378,616*	2,496,650*	2,654,068*	(D)	(D)	402,114	356,348	373,247*	387,487*
Transportation equip. excl. motor vehicles	1,438,148*	1,689,184*	1,977,522*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	307,665*	320,100*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	24,017*
Stone, clay, and glass products	314,253	342,496*	352,606*	309,709*	297,339*	284,500*	225,194*	217,285	213,820	198,164	207,735	213,684
Instruments and related products	216,419*	201,155*	212,981*	209,179*	263,481*	290,442*	430,900*	(D)	(D)	190,000*	195,592*	215,751*
Miscellaneous manufacturing industries	148,596	153,014	137,805	153,768	185,507*	191,693*	61,447*	59,190*	63,553*	70,911	79,074	79,845
Transportation and public utilities	3,506,249	3,819,589	4,039,756	4,297,877	4,530,843	4,884,430	2,116,760	2,283,248	2,323,216	2,545,030	2,713,873	2,787,240
Railroad transportation	189,676	192,293	190,327	194,325	185,587	181,386	120,131	113,389	97,328	82,709	87,709*	96,234*
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	369,351*	369,080	376,042	404,101	429,265	450,392
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	829,703*	905,785*	933,902*	1,044,671*	1,079,907*	1,165,173*	756,294	867,450	845,996	1,049,999	1,118,298	1,139,115*
Electric, gas, and sanitary services	443,343*	492,577*	513,063*	459,365*	493,249	514,975	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	4,230,308	4,609,450	4,863,347	4,939,260	5,211,584	5,499,196	1,775,750	1,872,271	1,854,313	1,888,935	1,976,502	2,126,945
Retail trade	4,911,155	5,305,798	5,496,443	5,494,487	5,653,731	5,893,640	2,295,841	2,386,932	2,459,080	2,445,054	2,508,770	2,605,163
Finance, insurance, and real estate	3,945,932	4,537,261	4,871,720	5,201,155	5,268,964	5,412,490	1,777,178	1,945,857	2,113,371	2,303,105	2,239,508	2,247,338
Banking and credit agencies	1,131,872*	1,335,911*	1,460,668*	1,456,745*	1,466,688*	1,578,029*	608,806*	683,926	750,967	(D)	672,026	(D)
Other finance, insurance, and real estate[9]	2,805,354*	3,195,310*	3,404,746*	3,736,070*	3,784,252*	3,822,194*	1,101,164*	1,261,931	1,362,404	(D)	1,567,482	(D)
Services	9,045,503	10,229,312	11,122,024	12,196,976	13,337,623	14,754,157	5,076,899	5,572,560	5,977,718	6,419,026	7,095,757	7,876,112
Hotels and other lodging places	348,573*	363,801*	394,713*	407,264*	415,654*	413,163*	137,038*	150,475*	143,629*	144,884*	139,445*	139,674*
Personal services	505,872	585,170	619,650	653,484	719,736	793,665	222,726	275,098	292,291	304,949	338,943	388,277
Private households	169,772	172,963	175,031	175,105	184,972	194,680	40,760*	41,323*	41,451*	(D)	(D)	(D)
Business services	2,471,449	2,950,699	3,149,077	3,465,849	3,742,885	4,333,215	1,196,546	1,358,250	1,455,417	1,588,229	1,841,311	2,112,125
Auto repair, services, and garages	403,646	446,048	481,415	507,082	514,413	554,276	217,163	240,282	257,796	261,244	268,248	288,590
Miscellaneous repair services	155,782	150,530	160,289	167,850	178,147	192,592	(D)	85,731	99,836	96,013	103,900	109,278
Amusement and recreation services	212,665*	236,287*	261,922*	293,833*	333,544*	347,797*	115,327	136,204	147,348	164,616	188,429	187,573
Motion pictures	53,865*	64,441*	69,629*	69,950*	81,243*	79,656*	22,910*	25,632*	26,584*	(D)	(D)	(D)
Health services	2,123,873	2,354,848	2,538,194	2,956,019	3,346,247	3,698,846	1,300,518	1,394,674	1,510,200	1,682,187	1,842,390	2,041,027
Legal services	784,625	918,626	1,087,944	1,246,741	1,438,523	1,599,976	481,270	517,262	598,855	653,036	729,758	792,227
Educational services	229,933*	259,048*	274,184*	299,385*	332,644*	361,522*	134,129*	143,032*	144,982*	157,968*	172,100*	186,286*
Social services	147,698*	163,051*	163,805*	177,954*	196,765*	214,574*	95,695	111,490	124,979	132,411	153,812	172,292
Museums, botanical, zoological gardens	8,881*	10,204*	11,722*	12,468*	14,790*	15,962*	(D)	3,102*	3,385*	(D)	(D)	(D)
Membership organizations	265,773	296,066	318,433	349,257	387,456	415,306	197,497	203,987	214,815	232,128	254,526	270,772
Miscellaneous services	1,157,916	1,252,018	1,408,765	1,407,548	1,446,720	1,530,815	812,814	873,912	905,172	902,088	953,035	1,074,455
Government and government enterprises	4,163,183	4,581,792	4,903,861	5,196,655	5,578,954	5,968,087	3,365,923	3,607,700	3,790,038	3,971,701	4,154,116	4,340,716
Federal, civilian	1,028,761	1,130,263	1,151,561	1,206,953	1,324,527	1,432,085	938,541	987,298	992,123	1,065,901	1,150,477	1,219,240
Military	192,788	209,734	226,371	243,453	250,218	261,225	238,612	259,071	278,437	274,775	271,466	269,413
State and local	2,941,634	3,241,795	3,525,929	3,746,249	4,004,209	4,274,777	2,188,770	2,361,331	2,519,478	2,631,025	2,732,173	2,852,063

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Detroit—Ann Arbor, MI (CMSA)						Houston—Galveston—Brazoria, TX (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**65,895,778**	**71,792,200**	**76,957,474**	**80,363,222**	**85,880,109**	**91,617,065**	**52,213,097**	**54,354,817**	**53,840,666**	**54,192,497**	**58,805,477**	**64,062,885**
Nonfarm personal income	65,797,563	71,689,433	76,858,779	80,252,125	85,775,560	91,484,780	52,100,467	54,242,778	53,746,096	54,087,172	58,681,732	63,947,549
Farm income[1]	98,215	102,767	98,695	111,097	104,549	132,285	112,630	112,039	94,570	105,325	123,745	115,336
Population (thousands)[2]	4,582.3	4,592.0	4,606.3	4,626.7	4,620.2	4,621.1	3,590.7	3,605.5	3,655.6	3,621.8	3,641.5	3,652.7
Per capita personal income (dollars)	**14,380**	**15,634**	**16,707**	**17,369**	**18,588**	**19,826**	**14,541**	**15,076**	**14,728**	**14,963**	**16,149**	**17,538**
Derivation of total personal income:												
Total earnings by place of work	49,128,952	54,558,755	58,724,564	61,533,635	66,056,100	69,652,999	44,261,923	45,478,290	44,131,247	44,275,155	48,309,687	52,190,870
Less: Personal contributions for social insurance[3]	3,063,597	3,605,411	3,780,441	4,142,950	4,620,234	5,019,446	2,359,503	2,558,989	2,510,880	2,534,349	2,834,693	3,154,405
Plus: Adjustment for residence	−143,248	−135,950	−213,444	−259,609	−359,583	−309,146	−516,136	−403,027	−354,231	−338,377	−415,512	−478,379
Equals: Net earnings by place of residence	45,922,107	50,817,394	54,730,679	57,131,076	61,076,283	64,324,407	41,386,284	42,516,274	41,266,136	41,402,429	45,059,482	48,558,086
Plus: Dividends, interest, and rent[5]	10,100,242	10,811,669	11,332,466	11,728,884	12,659,369	14,488,204	6,873,402	7,576,113	7,746,910	7,675,156	8,368,709	9,606,488
Plus: Transfer payments	9,873,429	10,163,137	10,894,329	11,503,262	12,144,457	12,804,454	3,953,411	4,262,430	4,827,620	5,114,912	5,377,286	5,898,311
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	41,122,983	45,931,306	49,271,998	51,432,967	55,300,973	58,229,615	36,618,437	37,634,835	36,184,448	36,302,166	39,357,278	42,499,133
Other labor income	5,114,673	5,406,168	5,817,580	5,938,612	6,248,311	6,598,288	3,850,705	3,690,774	3,656,044	3,632,369	3,947,284	4,342,682
Proprietors' income[6]	2,891,296	3,221,281	3,634,986	4,162,056	4,506,816	4,825,096	3,792,781	4,152,681	4,290,755	4,340,620	5,005,125	5,349,055
Farm	70,897	75,825	72,264	83,396	77,011	104,465	92,278	92,146	75,080	84,925	103,527	95,085
Nonfarm	2,820,399	3,145,456	3,562,722	4,078,660	4,429,805	4,720,631	3,700,503	4,060,535	4,215,675	4,255,695	4,901,598	5,253,970
Earnings by industry:												
Farm	98,215	102,767	98,695	111,097	104,549	132,285	112,630	112,039	94,570	105,325	123,745	115,336
Nonfarm	49,030,737	54,455,988	58,625,869	61,422,538	65,951,551	69,520,714	44,149,293	45,366,251	44,036,677	44,169,830	48,185,942	52,075,534
Private	43,033,683	48,172,617	51,883,614	54,356,973	58,593,244	61,614,978	39,786,345	40,516,785	39,084,746	39,027,160	42,783,694	46,264,522
Agricultural services, forestry, fisheries, and other[7]	106,376	121,659	142,355	171,292	204,405	219,695	150,327	149,541	141,506*	152,433*	166,314	172,534
Agricultural services	102,418*	119,551	141,250	160,022*	185,292*	197,302*	140,720	136,718	125,633*	141,343*	153,668	154,378*
Forestry, fisheries, and other[7]	2,661*	2,108	1,105	(D)	(D)	(D)	9,607	12,823	15,884	11,097	12,646	(D)
Mining	116,553	159,113	76,306	84,483	113,535	120,055	4,457,602	4,464,271	3,770,097*	3,324,928*	3,703,365	3,722,893
Coal mining	(D)	194	231	69	86	93	(D)	26,556	22,638	10,704	10,977	11,248
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	77,102*	4,248,948*	4,259,534*	3,606,799*	3,189,012*	3,634,581*	3,635,205*
Metal mining	(D)	−77	72	855	906	1,009	(D)	(D)	(D)	6,484*	7,161*	11,613
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,730,258*	2,142,191*	2,452,141*	2,636,953*	2,991,429*	3,089,591*	4,445,496	3,942,063	3,624,966	3,295,920	3,659,096	4,167,567
Manufacturing	19,069,696	21,294,019	22,202,173	21,735,451	23,046,873	23,556,008	6,713,609	6,794,266	6,460,831	6,384,817	7,170,323	7,588,335
Nondurable goods	2,404,015	2,638,178	2,757,986	2,790,876	3,030,935	3,149,859	3,682,093	3,782,454	3,861,360	3,917,473	4,232,433	4,347,870
Food and kindred products	423,781*	396,371*	396,028*	391,495*	407,974*	404,382*	374,909*	385,757*	392,133*	400,475*	412,277*	440,505*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	2,544	2,041	1,515	1,170	(D)	2,579*
Apparel and other textile products	(D)	424,205*	528,831*	514,261*	558,357*	556,041	20,862*	19,439*	18,522*	19,681*	22,094*	23,720*
Paper and allied products	112,590*	117,943*	126,212*	118,115*	136,326*	146,777*	122,547*	125,188*	130,495*	122,442*	127,195*	135,016*
Printing and publishing	500,337*	552,511*	560,559*	582,681*	644,153*	730,789*	389,508	419,468	408,918	416,210	422,741*	443,781*
Chemicals and allied products	361,837*	405,033*	428,446*	(D)	(D)	(D)	1,554,980	1,670,690*	1,828,849*	1,882,576*	2,255,508*	2,245,606
Petroleum and coal products	59,342*	63,284*	67,887*	74,132*	80,389*	77,129*	1,056,006*	1,006,996*	904,503*	888,251	785,061*	835,617
Tobacco manufactures	(L)	(L)	(D)	(D)	(D)	108	0	0	0	0	0	0
Rubber and misc. plastic products	447,747*	527,444*	539,298	571,887	601,675	619,303*	152,969*	141,103*	139,254*	156,739*	173,564*	199,229*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,310*	(D)	861*
Durable goods	16,665,681	18,655,841	19,444,187	18,944,575	20,015,938	20,406,149	3,031,516	3,011,812	2,599,471	2,467,344	2,937,890	3,240,465
Lumber and wood products	37,555*	47,814*	58,972*	65,213	76,604	77,404	76,954*	70,232*	69,896	71,039	76,517*	74,807*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	30,360*	30,930*	30,366*	27,801*	30,130*	34,236*
Primary metal industries	945,166*	904,382*	985,737*	938,574*	964,435*	969,736*	215,571*	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,873,373	2,128,331	2,146,260	2,111,884	2,225,956	2,372,488	639,493*	651,931*	585,969*	578,451	659,592	758,560
Machinery, except electrical	2,516,888	2,758,680	2,810,172	2,600,719	2,709,261	2,942,424	1,222,125*	1,254,402	992,874*	957,182	1,237,901	1,349,259*
Electric and electronic equipment	(D)	(D)	(D)	588,969*	656,089*	667,253*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	455,255*	(D)	(D)	(D)	(D)	(D)	136,757*
Motor vehicles and equipment	9,730,164*	11,066,502*	11,723,235*	11,381,519*	12,009,216	11,911,838*	23,831*	26,015*	23,860*	25,700	27,616*	28,470*
Stone, clay, and glass products	354,316*	357,911*	360,970*	378,361*	416,696*	417,224*	186,417	179,753	161,284	150,071	158,474*	193,670
Instruments and related products	121,351*	138,869*	146,237*	149,833*	184,830*	200,568*	161,215*	175,204*	147,797*	131,350*	141,686*	167,365*
Miscellaneous manufacturing industries	83,538*	91,061*	104,331	106,749*	119,562*	121,888*	79,062	73,584	70,788	77,628	88,901*	85,584
Transportation and public utilities	2,769,642*	2,996,869*	3,214,748*	3,377,230*	3,578,952*	3,636,303*	3,394,728	3,555,821	3,388,629	3,378,017	3,865,649	4,258,477
Railroad transportation	190,008	177,784*	174,742*	180,001	180,400*	173,415*	180,395	174,689	174,714	177,957	187,625	205,300
Trucking and warehousing	756,568	835,485	908,176	906,782	964,556	958,548	638,663	636,533	626,648*	675,372	721,238*	754,250
Water transportation	(D)	19,036*	21,429*	(D)	(D)	(D)	329,235*	314,998*	269,158*	276,861*	300,203*	315,372*
Other transportation[8]	(D)	424,364*	525,618*	(D)	(D)	(D)	638,942*	703,992*	738,008*	819,057*	909,266*	1,019,383*
Communication	707,841*	757,622*	770,245*	803,123*	826,738*	793,803*	658,796*	734,516*	656,632*	734,804*	754,673*	797,337*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	908,241	939,635	939,718*	862,046*	639,728*	925,627*	1,109,283*
Wholesale trade	2,894,339	3,143,020	3,423,193	3,759,113	4,117,778	4,624,214	3,758,267	3,898,709	3,740,014	3,617,833	3,953,300	4,378,159
Retail trade	4,199,953	4,463,063	4,812,423	5,146,236	5,553,003	5,857,973	4,050,929	4,119,686	3,966,443	3,899,829	4,082,304	4,299,022
Finance, insurance, and real estate	2,143,864	2,364,125	2,681,311	3,348,010	3,470,251	3,487,134	3,246,613	3,363,059	3,461,226	3,653,764	3,618,532	3,643,351
Banking and credit agencies	893,199*	977,350*	1,090,925*	1,253,057*	1,359,803*	1,402,055*	1,038,305	1,107,894*	1,114,650*	1,083,625	1,049,005	1,056,112
Other finance, insurance, and real estate[9]	1,219,082*	1,351,796*	1,548,094*	2,048,512*	2,100,498*	2,074,963*	2,208,308	2,250,021*	2,341,019*	2,570,139	2,569,527	2,587,239
Services	9,832,425	11,334,369	12,711,175	13,902,743	15,300,835	16,790,253	9,568,774	10,229,369	10,524,439	11,313,920	12,564,811	14,034,184
Hotels and other lodging places	123,406	130,016*	161,613*	178,264	192,349	213,005	277,540*	272,644*	239,707*	247,603*	249,843*	236,352*
Personal services	361,957	439,979	475,558	508,426	588,803	656,940	390,218	444,416	454,484	461,859	516,383	575,420
Private households	93,804	94,101	93,118*	94,131	98,648*	104,062	195,058	198,853	201,172	201,229	212,669	223,880
Business services	1,954,853	2,739,643	3,130,788	3,505,332	3,743,961	4,076,491	2,394,954	2,644,160	2,572,954	2,723,799	3,050,134	3,539,379
Auto repair, services, and garages	345,692	409,008	441,221	452,346	481,484	521,039	327,197	345,693	349,856	356,136	373,921	409,071
Miscellaneous repair services	203,033	226,924	242,425	248,657	277,592	302,520	195,934	187,613	179,837	178,316	208,825	246,599
Amusement and recreation services	206,265	227,167	264,102	279,218	324,455	347,966	185,743*	206,155*	210,334*	226,973*	247,492*	277,522*
Motion pictures	(D)	(D)	(D)	(D)	126,021*	149,539*	22,409*	20,057*	18,789*	24,045*	29,244*	34,295*
Health services	3,532,800	3,580,150	3,887,839	4,308,995	4,620,828	4,999,678	2,357,768	2,470,904	2,624,062	2,962,350	3,323,125	3,616,851
Legal services	722,125	795,904	902,357	1,017,926	1,201,315	1,273,951	986,427	1,115,942	1,295,703	1,442,682	1,613,194	1,811,165
Educational services	184,801*	195,915	209,395	229,710	284,037	305,445	282,289	309,507	335,020	390,195	439,720	489,259
Social services	235,762	276,931	302,525	338,187	386,446	444,976	122,975	142,819	146,622	160,821	176,809	202,651*
Museums, botanical, zoological gardens	11,616*	11,025*	12,136*	13,887*	13,305*	15,405*	(D)	(D)	(D)	(D)	10,602*	11,905*
Membership organizations	404,332	429,797	453,781	502,153	550,186	584,189	260,947	281,570	294,698	309,125	345,225	342,623
Miscellaneous services	1,373,776	1,685,223	2,034,325	2,127,428	2,410,334	2,794,727	1,561,230	1,580,268	1,580,978	1,604,675	1,751,831	1,997,691
Government and government enterprises	5,997,054	6,283,371	6,742,255	7,065,565	7,358,307	7,905,736	4,362,948	4,849,466	4,951,931	5,142,670	5,402,248	5,811,012
Federal, civilian	917,290	963,356	959,368	1,005,188	1,081,814	1,132,021	742,679	804,480	788,666	839,202	905,527	973,730
Military	101,786	109,807	116,983	121,507	124,118	128,300	92,620	102,500	108,613	116,385	119,721	120,352
State and local	4,977,978	5,210,208	5,665,904	5,938,870	6,152,375	6,645,415	3,527,649	3,942,486	4,054,652	4,187,083	4,377,000	4,716,930

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Los Angeles—Anaheim—Riverside, CA (CMSA)						Miami—Fort Lauderdale, FL (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**189,261,165**	**205,721,481**	**221,356,472**	**241,015,794**	**261,578,771**	**283,106,495**	**40,407,063**	**43,484,197**	**46,157,431**	**50,171,640**	**54,725,555**	**59,433,476**
Nonfarm personal income	188,246,074	204,660,636	220,230,117	239,856,953	260,316,825	281,963,441	40,239,924	43,312,232	45,968,535	49,986,026	54,532,082	59,232,166
Farm income[1]	1,015,091	1,060,845	1,126,355	1,158,841	1,261,946	1,143,054	167,139	171,965	188,896	185,614	193,473	201,310
Population (thousands)[2]	12,488.7	12,759.3	13,122.1	13,458.0	13,769.7	14,152.8	2,830.8	2,864.6	2,903.2	2,950.1	3,000.5	3,043.9
Per capita personal income (dollars)	**15,155**	**16,123**	**16,869**	**17,909**	**18,997**	**20,004**	**14,274**	**15,180**	**15,899**	**17,006**	**18,239**	**19,526**
Derivation of total personal income:												
Total earnings by place of work	142,376,226	155,277,785	168,616,237	186,662,142	202,544,557	216,167,651	25,999,316	28,131,338	30,449,725	33,838,231	36,623,114	38,343,938
Less: Personal contributions for social insurance[3]	8,173,600	9,357,107	10,284,293	11,276,236	12,700,834	14,047,215	1,412,939	1,605,247	1,749,901	1,850,189	2,092,344	2,289,473
Plus: Adjustment for residence	−4,406	−28,495	−64,683	−137,917	−119,304	−111,156	−108,722	−139,259	−143,210	−143,802	−157,307	−163,166
Equals: Net earnings by place of residence	134,198,220	145,892,183	158,267,261	175,247,989	189,724,419	202,009,280	24,477,655	26,386,832	28,556,614	31,844,240	34,373,463	35,891,299
Plus: Dividends, interest, and rent[5]	31,120,202	33,335,486	34,868,535	36,040,811	40,128,334	46,653,064	10,084,348	10,903,716	11,225,615	11,587,828	12,883,423	15,156,349
Plus: Transfer payments	23,942,743	26,493,812	28,220,676	29,726,994	31,726,018	34,444,151	5,845,060	6,193,649	6,375,202	6,739,572	7,468,669	8,385,828
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	115,666,395	126,505,811	136,761,217	151,228,426	163,350,284	174,155,347	21,823,318	23,587,630	25,328,082	28,054,181	30,412,136	31,729,691
Other labor income	11,927,230	12,379,781	13,472,438	14,605,564	15,768,534	16,947,717	2,026,717	2,097,029	2,288,954	2,474,601	2,652,359	2,770,494
Proprietors' income[6]	14,782,601	16,392,193	18,382,582	20,828,152	23,425,739	25,064,587	2,149,281	2,446,679	2,832,689	3,309,449	3,558,619	3,843,753
Farm	683,191	709,980	758,006	762,852	869,440	743,089	126,026	131,919	149,650	144,826	153,005	161,003
Nonfarm	14,099,410	15,682,213	17,624,576	20,065,300	22,556,299	24,321,498	2,023,255	2,314,760	2,683,039	3,164,623	3,405,614	3,682,750
Earnings by industry:												
Farm	1,015,091	1,060,845	1,126,355	1,158,841	1,261,946	1,143,054	167,139	171,965	188,896	185,614	193,473	201,310
Nonfarm	141,361,135	154,216,940	167,489,882	185,503,301	201,282,611	215,024,597	25,832,177	27,959,373	30,260,829	33,652,617	36,429,641	38,142,628
Private	123,902,521	135,165,883	147,036,137	163,327,217	177,494,806	189,211,855	22,474,668	24,266,956	26,273,825	29,235,687	31,608,513	33,003,478
Agricultural services, forestry, fisheries, and other[7]	707,789	757,852	791,043	1,013,478	1,108,378	1,204,229	125,463	136,758	142,821	170,580	200,638	209,908
Agricultural services	671,712	713,387	737,691	969,046	1,051,817	1,149,378	121,399	129,556	133,905	163,787	192,186	201,935
Forestry, fisheries, and other[7]	36,077	44,465	53,352	44,432	56,561	54,851	4,064	7,202	8,916	6,793	8,452	7,973
Mining	1,084,784	1,096,242	810,161	762,155	869,261	836,294	145,889	194,462	89,281	88,809	117,263	112,893
Coal mining	(D)	(D)	2,216	(D)	689	(D)	3,635*	3,535*	3,492*	(D)	2,261*	(D)
Oil and gas extraction	983,806	988,291	693,209	644,629	(D)	700,145	116,159	162,335	54,469	49,824	75,143	70,188
Metal mining	(D)	(D)	3,014	(D)	5,203	4,769*	(D)	(D)	(D)	(D)	(D)	0
Nonmetallic minerals, except fuels	(D)	101,876	111,722	112,004	115,628*	(D)	25,971	28,507	31,229	37,010	39,813	(D)
Construction	7,666,223	8,640,336	9,784,010	11,004,191	12,255,094	13,282,058	1,837,511	1,927,439	2,086,597	2,154,430	2,320,155	2,294,409
Manufacturing	33,162,338	35,266,285	36,929,636	39,655,600	42,006,686	43,292,886	2,759,294	2,848,931	2,969,664	3,178,602	3,392,014	3,436,915
Nondurable goods	8,790,361	9,115,903	9,649,549	10,591,300	11,511,832	12,092,616	1,168,292	1,214,312	1,295,538	1,396,055	1,470,931	1,525,883
Food and kindred products	1,750,830	1,736,537	1,814,331	1,909,359	1,942,281	2,054,390	160,183	166,065	177,025	193,700	196,128	207,202
Textile mill products	221,244*	237,725*	267,202*	310,839*	339,557	(D)	32,055	30,858	34,187	38,593	(D)	(D)
Apparel and other textile products	1,165,010	1,207,371*	1,364,386	1,561,653	1,687,665	1,870,750	238,935	227,637	240,475	260,353	282,351	297,871
Paper and allied products	693,225	724,058	745,025*	806,940*	857,494	888,267	41,367	45,590	48,754	54,583	53,650	69,463
Printing and publishing	1,890,472	2,014,231	2,171,144	2,448,937	2,716,931	2,882,644	390,869	442,732	486,522	531,792	563,047	571,700
Chemicals and allied products	1,110,620	1,139,203	1,187,409	1,285,165	1,554,632	1,571,982	115,598	119,445	138,232	123,169	129,769	126,161
Petroleum and coal products	793,678	889,788	836,847	831,427	938,056	909,762	14,363	14,407	17,632	19,983	21,728	23,470
Tobacco manufactures	806	503	578	879	(D)	(D)	7,761*	6,383*	2,091*	2,084*	1,921	1,773
Rubber and misc. plastic products	1,062,357	1,067,259	1,151,770	1,321,548	1,387,925	1,462,442	138,212	135,487	129,793	150,445	156,829	150,572
Leather and leather products	91,696*	85,855*	87,709*	88,590*	(D)	(D)	27,904*	25,099*	20,576*	21,052*	21,354*	24,155*
Durable goods	24,371,977	26,150,382	27,280,087	29,064,300	30,494,854	31,200,270	1,591,002	1,634,619	1,674,126	1,782,547	1,921,083	1,911,032
Lumber and wood products	431,767	443,005	514,950	601,055	650,018	(D)	65,443	75,213	82,201	84,171	91,832	84,850
Furniture and fixtures	887,977	931,574	949,156	1,044,478	1,087,697	1,119,917	87,693	96,572	100,242	118,760	130,113	128,069
Primary metal industries	867,088	782,080	818,227	859,513	942,776	1,033,955	35,124	30,754	35,808	36,570	37,583	32,910
Fabricated metal products	2,564,907	2,708,580	2,749,493	2,891,353	3,012,099	3,073,286	209,673	218,749	224,049	235,038	238,305	220,205
Machinery, except electrical	3,261,766	3,373,945	3,189,041	3,286,277	3,359,346	3,398,907	325,516	358,546	333,316	344,938	308,140	304,000
Electric and electronic equipment	6,970,054	7,699,949	7,979,618	8,262,063	8,165,212	7,966,304	442,421	438,534	423,943	444,734	542,735	569,184
Transportation equip. excl. motor vehicles	5,914,553*	6,576,415*	7,365,030*	8,142,518*	8,587,020	8,926,188*	150,780	146,674	187,727	192,255	216,396	212,743
Motor vehicles and equipment	660,161*	668,980*	619,092*	639,858*	724,481	705,113	20,161	21,237	23,221	22,676	22,853	13,978
Stone, clay, and glass products	772,723	760,101	814,233	855,779	948,690	1,001,649	133,233	124,795	132,085	149,864	161,718	168,543
Instruments and related products	1,282,170	1,393,908	1,453,725	1,544,899	2,185,981	2,247,138	59,114	61,746	64,561	68,594	76,558	87,415
Miscellaneous manufacturing industries	642,010	670,016	667,415	743,505	831,534	859,280	61,844	61,799	66,973	84,947	94,850	89,135
Transportation and public utilities	9,037,894	9,505,855	10,116,176	10,659,939	11,144,850	11,930,158	2,742,439	2,870,345	3,009,839	3,232,938	3,362,037	3,166,591
Railroad transportation	437,147*	434,991*	398,880*	371,712*	380,452	396,680*	38,264	36,175	35,798	(D)	35,013	32,767
Trucking and warehousing	1,974,413	2,057,987	2,200,540	2,393,270	2,538,618	2,688,564	284,345	292,001	333,039	369,261	(D)	(D)
Water transportation	392,203*	413,399*	449,066*	450,135*	469,433*	512,541*	124,218	131,769	131,339	144,886	186,062	200,387
Other transportation[8]	2,118,273*	2,227,544*	2,662,478*	2,770,320*	3,042,461*	3,383,543*	(D)	(D)	(D)	1,565,636	1,478,329	1,315,826
Communication	2,898,672	3,047,616	3,040,362	2,909,499*	2,851,848*	3,032,093*	701,072	704,638	676,996	719,977	790,467	733,664
Electric, gas, and sanitary services	1,118,705	1,216,241	1,296,106	1,389,841	1,471,707	1,512,414	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	10,347,464	11,417,305	12,424,100	13,026,852	14,551,520	15,884,410	1,997,434	2,210,293	2,351,966	2,674,132	3,028,924	3,277,243
Retail trade	14,391,003	15,446,909	16,452,310	17,572,576	19,170,841	20,338,818	3,248,304	3,513,933	3,756,319	4,059,976	4,455,009	4,676,937
Finance, insurance, and real estate	9,671,275	10,934,023	13,086,546	16,206,055	16,642,648	17,066,209	2,198,894	2,447,215	2,717,318	3,408,054	3,465,747	3,407,198
Banking and credit agencies	3,752,509	4,046,105	4,620,262	5,147,966	5,295,338	5,502,935	878,184	972,980	1,112,876	1,215,546	1,342,198	1,393,721
Other finance, insurance, and real estate[9]	5,918,766	6,887,918	8,466,284	11,058,089	11,347,310	11,563,274	1,320,710	1,474,235	1,604,442	2,192,508	2,123,549	2,013,477
Services	37,833,751	42,101,076	46,642,155	53,426,371	59,745,528	65,376,793	7,419,440	8,117,580	9,150,020	10,268,166	11,266,726	12,421,384
Hotels and other lodging places	808,916	915,912	971,490	1,143,680	1,370,423	1,591,334	394,120	406,792	436,943	505,614	528,160	536,924
Personal services	1,252,135	1,511,393	1,633,287	1,791,371	2,068,256	2,371,735	247,271	285,817	320,733	349,293	389,856	417,448
Private households	626,096*	678,836	690,627	703,133	758,687	812,141	221,874	228,340	233,005	238,374	257,760	275,951
Business services	8,943,766	10,036,161	11,142,064	12,497,495	14,234,044	15,184,858	1,135,642	1,248,404	1,408,961	1,559,970	1,715,272	2,002,598
Auto repair, services, and garages	1,565,408	1,754,216	1,902,776	1,996,949	2,162,518	2,351,933	298,434	334,804	357,818	387,669	418,309	455,209
Miscellaneous repair services	830,953	852,118	871,684	860,501	978,872	1,054,969	132,886	119,618	141,517	150,762	165,287	183,959
Amusement and recreation services	1,427,208	1,623,282	1,941,207	2,339,521	2,548,566	2,832,954	251,305	269,802	299,662	331,103	352,551	392,495
Motion pictures	3,027,144	3,411,138	3,617,284	4,334,394	4,781,052*	5,114,184	(D)	(D)	35,513	40,623	43,402	(D)
Health services	9,691,268	10,619,796	11,543,582	13,568,227	14,686,979	15,858,017	2,301,914	2,489,758	2,675,613	3,084,911	3,353,493	3,686,108
Legal services	2,833,048	3,249,046	3,812,614	4,496,274	5,208,597	5,796,411	856,392	975,192	1,127,987	1,343,045	1,429,760	1,487,875
Educational services	1,285,557	1,342,892	1,369,675	1,469,579	1,626,763	1,801,729	315,488	349,583	380,527	424,022	476,896	522,119
Social services	567,368	638,058	733,361	883,077	1,008,708	1,127,381	127,433	146,757	164,163	188,300	221,253	249,814
Museums, botanical, zoological gardens	21,464*	27,502	34,218	38,327	45,908*	51,746	(D)	(D)	2,474	2,699	2,777	(D)
Membership organizations	1,153,446	1,229,780	1,307,512	1,405,519	1,575,522	1,688,787	252,972	256,422	275,783	295,108	335,476	369,259
Miscellaneous services	3,760,803	4,210,946	5,070,774	5,898,324	6,684,930	7,738,614	854,480	971,557	1,289,321	1,366,673	1,576,474	1,786,959
Government and government enterprises	17,458,614	19,051,057	20,453,745	22,176,084	23,787,805	25,812,742	3,357,509	3,692,417	3,987,004	4,416,930	4,821,128	5,139,150
Federal, civilian	3,063,179	3,234,138	3,285,030	3,504,861	3,781,214	3,969,227	579,016	634,285	653,057	719,422	814,462	870,337
Military	1,354,598	1,504,620	1,559,140	1,623,105	1,664,863	1,721,136	133,310	161,367	182,121	186,449	185,450	192,120
State and local	13,040,837	14,312,299	15,609,575	17,048,118	18,341,728	20,122,379	2,645,183	2,896,765	3,151,826	3,511,059	3,821,216	4,076,693

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Milwaukee—Racine, WI (CMSA)						New York—Northern New Jersey—Long Island, NY—NJ—CT (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**22,216,226**	**23,266,309**	**24,409,920**	**25,778,294**	**27,632,373**	**29,551,255**	**296,236,222**	**317,259,353**	**338,732,123**	**366,255,366**	**401,415,275**	**429,451,540**
Nonfarm personal income	22,141,772	23,180,226	24,319,189	25,682,635	27,551,307	29,448,547	295,980,128	316,993,432	338,451,691	365,948,648	401,100,463	429,133,697
Farm income[1]	74,454	86,083	90,731	95,659	81,066	102,708	256,094	265,921	280,432	306,718	314,812	317,843
Population (thousands)[2]	1,549.0	1,551.3	1,553.9	1,557.5	1,571.7	1,581.5	17,713.2	17,786.9	17,896.9	17,944.7	17,985.2	18,013.0
Per capita personal income (dollars)	**14,342**	**14,998**	**15,709**	**16,551**	**17,581**	**18,686**	**16,724**	**17,837**	**18,927**	**20,410**	**22,319**	**23,841**
Derivation of total personal income:												
Total earnings by place of work	16,493,808	17,297,056	18,253,831	19,505,052	21,129,244	22,362,925	213,370,707	231,657,249	251,686,168	276,527,574	302,609,395	315,827,647
Less: Personal contributions for social insurance[3]	1,045,614	1,149,679	1,205,012	1,329,687	1,505,168	1,649,052	13,564,683	15,392,654	17,513,053	19,103,081	21,635,304	23,199,681
Plus: Adjustment for residence	−303,874	−334,975	−402,563	−406,387	−418,988	−467,679	−3,515,850	−3,838,657	−4,176,516	−4,708,551	−5,120,726	−5,198,065
Equals: Net earnings by place of residence	15,144,320	15,812,402	16,646,256	17,768,978	19,205,088	20,246,194	196,290,174	212,425,938	229,996,599	252,715,942	275,853,365	287,429,901
Plus: Dividends, interest, and rent[5]	3,822,002	4,006,725	4,099,646	4,183,421	4,419,890	5,012,932	57,363,859	60,202,890	61,998,410	64,330,808	72,976,032	83,607,518
Plus: Transfer payments	3,249,904	3,447,182	3,664,018	3,825,895	4,007,395	4,292,129	42,582,189	44,630,525	46,737,114	49,208,616	52,585,878	58,414,121
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,940,125	14,630,936	15,433,125	16,412,026	17,800,009	18,805,571	177,293,622	191,969,776	209,049,539	228,527,316	249,653,961	259,743,939
Other labor income	1,453,944	1,454,410	1,540,420	1,603,847	1,731,336	1,844,950	16,879,814	17,419,478	18,540,799	19,416,242	20,885,537	21,907,699
Proprietors' income[6]	1,099,739	1,211,710	1,280,286	1,489,179	1,597,899	1,712,404	19,197,271	22,267,995	24,095,830	28,584,016	32,069,897	34,176,009
Farm	57,252	68,967	73,900	78,050	63,423	84,943	196,479	207,839	224,053	248,672	257,679	261,227
Nonfarm	1,042,487	1,142,743	1,206,386	1,411,129	1,534,476	1,627,461	19,000,792	22,060,156	23,871,777	28,335,344	31,812,218	33,914,782
Earnings by industry:												
Farm	74,454	86,083	90,731	95,659	81,066	102,708	256,094	265,921	280,432	306,718	314,812	317,843
Nonfarm	16,419,354	17,210,973	18,163,100	19,409,393	21,048,178	22,260,217	213,114,613	231,391,328	251,405,736	276,220,856	302,294,583	315,509,804
Private	14,483,028	15,168,018	16,031,147	17,183,712	18,651,875	19,743,480	185,355,425	201,600,670	219,241,707	241,423,108	264,469,618	274,676,090
Agricultural services, forestry, fisheries, and other[7]	42,674	44,273	45,870	60,550	66,161	72,506	644,909	708,522*	783,304*	985,047	1,081,611	1,123,797
Agricultural services	41,743	43,291	45,005	59,761	65,325	71,610	490,137	529,788*	579,645*	761,577*	838,496*	(D)
Forestry, fisheries, and other[7]	931	982	865	789	836	896	154,772	183,287*	208,419*	219,706*	238,525*	(D)
Mining	43,194	57,314	26,612	27,160	35,357	37,958	724,030	939,005*	433,640*	446,019	643,735	646,962
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	436,043*
Metal mining	0	0	0	0	0	0	(D)	16,363*	17,326*	30,196*	31,473*	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	702,632	746,395	856,331	939,904	1,044,310	1,123,908	9,913,338	11,497,167	13,549,518	15,098,024	16,559,890	16,634,988
Manufacturing	5,710,990	5,740,594	5,888,322	6,068,905	6,488,737	6,690,518	39,424,185	40,559,367	41,486,152	42,340,319	45,036,620	44,856,437
Nondurable goods	1,439,074	1,480,356	1,582,329	1,681,711	1,803,304	1,884,875	21,034,802	21,773,961	22,187,600	22,735,315	24,651,283	24,809,433
Food and kindred products	429,852	414,905	434,334	450,021	475,187	479,804	2,273,157*	2,397,968*	2,413,250*	2,655,378*	2,820,112*	2,897,334
Textile mill products	11,605*	10,509*	11,129*	11,349*	10,956*	11,018*	760,742*	767,683*	758,828*	754,898*	754,891*	(D)
Apparel and other textile products	29,763*	32,637*	(D)	(D)	(D)	(D)	3,079,829*	3,042,286*	3,067,416*	3,087,548*	3,214,208*	3,172,772*
Paper and allied products	111,840*	109,129*	120,385*	124,427*	136,728*	149,904*	1,521,558*	1,477,122*	1,405,161*	1,457,130*	1,514,139*	1,544,414*
Printing and publishing	392,896*	417,717*	456,028*	498,227*	546,605*	576,422*	5,082,412	5,503,922	5,776,957	6,303,867	7,035,886	6,930,903
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,544,517*	5,836,502*	6,091,402*	6,295,506*	7,029,935*	7,215,953*
Petroleum and coal products	4,606*	4,136*	3,935*	5,039*	4,291*	2,501	1,052,939*	998,680*	868,866*	500,127*	538,133*	(D)
Tobacco manufactures	(L)	0	0	0	0	0	167,250	169,408	151,023	(D)	(D)	(D)
Rubber and misc. plastic products	135,106*	148,073	163,247	175,070	186,668	185,919	1,066,081*	1,100,620*	1,133,117*	1,182,948*	1,209,523*	1,129,389*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	248,947*	233,668*	222,985*	222,011*	218,457*	230,324*
Durable goods	4,271,916	4,260,238	4,305,993	4,387,194	4,685,433	4,805,643	18,389,383	18,785,406	19,298,552	19,605,004	20,385,337	20,047,004
Lumber and wood products	20,640	22,345	25,944	31,502	36,508	35,189	(D)	(D)	(D)	(D)	(D)	349,872*
Furniture and fixtures	29,779*	30,799*	35,770*	39,615*	43,621*	48,143*	437,095*	461,217*	(D)	502,868*	508,745*	492,269*
Primary metal industries	275,190	257,779	254,466	259,516	295,308	310,968	939,292*	837,976*	828,049*	800,026*	833,189*	801,794*
Fabricated metal products	655,987	661,909	674,019	675,522	732,675	749,469	2,052,528*	2,110,700*	2,166,707*	2,143,808*	2,208,233*	2,188,525*
Machinery, except electrical	1,628,187	1,603,809	1,647,608	1,698,334	1,826,731	1,861,320	3,323,648	3,451,312	3,475,949*	3,407,164*	3,800,448*	3,624,311*
Electric and electronic equipment	982,498	992,964	970,511	976,167	1,004,327	1,021,209	4,616,389	4,610,083	4,796,848	4,997,273*	5,062,001*	5,044,965*
Transportation equip. excl. motor vehicles	73,802*	49,088*	50,229*	57,886*	68,945*	79,984*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	350,192*	337,266*	333,978*	311,830*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	57,374	57,436	66,157	75,413	88,386	91,615	510,667*	514,457*	512,481*	529,444*	565,230*	570,019*
Instruments and related products	97,052*	(D)	(D)	133,796*	(D)	(D)	2,244,844*	2,330,960*	2,444,653*	2,450,860*	2,569,824*	2,707,022*
Miscellaneous manufacturing industries	68,536*	68,971*	75,067	81,682	90,548	102,953	1,252,755*	1,211,020*	1,212,791*	1,241,579*	1,308,896*	1,371,577*
Transportation and public utilities	1,035,676	1,108,652	1,165,461	1,183,158	1,247,306	1,290,273	17,898,678	18,682,664	19,120,774	20,208,855	21,398,705	21,512,640
Railroad transportation	67,834	62,277	53,929	40,702*	43,257	44,098	420,244*	446,676*	438,309*	463,038*	471,927*	494,388*
Trucking and warehousing	354,570	362,435	(D)	(D)	(D)	(D)	2,632,852*	2,884,850*	3,124,776	3,371,844*	3,619,673*	3,807,145*
Water transportation	(D)	(D)	6,297*	6,803*	4,914*	3,866*	1,097,763*	1,086,688*	1,065,600*	944,000*	855,703*	805,321*
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	189,981*	230,989*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,144,412	1,191,683	1,225,107	1,327,500	1,464,946	1,615,099	18,398,393	19,930,103	20,930,951	22,772,098	25,208,505	26,253,221
Retail trade	1,358,080	1,439,351	1,531,038	1,621,149	1,772,116	1,906,696	16,713,320	18,058,128	19,801,501	21,347,966	22,994,411	23,873,051
Finance, insurance, and real estate	1,062,937	1,146,047	1,272,616	1,520,220	1,563,293	1,609,844	25,846,485	28,893,556	33,923,348	41,580,534	45,435,568	45,637,303
Banking and credit agencies	343,426*	382,312*	407,715	426,023*	444,346*	461,644*	7,894,400*	8,330,834*	9,491,123*	10,412,608*	11,505,004*	12,437,744*
Other finance, insurance, and real estate[9]	695,460*	739,452*	864,901	1,065,469*	1,092,452*	1,122,106*	17,237,043*	19,520,503*	23,106,636*	29,271,722*	31,201,931*	31,354,577*
Services	3,382,433	3,693,709	4,019,790	4,435,166	4,969,649	5,396,678	55,792,087	62,307,710	69,197,038	76,644,246	86,110,573	94,137,691
Hotels and other lodging places	52,848	53,966	49,770	60,233	65,784	68,639	(D)	958,564*	1,050,465*	1,239,313*	1,411,223*	1,492,018*
Personal services	150,163	174,908	185,635	193,950	220,130	245,372	1,489,836*	1,776,295*	1,925,570*	2,020,661*	2,332,931*	2,540,372*
Private households	34,887	34,926	34,736	34,710	36,894	38,757	980,377*	983,465*	979,339*	976,582*	1,032,880*	1,079,945*
Business services	658,585	796,586	884,260	1,001,077	1,162,859	1,285,354	15,321,724	17,603,830	19,556,520	21,473,786	24,115,113	26,014,821
Auto repair, services, and garages	102,788	118,244	127,590	134,611	149,184	164,268	1,325,535	1,484,525	1,613,543	1,788,509	1,916,139	2,031,408
Miscellaneous repair services	47,893	44,289	47,533	48,919	60,698	67,829	795,977	815,770	900,378	922,468	1,023,151	1,060,564
Amusement and recreation services	79,256	85,330	85,713	91,828	107,259	112,604	1,418,707	1,642,649	1,880,793	2,166,370	2,548,603*	2,747,481
Motion pictures	8,945*	9,220*	8,903*	8,824*	(D)	12,131*	1,001,140*	1,158,879*	1,180,506*	1,336,407*	1,463,227*	1,641,848*
Health services	1,309,230	1,351,303	1,457,915	1,611,221	1,734,941	1,850,431	13,855,979	15,195,299	16,510,888	18,671,293	21,058,840	23,378,059
Legal services	275,111	306,825	337,208	369,411	420,231	460,842	6,168,850	6,814,759	7,862,226	8,771,239	9,964,351	11,020,959
Educational services	194,342	213,730	233,571	249,058	268,284	293,670	2,542,045*	2,794,810*	3,027,427*	3,274,444*	3,648,223	3,873,867
Social services	118,421	130,847	141,674	163,126	186,575	204,624	1,829,486	2,053,815	2,381,535	2,599,316	2,887,978	3,311,404
Museums, botanical, zoological gardens	1,752*	2,119*	2,234*	2,461*	2,687*	2,978*	(D)	(D)	151,005*	163,687*	(D)	203,869*
Membership organizations	117,073*	118,216*	123,783*	136,579*	168,892	178,954	1,753,054	1,860,196	1,957,969	2,196,207	2,446,289	2,636,290
Miscellaneous services	219,437	241,156	286,960	315,948	372,938	409,448	6,000,208	6,676,250	7,859,488	8,626,721	9,728,297	10,751,473
Government and government enterprises	1,936,326	2,042,955	2,131,953	2,225,681	2,396,303	2,516,737	27,759,188	29,790,658	32,164,029	34,797,748	37,824,965	40,833,714
Federal, civilian	292,539	307,968	303,844	329,726	353,445	376,238	4,933,890	5,120,960	5,113,005	5,351,689	5,733,580	6,017,324
Military	61,401	69,236	74,069	78,173	80,911	82,739	569,029	602,419	624,313	632,082	639,508	652,493
State and local	1,582,386	1,665,751	1,754,040	1,817,782	1,961,947	2,057,760	22,256,269	24,067,279	26,426,711	28,813,977	31,451,877	34,163,897

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Philadelphia—Wilmington—Trenton, PA—NJ—DE—MD (CMSA)						Pittsburgh—Beaver Valley, PA (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**82,355,800**	**88,854,037**	**94,734,108**	**102,372,377**	**111,261,051**	**119,713,960**	**30,733,263**	**31,971,533**	**33,121,690**	**34,527,686**	**36,992,557**	**39,552,580**
Nonfarm personal income	82,092,147	88,576,118	94,470,058	102,108,710	110,998,939	119,440,127	30,680,426	31,920,059	33,074,555	34,478,186	36,935,147	39,488,286
Farm income[1]	263,653	277,919	264,050	263,667	262,112	273,833	52,837	51,474	47,135	49,500	57,410	64,294
Population (thousands)[2]	5,758.3	5,786.5	5,848.9	5,910.8	5,963.3	6,013.0	2,369.2	2,334.4	2,309.8	2,292.0	2,284.1	2,266.0
Per capita personal income (dollars)	**14,302**	**15,355**	**16,197**	**17,320**	**18,658**	**19,909**	**12,972**	**13,696**	**14,340**	**15,064**	**16,196**	**17,455**
Derivation of total personal income:												
Total earnings by place of work	58,880,863	63,670,960	68,333,072	75,064,662	81,757,929	86,701,894	21,372,146	22,065,292	22,763,207	24,064,953	25,759,643	27,164,912
Less: Personal contributions for social insurance[3]	3,788,596	4,268,799	4,757,016	5,252,553	5,943,977	6,511,276	1,371,543	1,480,725	1,554,578	1,640,076	1,831,025	2,007,894
Plus: Adjustment for residence	807,373	846,919	840,314	914,160	1,011,394	1,072,861	−369,515	−388,048	−384,093	−389,426	−406,958	−433,704
Equals: Net earnings by place of residence	55,899,640	60,249,080	64,416,370	70,726,269	76,825,346	81,263,479	19,631,088	20,196,519	20,824,536	22,035,451	23,521,660	24,723,314
Plus: Dividends, interest, and rent[5]	13,766,326	15,043,527	15,828,026	16,531,984	18,355,331	21,148,367	5,347,950	5,681,670	5,853,134	5,856,327	6,453,000	7,431,664
Plus: Transfer payments	12,689,834	13,561,430	14,489,712	15,114,124	16,080,374	17,302,114	5,754,225	6,093,344	6,444,020	6,635,908	7,017,897	7,397,602
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	48,888,068	52,818,785	56,666,946	62,067,337	67,594,476	71,564,538	17,302,275	17,879,378	18,392,130	19,391,425	20,689,165	21,767,288
Other labor income	5,043,445	5,207,465	5,583,032	5,967,569	6,430,278	6,886,625	1,972,626	1,923,783	1,945,987	2,001,948	2,113,529	2,223,065
Proprietors' income[6]	4,949,350	5,644,710	6,083,094	7,029,756	7,733,175	8,250,731	2,097,245	2,262,131	2,425,090	2,671,580	2,956,949	3,174,559
Farm	172,904	187,756	174,773	169,300	167,071	176,997	42,372	41,101	36,887	38,685	46,547	53,273
Nonfarm	4,776,446	5,456,954	5,908,321	6,860,456	7,566,104	8,073,734	2,054,873	2,221,030	2,388,203	2,632,895	2,910,402	3,121,286
Earnings by industry:												
Farm	263,653	277,919	264,050	263,667	262,112	273,833	52,837	51,474	47,135	49,500	57,410	64,294
Nonfarm	58,617,210	63,393,041	68,069,022	74,800,995	81,495,817	86,428,061	21,319,309	22,013,818	22,716,072	24,015,453	25,702,233	27,100,618
Private	49,886,604	54,123,235	58,433,967	64,267,770	70,274,433	74,503,821	18,940,749	19,528,078	20,155,281	21,326,568	22,850,716	24,085,774
Agricultural services, forestry, fisheries, and other[7]	208,157	226,262	260,640	320,305*	360,812*	392,907*	48,750	44,236	46,788	63,437	67,355	69,053
Agricultural services	199,906*	214,824*	247,702*	311,597*	350,948*	382,916*	46,323	41,703	44,515	61,772	65,617	67,444
Forestry, fisheries, and other[7]	6,863*	9,966*	11,171*	9,189	10,468	10,592	2,427	2,533	2,273	1,665	1,738	1,609
Mining	192,468	267,891	127,396	120,469*	165,094*	193,262*	406,375	427,267	380,410	320,277	327,112	307,223
Coal mining	(D)	1,922*	2,071*	1,225	1,462	1,545	305,018	295,807	294,721*	224,671*	223,125*	196,251*
Oil and gas extraction	(D)	(D)	(D)	66,662*	102,850*	(D)	87,462	117,198	68,628	68,057*	81,592	87,666
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	163*	(D)	1,129	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	45,263*	51,032*	(D)	(D)	(D)	16,037*	(D)	(D)	(D)
Construction	3,648,962	3,732,756*	4,156,718*	4,600,491*	5,278,834*	5,692,128	1,450,917	1,521,012	1,683,624	1,738,858	1,724,598	1,842,216
Manufacturing	14,625,361	15,448,364	15,803,864	16,369,188	17,292,590	17,991,677	5,346,560	5,079,540	4,698,670	4,713,348	5,050,447	4,957,954
Nondurable goods	7,163,660	7,572,532	7,838,861	8,149,374	8,744,466	9,238,768	1,127,271	1,125,409	1,062,402	1,131,676	1,278,481	1,250,745
Food and kindred products	898,264*	958,180*	982,542*	1,021,095*	1,078,580*	1,127,133*	243,084	217,966*	219,707*	229,261*	244,543*	245,798*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	440,704*	424,688*	401,410*	378,483*	383,730*	383,576*	36,555	30,004	26,533	25,639	30,480	30,663
Paper and allied products	557,570*	585,206*	627,076*	650,156*	703,548*	735,674*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	1,012,372	1,126,044*	1,207,863	1,293,732	1,400,050*	1,457,448*	226,898	243,165	250,060	249,795	262,047	272,517
Chemicals and allied products	2,745,124*	2,950,710*	3,099,928*	3,227,859*	3,570,017*	3,886,434*	288,973*	308,530*	317,931*	386,619	485,598	432,094
Petroleum and coal products	670,274*	698,891*	625,684*	721,304*	672,396*	741,994*	166,071	130,147	46,819	34,493	33,291	30,659
Tobacco manufactures	2,192	2,212	2,459	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	418,169*	439,436*	(D)	450,463*	467,753*	481,990*	82,342*	88,557*	100,403	121,837	128,978	135,362*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	360	413	373	(D)	(D)	(D)
Durable goods	7,461,701	7,875,832	7,965,003	8,219,814	8,548,124	8,752,909	4,219,289	3,954,131	3,636,268	3,581,672	3,771,966	3,707,209
Lumber and wood products	62,321*	(D)	(D)	101,706*	(D)	104,652*	17,339	19,021	20,680	23,710	27,253	36,598
Furniture and fixtures	170,918*	183,771*	198,252*	(D)	(D)	(D)	(D)	(D)	29,668*	31,788*	31,744*	35,378*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,770,407	1,531,960	1,279,923*	1,230,835*	1,343,988*	1,373,592*
Fabricated metal products	1,018,376*	(D)	(D)	(D)	(D)	(D)	382,771*	389,524*	374,459*	381,143*	402,496*	415,971
Machinery, except electrical	1,479,887*	1,608,659*	1,511,827*	1,548,504*	1,719,283*	1,686,652*	580,781	565,237	542,332	548,110	567,544	584,819
Electric and electronic equipment	1,365,046*	1,433,883*	1,575,389*	(D)	1,608,008*	1,673,195*	504,946*	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	73,642*	54,080*	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	539,022*	550,558*	592,251*	606,722*	615,692*	621,975*	347,844*	359,931*	363,660*	371,981*	427,476	424,670*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	170,725*	167,720*	168,369*	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	31,088	31,336	31,159	35,172	39,744*	43,114*
Transportation and public utilities	3,691,320	3,555,718*	3,729,013*	4,056,290*	4,306,497*	4,753,027*	1,607,929	1,602,338	1,647,284	1,696,344	1,819,934	1,961,419
Railroad transportation	383,278	398,286	356,570*	(D)	(D)	378,970*	148,635	150,591	144,462	128,528	134,031	137,370
Trucking and warehousing	854,934	888,849	975,857	1,099,099	1,209,484	1,262,855	325,530	309,073	321,095	340,618	366,849	396,023
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	251,091*	278,895*	(D)	(D)	369,724*	428,046*
Communication	(D)	(D)	(D)	(D)	(D)	(D)	376,361	336,840	332,552	348,350	360,931	377,942
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	452,510	478,675	497,412	508,537	528,404	558,126
Wholesale trade	4,048,371	4,310,453	4,626,980	5,103,421	5,664,671	5,974,680	1,357,894	1,430,629	1,484,251	1,545,438	1,706,614	1,792,607
Retail trade	5,273,692	5,670,134	6,177,986	6,621,389	7,268,029	7,584,270	2,110,212	2,162,936	2,248,974	2,297,306	2,493,143	2,656,221
Finance, insurance, and real estate	3,836,437	4,315,540	5,036,292	6,368,468	6,594,278	6,664,050	1,169,960	1,259,522	1,396,399	1,696,372	1,620,925	1,668,139
Banking and credit agencies	(D)	1,435,626	1,656,772*	1,879,835*	2,054,225*	2,125,835*	578,786	621,758	675,699	711,344	712,165	717,774*
Other finance, insurance, and real estate[9]	2,404,627*	2,879,914	3,305,648*	4,398,813*	4,454,351*	4,144,641*	591,174	637,764	720,700	985,028	908,760	915,645*
Services	14,361,836	16,015,101*	17,844,721*	19,960,407*	22,498,068*	24,975,453*	5,442,152	6,000,598	6,568,881	7,255,188	8,040,588	8,830,942
Hotels and other lodging places	227,676*	245,528*	271,624*	296,949*	316,463*	349,371*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	452,503*	552,947*	594,261*	623,196*	802,242	900,391	215,904	265,824	284,939	291,861	340,511	382,286
Private households	180,349*	180,780*	180,619*	180,773*	183,053*	201,245*	46,696	46,602	46,423	46,356	46,785*	48,987*
Business services	3,011,920	3,528,477*	4,046,436*	4,625,392*	5,212,176*	5,836,725*	934,006	1,109,390	1,206,228	1,313,061	1,473,888	1,656,666
Auto repair, services, and garages	562,173	627,188	690,490	719,833	779,827	841,677	190,259	206,810	226,425	231,042	242,061	252,154
Miscellaneous repair services	254,744*	260,940*	262,967*	272,496*	300,528	331,586	97,849	99,825	104,604	101,647	109,940	111,800
Amusement and recreation services	249,180	300,639	323,789	348,280	392,561*	441,068	133,397	141,558	146,851	155,515	172,889	191,310
Motion pictures	(D)	(D)	(D)	(D)	63,048*	(D)	16,831*	15,916*	19,877*	(D)	(D)	(D)
Health services	4,673,523	5,107,990	5,584,108	6,326,226	7,069,626	7,815,935	2,016,864	2,161,727	2,332,971	2,682,192	2,929,268	3,202,141
Legal services	1,237,837	1,400,959	1,595,648	1,793,168	2,113,492	2,346,805	359,813	385,614	433,765	490,090	583,523	664,402
Educational services	(D)	(D)	(D)	(D)	1,721,004	1,860,303	451,332	492,080	539,037	588,138	654,091	684,173
Social services	429,771	478,614	579,992	646,234	732,504	828,254	111,030	127,458	141,236	170,444	191,213	214,395
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	4,891*	5,198*	5,618*	(D)	(D)	(D)
Membership organizations	472,139	491,588	531,006	592,265	659,162	700,371	200,376	203,970	217,443	232,178	259,521	274,660
Miscellaneous services	1,209,746	1,388,839	1,636,106	1,856,316	2,154,847	2,487,200	579,021	649,075	768,951	822,955	897,393	996,477
Government and government enterprises	8,730,606	9,269,806	9,635,055	10,533,225	11,221,384	11,924,240	2,378,560	2,485,740	2,560,791	2,688,885	2,851,517	3,014,844
Federal, civilian	2,269,506	2,419,862	2,381,147	2,552,308	2,734,931	2,872,761	494,273	514,851	512,432	539,890	584,069	618,096
Military	557,555	571,281	586,476	674,896	655,186	614,011	76,792	84,996	90,650	91,212	93,186	95,471
State and local	5,903,545	6,278,663	6,667,432	7,306,021	7,831,267	8,437,468	1,807,495	1,885,893	1,957,709	2,057,783	2,174,262	2,301,277

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Portland—Vancouver, OR—WA (CMSA)						San Francisco—Oakland—San Jose, CA (CMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**17,995,337**	**18,978,739**	**19,891,785**	**21,197,445**	**23,226,147**	**25,654,525**	**102,337,791**	**110,313,597**	**116,832,245**	**124,852,659**	**136,091,669**	**145,872,701**
Nonfarm personal income	17,863,741	18,834,414	19,704,230	20,996,911	22,998,801	25,410,913	101,844,807	109,802,632	116,216,195	124,222,370	135,436,472	145,202,696
Farm income[1]	131,596	144,325	187,555	200,534	227,346	243,612	492,984	510,965	616,050	630,289	655,197	670,005
Population (thousands)[2]	1,338.2	1,350.1	1,370.3	1,384.4	1,414.2	1,448.3	5,707.5	5,802.7	5,874.0	5,948.1	6,041.8	6,134.7
Per capita personal income (dollars)	**13,447**	**14,058**	**14,516**	**15,312**	**16,423**	**17,713**	**17,931**	**19,011**	**19,890**	**20,990**	**22,525**	**23,778**
Derivation of total personal income:												
Total earnings by place of work	13,207,764	14,061,145	14,895,545	16,055,117	17,785,749	19,432,727	77,397,544	83,558,894	89,077,343	96,103,522	104,754,068	111,556,504
Less: Personal contributions for social insurance[3]	847,862	940,754	1,038,563	1,093,952	1,250,262	1,413,286	4,401,684	4,972,586	5,380,061	5,751,599	6,500,747	7,167,294
Plus: Adjustment for residence	−105,471	−135,666	−128,552	−165,287	−193,141	−207,770	−280,758	−305,024	−340,276	−362,395	−399,794	−400,266
Equals: Net earnings by place of residence	12,254,431	12,984,725	13,728,430	14,795,878	16,342,346	17,811,671	72,715,102	78,281,284	83,357,006	89,989,528	97,853,527	103,988,944
Plus: Dividends, interest, and rent[5]	3,159,261	3,295,793	3,445,362	3,544,242	3,807,495	4,415,567	18,288,474	19,654,962	20,333,208	21,067,412	23,453,431	25,888,746
Plus: Transfer payments	2,581,645	2,698,221	2,717,993	2,857,325	3,076,306	3,427,287	11,334,215	12,377,351	13,142,031	13,795,719	14,784,711	15,995,011
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,827,585	11,424,453	12,158,528	12,991,820	14,367,498	15,700,381	62,867,086	67,775,877	72,139,557	77,305,851	84,157,726	89,730,570
Other labor income	1,042,396	1,180,456	1,151,535	1,220,783	1,344,688	1,490,574	6,485,900	6,871,770	7,136,781	7,489,962	8,149,627	8,789,304
Proprietors' income[6]	1,337,783	1,456,236	1,585,482	1,842,514	2,073,563	2,241,772	8,044,558	8,911,247	9,801,005	11,307,709	12,446,715	13,036,630
Farm	89,414	102,314	145,776	156,380	183,014	198,641	298,678	306,910	403,783	401,942	416,321	414,477
Nonfarm	1,248,369	1,353,922	1,439,706	1,686,134	1,890,549	2,043,131	7,745,880	8,604,337	9,397,222	10,905,767	12,030,394	12,622,153
Earnings by industry:												
Farm	131,596	144,325	187,555	200,534	227,346	243,612	492,984	510,965	616,050	630,289	655,197	670,005
Nonfarm	13,076,168	13,916,820	14,707,990	15,854,583	17,558,403	19,189,115	76,904,560	83,047,929	88,461,293	95,473,233	104,098,871	110,886,499
Private	11,252,124	11,877,047	12,668,639	13,685,111	15,228,464	16,694,004	66,048,671	71,140,156	76,087,145	82,181,165	90,017,875	95,853,624
Agricultural services, forestry, fisheries, and other[7]	66,440	67,804	69,986	96,345	104,534	112,997	349,425	366,851	(D)	(D)	544,531	579,749
Agricultural services	47,015	47,980	52,086	74,687*	85,557	89,196*	329,569	335,376	346,811	(D)	(D)	(D)
Forestry, fisheries, and other[7]	19,425	19,824	17,900	(D)	18,977	(D)	19,856	31,475	40,526*	35,017	37,319*	(D)
Mining	45,013	54,668	30,769	30,919	38,959	52,045	462,791	537,825	(D)	335,261*	432,585	464,768
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	739	(D)	826	(D)	308	(D)
Oil and gas extraction	(D)	34,729	12,214	(D)	(D)	(D)	(D)	(D)	(D)	244,957*	323,793	351,745
Metal mining	511	(D)	(D)	(D)	(D)	(D)	31,766*	39,005*	(D)	66,002*	64,052*	(D)
Nonmetallic minerals, except fuels	8,609	9,170	10,567	9,566	(D)	12,386*	(D)	41,483*	45,509*	43,253*	(D)	(D)
Construction	720,628	744,605	801,954	857,023	1,033,912	1,203,251	5,392,339	5,814,944	6,166,257	6,580,530	7,204,853	7,506,467
Manufacturing	2,936,101	3,016,185	3,173,580	3,316,791	3,648,046	3,884,466	16,715,448	17,520,848	18,092,338	18,877,660	20,588,720	21,951,443
Nondurable goods	824,634	858,321	889,378	960,493	1,037,364	1,045,301	4,283,344	4,396,148	4,640,172	4,904,641	5,365,478	5,637,388
Food and kindred products	219,936	228,062	232,599	249,384	257,971	246,860	1,258,468	1,288,719*	1,313,582*	1,334,500*	1,383,034	1,427,499
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14,973*	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	44,876*	292,669*	267,843*	284,254*	318,422*	366,856*	403,522*
Paper and allied products	241,670*	255,499*	268,387*	273,333*	282,403*	291,375*	252,369*	241,453*	261,556*	267,918*	267,834*	288,843*
Printing and publishing	161,403	176,939	186,062	212,300	246,650	240,241	889,005	924,395	1,008,478	1,092,188	1,236,944	1,333,076
Chemicals and allied products	41,494*	43,512*	40,928*	42,068*	46,319*	49,011*	681,762*	782,589*	853,034*	912,131*	1,058,461	1,111,321*
Petroleum and coal products	10,497*	7,410*	10,204*	9,695	14,345	12,686*	637,359*	658,515*	678,245*	722,014*	785,148*	769,742
Tobacco manufactures	(D)	(D)	97	135	(D)	67	0	0	0	0	0	0
Rubber and misc. plastic products	50,021*	48,893*	50,829*	59,514*	81,279	(D)	229,113*	189,436*	204,187*	222,239*	234,666	255,214*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	2,111,467	2,157,864	2,284,202	2,356,298	2,610,682	2,839,165	12,432,104	13,124,700	13,452,166	13,973,019	15,223,242	16,314,055
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	128,937	(D)	127,842*	162,023*	172,555*	204,041
Furniture and fixtures	38,807	40,452	39,033*	(D)	(D)	56,085*	134,811*	137,664*	118,073*	130,616*	147,237*	161,674*
Primary metal industries	243,651	237,818*	238,242*	258,335*	299,960*	355,895*	485,840	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	220,907	219,190	216,303	231,255	247,651	280,438	894,940	806,878*	815,376	694,604	704,589	725,169
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	3,065,586	3,193,101	3,330,796	3,607,398	4,045,119*	4,501,879
Electric and electronic equipment	272,831	279,078	300,971	341,141	396,597	444,461	4,219,049*	4,549,512*	4,471,754*	4,703,064*	4,891,599*	5,256,448*
Transportation equip. excl. motor vehicles	97,027*	109,147*	163,144*	148,998*	175,414*	172,691*	1,384,000*	1,628,923*	1,755,806*	1,698,462*	1,831,707*	1,903,423*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	113,872*	162,843*	202,910*	186,254*	186,051*	204,581*
Stone, clay, and glass products	50,396	51,506	55,779	61,935	74,438	81,906	316,584	328,619	343,945	358,142	415,355	424,334
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,445,985	1,555,235	1,702,851	1,843,577	2,083,516	2,283,199
Miscellaneous manufacturing industries	44,625	45,966	47,281	57,392	69,806	73,238	223,503	151,789	146,454	151,342	145,769	148,248
Transportation and public utilities	1,164,384	1,189,186	1,195,514	1,301,333	1,406,945	1,496,299	5,902,069	6,205,873	6,613,661	6,777,579	7,028,521	7,359,881
Railroad transportation	113,783*	103,071*	94,077*	86,592	83,892	85,363	227,409*	227,394	206,070	208,222	200,898	202,594*
Trucking and warehousing	357,075	374,660	387,222	429,345	458,367	506,823*	974,443*	1,018,024	1,075,802	1,045,024*	1,212,370	(D)
Water transportation	69,098	57,351*	59,454*	65,324*	70,612	72,144*	279,339*	296,517*	339,950*	372,494*	379,255*	393,061*
Other transportation[8]	(D)	140,554*	(D)	180,124*	235,050	231,832*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	345,188	(D)	(D)	1,838,817*	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	177,666*	201,692	189,072	182,606	188,433*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,213,124	1,297,465	1,370,772	1,425,943	1,598,760	1,771,841	4,752,546	5,293,768	5,624,770	5,924,311	6,663,826	7,187,826
Retail trade	1,439,748	1,471,968	1,553,256	1,624,566	1,817,417	1,966,477	7,396,711	7,905,314	8,429,981	8,767,077	9,498,526	10,119,680
Finance, insurance, and real estate	841,765	900,621	1,005,731	1,200,099	1,260,459	1,331,050	5,829,429	6,545,244	7,567,208	8,876,760	9,120,574	9,077,089
Banking and credit agencies	310,182	325,976	355,168	380,096	374,793*	409,828*	2,243,841*	2,432,342*	2,758,724	2,900,049	3,011,563	3,110,694
Other finance, insurance, and real estate[9]	531,583	574,645	650,563	820,003	778,890*	805,744*	3,270,378*	3,787,194*	4,808,484	5,976,711	6,109,011	5,966,395
Services	2,824,921	3,134,545	3,467,077	3,832,092	4,319,432	4,875,578	19,247,913	20,949,489	22,859,558	25,511,280	28,935,739	31,606,721
Hotels and other lodging places	65,489	67,373	72,835	85,919	104,178	112,858	(D)	(D)	(D)	(D)	(D)	795,104*
Personal services	125,683*	152,431*	165,542*	170,128*	194,576*	230,117	683,913	848,753	906,665	952,564	1,107,041	1,250,206
Private households	30,211	30,330	30,299	30,410	32,506	34,567	(D)	(D)	(D)	(D)	(D)	(D)
Business services	519,301	619,256	702,170	808,262	941,840	1,109,257	5,662,895	6,122,827	6,707,237	7,513,212	8,981,395	9,802,583
Auto repair, services, and garages	151,595	168,965	179,919	190,171	199,936	221,616	840,477	941,446	1,006,093	1,052,894	1,103,993	1,177,847
Miscellaneous repair services	74,039	69,912	86,732	90,607	99,100	115,244	496,394	466,223	437,236	400,588	449,680	482,355
Amusement and recreation services	51,107	62,377	63,248	72,198	83,634	93,279	373,370*	413,995*	469,320*	538,537*	637,361*	685,795*
Motion pictures	(D)	(D)	(D)	(D)	(D)	21,724*	122,565*	139,271*	177,896*	177,260*	220,875*	257,040*
Health services	949,627	1,039,421	1,128,121	1,255,968	1,376,872	1,532,223	4,445,022	4,932,270	5,378,067	6,043,485	6,510,837	7,074,577
Legal services	260,920	277,674	315,758	337,984	389,936	427,575	1,581,045	1,750,215	2,063,980	2,366,725	2,761,275	3,060,494
Educational services	106,775*	113,846*	122,318*	139,216*	149,996*	176,721	(D)	(D)	(D)	(D)	(D)	1,029,934
Social services	90,276	100,539	112,877	126,961	144,769	162,544	400,782	446,855	500,671	569,762	657,081	736,275
Museums, botanical, zoological gardens	4,262*	4,915*	5,941*	6,194*	6,954*	7,965*	13,439*	15,139*	17,420*	20,030*	21,830*	23,636*
Membership organizations	120,883	127,591	133,911	143,693	158,841	168,443	646,052	698,285	743,394	781,787	866,942	932,132
Miscellaneous services	250,027	271,732	317,213	342,694	397,935	459,215	2,422,482	2,520,116	2,720,762	3,188,294	3,509,007	3,940,808
Government and government enterprises	1,824,044	2,039,773	2,039,351	2,169,472	2,329,939	2,495,111	10,855,889	11,907,773	12,374,148	13,292,068	14,080,996	15,032,875
Federal, civilian	471,408	496,808	499,702	533,759	583,182	623,705	2,614,513	2,747,016	2,739,639	2,889,570	3,121,480	3,267,482
Military	38,942	47,278	56,463	56,768	56,874	58,153	958,658	1,019,266	1,031,664	1,088,814	1,102,288	1,148,882
State and local	1,313,694	1,495,687	1,483,186	1,578,945	1,689,883	1,813,253	7,282,718	8,141,491	8,602,845	9,313,684	9,857,228	10,616,511

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Seattle—Tacoma, WA (CMSA)					
	1984	1985	1986	1987	1988	1989
Income by Place of Residence						
Total personal income	**32,933,918**	**35,454,633**	**38,152,831**	**40,985,019**	**44,688,045**	**49,486,830**
Nonfarm personal income	32,868,395	35,381,712	38,059,794	40,879,064	44,574,052	49,360,734
Farm income[1]	65,523	72,921	93,037	105,955	113,993	126,096
Population (thousands)[2]	2,210.8	2,250.5	2,296.9	2,351.4	2,420.8	2,493.0
Per capita personal income (dollars)	**14,897**	**15,754**	**16,611**	**17,430**	**18,460**	**19,851**
Derivation of total personal income:						
Total earnings by place of work	24,793,383	26,744,301	29,149,452	31,576,082	34,605,904	38,096,094
Less: Personal contributions for social insurance[3]	1,434,708	1,611,959	1,804,793	1,982,833	2,235,790	2,539,118
Plus: Adjustment for residence	−215,464	−264,902	−339,007	−366,891	−415,130	−474,780
Equals: Net earnings by place of residence	23,143,211	24,867,440	27,005,652	29,226,358	31,954,984	35,082,196
Plus: Dividends, interest, and rent[5]	5,365,808	5,803,662	6,118,114	6,420,247	6,913,246	8,097,280
Plus: Transfer payments	4,424,899	4,783,531	5,029,065	5,338,414	5,819,815	6,307,354
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	20,702,083	22,297,916	24,284,912	26,191,878	28,668,469	31,552,882
Other labor income	1,949,215	2,010,448	2,183,974	2,299,603	2,511,280	2,823,266
Proprietors' income[6]	2,142,085	2,435,937	2,680,566	3,084,601	3,426,155	3,719,946
Farm	40,759	48,602	68,980	80,544	88,455	100,165
Nonfarm	2,101,326	2,387,335	2,611,586	3,004,057	3,337,700	3,619,781
Earnings by industry:						
Farm	65,523	72,921	93,037	105,955	113,993	126,096
Nonfarm	24,727,860	26,671,380	29,056,415	31,470,127	34,491,911	37,969,998
Private	20,723,678	22,351,631	24,522,219	26,668,152	29,375,213	32,498,616
Agricultural services, forestry, fisheries, and other[7]	163,957	253,154	332,671	365,158	448,916	459,308
Agricultural services	87,894	88,674	94,237	131,804	142,025	148,463
Forestry, fisheries, and other[7]	76,063	164,480	238,434	233,354	306,891	310,845
Mining	59,562	81,130	40,277	43,427	59,415	60,268
Coal mining	(D)	1,605*	1,038	(D)	1,770	1,837
Oil and gas extraction	44,674	66,244	24,426	26,195	38,774	36,299
Metal mining	(D)	102*	313	(D)	2,770	3,567
Nonmetallic minerals, except fuels	12,841	13,108	14,500	14,467	16,101	18,565
Construction	1,713,534	1,704,566	1,927,570	2,078,087	2,354,787	2,579,105
Manufacturing	5,636,154	6,099,263	6,832,620	7,238,639	7,958,249	8,960,889
Nondurable goods	987,339	1,030,572	1,084,463	1,135,887	1,208,442	1,474,359
Food and kindred products	318,474	328,021	339,335	352,461	373,979	451,938
Textile mill products	3,440*	5,909*	(D)	8,139*	8,138*	8,320*
Apparel and other textile products	77,090	(D)	(D)	(D)	72,769	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	332,319
Printing and publishing	269,956	292,134	321,776	346,551	389,852	403,589
Chemicals and allied products	61,315*	67,630*	69,838*	69,911*	72,918*	77,799*
Petroleum and coal products	16,964	13,941	14,431	16,071	18,329	18,155
Tobacco manufactures	54	(L)	(D)	56	56	57
Rubber and misc. plastic products	64,234	63,412	71,890	77,463	86,903	97,487
Leather and leather products	4,435*	3,135*	3,642*	4,457	3,755*	6,693*
Durable goods	4,648,815	5,068,691	5,748,157	6,102,752	6,749,807	7,486,530
Lumber and wood products	399,897	386,195	400,750	437,203	474,516	375,724
Furniture and fixtures	51,376	53,570	54,863	62,121	(D)	(D)
Primary metal industries	123,376*	114,812	103,540	99,711	102,963	111,536
Fabricated metal products	185,340	181,687	191,030	205,321	234,012	259,637
Machinery, except electrical	212,809	(D)	(D)	246,105	306,901	339,842
Electric and electronic equipment	(D)	(D)	(D)	265,831*	276,474*	295,001*
Transportation equip. excl. motor vehicles	2,933,234*	3,360,319	3,972,249	4,161,903	4,560,533	(D)
Motor vehicles and equipment	(D)	(D)	63,593	134,694	142,891*	152,264
Stone, clay, and glass products	119,605	124,364	126,865	138,820	167,781	164,639
Instruments and related products	184,310*	209,840*	216,992*	241,611*	288,414	(D)
Miscellaneous manufacturing industries	64,922	67,010	71,150	79,741	95,186	101,806
Transportation and public utilities	2,027,625	2,123,021	2,231,435	2,331,339	2,556,105	2,744,513
Railroad transportation	(D)	108,263	104,836	104,678	109,126	117,041
Trucking and warehousing	377,626	354,425*	366,971*	384,434*	(D)	(D)
Water transportation	(D)	(D)	(D)	257,118	279,613	309,822
Other transportation[8]	566,018*	606,624*	668,554*	710,989	775,808	864,369
Communication	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	126,930	141,662	144,294	133,153	165,959	184,167
Wholesale trade	1,924,336	1,997,887	2,097,651	2,221,386	2,454,354	2,723,544
Retail trade	2,585,652	2,712,544	2,876,717	3,073,140	3,362,198	3,698,688
Finance, insurance, and real estate	1,707,336	1,787,825	2,014,361	2,363,432	2,430,366	2,555,063
Banking and credit agencies	628,402	677,043	772,788	816,220	858,827	896,255
Other finance, insurance, and real estate[9]	1,078,934	1,110,782	1,241,573	1,547,212	1,571,539	1,658,808
Services	4,905,522	5,592,241	6,168,917	6,953,544	7,750,823	8,717,238
Hotels and other lodging places	135,681	143,301	143,370	168,878	178,445	186,598
Personal services	268,241	317,282	334,437	349,078	389,252	447,165
Private households	53,013	53,697	54,041	54,723	58,900	62,961
Business services	868,333	1,018,793	1,157,670	1,454,175	1,609,161	1,837,513
Auto repair, services, and garages	254,506	295,230	316,557	325,250	330,279	364,550
Miscellaneous repair services	125,298	128,298	139,759	146,267	166,306	197,186
Amusement and recreation services	157,633	179,956	191,149	207,265	229,709	252,392
Motion pictures	23,282*	23,980*	28,213*	28,209*	(D)	(D)
Health services	1,455,738	1,637,327	1,782,880	2,038,849	2,356,420	2,624,515
Legal services	464,373	540,604	619,332	666,205	746,128	832,342
Educational services	147,392	168,699	175,359	194,648	217,840	238,736
Social services	140,797	154,516	164,432	179,769	197,877	229,393
Museums, botanical, zoological gardens	2,975*	3,398*	3,752*	4,528*	5,542*	6,391*
Membership organizations	213,595	220,073	235,818	250,784	281,197	301,783
Miscellaneous services	592,727	704,831	819,728	882,088	951,383	1,096,711
Government and government enterprises	4,004,182	4,319,749	4,534,196	4,801,975	5,116,698	5,471,382
Federal, civilian	794,315	840,214	837,833	889,073	947,700	1,009,978
Military	630,116	699,369	717,660	727,780	737,782	729,608
State and local	2,579,751	2,780,166	2,978,703	3,185,122	3,431,216	3,731,796

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89

[Thousands of dollars]

	Abilene, TX (MSA)						Akron, OH (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,527,318**	**1,642,009**	**1,625,465**	**1,648,095**	**1,734,010**	**1,820,398**	**8,285,983**	**8,776,512**	**9,222,511**	**9,722,353**	**10,390,459**	**11,032,873**
Nonfarm personal income	1,515,623	1,622,500	1,602,582	1,622,197	1,702,298	1,788,693	8,271,563	8,765,646	9,211,758	9,710,079	10,383,639	11,024,683
Farm income[1]	11,695	19,509	22,883	25,898	31,712	31,705	14,420	10,866	10,753	12,274	6,820	8,190
Population (thousands)[2]	122.4	122.9	124.5	123.6	121.8	121.4	648.9	645.3	647.6	648.6	653.5	656.5
Per capita personal income (dollars)	**12,481**	**13,358**	**13,055**	**13,337**	**14,237**	**15,001**	**12,768**	**13,601**	**14,240**	**14,989**	**15,900**	**16,805**
Derivation of total personal income:												
Total earnings by place of work	1,222,787	1,291,462	1,256,281	1,260,804	1,316,999	1,329,586	5,697,230	5,995,923	6,332,428	6,694,531	7,118,284	7,508,176
Less: Personal contributions for social insurance[3]	64,926	71,882	70,568	70,568	76,156	80,052	381,610	421,619	452,982	474,210	519,726	568,428
Plus: Adjustment for residence	−82,150	−85,216	−77,022	−76,334	−76,543	−67,832	460,052	510,041	529,546	556,460	667,043	646,298
Equals: Net earnings by place of residence	1,075,711	1,134,364	1,108,691	1,113,902	1,164,300	1,181,702	5,775,672	6,084,345	6,408,992	6,776,781	7,265,601	7,586,046
Plus: Dividends, interest, and rent[4]	261,137	292,961	284,866	286,305	310,514	357,003	1,223,544	1,294,970	1,337,867	1,368,533	1,477,015	1,677,070
Plus: Transfer payments	190,470	214,684	231,908	247,888	259,196	281,693	1,286,767	1,397,197	1,475,652	1,577,039	1,647,843	1,769,757
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	972,173	1,023,747	986,307	969,516	999,541	994,217	4,842,016	5,111,395	5,372,857	5,674,499	6,040,228	6,369,706
Other labor income	86,202	86,169	83,214	80,920	85,714	86,927	498,528	499,972	528,310	521,548	545,157	581,261
Proprietors' income[6]	164,412	181,546	186,760	210,368	231,744	248,442	356,686	384,556	431,261	498,484	532,899	557,209
Farm	10,653	18,521	21,946	24,952	30,806	30,840	11,568	8,101	8,051	9,471	4,062	5,446
Nonfarm	153,759	163,025	164,814	185,416	200,938	217,602	345,118	376,455	423,210	489,013	528,837	551,763
Earnings by industry:												
Farm	11,695	19,509	22,883	25,898	31,712	31,705	14,420	10,866	10,753	12,274	6,820	8,190
Nonfarm	1,211,092	1,271,953	1,233,398	1,234,906	1,285,287	1,297,881	5,682,810	5,985,057	6,321,675	6,682,257	7,111,464	7,499,986
Private	965,393	1,012,125	948,064	938,587	979,602	982,362	4,953,908	5,206,518	5,476,963	5,780,706	6,151,690	6,499,340
Agricultural services, forestry, fisheries, and other[7]	9,453	7,176	6,687	13,145	11,719	12,482	25,574	25,417	24,950	29,570	32,661	35,401
Agricultural services	9,431	7,146	6,653	13,121	11,692	12,456	(D)	(D)	24,470	29,273	32,341	35,123
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	480	297	320	278
Mining	120,065	119,804	78,006	66,675	58,585	46,432	30,046	37,486	23,030	19,912	23,090	25,370
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	114	115	101	53	62	64
Oil and gas extraction	116,272	115,742	(D)	(D)	(D)	(D)	25,695	32,838	18,032	15,047	17,871	19,947
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	155	161	175
Nonmetallic minerals, except fuels	3,784	4,052	(D)	(D)	(D)	(D)	4,273	4,553	4,900	4,657	4,996	5,184
Construction	90,923	90,884	81,842	71,531	71,826	64,386	258,774	284,977	299,050	322,162	353,304	365,761
Manufacturing	125,416	131,337	124,192	119,310	127,139	131,090	2,103,868	2,161,666	2,242,167	2,219,915	2,300,042	2,422,916
Nondurable goods	46,171	45,994	44,984	48,248	49,805	50,114	1,072,320	1,077,902	1,111,363	1,124,242	1,156,958	1,215,619
Food and kindred products	26,995	26,650	24,943	28,499	30,405	30,063	62,522	68,319	67,231	74,481	81,062	78,656
Textile mill products	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	2,021	2,127	2,596	2,496	2,493	2,927	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	0	0	0	0	0	49,232	48,557	49,637	45,443	47,747	51,204
Printing and publishing	7,512	8,046	8,277	8,112	7,888	8,291	63,476*	71,343	78,793	87,270	101,708	108,182
Chemicals and allied products	260	244	(D)	(D)	(D)	(D)	83,706	76,471*	91,300	97,809	137,308	134,415
Petroleum and coal products	6,122	6,460	6,283	6,163	5,225	5,110	8,955*	9,868	12,843	13,693	21,260	14,879
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,929	2,317	2,531	2,688	3,506	(D)	791,425	785,435	800,240	794,650	755,350	813,802
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Durable goods	79,245	85,343	79,208	71,062	77,334	80,976	1,031,548	1,083,764	1,130,804	1,095,673	1,143,084	1,207,297
Lumber and wood products	835	962	1,282	877	350	882	4,363	3,922	3,518	3,760	7,754	5,986
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	7,777	7,421	7,718	11,380	13,598	17,539
Primary metal industries	0	0	0	0	0	0	24,840	25,266	24,380	29,174	38,164	45,907
Fabricated metal products	24,188	20,589	15,919	14,766	17,330	17,376	419,589	432,386	462,323	416,355	419,531	439,284
Machinery, except electrical	27,651	33,260	31,910	30,655	32,270	30,966	239,494	255,656	260,745	266,130	285,104	312,990
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	62,348	65,373	59,425	62,360	64,711	68,179
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,612	2,286	1,983	1,657	1,432	1,415	30,159	27,700	20,582	24,106	25,983	26,171
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	9,517*	9,361*	10,855*	15,450*	17,966*	17,488*
Miscellaneous manufacturing industries	6,703	4,854	3,262	1,270	1,454	1,491	20,991*	21,179	25,263	31,573*	36,368	39,846
Transportation and public utilities	71,521	73,836	70,055	78,733	86,053	92,547	426,515	417,051	437,016	446,777	461,565	478,888
Railroad transportation	923	684	705	692	1,014	1,412	15,789	14,215	13,457	11,481	13,298	14,447
Trucking and warehousing	23,598	21,448	19,255	17,343	18,947	21,059	213,209	203,345	215,461	219,383	237,772	246,418
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18,473	(D)	23,401
Communication	16,394	18,597	16,512	26,594	29,885	33,127	86,543	82,534	86,453	88,938	75,554	75,347
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	76,848	81,189	74,126	68,361	83,010	70,202	337,025	368,866	381,747	413,365	453,432	480,381
Retail trade	140,926	148,574	140,581	134,659	142,326	147,449	557,999	585,639	622,401	658,925	695,985	714,888
Finance, insurance, and real estate	57,622	58,731	57,423	65,209	58,148	53,011	180,183	200,542	223,733	293,012	280,651	274,219
Banking and credit agencies	29,424	30,266	28,691	28,676	26,533	21,574	71,091	74,377	81,048	86,084	90,431	91,091
Other finance, insurance, and real estate[9]	28,198	28,465	28,732	36,533	31,615	31,437	109,092	126,165	142,685	206,928	190,220	183,128
Services	272,619	300,594	315,152	320,964	340,796	364,763	1,033,924	1,124,874	1,222,869	1,377,068	1,550,960	1,701,516
Hotels and other lodging places	6,805	7,529	6,891	5,850	4,370	4,025	12,658	13,610	14,553	16,635	16,580	16,941
Personal services	14,128	17,090	17,436	16,838	18,031	20,250	55,558	64,936	70,469	75,952	89,515	98,256
Private households	5,548	5,650	5,721	5,728	6,041	6,355	12,409	12,406	12,331	12,321	12,990	13,594
Business services	50,519	55,561	57,177	54,334	58,983	67,119	174,045	195,313	212,146	246,581	296,009	333,140
Auto repair, services, and garages	16,759	18,972	17,816	16,803	17,100	17,181	45,420	50,555	56,319	59,129	61,761	66,546
Miscellaneous repair services	4,139	3,975	4,460	4,583	5,074	5,123	17,742	18,373	21,319	23,609	26,062	31,564
Amusement and recreation services	2,480	2,552	2,865	2,753	4,172	4,449	37,873	43,334	46,623	51,372	60,771	63,159
Motion pictures	492	522	670	609	683	704	(D)	(D)	(D)	(D)	(D)	(D)
Health services	95,534	108,603	117,763	125,553	136,325	145,331	418,449	443,749	465,618	534,698	589,139	649,367
Legal services	14,101	15,768	17,452	18,318	20,919	23,666	56,029	61,912	67,651	79,758	87,171	92,072
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,020	4,048	4,378	4,542	4,649	5,350	31,511	34,317	38,439	41,450	46,421	52,083
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	877	930	977	1,074	1,138	1,284
Membership organizations	7,519	8,153	8,268	8,823	9,457	9,880	54,577	56,922	57,929	62,498	67,246	69,089
Miscellaneous services	24,150	23,708	24,773	25,501	23,744	24,016	87,886	95,456	124,311	137,955	157,075	175,328
Government and government enterprises	245,699	259,828	285,334	296,319	305,685	315,519	728,902	778,539	844,712	901,551	959,774	1,000,646
Federal, civilian	28,763	31,062	30,600	31,604	32,886	34,191	59,737	63,468	64,426	68,584	74,025	77,971
Military	102,273	104,685	126,298	130,323	128,267	129,046	9,771	11,253	12,094	12,862	13,368	13,709
State and local	114,663	124,081	128,436	134,392	144,532	152,282	659,394	703,818	768,192	820,105	872,381	908,966

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Albany, GA (MSA)						Albany—Schenectady—Troy, NY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,185,325**	**1,248,367**	**1,302,486**	**1,352,809**	**1,455,491**	**1,538,496**	**11,089,137**	**11,781,937**	**12,633,089**	**13,592,927**	**14,839,661**	**16,061,599**
Nonfarm personal income	1,162,822	1,232,321	1,283,677	1,336,072	1,435,889	1,524,456	11,055,232	11,745,679	12,588,582	13,545,026	14,789,744	16,005,896
Farm income[1]	22,503	16,046	18,809	16,737	19,602	14,040	33,905	36,258	44,507	47,901	49,917	55,703
Population (thousands)[2]	117.3	117.6	117.7	117.1	116.3	115.3	836.9	839.1	842.7	843.2	850.8	854.2
Per capita personal income (dollars)	**10,109**	**10,617**	**11,068**	**11,550**	**12,513**	**13,348**	**13,250**	**14,041**	**14,992**	**16,121**	**17,441**	**18,802**
Derivation of total personal income:												
Total earnings by place of work	1,008,762	1,064,643	1,086,156	1,117,997	1,187,753	1,241,539	7,861,941	8,520,386	9,208,317	10,022,390	10,929,612	11,673,860
Less: Personal contributions for social insurance[3]	54,109	59,941	61,038	62,278	67,902	73,173	465,795	524,575	586,717	636,664	721,922	793,527
Plus: Adjustment for residence	−95,207	−106,394	−99,427	−101,935	−103,220	−109,575	−290,038	−339,091	−369,078	−384,886	−415,133	−454,960
Equals: Net earnings by place of residence	859,446	898,308	925,691	953,784	1,016,631	1,058,791	7,106,108	7,656,720	8,252,522	9,000,840	9,792,557	10,425,373
Plus: Dividends, interest, and rent[4]	134,002	141,511	150,355	157,952	175,451	199,790	1,938,301	1,990,816	2,110,841	2,201,218	2,499,431	2,860,811
Plus: Transfer payments	191,877	208,548	226,440	241,073	263,409	279,915	2,044,728	2,134,401	2,269,726	2,390,869	2,547,673	2,775,415
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	850,333	904,220	913,475	939,110	991,590	1,037,521	6,718,811	7,285,367	7,876,785	8,542,535	9,312,470	9,953,959
Other labor income	79,740	81,888	81,873	83,548	88,502	95,533	588,773	604,287	646,431	675,727	727,087	777,840
Proprietors' income[6]	78,689	78,535	90,808	95,339	107,661	108,485	554,357	630,732	685,101	804,128	890,055	942,061
Farm	17,864	11,473	14,311	11,992	14,844	9,214	22,310	24,859	33,305	36,216	38,305	44,019
Nonfarm	60,825	67,062	76,497	83,347	92,817	99,271	532,047	605,873	651,796	767,912	851,750	898,042
Earnings by industry:												
Farm	22,503	16,046	18,809	16,737	19,602	14,040	33,905	36,258	44,507	47,901	49,917	55,703
Nonfarm	986,259	1,048,597	1,067,347	1,101,260	1,168,151	1,227,499	7,828,036	8,484,128	9,163,810	9,974,489	10,879,695	11,618,157
Private	757,793	805,729	810,154	829,421	867,973	905,643	5,680,787	6,166,061	6,630,298	7,226,781	7,910,173	8,405,697
Agricultural services, forestry, fisheries, and other[7]	4,320	4,791	5,052	6,223	5,504	4,937	(D)	(D)	(D)	(D)	35,016	36,433
Agricultural services	(D)	(D)	2,504	3,481	3,663	(D)	(D)	(D)	(D)	(D)	34,102	35,567
Forestry, fisheries, and other[7]	(D)	(D)	2,548	2,742	1,841	(D)	1,073	1,061	924	842	914	866
Mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,301	33,082
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	56	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	779	1,177	428	325	609	589	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	−65	(L)	(L)	281	282	308
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	52,049	49,910	56,374	73,480	72,195	68,593	400,599	467,713	543,045	638,925	738,033	762,797
Manufacturing	295,166	317,400	284,399	252,330	254,961	260,870	1,464,795	1,498,715	1,528,358	1,517,561	1,559,653	1,633,180
Nondurable goods	243,159*	258,587*	220,511*	198,724*	200,422*	210,103*	608,565	636,068	674,508	710,435	758,272	772,289
Food and kindred products	75,990	78,468	74,622*	75,341*	78,794	81,402	93,296*	103,192*	110,795*	116,662*	120,383*	120,306*
Textile mill products	(D)	(D)	(D)	(D)	(D)	26,011	(D)	(D)	(D)	(D)	(D)	68,831*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	41,163	36,066	31,776*	29,646*	28,019*	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	96,042*	105,673*	112,022	119,478	123,548	130,149
Printing and publishing	7,178*	8,624*	8,964*	9,700*	8,629*	8,699*	91,635	99,950	116,170	133,747	153,402	155,915
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	16,845*	16,265*	16,709*	7,694*	8,154*	9,948*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	4,380*	(D)	(D)	(D)	(D)
Durable goods	46,862*	(D)	53,993*	45,006*	47,174*	46,125*	856,230	862,647	853,850	807,126	801,381	860,891
Lumber and wood products	1,264*	1,691*	2,132*	2,408*	2,235*	2,060*	(D)	(D)	(D)	20,974	23,074	21,203
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	4,731*	5,086	4,220	3,898	3,306	3,325*	(D)	41,760*	45,175	46,029*	59,273*	63,820
Machinery, except electrical	(D)	(D)	(D)	4,557	3,934	2,966	429,247*	455,705*	464,369*	311,964*	285,274*	369,293
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	2,442	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	2,602	3,118	3,217	3,162	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	0	0	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38,582*	24,739*	(D)
Transportation and public utilities	65,494	66,378	65,142	66,850	70,971	78,808	507,669	523,150	526,095	554,312	584,368	593,069
Railroad transportation	7,504	7,216	(D)	5,684	6,440	6,967	84,340*	85,321*	(D)	(D)	86,534	92,006
Trucking and warehousing	27,604	27,414	25,999*	28,447	32,561	38,903*	99,346*	100,545*	104,183*	(D)	131,439*	135,373*
Water transportation	(L)	(L)	(L)	(L)	0	(L)	(D)	(D)	4,782*	4,280*	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	2,708	2,785	2,937*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	21,496	21,601	20,110	20,133	19,527	19,676	184,568	183,910*	180,958*	188,896*	190,812*	178,752*
Electric, gas, and sanitary services	(D)	(D)	(D)	9,882	9,658	9,915	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	60,953*	63,292*	70,189*	73,390*	76,843*	79,103*	446,687	478,713	506,629	551,656	610,524	633,488
Retail trade	97,933	102,231	109,289	110,859	116,418	116,786	708,747	778,056	848,462	912,653	1,012,821	1,066,082
Finance, insurance, and real estate	37,126	40,660	42,592	48,878	48,483	51,798	357,851	400,254	475,876	595,203	641,108	659,553
Banking and credit agencies	17,257*	20,138*	22,905	25,191	26,324*	27,863*	108,757*	113,335*	132,313*	150,618*	169,182*	174,481*
Other finance, insurance, and real estate[9]	19,489*	20,144*	19,687	23,687	21,854*	23,612*	242,537*	280,031*	335,789*	434,049*	460,477*	473,240*
Services	141,224	157,373	172,687	191,173	216,656	238,485	1,753,303	1,968,242	2,160,041	2,405,979	2,699,349	2,988,013
Hotels and other lodging places	3,755	3,813	4,069	3,046*	3,257*	4,084	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	9,927	11,248	12,286	12,673	13,881	15,726	64,457	80,415	85,205	90,484	104,285	118,731
Private households	5,627	5,747	5,829	5,933	6,339	6,704	15,086	15,110	15,044	14,996	15,814	16,517
Business services	15,289	20,644	21,399	22,443	25,409	30,917	338,306	394,141	422,255	462,524	508,995	567,587
Auto repair, services, and garages	10,407	10,625	11,783	11,982	13,541	14,017	57,548	67,613	75,383	83,003	90,089	96,815
Miscellaneous repair services	2,541	2,166	2,249	2,391	3,124	3,236	29,821	29,829	30,966	33,885	40,105	44,447
Amusement and recreation services	1,446*	1,554*	(D)	2,067	2,213	2,387*	28,321	31,523	35,997	39,628	43,403	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	48,086	53,628	58,489	69,715	80,366	85,571	559,171	607,901	643,562	727,437	824,527	906,580
Legal services	10,961	11,676	12,712	15,079	17,108	18,379	115,651	131,453	148,093	162,254	184,008	205,418
Educational services	2,709	2,728	3,230	3,960	4,379	4,652	(D)	(D)	(D)	(D)	(D)	(D)
Social services	8,395	9,615*	9,902*	10,544*	10,773*	11,344*	74,384	89,067	111,917	130,896	149,643	172,875
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,179*	7,862	7,887	8,222	8,827	9,327	98,093	105,989	108,765	122,044	137,183	147,357
Miscellaneous services	13,884	15,657	20,552	22,731	27,004	31,672	150,500	173,435	215,124	247,144	283,406	325,941
Government and government enterprises	228,466	242,868	257,193	271,839	300,178	321,856	2,147,249	2,318,067	2,533,512	2,747,708	2,969,522	3,212,460
Federal, civilian	83,566	88,634	89,094	91,140	106,482	112,914	243,966	258,390	259,349	266,134	288,731	303,710
Military	25,820	26,490	27,735	28,225	29,338	30,203	62,794	64,521	70,405	78,308	77,960	74,059
State and local	119,080	127,744	140,364	152,474	164,358	178,739	1,840,489	1,995,156	2,203,758	2,403,266	2,602,831	2,834,691

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Albuquerque, NM (MSA)						Alexandria, LA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,598,679**	**6,168,037**	**6,540,378**	**7,001,334**	**7,413,064**	**7,928,533**	**1,372,423**	**1,467,358**	**1,530,274**	**1,575,642**	**1,662,588**	**1,767,823**
Nonfarm personal income	5,586,494	6,153,917	6,525,564	6,984,767	7,395,236	7,910,226	1,360,473	1,454,038	1,513,540	1,557,620	1,631,452	1,749,481
Farm income[1]	12,185	14,120	14,814	16,567	17,828	18,307	11,950	13,320	16,734	18,022	31,136	18,342
Population (thousands)[2]	455.1	465.1	474.7	487.3	493.1	501.6	139.3	139.2	140.0	139.6	137.8	137.4
Per capita personal income (dollars)	**12,303**	**13,261**	**13,778**	**14,369**	**15,035**	**15,806**	**9,855**	**10,545**	**10,928**	**11,288**	**12,061**	**12,865**
Derivation of total personal income:												
Total earnings by place of work	4,468,105	4,895,238	5,213,539	5,587,554	5,921,797	6,220,828	936,561	979,332	1,016,736	1,050,708	1,112,403	1,181,265
Less: Personal contributions for social insurance[3]	271,823	309,449	346,815	371,245	408,729	441,032	51,565	56,274	61,575	64,900	70,493	78,744
Plus: Adjustment for residence	−280,059	−304,087	−337,804	−353,221	−395,448	−425,480	−9,130	−13,738	−15,358	−14,803	−19,554	−30,863
Equals: Net earnings by place of residence	3,916,223	4,281,702	4,528,920	4,863,088	5,117,620	5,354,316	875,866	909,320	939,803	971,005	1,022,356	1,071,658
Plus: Dividends, interest, and rent[5]	890,786	1,023,451	1,090,907	1,139,533	1,206,871	1,396,345	202,521	227,062	236,164	237,256	247,775	281,373
Plus: Transfer payments	791,670	862,884	920,551	998,713	1,088,573	1,177,872	294,036	330,976	354,307	367,381	392,457	414,792
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,815,669	4,183,652	4,449,948	4,738,140	5,008,235	5,249,936	752,216	779,722	799,911	823,172	854,467	914,527
Other labor income	353,762	378,007	399,557	411,628	445,718	474,382	65,961	66,716	69,963	71,320	75,234	83,208
Proprietors' income[6]	298,674	333,579	364,034	437,786	467,844	496,510	118,384	132,894	146,862	156,216	182,702	183,530
Farm	9,930	11,891	12,605	14,229	15,481	15,919	8,648	10,070	13,524	14,645	27,746	14,908
Nonfarm	288,744	321,688	351,429	423,557	452,363	480,591	109,736	122,824	133,338	141,571	154,956	168,622
Earnings by industry:												
Farm	12,185	14,120	14,814	16,567	17,828	18,307	11,950	13,320	16,734	18,022	31,136	18,342
Nonfarm	4,455,920	4,881,118	5,198,725	5,570,987	5,903,969	6,202,521	924,611	966,012	1,000,002	1,032,686	1,081,267	1,162,923
Private	3,493,580	3,856,712	4,118,456	4,417,546	4,691,264	4,885,076	643,907	674,268	707,858	732,028	764,192	824,121
Agricultural services, forestry, fisheries, and other[7]	13,327	13,860	15,313	18,922	20,646	21,064	4,979	4,509	3,900	5,096	5,018	4,987
Agricultural services	13,170	13,640	15,005	18,722	20,425	20,847	3,595	3,500	3,421	4,371	4,503	4,460
Forestry, fisheries, and other[7]	157	220	308	200	221	217	1,384	1,009	479	725	515	527
Mining	20,721	23,361	14,305	13,193	13,897	14,019	11,493	11,830	9,171	8,454	7,715	7,004
Coal mining	103	101	108	72	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	14,658	17,836	10,565	10,356	10,669	11,293	8,774	8,650	5,921	(D)	5,359	(D)
Metal mining	4,656	(D)	1,747	803	437	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	1,304	(D)	1,885	1,962	2,782	(D)	2,708	3,168	3,237	(D)	2,347	(D)
Construction	365,721	422,960	420,338	414,626	414,274	396,893	73,037	75,048	72,252	65,632	67,804	82,592
Manufacturing	410,216	455,241	488,990	514,257	548,276	585,409	79,727	81,493	85,921	87,163	92,053	101,686
Nondurable goods	96,220	101,901	109,161	111,076	118,309	126,218	32,947	34,158	38,342	40,288	42,898	47,109
Food and kindred products	33,168	33,039	34,839	32,086	33,814	34,706	8,482	8,208	9,206	10,560	11,052	12,554
Textile mill products	205	293	324	245	197	380	(D)	(D)	(D)	(D)	(D)	0
Apparel and other textile products	10,577	10,208	11,211	11,601	12,218	13,957	(D)	(D)	(D)	0	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	2,913	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	37,561	41,838	43,392	45,565	48,387	48,844	(D)	6,331	6,587	7,135	7,310	7,607
Chemicals and allied products	5,355	5,856	7,023	7,773	7,766	8,870	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,111	2,142	2,497	3,328	3,910	4,287	0	0	0	0	0	0
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	1,544	2,643	3,570	3,885	5,172	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	313,996	353,340	379,829	403,181	429,967	459,191	46,780	47,335	47,579	46,875	49,155	54,577
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	11,665	10,919	8,380	8,022	8,849	8,597
Furniture and fixtures	3,581	4,018	3,533	4,921	5,273	6,414	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	2,268	1,763	2,058	2,121	2,299	2,260	(D)	(D)	0	0	0	0
Fabricated metal products	13,903	16,674	15,677	16,319	15,185	14,600	(D)	(D)	23,693	22,754	(D)	(D)
Machinery, except electrical	40,900	40,868	39,494	40,723	55,765	62,474	886	1,075	1,097	1,133	1,282	1,131
Electric and electronic equipment	117,233	134,586	79,328	80,128	89,266	94,378	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,626	2,133	1,945	3,520	4,689	4,787	(D)	(D)	(D)	0	(D)	(D)
Stone, clay, and glass products	28,695	33,072	31,705	30,443	31,064	30,924	7,592	7,726	6,939	5,812	5,286	5,195
Instruments and related products	19,420	22,839	96,324	107,922	105,733	121,705	(D)	(D)	0	0	0	0
Miscellaneous manufacturing industries	11,127	11,078	13,668	15,983	19,947	23,501	1,384	1,587	1,864	2,162	2,430	5,440
Transportation and public utilities	362,313	372,193	380,648	401,961	430,956	431,382	68,417	71,062	74,900	73,758	75,519	83,795
Railroad transportation	21,316	13,358	14,153	14,752	19,090	24,892	11,396	13,642	11,377	9,306	9,784	10,731
Trucking and warehousing	91,600	95,072	100,989	106,991	121,757	131,634	14,288	15,566	17,303	17,590	16,926	18,359
Water transportation	0	0	0	0	0	0	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,430	3,659	4,140	4,685	3,971	4,213
Communication	121,204	127,572	122,306	134,474	134,855	139,624	18,463	17,065	14,855	14,442	15,888	17,698
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	20,840	21,130	27,225	27,735	28,950	32,794
Wholesale trade	319,133	350,354	353,120	373,443	394,728	400,138	41,909	43,250	41,634	41,537	40,047	40,875
Retail trade	490,185	526,342	552,424	587,923	619,782	637,241	106,834	106,637	108,307	110,105	116,979	118,329
Finance, insurance, and real estate	260,742	297,537	334,830	382,401	371,859	362,474	43,997	46,068	49,355	55,631	55,855	54,169
Banking and credit agencies	100,532	116,650	129,495	135,073	139,465	136,251	24,024	25,734	25,295	26,134	29,112	29,194
Other finance, insurance, and real estate[9]	160,210	180,887	205,335	247,328	232,394	226,223	19,973	20,334	24,060	29,497	26,743	24,975
Services	1,251,222	1,394,864	1,558,488	1,710,820	1,876,846	2,036,456	213,514	234,371	262,418	284,652	303,202	330,684
Hotels and other lodging places	32,554	36,477	40,383	43,953	43,355	43,854	4,122	5,086	6,402	5,231	4,710	4,639
Personal services	43,355	52,256	56,718	58,934	64,429	72,399	11,346	14,045	15,188	14,671	16,402	18,360
Private households	(D)	(D)	(D)	(D)	(D)	(D)	8,756	8,796	8,761	8,619	8,981	9,311
Business services	480,828	537,428	603,646	649,914	729,103	788,521	22,606	27,209	31,138	32,122	31,799	34,512
Auto repair, services, and garages	52,265	59,785	62,815	66,964	68,528	73,118	11,000	12,257	12,004	11,109	10,671	11,435
Miscellaneous repair services	16,623	16,857	18,241	19,243	21,599	22,010	4,997	4,212	4,841	5,038	5,482	5,716
Amusement and recreation services	13,403	16,058	18,579	22,315	24,991	25,085	(D)	(D)	(D)	1,517	1,784	1,878
Motion pictures	3,530	3,969	3,308	3,836	3,915	3,984	(D)	(D)	(D)	(D)	(D)	(D)
Health services	304,483	335,410	370,674	419,138	459,843	494,095	95,882	102,754	116,458	135,296	145,885	160,326
Legal services	79,360	91,747	102,911	119,092	132,985	143,583	15,886	18,185	22,954	26,353	27,753	30,627
Educational services	20,340	21,253	20,513	22,115	24,417	28,389	6,866	7,748	8,426	8,524	9,978	9,996
Social services	24,222	27,237	28,677	31,074	34,620	38,095	7,003	7,941	8,864	9,290	10,102	11,246
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Membership organizations	38,689	38,574	42,437	47,187	52,915	56,309	7,913	7,895	8,256	8,915	10,129	10,611
Miscellaneous services	125,037	140,821	172,343	189,697	197,589	227,483	15,921	16,862	17,439	17,468	19,030	21,592
Government and government enterprises	962,340	1,024,406	1,080,269	1,153,441	1,212,705	1,317,445	280,704	291,744	292,144	300,658	317,075	338,802
Federal, civilian	312,109	334,530	344,470	362,778	394,277	442,193	60,963	64,163	63,873	69,592	77,563	86,481
Military	134,623	140,884	144,708	152,246	154,026	159,582	60,055	62,941	64,378	66,882	69,178	72,855
State and local	515,608	548,992	591,091	638,417	664,402	715,670	159,686	164,640	163,893	164,184	170,334	179,466

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Allentown—Bethlehem—Easton, PA—NJ (MSA)						Altoona, PA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,781,982**	**9,384,398**	**9,963,842**	**10,781,989**	**11,653,039**	**12,536,912**	**1,344,809**	**1,447,614**	**1,529,022**	**1,593,009**	**1,687,801**	**1,810,296**
Nonfarm personal income	8,737,032	9,346,064	9,923,812	10,739,478	11,614,261	12,492,125	1,337,181	1,442,049	1,522,597	1,586,572	1,678,604	1,798,710
Farm income[1]	44,950	38,334	40,030	42,511	38,778	44,787	7,628	5,565	6,425	6,437	9,197	11,586
Population (thousands)[2]	646.8	650.7	657.8	667.4	677.1	685.3	133.5	132.9	132.4	132.7	132.5	132.3
Per capita personal income (dollars)	**13,578**	**14,422**	**15,147**	**16,155**	**17,210**	**18,294**	**10,070**	**10,889**	**11,546**	**12,002**	**12,736**	**13,685**
Derivation of total personal income:												
Total earnings by place of work	5,842,308	6,139,242	6,366,966	6,965,201	7,565,614	8,051,259	924,754	999,915	1,065,753	1,121,858	1,182,934	1,254,181
Less: Personal contributions for social insurance[3]	371,575	410,882	434,719	474,326	537,961	594,294	60,605	68,872	75,168	78,819	86,904	95,428
Plus: Adjustment for residence	493,110	577,895	736,034	870,026	941,433	967,663	−45,913	−54,337	−60,402	−58,977	−60,793	−63,711
Equals: Net earnings by place of residence	5,963,843	6,306,255	6,668,281	7,360,901	7,969,086	8,424,628	818,236	876,706	930,183	984,062	1,035,237	1,095,042
Plus: Dividends, interest, and rent[4]	1,490,462	1,655,927	1,746,692	1,828,262	2,025,428	2,331,296	193,845	211,329	225,509	228,635	252,196	290,487
Plus: Transfer payments	1,327,677	1,422,216	1,548,869	1,592,826	1,658,525	1,780,988	332,728	359,579	373,330	380,312	400,368	424,767
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,694,624	4,947,624	5,110,808	5,558,940	6,046,446	6,431,941	744,849	808,370	858,816	901,862	943,355	997,193
Other labor income	567,206	563,798	574,357	609,242	651,494	698,327	74,450	79,294	84,905	87,795	91,295	97,139
Proprietors' income[6]	580,478	627,820	681,801	797,019	867,674	920,991	105,455	112,251	122,032	132,201	148,284	159,849
Farm	34,809	28,236	30,055	32,036	28,265	34,120	5,385	3,307	4,166	4,028	6,750	9,070
Nonfarm	545,669	599,584	651,746	764,983	839,409	886,871	100,070	108,944	117,866	128,173	141,534	150,779
Earnings by industry:												
Farm	44,950	38,334	40,030	42,511	38,778	44,787	7,628	5,565	6,425	6,437	9,197	11,586
Nonfarm	5,797,358	6,100,908	6,326,936	6,922,690	7,526,836	8,006,472	917,126	994,350	1,059,328	1,115,421	1,173,737	1,242,595
Private	5,285,970	5,548,186	5,725,401	6,278,820	6,829,322	7,256,664	791,197	862,723	921,534	969,252	1,020,161	1,077,324
Agricultural services, forestry, fisheries, and other[7]	15,571	17,900	19,723	28,522	31,490	33,588	2,750	2,434	2,140	3,835	3,848	4,034
Agricultural services	15,054	17,226	19,000	27,938	30,693	32,753	2,259	2,186	2,140	3,786	3,870	4,079
Forestry, fisheries, and other[7]	517	674	723	584	797	835	491	248	0	(L)	(L)	(L)
Mining	23,887	32,634	23,144	26,198	32,121	32,634	4,179	4,288	2,184	1,911	1,848	1,615
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,695	901	479	(D)	216
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,412	2,128	703	771	1,181	1,268
Metal mining	(D)	(D)	(D)	0	0	0	0	(D)	(D)	(D)	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	131
Construction	312,796	354,802	421,982	544,300	601,144	615,532	48,343	65,945	71,102	75,243	76,544	77,489
Manufacturing	2,432,329	2,444,141	2,304,230	2,339,037	2,442,073	2,502,091	219,713	229,709	241,631	253,883	260,488	258,362
Nondurable goods	966,433	988,782	1,016,122	1,037,316	1,131,435	1,156,579	111,549	115,924	126,939	138,890	140,610	140,526
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	14,908	16,377	17,868	17,895	17,991	16,774
Textile mill products	52,744*	(D)	43,631*	47,113*	52,486*	58,893*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	219,600	209,774	194,945	191,581	195,827	189,779	15,658	13,175	12,903	11,817	13,701	12,958
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	36,835	37,529	42,450	50,109	46,712	57,340
Printing and publishing	111,828*	122,864*	131,302*	144,803*	156,516*	171,884*	19,630	22,747	27,179	29,943	33,015	25,477
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,302	3,217	3,529	(D)	(D)	(D)
Petroleum and coal products	1,645	1,633*	1,909*	2,441*	2,567*	2,824*	815	614	731	930	1,278	1,422
Tobacco manufactures	2,672*	2,781*	4,087	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	59,617*	64,036*	68,349*	72,276*	73,145*	86,674*	(D)	(D)	(D)	(D)	(D)	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,465,896	1,455,359	1,288,108	1,301,721	1,310,638	1,345,512	108,164	113,785	114,692	114,993	119,878	117,836
Lumber and wood products	8,370	9,299	10,316	13,254	12,389	15,631	5,641	6,196	6,664	7,318	7,688	7,406
Furniture and fixtures	19,134*	24,469*	26,035*	28,796*	29,975*	28,909*	(D)	(D)	217	207	215	255
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	10,328	9,830	(D)	(D)	(D)	(D)
Fabricated metal products	82,801*	84,889*	87,528*	88,741*	92,107*	90,877*	12,173	11,817	11,949	11,787	12,688	(D)
Machinery, except electrical	(D)	(D)	(D)	175,745*	185,579*	207,876	27,432	27,039	27,615	28,840	30,482	34,278
Electric and electronic equipment	300,757*	327,644*	(D)	255,776*	253,199*	240,027*	16,539	18,305	16,953	13,643	12,361	5,896
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,891	(D)	(D)	(D)	(D)
Stone, clay, and glass products	70,101	73,008	74,416	77,335	85,989	83,359	25,261	29,838	(D)	(D)	28,419	30,593
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	72,211	63,708	68,706	75,403*	84,603	88,892*	1,371	1,330	1,599	2,165	2,198	2,553
Transportation and public utilities	445,453	473,261	502,685	512,953	547,070	582,413	148,087	165,404	172,728	159,560	159,393	162,515
Railroad transportation	15,064	17,963	19,286	20,906	21,003	21,016	72,981	78,662	81,158	83,144	84,602	84,890
Trucking and warehousing	122,643	127,295	133,329	139,921	144,444	152,333	30,096	31,127	32,792	34,899	31,977	33,991
Water transportation	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	9,125	7,722	9,019	9,641	9,813	11,518
Communication	110,732	109,795	115,954	123,309	136,466	158,711	21,807	32,693	35,090	18,936	18,973	18,064
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	14,078	15,200	14,669	12,940	14,028	14,052
Wholesale trade	252,071	266,000	282,432	314,990	344,415	382,193	53,399	56,569	61,082	59,641	68,361	78,720
Retail trade	543,003	568,483	634,082	684,730	771,026	813,501	105,149	112,841	119,845	130,067	142,764	158,670
Finance, insurance, and real estate	194,965	200,882	225,570	319,554	350,445	373,632	28,114	27,517	30,366	39,266	40,068	42,080
Banking and credit agencies	(D)	98,883	88,032*	98,654*	114,570*	(D)	14,487	15,369	15,970	17,058	18,376	18,744
Other finance, insurance, and real estate[9]	(D)	101,999	130,355*	208,768*	224,504*	(D)	13,627	12,148	14,396	22,208	21,692	23,336
Services	1,065,895	1,190,083	1,311,553	1,508,536	1,709,538	1,921,080	181,463	198,016	220,456	245,846	266,847	293,839
Hotels and other lodging places	20,653*	24,768*	25,596*	24,020*	27,456*	27,038*	3,552	3,563	3,986	4,055	4,301	4,229
Personal services	62,727	78,073	86,137	95,545	109,114	123,080	9,203	11,582	12,611	13,499	15,565	17,849
Private households	8,776	8,768	8,743	8,737	9,231	9,660	2,321	2,315	2,307	2,305	2,433	2,547
Business services	161,693	186,768	205,339	243,154	281,652	320,384	14,936	19,586	23,425	25,620	28,224	29,797
Auto repair, services, and garages	54,946	65,730	71,273	74,254	79,714	90,191	10,560	12,576	13,010	12,987	13,469	14,133
Miscellaneous repair services	20,124	19,947	22,268	23,544	27,666	34,985	3,788	3,833	4,242	6,664	7,645	8,055
Amusement and recreation services	25,248	30,009	26,866	33,906	40,878	44,710	2,145	2,550	3,388	3,928	4,120	3,954
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	513	475	435	537	544	559
Health services	439,394	480,003	528,770	618,704	694,247	780,565	94,090	98,395	107,362	124,353	132,406	147,806
Legal services	44,140	48,398	54,583	60,202	70,318	78,976	6,564	6,896	7,959	7,984	9,212	10,275
Educational services	96,030	103,717	113,833	124,069	133,838	145,347	6,244	6,732	6,976	7,312	7,730	8,297
Social services	27,263	33,127	37,549	43,821	49,291	58,032	7,072	7,595	8,787	8,651	9,473	10,112
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	46,846	47,606	51,710	56,619	64,352	69,506	7,600	7,727	8,088	8,900	9,901	10,533
Miscellaneous services	54,773	59,311	74,081	96,357	114,869	130,340	12,875	14,191	17,880	19,051	21,824	25,693
Government and government enterprises	511,388	552,722	601,535	643,870	697,514	749,808	125,929	131,627	137,794	146,169	153,576	165,271
Federal, civilian	56,533	61,489	63,334	68,905	76,008	80,357	22,365	23,897	25,020	27,016	29,623	32,155
Military	16,614	18,326	19,835	20,477	21,305	22,071	3,291	3,705	3,970	3,958	4,081	4,151
State and local	438,241	472,907	518,366	554,488	600,201	647,380	100,273	104,025	108,804	115,195	119,872	128,965

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Amarillo, TX (MSA)						Anaheim—Santa Ana, CA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,497,787**	**2,652,946**	**2,667,112**	**2,783,085**	**2,887,117**	**3,036,168**	**36,655,670**	**40,169,595**	**43,395,937**	**47,434,460**	**51,436,367**	**55,999,537**
Nonfarm personal income	2,454,070	2,601,670	2,602,891	2,730,494	2,817,017	2,973,135	36,545,599	40,048,876	43,274,248	47,327,997	51,329,811	55,910,605
Farm income[1]	43,717	51,276	64,221	52,591	70,100	63,033	110,071	120,719	121,689	106,463	106,556	88,932
Population (thousands)[2]	191.9	193.8	196.4	197.4	196.3	197.2	2,087.7	2,127.0	2,173.5	2,216.0	2,257.0	2,305.7
Per capita personal income (dollars)	**13,014**	**13,691**	**13,577**	**14,100**	**14,707**	**15,396**	**17,558**	**18,886**	**19,966**	**21,406**	**22,790**	**24,288**
Derivation of total personal income:												
Total earnings by place of work	1,883,337	1,976,090	1,952,752	2,046,884	2,042,419	2,081,307	24,537,902	27,174,425	29,826,364	33,160,426	36,985,063	39,991,552
Less: Personal contributions for social insurance[3]	99,423	110,134	109,905	116,446	118,138	125,548	1,399,447	1,629,259	1,813,509	1,995,712	2,308,271	2,583,733
Plus: Adjustment for residence	44,961	51,255	57,799	55,992	97,694	95,011	3,998,780	4,288,936	4,459,449	4,839,550	4,195,752	4,357,766
Equals: Net earnings by place of residence	1,828,875	1,917,211	1,900,646	1,986,430	2,021,975	2,050,770	27,137,235	29,834,102	32,472,304	36,004,264	38,872,544	41,765,585
Plus: Dividends, interest, and rent[5]	404,943	442,744	445,969	451,532	491,354	564,849	6,087,177	6,587,596	6,931,993	7,221,670	8,040,877	9,338,625
Plus: Transfer payments	263,969	292,991	320,497	345,123	373,788	420,549	3,431,258	3,747,897	3,991,640	4,208,526	4,522,946	4,895,327
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,460,322	1,515,270	1,482,527	1,550,679	1,502,226	1,519,380	19,828,070	22,017,399	24,072,998	26,668,824	29,776,032	32,246,662
Other labor income	145,274	141,500	143,344	147,811	145,305	149,422	2,032,863	2,153,320	2,383,943	2,607,812	2,896,261	3,151,371
Proprietors' income[6]	277,741	319,320	326,881	348,394	394,888	412,505	2,676,969	3,003,706	3,369,423	3,883,790	4,312,770	4,593,519
Farm	39,877	47,453	60,431	48,594	66,097	58,968	64,442	67,062	68,160	50,766	51,046	33,223
Nonfarm	237,864	271,867	266,450	299,800	328,791	353,537	2,612,527	2,936,644	3,301,263	3,833,024	4,261,724	4,560,296
Earnings by industry:												
Farm	43,717	51,276	64,221	52,591	70,100	63,033	110,071	120,719	121,689	106,463	106,556	88,932
Nonfarm	1,839,620	1,924,814	1,888,531	1,994,293	1,972,319	2,018,274	24,427,831	27,053,706	29,704,675	33,053,963	36,878,507	39,902,620
Private	1,580,645	1,646,294	1,602,777	1,694,030	1,666,631	1,699,524	21,934,384	24,342,259	26,786,025	29,922,593	33,532,061	36,286,568
Agricultural services, forestry, fisheries, and other[7]	9,731	9,641	9,334	10,936	11,103	11,030	170,191	181,756	198,861	253,753	292,253	326,568
Agricultural services	9,681	9,514	9,158	10,818	10,961	10,886	166,751	176,862	190,223	248,675	285,666	319,312
Forestry, fisheries, and other[7]	50	127	176	118	142	144	3,440	4,894	8,638	5,078	6,587	7,256
Mining	99,019	101,110	93,029	146,499	57,382	65,652	195,810	182,266	96,646	90,288	96,216	94,088
Coal mining	0	0	0	0	0	0	409	477	458	(D)	173	183
Oil and gas extraction	98,529	101,100	92,991	146,486	57,365	(D)	186,531	169,229	85,234	71,702	75,132	73,936
Metal mining	(D)	0	0	0	0	0	166	632	931	(D)	637	659
Nonmetallic minerals, except fuels	(D)	(L)	(L)	(L)	(L)	(D)	8,704	11,928	10,023	17,650	20,274	19,310
Construction	159,706	160,094	147,009	139,985	143,158	144,975	1,718,974	1,947,092	2,261,843	2,586,761	2,888,758	3,171,076
Manufacturing	234,621	231,220	228,262	237,022	233,057	217,532	6,370,813	6,991,442	7,368,152	7,941,960	8,709,563	9,089,677
Nondurable goods	122,540	116,300	111,112	118,339	115,707	117,715	1,441,273	1,489,326	1,607,752	1,791,088	2,015,445	2,124,050
Food and kindred products	78,434	78,187	80,405	86,713	82,559	(D)	244,426	258,165	289,190	289,308	307,339	322,603
Textile mill products	0	0	0	0	0	0	55,689	53,102	61,903	72,529	78,112	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	53,438	55,988	66,939	77,660	87,183	101,257
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	112,536	128,068	132,580	148,282	145,854	150,754
Printing and publishing	13,565	14,689	15,051	15,199	16,396	17,900	308,678	321,596	386,507	435,696	506,933	541,822
Chemicals and allied products	2,446	2,485*	2,377*	2,417*	2,740*	4,400*	256,226	253,281	219,094	251,687	343,251	351,720
Petroleum and coal products	7,299	3,549	2,320	2,439	2,273	2,203	103,701	104,377	109,700	118,556	125,819	118,902
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	302,939	311,524	338,623	393,131	415,921	440,720
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	3,640	3,225	3,216	4,239	5,033	(D)
Durable goods	112,081	114,920	117,150	118,683	117,350	99,817	4,929,540	5,502,116	5,760,400	6,150,872	6,694,118	6,965,627
Lumber and wood products	(D)	13,087	11,197	10,957	(D)	11,196	62,023	65,802	81,006	109,248	138,151	146,011
Furniture and fixtures	1,383*	1,386	1,158	1,235	1,328	1,302*	162,562	162,659	162,681	189,022	200,036	220,910
Primary metal industries	32,233	(D)	(D)	(D)	(D)	(D)	71,760	62,917	64,833	71,100	74,705	107,949
Fabricated metal products	3,116	3,400	2,728	2,627	2,817	(D)	533,305	635,223	658,197	684,691	769,730	798,475
Machinery, except electrical	(D)	(D)	11,551	10,522	10,758	12,998	924,011	990,151	960,787	965,768	1,026,985	1,047,895
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,016,751	2,246,796	2,221,021	2,250,560	1,907,343	1,923,317
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	480,066	640,581	838,999	978,197	1,100,383	1,202,795
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	67,663	66,821	74,078	91,156	98,876	65,467
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	88,817	88,905	97,443	115,610	130,108	152,764
Instruments and related products	411*	442	424	434	592*	(D)	439,071	455,318	512,005	577,304	1,101,518	1,157,196
Miscellaneous manufacturing industries	1,368	1,396	1,415	1,576	1,455	1,067*	83,511	86,943	89,350	118,216	146,283	142,848
Transportation and public utilities	213,952	224,415	209,655	208,833	220,433	227,047	996,731	1,106,456	1,148,474	1,233,837	1,289,226	1,341,493
Railroad transportation	62,106	62,220	56,677	52,404	51,685	51,345	11,042	9,988	9,005	8,262	7,209	6,041
Trucking and warehousing	41,692	41,106	40,852	42,139	47,713	47,863	288,671	306,417	330,722	352,378	384,703	397,927
Water transportation	0	0	0	0	0	0	5,397	6,393	6,412	6,457	8,897	10,877
Other transportation[8]	12,117	11,614	12,237	12,965	12,070	(D)	173,836	187,937	231,306	234,724	209,267	245,988
Communication	30,197	40,960	32,633	48,030	54,278	56,683	392,572	455,195	415,947	455,505	481,684	489,498
Electric, gas, and sanitary services	67,840	68,515	67,256	53,295	54,687	(D)	125,213	140,526	155,082	176,511	197,466	191,162
Wholesale trade	159,008	159,627	145,690	134,893	141,919	148,758	1,525,912	1,762,846	1,971,731	2,130,216	2,535,613	2,913,247
Retail trade	229,213	232,661	230,574	232,437	242,081	244,480	2,834,650	3,081,681	3,257,980	3,520,753	3,925,661	4,219,819
Finance, insurance, and real estate	93,085	99,821	101,274	114,809	113,742	107,151	1,832,868	2,152,243	2,647,168	3,240,450	3,563,983	3,820,743
Banking and credit agencies	41,104	44,180	(D)	(D)	(D)	(D)	635,706	687,639	849,343	969,852	987,116	1,038,976
Other finance, insurance, and real estate[9]	51,981	55,641	(D)	(D)	(D)	(D)	1,197,162	1,464,604	1,797,825	2,270,598	2,576,867	2,781,767
Services	382,310	427,705	437,950	468,616	503,756	532,899	6,288,435	6,936,477	7,835,170	8,924,575	10,230,788	11,309,857
Hotels and other lodging places	10,456	11,103	10,072	11,008*	10,499*	(D)	182,990	232,828	232,961	278,691	336,533	372,712
Personal services	22,506	28,443	31,387	32,391	37,607	42,697	227,154	277,523	307,248	352,824	415,138	478,945
Private households	15,202	15,489	15,673	15,675	16,569	17,441	61,795	63,150	64,259	65,433	70,566	75,522
Business services	72,669	90,355	86,192	87,187	94,063	90,724	1,915,038	2,019,044	2,286,807	2,608,197	3,046,215	3,305,641
Auto repair, services, and garages	28,474	30,591	29,433	29,469	29,710	31,198	283,808	320,086	343,567	351,480	388,037	422,591
Miscellaneous repair services	6,342	6,222	6,321	7,613	8,263	9,270	122,383	123,360	152,032	159,189	188,353	202,340
Amusement and recreation services	6,469	6,763	7,059	7,595	8,055	8,419	246,374	283,443	378,415	434,701	487,942	524,678
Motion pictures	1,175*	(D)	(D)	(D)	(D)	(D)	28,906	32,789	39,173	45,074	57,887	66,704
Health services	132,808	143,453	146,724	165,886	179,049	194,541	1,622,668	1,774,516	1,965,941	2,285,720	2,575,235	2,799,410
Legal services	34,000	39,103	43,428	46,926	50,712	57,372	322,267	375,043	438,896	514,258	633,114	734,083
Educational services	(D)	(D)	(D)	4,160	5,214	4,831	103,826	115,632	122,368	137,571	155,919	175,101
Social services	8,561	9,616	10,440	11,305	11,900	13,219	72,040	82,261	109,611	142,104	155,720	184,979
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	1,142	1,133	1,390	1,936	2,788	3,240
Membership organizations	13,618	14,480	15,107	16,052	17,583	18,559	186,724	199,886	211,788	232,154	262,293	282,493
Miscellaneous services	26,909	27,714	31,789	31,064	32,404	34,514	911,320	1,035,783	1,180,714	1,315,243	1,455,048	1,681,418
Government and government enterprises	258,975	278,520	285,754	300,263	305,688	318,750	2,493,447	2,711,447	2,918,650	3,131,370	3,346,446	3,616,052
Federal, civilian	56,034	61,367	61,817	64,032	60,328	62,948	352,534	381,316	396,933	433,300	478,438	499,325
Military	4,343	4,769	5,225	5,658	5,739	5,948	273,319	288,544	273,608	277,391	268,579	285,276
State and local	198,598	212,384	218,712	230,573	239,621	249,854	1,867,594	2,041,587	2,248,109	2,420,679	2,599,429	2,831,451

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Anchorage, AK (MSA)						Anderson, IN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,623,085**	**4,872,610**	**4,824,644**	**4,604,853**	**4,741,243**	**5,312,714**	**1,594,404**	**1,665,775**	**1,722,961**	**1,740,545**	**1,894,700**	**2,047,804**
Nonfarm personal income	4,623,085	4,872,610	4,824,644	4,604,853	4,741,243	5,312,714	1,575,065	1,649,514	1,707,827	1,723,962	1,886,535	2,033,746
Farm income[1]	0	0	0	0	0	0	19,339	16,261	15,134	16,583	8,165	14,058
Population (thousands)[2]	227.5	232.3	226.5	221.3	218.5	214.5	133.9	133.5	132.9	132.1	131.8	131.6
Per capita personal income (dollars)	**20,319**	**20,974**	**21,299**	**20,810**	**21,699**	**24,773**	**11,908**	**12,480**	**12,966**	**13,173**	**14,372**	**15,558**
Derivation of total personal income:												
Total earnings by place of work	4,114,337	4,299,987	4,260,293	3,990,339	4,040,089	4,404,690	1,184,942	1,251,729	1,281,930	1,268,171	1,395,508	1,498,982
Less: Personal contributions for social insurance[3]	251,266	271,907	307,810	301,301	317,991	354,897	68,096	76,384	78,913	76,010	87,814	97,861
Plus: Adjustment for residence	−34,210	−119,921	−140,770	−137,741	−128,721	−61,445	−13,677	−13,559	−11,583	3,405	−2,882	−2,292
Equals: Net earnings by place of residence	3,828,861	3,908,159	3,811,713	3,551,297	3,593,377	3,988,348	1,103,169	1,161,786	1,191,434	1,195,566	1,304,812	1,398,829
Plus: Dividends, interest, and rent[5]	423,062	471,013	489,053	492,261	536,145	665,037	244,174	252,363	257,659	257,604	273,608	313,576
Plus: Transfer payments	371,162	493,438	523,878	561,295	611,721	659,329	247,061	251,626	273,868	287,375	316,280	335,399
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,362,155	3,506,794	3,430,103	3,195,928	3,213,986	3,484,642	995,991	1,057,895	1,080,794	1,063,835	1,178,968	1,260,225
Other labor income	289,248	297,415	294,668	283,087	278,215	308,110	102,431	101,932	103,234	97,404	107,926	116,444
Proprietors' income[6]	462,934	495,778	535,522	511,324	547,888	611,938	86,520	91,902	97,902	106,932	108,614	122,313
Farm	0	0	0	0	0	0	16,293	13,436	12,513	14,046	5,821	11,938
Nonfarm	462,934	495,778	535,522	511,324	547,888	611,938	70,227	78,466	85,389	92,886	102,793	110,375
Earnings by industry:												
Farm	0	0	0	0	0	0	19,339	16,261	15,134	16,583	8,165	14,058
Nonfarm	4,114,337	4,299,987	4,260,293	3,990,339	4,040,089	4,404,690	1,165,603	1,235,468	1,266,796	1,251,588	1,387,343	1,484,924
Private	3,079,305	3,196,638	3,116,680	2,840,552	2,872,362	3,189,149	1,066,316	1,128,455	1,151,970	1,131,085	1,253,678	1,342,059
Agricultural services, forestry, fisheries, and other[7]	9,447	15,581	30,404	31,998	36,572	38,767	4,315	4,314	4,601	5,928	6,114	6,460
Agricultural services	7,676	7,294	6,827	7,211	(D)	(D)	4,305	4,300	4,585	5,917	6,103	6,449
Forestry, fisheries, and other[7]	1,771	8,287	23,577	24,787	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Mining	221,407	289,327	376,352	340,223	371,838	410,636	1,793	2,595	1,316	1,416	1,624	1,700
Coal mining	189	182	(D)	241	(L)	51	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	213,558	283,067	368,814	(D)	(D)	399,378	1,205	1,881	639	630	916	(D)
Metal mining	7,321	5,888	6,936	(D)	(D)	11,071	0	0	0	0	0	0
Nonmetallic minerals, except fuels	339	190	(D)	110	136	136	582	708	670	782	703	(D)
Construction	647,457	598,322	510,953	391,312	342,067	390,460	33,185	34,810	37,975	39,559	44,745	45,126
Manufacturing	77,462	77,377	67,195	62,297	62,303	62,315	691,201	728,995	714,800	655,433	745,680	802,004
Nondurable goods	43,530	46,766	44,671	43,188	44,988	44,198	34,014	35,450	36,968	39,038	44,205	45,144
Food and kindred products	11,051	11,749	10,120	12,492	15,003	12,873	16,893	17,651	18,290	19,428	21,505	22,224
Textile mill products	(D)	(D)	163	(D)	(D)	160	0	0	0	0	0	0
Apparel and other textile products	475	772	868	751	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	30,116	32,775	32,117	28,804	27,880	29,060	11,221	11,795	12,118	12,948	13,470	13,475
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	963	1,111	(D)
Petroleum and coal products	(D)	(D)	281	(D)	244	513	0	0	0	0	0	0
Tobacco manufactures	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	821	666	(D)	(D)	(D)	(D)	2,831	2,906
Leather and leather products	(D)	(D)	87	56	−114	(D)	0	0	(D)	(D)	(D)	(D)
Durable goods	33,932	30,611	22,524	19,109	17,315	18,117	657,187	693,545	677,832	616,395	701,475	756,860
Lumber and wood products	7,889	5,519	3,082	1,695	1,025	1,077	1,417	1,396	1,271	1,401	1,311	1,392
Furniture and fixtures	927	1,059	(D)	(D)	350	534	1,780	1,876	2,292	3,011	4,408	4,912
Primary metal industries	(D)	457	332	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,312	3,640	3,455	3,135	(D)	2,658	14,514	13,146	12,364	13,796	14,026	17,651
Machinery, except electrical	2,512	3,710	3,111	1,444	1,150	1,686	12,223	13,364	11,893	12,541	16,108	16,204
Electric and electronic equipment	616	(D)	376	540	677	(D)	587,582	620,004	606,127	543,124	621,057	671,072
Transportation equip. excl. motor vehicles	1,127	2,062	759	312	536	1,843	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	14,300	11,688	9,090	9,006	7,663	8,191	17,973	20,058	19,640	22,557	22,319	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	272	274	110	185	350	(D)
Miscellaneous manufacturing industries	1,823	1,870	1,457	1,475	1,572	1,709	2,440	2,437	2,563	2,699	3,138	3,172
Transportation and public utilities	387,042	397,997	373,129	370,447	393,069	453,198	35,071	34,127	37,495	39,883	40,916	39,643
Railroad transportation	75	(L)	0	0	0	0	6,157	5,064	4,550	3,982	3,975	3,901
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	14,708	15,447	17,390	19,712	20,234	19,146
Water transportation	14,378	12,992	10,473	10,227	10,829	40,046	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,357
Communication	79,174	92,557	87,104	84,415	78,866	79,895	6,266	6,179	6,628	6,805	6,886	6,298
Electric, gas, and sanitary services	45,071	59,608	61,981	52,479	64,363	62,112	(D)	(D)	(D)	(D)	(D)	4,941
Wholesale trade	229,327	236,561	218,771	195,390	192,999	208,097	24,419	28,270	28,757	31,240	32,965	35,324
Retail trade	440,556	445,304	408,941	369,005	384,466	422,465	95,225	99,742	104,809	111,491	119,309	127,656
Finance, insurance, and real estate	245,703	264,013	267,702	251,762	227,719	209,022	26,256	27,018	30,014	36,968	34,228	34,288
Banking and credit agencies	113,766	121,885	122,920	110,143	99,650	88,084	15,659	16,620	17,858	18,202	18,395	18,716
Other finance, insurance, and real estate[9]	131,937	142,128	144,782	141,619	128,069	120,938	10,597	10,398	12,156	18,766	15,833	15,572
Services	820,904	872,156	863,233	828,118	861,329	994,189	154,851	168,584	192,203	209,167	228,097	249,858
Hotels and other lodging places	44,220	46,478	46,570	45,600	47,606	55,579	1,906	2,068	2,349	2,502	2,623	2,962
Personal services	41,923	50,524	53,525	50,143	54,534	64,229	10,408	13,299	14,148	15,114	17,115	19,311
Private households	3,346	3,459	(D)	(D)	(D)	(D)	2,769	2,773	2,759	2,759	2,910	3,052
Business services	175,862	188,806	167,840	155,146	157,096	207,483	9,438	15,097	21,027	23,652	25,115	30,406
Auto repair, services, and garages	36,789	39,921	38,128	36,509	37,023	42,504	7,366	7,398	9,018	9,884	10,482	12,155
Miscellaneous repair services	18,609	18,993	16,591	14,262	15,537	18,341	3,215	3,269	3,930	4,553	5,450	5,772
Amusement and recreation services	9,195	13,534	18,138	20,664	22,265	25,103	3,097	3,537	4,159	4,348	4,676	5,364
Motion pictures	(D)	8,542	8,182	8,034	10,480	12,082	321	278	255	289	321	388
Health services	164,951	173,315	179,422	179,763	191,476	209,430	83,168	84,577	91,712	98,891	104,964	112,147
Legal services	70,318	77,020	78,794	81,772	86,067	88,468	7,061	7,382	8,075	8,199	9,360	10,007
Educational services	9,987	12,468	13,073	14,181	14,696	16,749	(D)	(D)	(D)	(D)	(D)	(D)
Social services	32,284	37,181	36,322	37,583	39,230	43,572	2,640	2,950	3,063	3,055	3,892	4,686
Museums, botanical, zoological gardens	(D)	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	36,895	34,881	36,515	33,802	34,901	36,994	8,496	8,464	8,826	9,455	10,028	10,430
Miscellaneous services	168,913	166,944	166,573	147,162	146,714	169,812	6,792	8,864	13,532	16,337	20,199	21,317
Government and government enterprises	1,035,032	1,103,349	1,143,613	1,149,787	1,167,727	1,215,541	99,287	107,013	114,826	120,503	133,665	142,865
Federal, civilian	308,206	296,527	300,318	324,299	350,699	362,288	8,972	9,405	9,559	9,851	10,793	10,884
Military	209,523	220,558	246,610	260,672	264,206	276,433	3,026	3,433	4,007	4,166	4,350	4,454
State and local	517,303	586,264	596,685	564,816	552,822	576,820	87,289	94,175	101,260	106,486	118,522	127,527

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Anderson, SC (MSA)						Ann Arbor, MI (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,382,988**	**1,457,463**	**1,542,126**	**1,663,989**	**1,803,780**	**1,932,142**	**4,081,261**	**4,444,288**	**4,863,333**	**5,278,996**	**5,653,676**	**6,060,627**
Nonfarm personal income	1,375,554	1,451,167	1,537,606	1,655,320	1,792,490	1,923,711	4,071,387	4,431,238	4,851,468	5,267,448	5,641,580	6,043,973
Farm income[1]	7,434	6,296	4,520	8,669	11,290	8,431	9,874	13,050	11,865	11,548	12,096	16,654
Population (thousands)[2]	138.3	139.4	140.0	141.4	143.1	144.3	260.7	262.0	261.7	264.3	267.8	269.2
Per capita personal income (dollars)	**9,997**	**10,453**	**11,011**	**11,769**	**12,607**	**13,388**	**15,652**	**16,961**	**18,581**	**19,975**	**21,110**	**22,512**
Derivation of total personal income:												
Total earnings by place of work	897,252	927,019	981,346	1,073,888	1,164,857	1,232,869	3,746,288	4,126,016	4,372,773	4,644,746	5,053,970	5,351,458
Less: Personal contributions for social insurance[3]	53,183	58,266	63,435	64,577	72,980	81,091	202,257	234,448	240,735	269,958	303,520	330,377
Plus: Adjustment for residence	142,129	154,673	170,406	192,182	212,921	222,408	−503,633	−535,669	−449,942	−368,285	−460,463	−483,832
Equals: Net earnings by place of residence	986,198	1,023,426	1,088,317	1,201,493	1,304,798	1,374,186	3,040,398	3,355,899	3,682,096	4,006,503	4,289,987	4,537,249
Plus: Dividends, interest, and rent[5]	185,104	197,147	206,801	204,985	224,650	260,198	602,793	639,637	685,840	736,517	797,286	912,478
Plus: Transfer payments	211,686	236,890	247,008	257,511	274,332	297,758	438,070	448,752	495,397	535,976	566,403	610,900
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	734,893	756,174	792,597	865,036	932,280	985,822	3,121,234	3,444,916	3,639,050	3,844,454	4,184,299	4,422,383
Other labor income	75,078	73,846	77,594	83,745	91,037	97,685	408,098	426,218	443,330	453,757	487,303	515,059
Proprietors' income[6]	87,281	96,999	111,155	125,107	141,540	149,362	216,956	254,882	290,393	346,535	382,368	414,016
Farm	5,917	4,822	3,085	7,177	9,811	6,953	6,619	9,849	8,728	8,267	8,839	13,372
Nonfarm	81,364	92,177	108,070	117,930	131,729	142,409	210,337	245,033	281,665	338,268	373,529	400,644
Earnings by industry:												
Farm	7,434	6,296	4,520	8,669	11,290	8,431	9,874	13,050	11,865	11,548	12,096	16,654
Nonfarm	889,818	920,723	976,826	1,065,219	1,153,567	1,224,438	3,736,414	4,112,966	4,360,908	4,633,198	5,041,874	5,334,804
Private	785,283	803,725	851,079	929,018	1,006,370	1,063,600	2,835,225	3,107,398	3,271,424	3,453,053	3,801,094	4,018,063
Agricultural services, forestry, fisheries, and other[7]	1,656	1,990	2,504	3,238	3,504	3,402	7,203	8,754	10,162	10,319	15,676	18,927
Agricultural services	920	1,150	(D)	2,235	2,518	2,405	6,833	8,452	9,803	(D)	(D)	(D)
Forestry, fisheries, and other[7]	736	840	(D)	1,003	986	997	370	302	359	(D)	(D)	(D)
Mining	985	1,468	440	481	739	787	10,742	15,186	7,373	7,526	9,513	6,998
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,771
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,226
Construction	46,718	(D)	58,475	63,646	74,451	75,976	138,291	120,708	135,169	149,335	183,243	203,846
Manufacturing	419,871	407,989	419,986	444,692	470,924	495,644	1,488,191	1,638,257	1,615,633	1,604,074	1,724,869	1,695,415
Nondurable goods	310,373	292,710	302,412	322,194	338,474	353,681	168,948	197,048	176,045	182,793	209,632	229,643
Food and kindred products	5,789	5,321	4,699	4,798	(D)	7,435	12,912	13,658	15,510	14,668	16,090	17,452
Textile mill products	169,560	149,890	153,641	170,904	179,698	181,828	(D)	(D)	(D)	(D)	968	(D)
Apparel and other textile products	26,415	22,407	21,011	21,325	20,619	21,707	(D)	(D)	(D)	(D)	(D)	601
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	7,885	6,492	8,848	(D)	8,338	9,695
Printing and publishing	8,255	9,060	9,374	11,027	10,405	10,314	50,714	61,072	64,580	70,772	80,778	87,734
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	54,738	58,479	64,277	63,757	66,609	75,059	61,266	76,543	41,903	35,673	44,520	49,026
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	109,498	115,279	117,574	122,498	132,450	141,963	1,319,243	1,441,209	1,439,588	1,421,281	1,515,237	1,465,772
Lumber and wood products	872	917	1,237	1,582	1,648	1,536	1,723	1,271	1,391	1,683	2,053	2,354
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	331	629	887	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	5,243	6,195	9,265	(D)	(D)	(D)
Fabricated metal products	9,037	8,466	9,092	10,605	13,796	16,369	56,964	55,577	55,585	52,054	50,655	61,437
Machinery, except electrical	17,084	17,182	18,633	19,013	24,450	29,291	74,832	79,773	99,533	114,697	133,080	155,686
Electric and electronic equipment	26,798	32,275	28,477	(D)	(D)	(D)	(D)	(D)	(D)	322,819	328,755	294,978
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	892	948	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	876,194	964,788	916,102	852,040	893,288	842,312
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,612	1,784	1,802	5,010	5,284	11,732
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	29,240	32,878	35,692	44,467	61,512	63,810
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	7,022	7,860	8,185	9,107	10,783	12,288
Transportation and public utilities	42,574	(D)	44,153	45,111	48,689	49,544	112,742	139,576	159,681	146,654	166,909	196,845
Railroad transportation	1,530	1,218	1,018	790	1,020	1,190	3,126	2,908	2,947	2,914	2,677	2,343
Trucking and warehousing	11,022	11,516	12,719	13,789	15,991	15,112	42,669	51,395	62,961	43,359	50,688	50,396
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Other transportation[8]	2,890	3,028	3,206	3,542	(D)	(D)	(D)	40,651	49,574	53,117	63,768	88,255
Communication	13,631	12,766	12,660	12,418	12,436	13,039	16,284	22,101	21,567	28,007	28,493	29,296
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	14,667	15,555	17,975	22,521	22,632	19,257	21,283	26,555
Wholesale trade	30,896	34,546	33,667	33,269	36,223	38,836	85,609	87,833	98,421	110,690	142,148	176,749
Retail trade	101,383	107,480	114,890	128,710	141,335	146,444	222,326	243,990	269,237	313,635	341,752	377,106
Finance, insurance, and real estate	23,887	25,070	27,236	32,815	32,315	32,466	75,866	81,572	92,004	129,160	132,305	128,432
Banking and credit agencies	12,430	13,059	14,531	15,316	16,701	16,987	41,630	43,643	49,436	55,229	60,670	67,027
Other finance, insurance, and real estate[9]	11,457	12,011	12,705	17,499	15,614	15,479	34,236	37,929	42,568	73,931	71,635	61,405
Services	117,313	133,378	149,728	177,056	198,190	220,501	694,255	771,522	883,744	981,660	1,084,679	1,213,745
Hotels and other lodging places	(D)	(D)	1,646	2,098	2,476	(D)	10,256	10,797	12,894	17,750	15,513	17,258
Personal services	6,583	8,305	8,765	9,452	11,649	12,995	17,090	23,580	26,658	27,899	34,156	39,660
Private households	2,956	2,990	3,007	3,032	3,224	3,403	6,084	6,100	6,096	6,105	6,442	6,743
Business services	13,870	16,497	17,797	26,654	29,677	30,525	218,577	267,843	311,070	326,611	338,225	388,337
Auto repair, services, and garages	8,851	10,048	11,025	12,188	12,211	13,721	12,219	14,291	16,812	18,588	19,951	22,189
Miscellaneous repair services	4,161	4,094	4,627	7,767	10,763	16,077	6,069	6,235	6,838	7,179	8,509	8,356
Amusement and recreation services	1,721	1,973	2,358	2,554	2,921	3,204	6,203	6,784	7,627	8,371	9,490	10,753
Motion pictures	485	454	444	599	505	534	3,036	2,975	964	1,079	2,400	1,394
Health services	36,994	41,996	45,167	53,546	57,458	62,801	217,269	228,084	247,111	283,797	325,099	367,886
Legal services	6,872	6,784	7,352	7,385	8,341	9,496	25,147	24,227	28,485	31,625	35,106	39,969
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	10,060	10,761	11,696	13,065	15,344	16,019
Social services	2,271	2,498	2,937	3,342	4,439	5,441	19,475	22,860	24,532	32,613	30,536	35,417
Museums, botanical, zoological gardens	0	0	(D)	(D)	(D)	0	145	173	260	338	370	433
Membership organizations	5,986	5,842	5,853	6,213	6,786	7,011	19,655	20,720	24,116	27,303	30,598	34,546
Miscellaneous services	22,014	27,051	35,077	38,252	42,976	47,930	122,970	126,092	158,585	179,337	212,940	224,785
Government and government enterprises	104,535	116,998	125,747	136,201	147,197	160,838	901,189	1,005,568	1,089,484	1,180,145	1,240,780	1,316,741
Federal, civilian	7,498	8,220	8,218	9,178	10,989	12,091	62,865	72,961	71,140	80,377	87,634	93,133
Military	6,433	6,879	6,969	7,351	7,650	7,834	4,907	5,497	5,979	6,753	6,904	7,195
State and local	90,604	101,899	110,560	119,672	128,558	140,913	833,417	927,110	1,012,365	1,093,015	1,146,242	1,216,413

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Anniston, AL (MSA)						Appleton—Oshkosh—Neenah, WI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,166,571**	**1,229,019**	**1,289,958**	**1,356,420**	**1,442,157**	**1,517,602**	**3,728,734**	**3,962,252**	**4,208,553**	**4,449,824**	**4,738,009**	**5,071,204**
Nonfarm personal income	1,157,845	1,219,983	1,278,280	1,345,784	1,428,933	1,500,064	3,660,101	3,891,231	4,118,772	4,356,665	4,663,788	4,974,245
Farm income[1]	8,726	9,036	11,678	10,636	13,224	17,538	68,633	71,021	89,781	93,159	74,221	96,959
Population (thousands)[2]	125.0	123.5	121.8	123.1	123.3	122.9	302.0	304.5	305.3	308.3	312.9	316.3
Per capita personal income (dollars)	**9,335**	**9,948**	**10,587**	**11,019**	**11,696**	**12,353**	**12,347**	**13,014**	**13,785**	**14,433**	**15,143**	**16,032**
Derivation of total personal income:												
Total earnings by place of work	911,433	955,306	998,021	1,056,041	1,108,787	1,151,019	2,932,266	3,125,775	3,338,565	3,600,208	3,872,162	4,067,897
Less: Personal contributions for social insurance[3]	53,934	58,300	58,403	61,200	66,385	70,584	181,757	204,510	215,569	240,186	271,862	294,106
Plus: Adjustment for residence	−47,577	−51,989	−54,638	−55,616	−52,858	−59,126	−148,911	−157,922	−166,557	−185,421	−201,505	−187,418
Equals: Net earnings by place of residence	809,922	845,017	884,980	939,225	989,544	1,021,309	2,601,598	2,763,343	2,956,439	3,174,601	3,398,795	3,586,373
Plus: Dividends, interest, and rent[5]	128,111	139,177	146,869	147,451	162,712	184,825	647,936	692,561	713,934	710,350	750,358	852,324
Plus: Transfer payments	228,538	244,825	258,109	269,744	289,901	311,468	479,200	506,348	538,180	564,873	588,856	632,507
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	785,215	824,519	855,466	902,394	938,741	964,911	2,412,088	2,577,798	2,738,273	2,946,152	3,185,680	3,324,660
Other labor income	60,174	62,347	65,248	69,809	76,388	84,020	267,966	275,522	296,749	318,460	347,013	366,389
Proprietors' income[6]	66,044	68,440	77,307	83,838	93,658	102,088	252,212	272,455	303,543	335,596	339,469	376,848
Farm	7,961	8,289	10,954	9,893	12,494	16,818	52,586	55,356	74,517	77,249	58,391	81,187
Nonfarm	58,083	60,151	66,353	73,945	81,164	85,270	199,626	217,099	229,026	258,347	281,078	295,661
Earnings by industry:												
Farm	8,726	9,036	11,678	10,636	13,224	17,538	68,633	71,021	89,781	93,159	74,221	96,959
Nonfarm	902,707	946,270	986,343	1,045,405	1,095,563	1,133,481	2,863,633	3,054,754	3,248,784	3,507,049	3,797,941	3,970,938
Private	499,772	529,959	569,376	601,957	642,830	670,863	2,554,869	2,730,018	2,904,968	3,145,451	3,414,933	3,565,900
Agricultural services, forestry, fisheries, and other[7]	3,135	3,258	(D)	3,820	3,587	3,793	10,197	10,092	10,028	12,671	12,901	(D)
Agricultural services	2,504	2,759	(D)	3,420	(D)	3,644	9,828	9,653	9,609	12,281	12,467	13,220
Forestry, fisheries, and other[7]	631	499	344	400	(D)	149	369	439	419	390	434	(D)
Mining	2,371	2,550	(D)	1,621	2,565	2,807	11,218	13,263	8,865	10,041	11,888	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	51	(L)	(L)	(L)	(L)
Oil and gas extraction	760	1,181	372	369	565	595	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	1,587	1,344	(D)	1,243	1,989	2,201	(D)	(D)	(D)	(D)	(D)	(D)
Construction	29,562	31,818	33,435	38,188	40,512	38,051	181,379	190,831	214,240	226,523	281,792	272,606
Manufacturing	191,027	197,003	203,528	209,176	217,899	226,509	1,279,793	1,350,970	1,429,170	1,534,486	1,637,608	1,670,133
Nondurable goods	84,465	82,293	85,688	89,396	90,591	92,596	786,451	822,928	874,734	945,160	988,253	974,587
Food and kindred products	7,790	7,290	7,595	7,657	6,718	3,573	91,398	92,253	93,778	100,688	107,683	114,708
Textile mill products	34,058	30,284	32,026	34,632	35,492	38,026	21,410*	21,550*	22,700*	26,027*	27,850*	27,309*
Apparel and other textile products	24,101	25,199	27,751	32,147	33,827	36,285	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	546,532	572,543	604,351	659,084	675,510	641,803
Printing and publishing	(D)	4,761	5,054	5,265	5,533	5,447	78,601	78,983	83,480	91,677	99,072	108,905
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	8,419*	7,818*	15,003*	8,450*	8,721*	7,619*
Petroleum and coal products	0	142	146	163	0	0	0	0	0	0	0	759
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	0	(D)	(D)	(D)	(D)	31,211	37,171*	37,328*	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	106,562	114,710	117,840	119,780	127,308	133,913	493,342	528,042	554,436	589,326	649,355	695,546
Lumber and wood products	4,603	4,953	5,751	6,888	7,277	6,517	26,456*	39,863*	42,425*	46,702	49,085	41,114
Furniture and fixtures	(D)	5,666	6,129	6,957	7,641	8,590	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	25,935	26,964	27,574	29,064	33,575	38,916	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	60,876	61,327	58,863	55,100	54,707	57,892	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	4,194	6,977	7,223	6,882	6,450	5,957	182,692	193,236	195,412	203,326	221,825	249,132
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	61,683*	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	0	0	(D)	925	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,378	1,576	2,147	2,061	1,711	2,032	7,096*	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	2,704	2,845	3,107	3,202	3,615	3,185*
Miscellaneous manufacturing industries	2,016	2,503	2,475	2,654	3,121	3,093	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	39,124	41,131	45,422	49,275	52,815	55,464	131,434	143,205	151,828	156,554	173,851	192,782
Railroad transportation	1,180	1,214	2,259	2,555	2,483	2,273	(D)	5,345*	(D)	4,762*	3,095	1,057
Trucking and warehousing	14,240	14,703	15,452	15,532	15,652	15,004	58,847	59,122	62,680	64,852	71,311	77,511
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	211*	209*
Other transportation[8]	1,340	1,446	1,972	2,619	5,313	8,157	(D)	(D)	(D)	(D)	(D)	(D)
Communication	9,851	10,080	10,617	11,827	12,012	12,165	(D)	28,126	28,032	(D)	(D)	(D)
Electric, gas, and sanitary services	12,513	13,688	15,122	16,742	17,355	17,865	(D)	21,281*	(D)	(D)	(D)	(D)
Wholesale trade	40,419	41,297	41,138	42,894	46,963	53,791	147,708	153,394	155,618	168,904	188,643	204,374
Retail trade	80,352	88,102	98,273	100,305	107,872	110,527	232,130	248,801	265,382	274,343	297,386	316,003
Finance, insurance, and real estate	20,785	22,389	23,359	26,950	25,509	26,115	125,061	140,441	153,472	186,051	181,084	191,270
Banking and credit agencies	11,612	12,664	13,446	13,181	12,727	13,373	(D)	(D)	(D)	(D)	44,615*	(D)
Other finance, insurance, and real estate[9]	9,173	9,725	9,913	13,769	12,782	12,742	(D)	(D)	(D)	(D)	130,989*	(D)
Services	92,997	102,411	119,141	129,728	145,108	153,806	435,949	479,021	516,365	575,878	629,780	688,752
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	7,448*	7,823*	10,350*	11,227*	12,011*	12,521*
Personal services	6,043	6,536	7,758	8,376	10,200	11,638	23,569	28,810	30,253	32,804	37,496	41,851
Private households	5,941	5,980	5,981	5,997	6,335	6,632	4,095	4,108	4,089	4,088	4,335	4,550
Business services	6,553	8,722	15,280	16,435	21,310	22,239	72,658	83,585	95,070	106,596	118,145	131,909
Auto repair, services, and garages	7,862	7,969	8,722	9,271	10,390	11,285	20,447	23,064	22,400	23,891	27,045	27,814
Miscellaneous repair services	1,959	2,064	2,582	2,713	3,000	3,543	7,911	7,398	8,386	9,176	10,414	11,154
Amusement and recreation services	1,458	1,751	2,842	1,938	1,515	1,753	8,073	8,712	9,156	9,950	10,558	11,317
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	31,635	36,431	39,505	45,011	49,753	51,085	186,236	200,312	213,244	247,751	260,905	281,085
Legal services	5,676	6,203	7,589	8,491	7,938	8,807	20,329	20,904	22,203	21,718	23,887	26,181
Educational services	3,108	3,018	2,627	2,980	3,128	3,409	15,657	16,865	18,055	19,250	21,106	22,056
Social services	1,997	2,184	2,504	2,648	2,716	3,249	13,671*	16,310*	18,063*	21,369*	24,415	31,470
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,972	6,010	6,033	6,421	7,266	7,445	20,274	20,194	20,701	22,530	25,548	27,278
Miscellaneous services	11,960	11,409	14,017	15,577	17,744	19,046	34,301	39,579	43,010	44,032	52,780	58,382
Government and government enterprises	402,935	416,311	416,967	443,448	452,733	462,618	308,764	324,736	343,816	361,598	383,008	405,038
Federal, civilian	183,958	198,982	196,193	208,691	211,084	221,740	24,845	26,397	26,184	28,070	31,719	33,363
Military	127,994	117,202	114,765	124,017	121,726	111,139	9,529	10,854	11,772	12,658	13,151	13,563
State and local	90,983	100,127	106,009	110,740	119,923	129,739	274,390	287,485	305,860	320,870	338,138	358,112

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Asheville, NC (MSA)						Athens, GA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,869,978**	**2,010,937**	**2,133,695**	**2,292,726**	**2,502,457**	**2,730,323**	**1,443,560**	**1,560,028**	**1,720,608**	**1,854,126**	**2,021,312**	**2,192,512**
Nonfarm personal income	1,852,378	1,993,505	2,116,261	2,275,500	2,486,377	2,713,573	1,376,694	1,504,709	1,640,889	1,793,626	1,948,912	2,101,097
Farm income[1]	17,600	17,432	17,434	17,226	16,080	16,750	66,866	55,319	79,719	60,500	72,400	91,415
Population (thousands)[2]	166.3	168.4	169.9	171.3	173.1	174.7	137.2	139.4	139.8	142.1	144.7	145.7
Per capita personal income (dollars)	**11,244**	**11,939**	**12,557**	**13,381**	**14,459**	**15,627**	**10,522**	**11,191**	**12,308**	**13,049**	**13,971**	**15,052**
Derivation of total personal income:												
Total earnings by place of work	1,380,963	1,485,772	1,576,503	1,693,703	1,857,713	1,997,484	1,080,157	1,154,467	1,284,202	1,373,946	1,502,688	1,648,610
Less: Personal contributions for social insurance[3]	83,893	94,545	100,633	104,889	119,087	132,924	54,315	60,992	66,714	72,087	81,149	90,988
Plus: Adjustment for residence	−46,479	−56,199	−62,062	−63,106	−74,667	−82,324	−740	9,296	12,644	32,007	30,049	2,151
Equals: Net earnings by place of residence	1,250,591	1,335,028	1,413,808	1,525,708	1,663,959	1,782,236	1,025,102	1,102,771	1,230,132	1,333,866	1,451,588	1,559,773
Plus: Dividends, interest, and rent[4]	311,931	343,999	367,426	391,982	438,670	508,476	213,196	231,345	243,655	257,345	286,330	328,051
Plus: Transfer payments	307,456	331,910	352,461	375,036	399,828	439,611	205,262	225,912	246,821	262,915	283,394	304,688
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,146,639	1,232,752	1,302,885	1,398,304	1,534,533	1,650,511	858,398	934,864	1,017,551	1,104,818	1,201,054	1,308,244
Other labor income	108,631	111,212	117,766	121,589	133,654	145,914	71,992	75,680	83,818	90,986	100,315	112,023
Proprietors' income[5]	125,693	141,808	155,852	173,810	189,526	201,059	149,767	143,923	182,833	178,142	201,319	228,343
Farm	15,324	15,178	15,209	14,890	13,738	14,379	62,656	51,187	75,676	56,268	68,183	87,172
Nonfarm	110,369	126,630	140,643	158,920	175,788	186,680	87,111	92,736	107,157	121,874	133,136	141,171
Earnings by industry:												
Farm	17,600	17,432	17,434	17,226	16,080	16,750	66,866	55,319	79,719	60,500	72,400	91,415
Nonfarm	1,363,363	1,468,340	1,559,069	1,676,477	1,841,633	1,980,734	1,013,291	1,099,148	1,204,483	1,313,446	1,430,288	1,557,195
Private	1,167,279	1,255,997	1,331,640	1,433,734	1,576,859	1,692,678	697,478	755,057	829,737	914,424	999,793	1,088,741
Agricultural services, forestry, fisheries, and other[7]	3,417	3,689	3,943	5,750	6,045	6,937	2,837	2,851	3,210*	4,916	5,826	5,401
Agricultural services	3,322	3,626	3,915	5,714	6,014	6,909	2,453	2,646	3,111*	(D)	(D)	(D)
Forestry, fisheries, and other[7]	95	63	(L)	(L)	(L)	(L)	384	205	95	(D)	(D)	(D)
Mining	4,741	6,755	3,755	4,151	5,186	5,450	3,071	4,089	(D)	3,651	4,113	3,844
Coal mining	148	92	89	(L)	(L)	59	(L)	(L)	(D)	(D)	(L)	(L)
Oil and gas extraction	2,970	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	513*	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	0	0	(D)	0	0
Nonmetallic minerals, except fuels	1,629	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	80,687	94,474	104,732	115,964	129,746	134,451	52,443	65,007	77,572	79,386	90,305	93,272
Manufacturing	413,679	429,939	447,240	443,380	462,344	480,103	247,507	251,788	269,371	284,029	297,486	329,069
Nondurable goods	183,905	181,824	188,479	185,937	197,449	203,132	139,342	137,119	148,499	155,822	160,434	165,001
Food and kindred products	20,718	21,330	21,468	21,825	22,436	17,843	39,713*	41,904*	48,353*	50,051*	(D)	62,895*
Textile mill products	40,062	38,324	48,844	65,253	65,727	71,534	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	45,282	46,865	35,550	25,226	26,405	27,387	36,690	32,690	32,154	30,022	29,583	23,259*
Paper and allied products	1,690	1,681	1,896	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	14,121	16,413	16,783	17,653	19,924	22,227	6,458*	6,677*	7,758*	9,083*	11,171*	9,489*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	46,939	(D)	(D)	(D)	4,170*	(D)	(D)
Petroleum and coal products	123	109	104	146	162	161	129	271	314	725	885	132
Tobacco manufactures	0	0	0	0	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	7,906	10,356	11,156	11,917	13,983	(D)	5,073	5,490	(D)	(D)	6,530*	(D)
Leather and leather products	(D)	(D)	(D)	777	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	229,774	248,115	258,761	257,443	264,895	276,971	108,165	114,669	120,872	128,207	137,052	164,068
Lumber and wood products	(D)	11,661	11,633	9,987	11,201	12,619	5,246	5,911	8,169	9,333	10,465	14,958
Furniture and fixtures	10,063	8,397	(D)	9,710	3,293	3,024	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	16,001	17,567	18,596	18,953	34,348	36,836	(D)	(D)	(D)	(D)	3,199*	(D)
Machinery, except electrical	41,389	54,341	55,266	53,262	51,604	55,893	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	93,396	97,567	102,588	101,679	99,183	97,156	47,196	50,165*	51,749*	53,633*	59,135*	(D)
Transportation equip. excl. motor vehicles	10,562	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	14,800	16,920	19,132	19,048	16,563	16,917	15,445*	16,129*	16,755*	18,271*	19,537*	19,686*
Instruments and related products	17,902	14,974	14,032	12,161	12,737	13,429	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,248	1,135	1,401	2,365	2,103	2,516	(D)	(D)	(D)	(D)	361	(D)
Transportation and public utilities	92,192	97,840	105,586	111,581	120,025	126,471	47,925	52,875	60,286	65,228	66,800	69,921
Railroad transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	28,668	30,080	37,458	40,688	45,098	44,244	12,995*	14,996*	16,527*	17,065*	18,247*	19,461
Water transportation	0	0	0	0	0	0	0	0	0	0	(D)	0
Other transportation[8]	6,941	7,517	7,607	8,178	12,511	(D)	(D)	(D)	(D)	(D)	(D)	1,638*
Communication	27,717	30,124	29,216	30,494	29,990	34,456	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	18,774	(D)	(D)	(D)	(D)	26,173	28,226
Wholesale trade	66,366	71,168	68,498	79,727	98,263	110,158	47,996	54,004	57,631	64,345	79,026	93,991
Retail trade	164,560	170,642	183,551	192,815	214,443	230,533	105,178	113,106	118,935	127,976	142,238	149,339
Finance, insurance, and real estate	43,886	46,775	50,477	69,430	64,344	68,041	33,741	36,564	43,505	54,946	52,192	52,794
Banking and credit agencies	18,692	20,367	22,149	24,694	27,938	30,555	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	25,194	26,408	28,328	44,736	36,406	37,486	(D)	19,211*	22,490*	31,247*	27,702*	27,238*
Services	297,751	334,715	363,858	410,936	476,463	530,534	156,780	174,773	195,887	229,947	261,807	291,110
Hotels and other lodging places	16,879	18,018	19,985	22,325	25,049	27,062	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	17,160	20,078	20,667	23,414	26,285	29,464	8,045	9,746	10,038	11,395	12,372	14,625
Private households	12,817	13,012	13,069	13,158	14,048	14,838	8,385	8,571	8,693	8,838	9,457	10,006
Business services	32,250	41,863	44,848	50,941	64,674	71,016	16,524	19,518	19,656	22,213	30,273	36,521
Auto repair, services, and garages	13,375	14,866	17,195	15,862	17,143	18,798	12,091	13,717	15,039	17,916	20,606	21,760
Miscellaneous repair services	6,312	5,622	5,955	7,191	9,480	10,503	(D)	(D)	(D)	(D)	(D)	3,882
Amusement and recreation services	8,551	10,034	10,991	12,215	12,835	14,197	1,651*	1,895*	2,473*	3,695*	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	332
Health services	136,506	152,098	163,109	190,005	219,353	248,484	57,040	66,985	77,474	93,577	108,903	117,423
Legal services	12,885	14,445	17,429	19,736	22,103	22,636	8,143	10,235	11,579	13,297	14,536	17,800
Educational services	8,297	8,955	10,219	11,576	13,664	16,398	(D)	(D)	(D)	(D)	(D)	(D)
Social services	5,578	6,464	7,809	8,700	9,743	12,036	5,350*	5,636*	6,149*	9,089*	6,206*	6,376*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	10,232	9,903	10,230	10,917	11,868	11,679	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	15,810	18,137	21,340	23,608	29,089	30,892	18,864	17,848	23,131	26,169	27,176	31,570
Government and government enterprises	196,084	212,343	227,429	242,743	264,774	288,056	315,813	344,091	374,746	399,022	430,495	468,454
Federal, civilian	63,747	66,517	67,291	69,010	73,492	78,688	57,806	59,866	61,954	64,297	69,053	72,663
Military	2,940	3,346	3,652	3,879	4,057	4,141	17,854	19,887	20,742	19,432	20,572	23,967
State and local	129,397	142,480	156,486	169,854	187,225	205,227	240,153	264,338	292,050	315,293	340,870	371,824

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Atlanta, GA (MSA)						Atlantic City, NJ (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**34,081,819**	**38,186,249**	**42,123,578**	**46,193,019**	**50,408,491**	**53,714,928**	**4,755,007**	**5,180,031**	**5,574,885**	**6,102,315**	**6,692,877**	**7,200,078**
Nonfarm personal income	33,954,543	38,070,449	41,970,686	46,065,294	50,265,218	53,549,109	4,743,135	5,162,469	5,559,029	6,088,602	6,679,145	7,185,453
Farm income[1]	127,276	115,800	152,892	127,725	143,273	165,819	11,872	17,562	15,856	13,713	13,732	14,625
Population (thousands)[2]	2,379.4	2,469.4	2,565.9	2,656.2	2,736.6	2,818.9	288.9	293.7	298.6	303.5	309.2	313.0
Per capita personal income (dollars)	**14,324**	**15,464**	**16,417**	**17,391**	**18,420**	**19,055**	**16,458**	**17,640**	**18,669**	**20,105**	**21,647**	**23,001**
Derivation of total personal income:												
Total earnings by place of work	28,485,241	32,180,013	35,797,666	39,502,796	43,045,213	45,155,610	3,248,749	3,566,305	3,870,946	4,297,753	4,720,771	4,984,864
Less: Personal contributions for social insurance[3]	1,562,463	1,850,468	2,060,172	2,257,788	2,538,618	2,732,105	201,791	229,261	264,821	293,222	335,082	365,599
Plus: Adjustment for residence	−727,261	−866,272	−1,038,112	−1,179,421	−1,273,011	−1,205,895	182,758	204,222	223,839	254,287	288,511	296,765
Equals: Net earnings by place of residence	26,195,517	29,463,273	32,699,382	36,065,587	39,233,584	41,217,610	3,229,716	3,541,266	3,829,964	4,258,818	4,674,200	4,916,030
Plus: Dividends, interest, and rent[5]	4,664,771	5,218,465	5,618,727	6,041,981	6,726,582	7,709,372	819,189	889,535	946,368	997,052	1,134,649	1,295,363
Plus: Transfer payments	3,221,531	3,504,511	3,805,469	4,085,451	4,448,325	4,787,946	706,102	749,230	798,553	846,445	884,028	988,685
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	24,058,158	27,223,199	30,082,004	33,160,194	36,093,678	37,774,918	2,752,173	2,997,394	3,252,598	3,586,772	3,931,383	4,161,748
Other labor income	2,334,698	2,528,995	2,847,579	3,116,134	3,362,496	3,536,004	226,262	232,479	255,887	280,851	304,778	325,701
Proprietors' income[6]	2,092,385	2,427,819	2,868,083	3,226,468	3,589,039	3,844,688	270,314	336,432	362,461	430,130	484,610	497,415
Farm	117,394	106,222	143,613	118,099	133,752	156,358	5,308	11,097	9,492	7,025	7,017	7,807
Nonfarm	1,974,991	2,321,597	2,724,470	3,108,369	3,455,287	3,688,330	265,006	325,335	352,969	423,105	477,593	489,608
Earnings by industry:												
Farm	127,276	115,800	152,892	127,725	143,273	165,819	11,872	17,562	15,856	13,713	13,732	14,625
Nonfarm	28,357,965	32,064,213	35,644,774	39,375,071	42,901,940	44,989,791	3,236,877	3,548,743	3,855,090	4,284,040	4,707,039	4,970,239
Private	24,745,709	28,094,438	31,351,688	34,629,738	37,697,176	39,311,370	2,706,767	2,990,888	3,256,654	3,649,782	4,012,059	4,211,164
Agricultural services, forestry, fisheries, and other[7]	84,181*	103,219	115,308	135,708*	146,531*	167,468*	17,884	(D)	(D)	(D)	(D)	40,509
Agricultural services	81,286*	101,557	113,548	138,110*	151,016*	163,180*	10,390	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	2,400*	1,662	1,760	(D)	(D)	2,048*	7,494	(D)	(D)	(D)	(D)	(D)
Mining	61,401*	86,265	52,454	(D)	(D)	64,229*	7,907	10,879	4,526	5,229	7,170	7,188
Coal mining	228	(D)	(D)	(D)	(D)	(D)	66	(D)	(D)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	6,594	9,285	(D)	(D)	(D)	(D)
Metal mining	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	849*	1,080*	(D)	(D)	(D)	(D)
Construction	1,874,515	2,211,954	2,540,474	2,654,808	2,804,296	2,687,779	277,979	(D)	(D)	(D)	(D)	(D)
Manufacturing	4,379,198	4,821,584	5,322,294	5,655,153	5,841,551	5,678,911	179,795	183,368	202,659	216,671	249,608	241,643
Nondurable goods	1,882,947	2,004,843	2,227,530	2,391,812	2,585,088	2,640,442	97,644	98,749	106,005	111,002	121,407	126,150
Food and kindred products	474,446*	503,930*	565,918*	615,187*	643,084*	644,407*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	171,366*	173,732*	(D)	(D)	(D)	10,036*	10,150*	9,919*	10,524*	9,997*	9,419*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	460,456*	511,973*	586,945*	619,453*	699,084*	702,084*	17,982	19,719	20,584	22,788	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	14,033*	11,731*	13,732*	17,221	17,802	19,215*	0	0	0	0	0	1,682
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	131,631*	158,900*	184,954*	193,130*	(D)	23,773*	23,017*	23,368*	25,446*	24,559*	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	2,496,251	2,816,741	3,094,764	3,263,341	3,256,463	3,038,469	82,151	84,619	96,654	105,669	128,201	115,493
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	86,721*	1,771*	2,556*	2,467*	1,548*	2,642	2,419
Furniture and fixtures	79,467*	(D)	(D)	(D)	(D)	83,648*	1,215*	2,171*	2,208*	2,230	2,792	2,711
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,062	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,556*	2,990*	2,972*	3,873*	5,797*	6,199*
Machinery, except electrical	(D)	253,793*	(D)	(D)	(D)	297,351*	5,459*	6,169*	8,204	6,683	8,222	13,579
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	526,164*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	15,649*	17,644*	21,776*	27,493	42,140	28,409
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	45,261*	50,632*	53,098*	56,614*	52,441*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	191	253*	(D)	985*	(D)	(D)
Miscellaneous manufacturing industries	41,353*	47,115*	55,105*	58,452*	67,319*	66,468*	3,026	2,545	2,675	3,140	3,055	3,032
Transportation and public utilities	3,459,163	3,784,083	4,100,817	4,586,374	4,870,755	4,982,731	178,862	(D)	(D)	(D)	(D)	(D)
Railroad transportation	169,295*	173,511	171,478	171,491	176,384	174,684	1,237	1,563	2,310	4,711	6,857	9,073
Trucking and warehousing	704,808*	741,639*	808,471*	888,810	971,540	991,777	20,481	(D)	(D)	(D)	(D)	(D)
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	3,751	4,678	5,826	6,861	5,677	5,803
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	31,375	(D)	(D)	(D)	(D)	(D)
Communication	(D)	983,237*	1,067,869*	1,275,539*	1,368,302*	1,465,990*	46,083	45,705	46,208	47,512	52,108	54,960
Electric, gas, and sanitary services	333,331*	368,266*	(D)	461,869*	524,857*	544,653*	75,935	83,007	87,948	93,150	100,006	104,545
Wholesale trade	3,768,839*	4,320,269	4,586,044	4,953,884	5,594,201	5,966,941	92,942	93,101	104,144	120,261	138,318	147,265
Retail trade	3,021,896	3,406,745	3,692,303	4,043,597	4,373,797	4,516,506	389,476	420,914	449,336	488,238	555,231	566,135
Finance, insurance, and real estate	2,182,784	2,555,213	3,021,426	3,532,457	3,809,992	3,951,906	124,624	137,078	142,518	184,124	176,993	167,425
Banking and credit agencies	638,585*	763,912*	902,407*	1,014,744*	1,054,798*	(D)	(D)	48,490	51,487	58,457	(D)	55,838
Other finance, insurance, and real estate[9]	1,519,355*	1,771,283*	2,091,844*	2,478,939*	2,640,880*	(D)	(D)	88,588	91,031	125,667	(D)	111,587
Services	5,892,078	6,805,106	7,920,568	9,002,495	10,171,775	11,282,877	1,437,298	1,474,864*	1,587,249*	1,765,987*	1,943,726*	(D)
Hotels and other lodging places	(D)	(D)	(D)	352,026*	372,994*	378,951*	950,605	1,072,852	1,115,595	1,226,759	1,299,259	1,366,192
Personal services	225,573*	273,804*	311,698*	341,130*	392,830*	436,616*	(D)	(D)	(D)	(D)	46,690	52,364
Private households	134,979	138,000	139,891	142,180	152,312	161,281	9,522	9,583	9,591	9,603	10,167	(D)
Business services	1,460,389	1,710,574	2,002,996	2,308,916*	2,686,867*	3,057,289*	72,441	(D)	(D)	(D)	(D)	(D)
Auto repair, services, and garages	247,199	287,661	325,043	357,781	375,841	408,275	23,323	25,494	28,028	28,938	34,462	37,221
Miscellaneous repair services	106,783	102,919	123,175*	140,384	(D)	148,872*	(D)	(D)	(D)	(D)	13,163	13,707
Amusement and recreation services	112,078*	128,089*	153,611*	176,973*	210,875	232,824	45,730	55,995	76,361	87,169	99,216	105,563
Motion pictures	33,850*	42,071*	47,367*	53,492*	63,113*	74,495*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,305,439	1,487,587	1,693,607	2,015,857	2,316,751	2,562,577	177,654	196,829	224,908	252,326	297,361	331,317
Legal services	552,315	635,243	762,281	855,727	981,971	1,074,283	42,871	51,267	55,012	61,191	72,040	79,290
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	6,694	6,912	6,744	8,058	8,878	9,892
Social services	96,001	109,071	129,458	143,959	167,687*	192,409	15,160	16,215	17,670	18,565	23,428	26,130
Museums, botanical, zoological gardens	381	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	208,027	227,119	242,506	264,199	295,299	312,671	21,022	22,798	26,315	29,798	35,620	38,380
Miscellaneous services	913,125	1,102,426	1,357,030	1,500,333	1,588,274	1,757,370	30,799	34,535	42,047	47,690	53,610	62,810
Government and government enterprises	3,612,256	3,969,775	4,293,086	4,745,333	5,204,764	5,678,421	530,110	557,855	598,436	634,258	694,980	759,075
Federal, civilian	1,017,811	1,106,369	1,121,766	1,218,194	1,347,163	1,427,693	91,699	95,261	90,374	94,414	102,622	110,591
Military	215,204	235,638	259,688	274,423	284,288	293,746	42,318	40,466	40,575	33,180	33,339	32,865
State and local	2,379,241	2,627,768	2,911,632	3,252,716	3,573,313	3,956,982	396,093	422,128	467,487	506,664	559,019	615,619

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Augusta, GA—SC (MSA)						Aurora—Elgin, IL (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,068,417**	**4,477,548**	**4,849,629**	**5,076,942**	**5,461,409**	**5,998,803**	**4,682,773**	**5,039,798**	**5,447,639**	**6,003,067**	**6,595,426**	**7,102,268**
Nonfarm personal income	4,050,818	4,459,498	4,832,409	5,053,192	5,430,095	5,963,411	4,656,022	5,013,413	5,418,551	5,976,468	6,564,554	7,053,879
Farm income[4]	17,599	18,050	17,220	23,750	31,314	35,392	26,751	26,385	29,088	26,599	30,872	48,389
Population (thousands)[2]	370.2	380.1	389.2	392.3	396.4	400.7	330.4	336.0	339.6	346.6	355.4	362.6
Per capita personal income (dollars)	**10,991**	**11,781**	**12,461**	**12,943**	**13,777**	**14,970**	**14,171**	**15,000**	**16,044**	**17,321**	**18,560**	**19,587**
Derivation of total personal income:												
Total earnings by place of work	3,037,910	3,367,723	3,624,866	3,946,610	4,284,464	4,788,110	2,926,595	3,032,355	3,194,105	3,522,359	3,955,888	4,104,777
Less: Personal contributions for social insurance[3]	166,337	193,498	210,997	223,224	250,699	288,458	177,168	193,474	208,745	225,792	263,379	281,658
Plus: Adjustment for residence	71,125	69,068	88,412	−56,355	−101,159	−201,333	722,309	931,714	1,120,464	1,299,055	1,389,954	1,563,277
Equals: Net earnings by place of residence	2,942,698	3,243,293	3,502,281	3,667,031	3,932,606	4,298,319	3,471,736	3,770,595	4,105,824	4,595,622	5,082,463	5,386,396
Plus: Dividends, interest, and rent[5]	479,283	526,144	583,266	592,112	655,532	752,810	740,282	760,408	806,827	846,322	918,803	1,052,495
Plus: Transfer payments	646,436	708,111	764,082	817,799	873,271	947,674	470,755	508,795	534,988	561,123	594,160	663,377
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,609,077	2,890,911	3,092,911	3,350,495	3,619,513	4,041,354	2,388,086	2,466,628	2,580,722	2,831,799	3,189,068	3,280,648
Other labor income	238,457	257,785	277,192	299,447	330,013	384,556	242,669	242,918	256,167	278,537	310,779	325,212
Proprietors' income[6]	190,376	219,027	254,763	296,668	334,938	362,200	295,840	322,809	357,216	412,023	456,041	498,917
Farm	14,853	15,354	14,571	20,966	28,529	32,580	19,010	18,622	21,374	18,454	22,727	40,103
Nonfarm	175,523	203,673	240,192	275,702	306,409	329,620	276,830	304,187	335,842	393,569	433,314	458,814
Earnings by industry:												
Farm	17,599	18,050	17,220	23,750	31,314	35,392	26,751	26,385	29,088	26,599	30,872	48,389
Nonfarm	3,020,311	3,349,673	3,607,646	3,922,860	4,253,150	4,752,718	2,899,844	3,005,970	3,165,017	3,495,760	3,925,016	4,056,388
Private	2,205,081	2,516,417	2,735,187	2,994,038	3,268,207	3,714,787	2,626,214	2,717,197	2,854,093	3,155,624	3,556,756	3,650,607
Agricultural services, forestry, fisheries, and other[7]	(D)	18,385*	12,545*	16,956*	15,650*	14,353*	14,201	16,274	15,688*	19,571	21,212	23,668
Agricultural services	(D)	(D)	(D)	14,376	14,363*	13,843	(D)	(D)	(D)	18,748	20,244	(D)
Forestry, fisheries, and other[7]	(D)	(D)	(D)	3,327*	1,290	1,214*	(D)	(D)	(D)	823	968	(D)
Mining	14,814*	16,380*	(D)	(D)	(D)	(D)	8,427	10,909	5,935*	7,347	9,652	10,347
Coal mining	0	0	0	0	0	0	234	245	295	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,759	7,862	2,527	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,434	2,802	3,385*	3,859	4,862	5,345
Construction	214,563	241,857	260,266	297,246	371,710	491,891	159,439	185,578	235,467	284,796	337,081	368,072
Manufacturing	918,590	993,596	1,041,757	1,091,399	1,180,963	1,403,317	1,044,391	1,074,433	1,051,739	1,091,640	1,191,342	1,249,455
Nondurable goods	700,126	762,310	803,019	835,638*	906,057*	1,131,582	232,091	246,141	274,171	291,861	333,539*	355,760*
Food and kindred products	37,272*	39,327*	45,356*	47,629*	51,161*	51,956*	46,367*	43,776*	44,055*	47,675*	54,070*	53,219*
Textile mill products	119,024*	112,554*	114,486*	119,484*	109,469*	113,915*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	10,951	10,314	10,042	9,794	8,941	9,035
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	19,344	21,556	24,540	24,584	26,973	29,015
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	58,557*	64,657*	77,628*	86,287	102,080*	127,691*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	39,501*	42,902*	47,432*	56,268*	54,648*	53,595*
Petroleum and coal products	0	0	0	0	0	0	817	859	1,071	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	0	0	0
Durable goods	218,464	231,286	238,738	(D)	(D)	271,735	812,300	828,292	777,568	799,779	(D)	(D)
Lumber and wood products	21,958	22,980	24,694	26,492	27,324	24,731	10,096	11,610	14,588*	15,411*	17,591*	22,673*
Furniture and fixtures	(D)	(D)	(D)	(D)	1,513	(D)	93,066	93,897*	92,094	90,141	97,886	101,515*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	40,031*	37,433	43,988	45,536	55,047	50,771
Fabricated metal products	11,392*	(D)	(D)	(D)	(D)	20,861*	127,382	137,678	123,550	128,372	107,967	111,220
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	340,206
Electric and electronic equipment	(D)	5,389*	5,273*	5,709	(D)	(D)	(D)	(D)	141,423*	118,411*	127,757*	125,451*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,830
Motor vehicles and equipment	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	19,783*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	27,069*	27,313*	33,006*	33,786*	38,044*	34,744*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	30,556	32,521*	29,763	26,145*	34,947*	42,137*
Miscellaneous manufacturing industries	(D)	(D)	(D)	1,759*	1,166*	732*	14,191*	14,629*	15,139*	17,628*	17,372*	18,497*
Transportation and public utilities	129,916	145,376	155,562	165,251	171,349	164,600	114,846	112,700	112,201	119,291	127,146	137,288
Railroad transportation	13,790	12,578	12,688	12,478	15,941	18,171	18,579	15,483	14,099	13,075	(D)	(D)
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	54,464	52,735	47,091*	56,755	60,438	70,177
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,887	11,509*	12,088*	15,787
Communication	39,283*	45,756*	46,814*	51,203*	56,455*	40,663*	28,142	28,391	28,470	30,056	(D)	(D)
Electric, gas, and sanitary services	22,157*	25,738*	32,666*	34,072	34,734	39,232	(D)	(D)	(D)	(D)	(D)	7,303
Wholesale trade	98,907	108,101	115,512	120,879	129,932	150,982	314,524	263,955	284,018	309,427	334,516	279,532
Retail trade	286,145	319,191	348,198	377,011	400,619	414,661	306,642	327,698	345,248	388,514	435,613	428,275
Finance, insurance, and real estate	97,384	109,726	129,425	153,235	155,134	154,207	120,854	129,267	143,657	199,075	236,738	210,888
Banking and credit agencies	42,952*	46,664*	(D)	(D)	65,861	63,358	40,514*	44,038*	47,498*	66,818*	95,399*	111,607*
Other finance, insurance, and real estate[9]	51,041*	(D)	(D)	(D)	89,273	90,849	76,744*	81,725*	91,772*	126,165*	135,868*	93,957*
Services	433,085	561,074	655,672	754,964	824,640	900,503	542,890	596,383	658,572	735,963	863,456	943,082
Hotels and other lodging places	8,115*	10,559*	9,409*	11,598*	11,093*	11,503*	9,580*	9,673*	10,033*	(D)	11,497*	11,840*
Personal services	20,879	25,701	28,663	29,751	33,207	38,093	34,797	41,296	43,366	44,926	52,487	57,570
Private households	18,524	18,876	19,096	19,367	20,700	21,895	8,671	8,678	8,624	8,470	8,943	9,370
Business services	76,879	94,586	120,685	139,890	139,672	164,808	99,109	124,057	144,665	176,871	197,709	229,041
Auto repair, services, and garages	23,061	25,424	28,868	31,551	36,778	33,687	25,233	28,318	33,770	36,786	38,228	42,762
Miscellaneous repair services	7,004	6,781	7,915	8,979	10,251	10,676	11,436	10,374	12,588	12,359	46,459	55,314
Amusement and recreation services	7,763*	8,760	10,855	13,238	14,240	16,749	8,165	9,482	11,597	12,249	12,876	14,517
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,780	1,838	1,557	(D)	1,630	1,886
Health services	(D)	243,779	274,979	326,627	364,409	394,106	218,510	226,308	236,635	261,995	300,147	312,881
Legal services	(D)	29,671	33,973	39,393	46,111	46,139	29,009	31,190	34,766	38,887	43,987	47,525
Educational services	11,347*	(D)	(D)	(D)	(D)	(D)	15,865	17,305	18,457	20,542	22,404	18,890
Social services	10,175	10,392	12,031	13,938	14,810	16,519	15,994*	19,048*	21,159*	22,569*	24,665*	26,182*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	20,361	21,125	21,018	22,513	24,299	25,197	30,211	33,512	37,223	39,923	45,220	47,435
Miscellaneous services	43,310	49,908	70,134	78,092	87,500	98,952	34,337	35,037	43,877	47,514	57,047	67,642
Government and government enterprises	815,230	833,256	872,459	928,822	984,943	1,037,931	273,630	288,773	310,924	340,136	368,260	405,781
Federal, civilian	174,238	206,620	204,385	218,394	232,777	239,528	49,326	51,621	56,519	63,813	69,868	76,557
Military	224,279	227,451	230,270	230,640	226,513	232,281	4,045	4,569	5,003	5,607	5,953	6,213
State and local	416,713	399,185	437,804	479,788	525,653	566,122	220,259	232,583	249,402	270,716	292,439	323,011

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Austin, TX (MSA)						Bakersfield, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,952,056**	**10,167,889**	**10,637,121**	**10,867,168**	**11,466,021**	**12,348,554**	**5,723,149**	**6,224,135**	**6,579,013**	**6,877,657**	**7,505,365**	**7,948,480**
Nonfarm personal income	8,924,589	10,129,137	10,599,017	10,813,247	11,412,988	12,303,328	5,273,951	5,735,683	6,046,866	6,273,806	6,878,543	7,394,691
Farm income[1]	27,467	38,752	38,104	53,921	53,033	45,226	449,198	488,452	532,147	603,851	626,822	553,789
Population (thousands)[2]	650.2	697.6	731.2	745.9	748.5	766.4	463.6	479.6	492.6	505.8	520.0	535.1
Per capita personal income (dollars)	**13,769**	**14,575**	**14,548**	**14,568**	**15,319**	**16,113**	**12,345**	**12,978**	**13,355**	**13,599**	**14,433**	**14,856**
Derivation of total personal income:												
Total earnings by place of work	7,283,184	8,338,034	8,691,389	8,846,429	9,264,111	9,808,778	4,453,988	4,844,763	5,107,597	5,343,213	5,827,897	6,045,593
Less: Personal contributions for social insurance[3]	381,324	456,818	484,472	494,068	523,945	571,728	233,640	265,882	283,304	293,115	332,933	364,875
Plus: Adjustment for residence	−217,818	−276,209	−294,846	−283,505	−297,798	−309,278	−157,646	−163,537	−170,965	−165,687	−191,174	−186,522
Equals: Net earnings by place of residence	6,684,042	7,605,007	7,912,071	8,068,856	8,442,368	8,927,772	4,062,702	4,415,344	4,653,328	4,884,411	5,303,790	5,494,196
Plus: Dividends, interest, and rent[5]	1,377,212	1,572,100	1,628,951	1,608,187	1,752,370	2,015,930	749,581	795,888	820,371	821,907	916,089	1,066,384
Plus: Transfer payments	890,802	990,782	1,096,099	1,190,125	1,271,283	1,404,852	910,866	1,012,903	1,105,314	1,171,339	1,285,486	1,387,900
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,030,207	6,907,695	7,155,859	7,241,622	7,550,682	7,971,627	3,305,716	3,607,429	3,756,745	3,867,545	4,221,358	4,447,358
Other labor income	518,385	567,734	608,534	606,757	648,787	701,492	326,790	333,184	347,503	358,315	398,151	425,712
Proprietors' income[6]	734,592	862,605	926,996	998,050	1,064,642	1,135,659	821,482	904,150	1,003,349	1,117,353	1,208,388	1,172,523
Farm	24,293	35,674	35,113	50,817	49,980	42,202	307,104	357,371	408,907	473,556	493,390	415,509
Nonfarm	710,299	826,931	891,883	947,233	1,014,662	1,093,457	514,378	546,779	594,442	643,797	714,998	757,014
Earnings by industry:												
Farm	27,467	38,752	38,104	53,921	53,033	45,226	449,198	488,452	532,147	603,851	626,822	553,789
Nonfarm	7,255,717	8,299,282	8,653,285	8,792,508	9,211,078	9,763,552	4,004,790	4,356,311	4,575,450	4,739,362	5,201,075	5,491,804
Private	5,392,020	6,253,616	6,519,360	6,498,197	6,770,267	7,167,912	3,111,132	3,361,063	3,504,858	3,613,447	3,963,613	4,153,398
Agricultural services, forestry, fisheries, and other[7]	21,728	27,593	28,267	30,192	30,481	32,412	156,439	169,255	172,944	202,571	220,680	208,105
Agricultural services	21,549	27,321	27,967	29,962	30,213	32,144	155,916	168,808	172,462	202,181	220,208	207,502
Forestry, fisheries, and other[7]	179	272	300	230	268	268	523	447	482	390	472	603
Mining	64,107	70,955	65,604	51,693	54,671	60,572	553,535	605,055	514,397	474,714	550,965	539,031
Coal mining	69	68*	74	(L)	(L)	(L)	165	192	131	(L)	65	95
Oil and gas extraction	46,997*	56,182	(D)	39,024	39,244*	46,330*	514,511	(D)	(D)	433,256	508,461	493,208
Metal mining	(L)	(D)	(L)	(L)	(L)	(L)	(D)	135	731	(D)	(D)	(D)
Nonmetallic minerals, except fuels	14,024*	14,707	(D)	12,614	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	731,547	824,968	742,647	575,324	535,495	478,405	348,022	392,455	457,449	459,261	505,920	531,662
Manufacturing	1,023,763	1,152,261	1,197,882	1,233,390	1,379,250	1,538,374	310,844	298,150	306,040	323,254	364,100	379,342
Nondurable goods	172,003	200,217	218,104	229,155	248,917	271,466	152,548	130,552	132,801	132,655	150,200	147,210
Food and kindred products	35,336	38,554	36,977	39,100	39,506	42,374	36,107	38,084	35,940	33,709	48,292	49,234
Textile mill products	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,096
Apparel and other textile products	3,426	3,165	3,008	3,213	4,013	4,642*	1,390	(D)	2,446	2,542	2,664	3,083
Paper and allied products	1,321	1,506	1,566*	1,554*	1,821*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	90,334	103,206	108,705	109,417	122,831	127,819	17,598	18,857	20,348	21,715	23,189	23,902
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	74,692*	14,944	9,924	10,907	13,540	13,967	15,389
Petroleum and coal products	2,290	2,666	2,684	2,846	3,477	3,579	66,563	40,740	40,295	37,584	37,234	34,611
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	6,041*	7,226*	6,055*	9,594*	10,380*	(D)	14,140	14,578	14,551	15,141	15,316	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Durable goods	851,760	952,044	979,778	1,004,235	1,130,333	1,266,908	158,296	167,598	173,239	190,599	213,900	232,132
Lumber and wood products	39,665*	37,845	(D)	(D)	(D)	35,684	5,085	7,466	7,019	9,524	7,391	8,754
Furniture and fixtures	20,355*	14,884*	14,556*	14,370*	10,210*	10,668*	(D)	984	762	957	1,480	1,854
Primary metal industries	(D)	(D)	(D)	3,206*	4,589*	6,737*	8,434	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	43,476	61,419	64,895	54,269	32,331	35,348	14,022	14,709	13,599	12,767	12,677	18,451
Machinery, except electrical	335,375	370,735	381,449*	389,685*	449,137*	519,279*	32,878	35,012	30,549	29,635	31,311	33,180
Electric and electronic equipment	260,028	295,498*	309,583*	343,345*	397,554*	459,866	1,146	1,964	2,043	2,135	(D)	1,202
Transportation equip. excl. motor vehicles	(D)	2,709*	2,362*	1,664	(D)	(D)	55,376	65,027	78,396	88,112	109,833	112,786
Motor vehicles and equipment	481	(D)	(D)	(D)	(D)	(D)	2,177	2,578	2,306	2,498	2,846	2,965
Stone, clay, and glass products	(D)	56,551	52,686	45,387	42,063	35,951	35,151	32,066	33,625	40,595	42,442	47,361
Instruments and related products	60,931*	70,337	76,470	79,700	110,769	107,381*	(D)	(D)	(D)	(D)	2,886	(D)
Miscellaneous manufacturing industries	26,706	29,942	30,221	31,561	32,355*	41,186	808	855	911	1,242	1,553	1,714
Transportation and public utilities	275,273	322,532	347,669	354,690	363,352	391,281	280,770	304,687	312,585	312,560	323,867	343,043
Railroad transportation	(D)	7,876	(D)	4,246	4,502	4,950	39,081	37,349	35,043	33,079	34,138	36,314
Trucking and warehousing	66,159	71,003	76,992	76,345	76,624	80,066	109,339	113,712	119,617	119,347	121,573	128,760
Water transportation	239	324	343	421*	527	692	(D)	(D)	(D)	(D)	(D)	225
Other transportation[8]	42,252*	48,982	59,264*	67,399*	67,804	(D)	(D)	(D)	(D)	(D)	(D)	28,635
Communication	129,537*	167,150	173,239	179,007	187,969	205,959	65,108	70,931	75,236	78,019	87,120	84,948
Electric, gas, and sanitary services	(D)	27,197	29,846	25,319	25,926	(D)	45,960	55,912	55,916	56,577	60,395	64,161
Wholesale trade	362,672	403,277	424,583	417,430	437,005	456,075	209,774	241,138	257,583	222,233	233,119	261,538
Retail trade	776,763	878,457	889,455	862,501	882,701	917,645	429,071	448,424	465,693	473,377	518,443	540,935
Finance, insurance, and real estate	511,254	611,733	682,278	691,409	673,404	661,356	121,486	131,577	146,285	171,455	179,612	190,856
Banking and credit agencies	168,322	204,099	223,361	224,926	210,876	207,920	59,452	61,542	65,825	72,647	74,510	77,205
Other finance, insurance, and real estate[9]	342,932	407,634	458,917	466,483	462,528	453,436	62,034	70,035	80,460	98,808	105,102	113,651
Services	1,624,913	1,961,840	2,140,975	2,281,568	2,413,908	2,631,792	701,191	770,322	871,882	974,022	1,066,907	1,158,886
Hotels and other lodging places	55,856	67,807	71,434	78,274	74,228	76,013	14,283	14,317	15,034	15,385	18,167	18,371
Personal services	78,412	103,403	101,029*	106,575*	(D)	(D)	29,934	35,836	40,107	40,276	44,686	51,324
Private households	(D)	(D)	(D)	(D)	(D)	26,014	11,122	11,359	11,566	11,784	12,684	13,566
Business services	398,862	524,138	555,155	588,022	625,679	696,636	146,756	169,445	191,677	236,282	254,402	281,412
Auto repair, services, and garages	64,264	78,490	83,714	84,537	82,386	89,167	50,900	54,541	62,856	64,820	68,880	72,162
Miscellaneous repair services	25,785	26,973	27,767	31,479	32,533	36,924	39,761	36,716	40,327	41,487	42,590	44,308
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	13,859	11,734	12,734	14,829	16,519	15,634
Motion pictures	5,260*	7,992*	10,936*	12,746*	13,050*	16,001*	2,117	2,261	2,268	2,340	2,825	3,072
Health services	340,291	385,919	419,381	481,908	551,260	616,927	223,624	241,930	272,118	310,258	339,238	357,421
Legal services	154,700	186,690	217,995	245,067	280,303	312,891	30,998	36,227	44,369	47,826	57,920	60,344
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	8,110	8,414	8,240	10,047	12,806	13,297
Social services	56,491	69,177	76,385	83,347	74,984	80,272	12,442	13,599	15,289	16,773	21,097	26,227
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	824	(L)	76	128	155	169	327
Membership organizations	83,658	92,880	112,646	123,075	137,140	149,921	32,767	35,600	38,104	40,682	44,831	47,440
Miscellaneous services	288,574	340,965	366,984	343,265	311,565	303,032	84,479	98,267	117,065	121,078	130,093	153,981
Government and government enterprises	1,863,697	2,045,666	2,133,925	2,294,311	2,440,811	2,595,640	893,658	995,248	1,070,592	1,125,915	1,237,462	1,338,406
Federal, civilian	225,280	264,561	269,627	290,912	323,184	334,451	302,111	331,601	338,262	345,073	379,203	410,775
Military	118,915	121,128	130,957	139,102	138,370	137,379	108,515	122,388	126,782	134,317	138,979	146,072
State and local	1,519,502	1,659,977	1,733,341	1,864,297	1,979,257	2,123,810	483,032	541,259	605,548	646,525	719,280	781,559

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Baltimore, MD (MSA)						Bangor, ME (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**32,567,477**	**35,203,903**	**37,783,698**	**40,899,096**	**44,554,886**	**47,996,339**	**1,477,206**	**1,552,204**	**1,650,826**	**1,810,866**	**1,993,568**	**2,176,909**
Nonfarm personal income	32,475,624	35,116,164	37,694,305	40,792,002	44,442,232	47,889,343	1,467,736	1,546,145	1,644,038	1,801,951	1,985,808	2,166,138
Farm income[1]	91,853	87,739	89,393	107,094	112,654	106,996	9,470	6,059	6,788	8,915	7,760	10,771
Population (thousands)[2]	2,238.1	2,251.6	2,284.7	2,310.6	2,342.5	2,368.2	138.4	137.8	138.5	139.4	141.4	142.9
Per capita personal income (dollars)	**14,551**	**15,635**	**16,538**	**17,700**	**19,021**	**20,267**	**10,673**	**11,262**	**11,923**	**12,989**	**14,102**	**15,239**
Derivation of total personal income:												
Total earnings by place of work	22,794,176	24,647,769	26,410,074	28,935,085	31,561,381	33,506,979	1,121,947	1,180,331	1,250,970	1,388,557	1,534,111	1,648,638
Less: Personal contributions for social insurance[3]	1,387,693	1,603,951	1,704,099	1,824,885	2,055,480	2,242,614	61,293	67,913	69,568	74,790	85,689	95,008
Plus: Adjustment for residence	1,574,849	1,846,194	2,062,222	2,373,702	2,598,302	2,812,760	−43,178	−45,330	−45,215	−51,110	−55,055	−58,786
Equals: Net earnings by place of residence	22,981,332	24,890,012	26,768,197	29,483,902	32,104,203	34,077,125	1,017,476	1,067,088	1,136,187	1,262,657	1,393,367	1,494,844
Plus: Dividends, interest, and rent[5]	4,871,826	5,295,355	5,628,653	5,834,220	6,462,318	7,466,387	185,124	197,472	211,874	234,473	261,743	308,576
Plus: Transfer payments	4,714,319	5,018,536	5,386,848	5,580,974	5,988,365	6,452,827	274,606	287,644	302,765	313,736	338,458	373,489
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	19,374,380	20,951,915	22,420,241	24,470,599	26,687,381	28,263,436	907,083	960,105	1,012,073	1,114,297	1,228,825	1,315,471
Other labor income	1,852,244	1,896,853	2,003,846	2,135,196	2,277,595	2,463,019	107,817	108,957	113,589	123,198	136,220	146,982
Proprietors' income[6]	1,567,552	1,799,001	1,985,987	2,329,290	2,596,405	2,780,524	107,047	111,269	125,308	151,062	169,066	186,185
Farm	70,945	67,397	69,419	86,346	92,174	86,483	6,976	3,585	4,370	6,370	5,183	8,132
Nonfarm	1,496,607	1,731,604	1,916,568	2,242,944	2,504,231	2,694,041	100,071	107,684	120,938	144,692	163,883	178,053
Earnings by industry:												
Farm	91,853	87,739	89,393	107,094	112,654	106,996	9,470	6,059	6,788	8,915	7,760	10,771
Nonfarm	22,702,323	24,560,030	26,320,681	28,827,991	31,448,727	33,399,983	1,112,477	1,174,272	1,244,182	1,379,642	1,526,351	1,637,867
Private	17,648,183	19,291,550	20,743,738	22,867,448	25,000,301	26,529,595	916,879	964,653	1,019,502	1,131,113	1,251,087	1,331,743
Agricultural services, forestry, fisheries, and other[7]	75,379	89,273	105,364	139,791	155,157	165,980	8,178	7,451	5,656	7,083	7,271	8,316
Agricultural services	71,896	80,977	92,803	128,111	140,414	151,185	1,650	1,758	1,857	2,828	3,089	3,515
Forestry, fisheries, and other[7]	3,483	8,296	12,561	11,680	14,743	14,795	6,528	5,693	3,799	4,255	4,182	4,801
Mining	44,920	65,795	23,802	26,578	38,187	40,648	2,483	3,045	1,515	1,801	3,083	1,520
Coal mining	(D)	(D)	(D)	(D)	(D)	290*	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,891	2,575	673	649	1,020	1,085
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,446,996	1,676,876	1,934,632	2,247,518	2,496,165	2,586,629	56,713	69,473	76,365	94,549	107,561	110,578
Manufacturing	4,055,598	4,208,156	4,173,349	4,262,674	4,493,750	4,614,094	330,809	328,950	334,696	348,082	368,054	371,186
Nondurable goods	1,377,113	1,429,353	1,504,801	1,545,873	1,642,922	1,705,831	261,523	255,341	255,880	259,255	263,364	264,988
Food and kindred products	320,635*	332,592*	338,860*	352,888	368,553	383,580	9,204	6,990	8,044	8,712	9,808	10,040
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	19,542	19,178	20,856	20,749	16,010	14,237
Apparel and other textile products	138,444*	122,822*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	166,895	168,079	168,879	167,927	166,436	171,106
Printing and publishing	322,524*	344,796*	360,952*	375,313*	401,865*	429,936*	10,539	11,596	12,783	13,863	14,909	16,717
Chemicals and allied products	(D)	(D)	336,295*	359,120*	390,864*	403,363*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	24,474*	25,271*	27,358*	28,245*	32,860*	30,619*	3,432	3,175	3,581	3,858	4,748	6,029
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	49,594	44,089	39,440	41,749	48,874	44,104
Durable goods	2,678,485	2,778,803	2,668,548	2,716,801	2,850,828	2,908,263	69,286	73,609	78,816	88,827	104,690	106,198
Lumber and wood products	21,777*	(D)	24,779*	29,902*	35,367	38,475	41,832	46,319	48,659	53,292	56,814	54,605
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	385	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	164,526*	160,166*	(D)	175,713*	181,411*	183,200*	1,595	1,650	855	1,088	1,300	1,513
Machinery, except electrical	(D)	(D)	(D)	268,729	328,781	341,151	10,657	12,364	13,522	15,063	20,807	22,347
Electric and electronic equipment	(D)	(D)	(D)	1,014,045*	(D)	(D)	10,596	8,028	9,199	10,004	11,207	10,983
Transportation equip. excl. motor vehicles	209,823	209,199	203,435*	256,398*	275,418*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	151,014*	150,685*	132,371*	136,679*	171,290*	178,343*	2,166	2,741	3,623	4,026	5,734	6,155
Instruments and related products	(D)	33,798*	(D)	(D)	(D)	(D)	0	(D)	0	0	0	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	142	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	1,782,205	1,863,700	1,781,061	1,815,628	1,948,392	2,061,226	98,358	100,226	97,325	106,278	112,043	124,443
Railroad transportation	172,582	179,395	155,915	138,262	129,338*	123,079	15,973	15,292	6,516	5,251	5,357	5,537
Trucking and warehousing	315,361	329,084	357,423	375,823	409,191	420,021	32,425	31,981	35,118	43,680	48,387	53,358
Water transportation	131,903*	129,728*	124,787*	119,016*	112,493*	108,576*	(L)	(L)	(L)	(L)	0	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	29,954	31,102	31,438	29,209	24,384	24,503
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,537,941	1,658,558	1,784,501	1,912,566	2,093,138	2,238,230	54,489	61,145	67,167	76,319	85,223	95,259
Retail trade	2,239,851	2,409,699	2,609,412	2,883,235	3,102,564	3,283,363	124,297	133,819	147,752	161,678	185,568	197,323
Finance, insurance, and real estate	1,501,372	1,710,050	1,975,137	2,367,475	2,493,569	2,582,502	33,154	35,836	41,128	51,901	54,132	54,725
Banking and credit agencies	507,985	587,551	667,651	741,610*	782,048*	810,566*	17,268	18,368	21,179	21,849	25,604	(D)
Other finance, insurance, and real estate[9]	993,387	1,122,499	1,307,486	1,619,528*	1,676,226*	1,687,970*	15,886	17,468	19,949	30,052	28,528	(D)
Services	4,963,921	5,609,443	6,356,480	7,211,983	8,179,379	8,956,923	208,398	224,708	247,898	283,422	328,152	368,393
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	8,533	9,014	10,186	11,280	11,877	13,013
Personal services	201,936	232,471*	256,564*	274,798*	329,903*	372,202	8,154	10,722	11,184	11,801	14,390	16,587
Private households	96,841	97,786	98,558	99,586	106,833	113,102	2,977	2,996	2,992	3,014	3,218	3,398
Business services	934,247	1,112,674	1,304,380	1,645,584	1,895,112	2,048,784	15,575	15,489	18,396	23,210	29,295	30,449
Auto repair, services, and garages	(D)	(D)	(D)	(D)	(D)	(D)	9,372	10,925	11,460	13,827	15,151	17,619
Miscellaneous repair services	98,883*	(D)	115,286*	115,839*	(D)	149,602*	4,664	4,075	4,849	4,652	5,608	6,930
Amusement and recreation services	113,780	127,122	144,416	164,628	173,688	195,032	1,529	1,983	2,185	2,495	3,026	3,460
Motion pictures	14,380*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,637,077	1,791,334	1,943,366	2,248,788	2,566,269	2,876,707	101,785	108,543	118,899	136,228	157,421	175,179
Legal services	382,487	436,436	509,858	556,142	679,032	708,785	13,852	16,003	17,774	19,383	22,994	25,823
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	6,306	6,640	6,711	7,014	7,424	8,482
Social services	136,427	154,991	165,785	172,241	180,571	213,955	9,873	11,308	12,664	13,719	14,530	17,720
Museums, botanical, zoological gardens	1,333*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	180,693	180,092	198,996	226,184	252,581	267,765	8,340	8,359	8,906	9,742	11,153	12,124
Miscellaneous services	573,613	656,473	801,021	772,334	803,108	900,364	15,842	15,865	20,684	25,883	30,962	36,683
Government and government enterprises	5,054,140	5,268,480	5,576,943	5,960,543	6,448,426	6,870,388	195,598	209,619	224,680	248,529	275,264	306,124
Federal, civilian	1,995,754	2,003,417	1,994,012	2,113,450	2,293,282	2,377,727	28,129	30,324	31,471	34,761	38,239	40,168
Military	431,757	460,556	521,772	538,225	538,509	550,306	4,038	4,681	5,991	8,074	8,820	10,757
State and local	2,626,629	2,804,507	3,061,159	3,308,868	3,616,635	3,942,355	163,431	174,614	187,218	205,694	228,205	255,199

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Baton Rouge, LA (MSA)						Battle Creek, MI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**6,464,500**	**6,759,307**	**6,728,333**	**6,829,097**	**7,366,520**	**7,887,477**	**1,547,119**	**1,646,152**	**1,740,052**	**1,844,558**	**1,969,213**	**2,096,452**
Nonfarm personal income	6,451,307	6,746,075	6,710,033	6,811,522	7,342,925	7,865,588	1,542,375	1,641,699	1,732,307	1,836,549	1,961,993	2,086,063
Farm income[1]	13,193	13,232	18,300	17,575	23,595	21,889	4,744	4,453	7,745	8,009	7,220	10,389
Population (thousands)[2]	537.5	542.7	543.8	538.6	536.5	534.5	136.8	136.1	137.4	138.7	139.2	139.9
Per capita personal income (dollars)	**12,026**	**12,455**	**12,374**	**12,680**	**13,730**	**14,757**	**11,312**	**12,093**	**12,660**	**13,294**	**14,147**	**14,981**
Derivation of total personal income:												
Total earnings by place of work	4,728,409	4,941,984	4,914,290	5,019,111	5,530,325	5,866,933	1,170,135	1,279,732	1,347,051	1,478,229	1,590,478	1,666,349
Less: Personal contributions for social insurance[3]	257,288	283,441	300,816	315,578	359,806	395,271	75,405	85,402	87,748	100,199	111,133	120,126
Plus: Adjustment for residence	374,588	309,726	214,018	200,166	163,270	194,952	−113,498	−133,669	−143,543	−178,320	−191,495	−196,457
Equals: Net earnings by place of residence	4,845,709	4,968,269	4,827,492	4,903,699	5,333,789	5,666,614	981,232	1,060,661	1,115,760	1,199,710	1,287,850	1,349,766
Plus: Dividends, interest, and rent[5]	848,105	927,570	947,936	933,762	977,712	1,106,129	249,036	258,228	271,073	272,683	294,516	336,911
Plus: Transfer payments	770,686	863,468	952,905	991,636	1,055,019	1,114,734	316,851	327,263	353,219	372,165	386,847	409,775
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,896,607	4,060,694	3,986,711	4,074,999	4,484,853	4,747,106	997,692	1,100,837	1,157,374	1,269,280	1,364,705	1,422,021
Other labor income	426,649	428,657	431,135	433,015	478,147	515,151	110,156	114,552	118,348	127,835	139,510	149,864
Proprietors' income[6]	405,153	452,633	496,444	511,097	567,325	604,676	62,287	64,343	71,329	81,114	86,263	94,464
Farm	8,333	8,445	13,565	12,604	18,611	16,846	924	646	3,977	4,024	3,224	6,306
Nonfarm	396,820	444,188	482,879	498,493	548,714	587,830	61,363	63,697	67,352	77,090	83,039	88,158
Earnings by industry:												
Farm	13,193	13,232	18,300	17,575	23,595	21,889	4,744	4,453	7,745	8,009	7,220	10,389
Nonfarm	4,715,216	4,928,752	4,895,990	5,001,536	5,506,730	5,845,044	1,165,391	1,275,279	1,339,306	1,470,220	1,583,258	1,655,960
Private	3,806,203	3,970,201	3,930,485	4,012,620	4,508,719	4,808,213	958,691	1,038,775	1,088,614	1,188,211	1,281,245	1,345,197
Agricultural services, forestry, fisheries, and other[7]	10,918	12,590	12,289	13,319	14,027	13,773	2,656	3,140	3,134	3,394	3,516	3,566
Agricultural services	9,100*	10,615*	10,472*	11,449*	11,931*	11,426*	2,609	3,092	3,064	3,330	3,481	3,533
Forestry, fisheries, and other[7]	1,202*	1,406*	(D)	(D)	1,326*	1,525*	(L)	(L)	70	64	(L)	(L)
Mining	39,944	47,234	41,536	32,217*	(D)	33,134*	3,004	3,683	2,115	2,416	2,880	4,630
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	30,815*	(D)	2,840	1,127	1,181	(D)	2,512
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	4,839*	4,375*	2,389	2,263	(D)	(D)	843	988	1,235	(D)	2,118
Construction	590,732	624,364	564,348	560,816	732,342	748,685	39,791	42,275	51,833	62,967	78,406	70,828
Manufacturing	813,242	810,500	791,250	779,123	854,657	931,316	465,216	506,700	511,735	542,510	580,555	614,242
Nondurable goods	715,533	710,530	690,166	682,582	744,445	807,574	285,259	319,167	332,558	361,289	393,026	399,284
Food and kindred products	40,857*	43,647*	(D)	(D)	(D)	(D)	243,230	271,941	278,464	292,957	320,092	323,499
Textile mill products	(D)	239	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	25,257	25,686	27,951	25,187	26,643	28,092
Printing and publishing	38,760*	46,005*	44,869*	39,254*	41,710*	45,438*	10,293	12,024	13,347	14,489	16,051	26,585
Chemicals and allied products	439,054*	424,857*	393,411*	396,995*	439,183*	483,588*	1,645	2,054	2,237	2,749	3,186	1,589
Petroleum and coal products	164,368*	169,000*	174,336	165,378*	174,883*	176,534*	128	(D)	262	407	448	425
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	3,257	3,886	3,738	10,535	12,432	7,343
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	97,709	99,970	101,084	96,541	110,212	123,742	179,957	187,533	179,177	181,221	187,529	214,958
Lumber and wood products	7,560*	9,090*	13,571*	9,618*	9,450*	9,427	765	1,116	1,169	1,031	1,204	1,612
Furniture and fixtures	314	339	274	307	487	(D)	(D)	1,321	1,075	1,690	2,024	2,190
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	35,000	34,736	34,036	37,887	41,169	43,399
Fabricated metal products	20,530	20,910	21,772	25,728	31,157	38,696	32,745	33,741	34,866	34,542	40,007	40,325
Machinery, except electrical	18,372	19,249	18,381*	16,343*	18,385*	21,731	92,637	90,848	86,499	72,327	35,149	37,973
Electric and electronic equipment	(D)	(D)	(D)	2,821	2,713	3,060	(D)	(D)	(D)	(D)	5,261	11,001
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	1,062	1,241	1,327	1,642	(D)	(D)	2,840	14,857	46,595	62,773
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,532	(D)	(D)	(D)	8,357	9,095
Instruments and related products	3,886	4,445*	4,289*	4,416	4,867	3,398*	(D)	257	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,405	3,166	3,261	2,503	2,731	1,688*	7,437	9,119	4,794	5,476	5,921	6,260
Transportation and public utilities	308,810	319,621	318,987	315,438	333,368	359,138	69,853	74,141	79,588	89,963	100,698	100,250
Railroad transportation	22,356	24,528	22,669	21,438	20,946	21,117	29,176	30,182	31,656	35,640	36,627	36,687
Trucking and warehousing	74,519	73,694	73,077	76,392	85,985	92,331	12,217	11,984	12,951	13,421	14,355	13,979
Water transportation	37,922*	38,720*	38,685*	35,259	36,536	40,879	0	0	0	0	0	0
Other transportation[8]	24,447*	23,047*	(D)	(D)	(D)	(D)	1,656	2,287	2,453	2,817	3,143	3,196
Communication	72,981*	74,672*	70,391*	(D)	(D)	76,324*	6,786	7,096	7,159	7,307	7,243	7,051
Electric, gas, and sanitary services	66,538	75,274	79,278	77,314	83,991	91,805	20,018	22,592	25,369	30,778	39,330	39,337
Wholesale trade	278,208	300,485	294,713	297,409	344,957	366,662	27,870	30,683	34,865	42,869	44,938	51,524
Retail trade	517,157	519,676	506,826	497,524	523,917	534,446	95,299	100,655	105,056	117,907	127,711	133,464
Finance, insurance, and real estate	281,376	302,202	312,163	333,974*	336,463*	333,996*	67,743	73,161	76,311	86,917	76,696	78,874
Banking and credit agencies	122,890*	130,269*	132,176*	121,315*	118,755*	125,713*	9,813	10,024	8,949	6,196	6,131	5,952
Other finance, insurance, and real estate[9]	146,179*	155,598*	162,303*	199,658*	205,929*	204,292*	57,930	63,137	67,362	80,721	70,565	72,922
Services	965,816	1,033,529	1,088,373	1,175,732	1,327,255	1,482,862	187,259	204,337	223,977	239,268	265,845	287,819
Hotels and other lodging places	23,261*	20,874*	18,539*	19,542*	18,288*	17,873*	1,806	3,022	3,743	4,923	5,925	6,011
Personal services	62,675	75,487	79,169	77,347	85,133	96,098	10,380	12,830	13,957	13,958	16,147	17,204
Private households	26,633	26,770	26,659	26,221	27,340	28,348	1,978	1,984	1,986	1,992	2,093	2,187
Business services	183,265	198,805	203,675	214,028	253,540	295,803	16,441	23,079	32,030	36,199	37,916	41,338
Auto repair, services, and garages	39,772	41,529	42,351	42,256	43,265	45,857	7,625	8,514	10,013	11,256	12,073	13,202
Miscellaneous repair services	38,217	32,406	28,462*	24,711*	27,589*	33,778	4,045	5,019	5,277	5,489	6,843	8,619
Amusement and recreation services	8,570*	9,501*	9,753	10,551	13,020	13,668	2,809	3,197	4,152	4,967	4,938	5,906
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	293,271	319,374	345,928	394,507	427,608	473,555	89,843	91,121	93,194	98,084	111,275	118,098
Legal services	81,988	88,933	107,351	118,116	132,892	142,608	6,604	6,946	7,733	7,949	8,555	9,097
Educational services	15,604	16,398	17,685*	20,899	25,264	26,146	(D)	(D)	(D)	(D)	(D)	(D)
Social services	15,653	18,311	21,411	23,189	25,047	27,306	8,495	10,884	12,425	14,046	16,487	19,105
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	41,931*	42,681*	45,271*	48,774*	51,775*	53,127*	12,809	13,569	13,722	12,228	13,482	14,180
Miscellaneous services	128,548	134,865	135,381	148,932	187,968	213,999*	12,878	12,341	11,493	13,293	15,021	16,770
Government and government enterprises	909,013	958,551	965,505	988,916	998,011	1,036,831	206,700	236,504	250,692	282,009	302,013	310,763
Federal, civilian	56,536	62,266	61,935	66,868	73,496	77,698	111,376	110,202	113,040	137,438	147,144	152,628
Military	13,466	15,366	16,364	17,927	18,483	19,269	2,715	3,302	3,469	3,568	3,718	3,597
State and local	839,011	880,919	887,206	904,121	906,032	939,864	92,609	123,000	134,183	141,003	151,151	154,538

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Beaumont—Port Arthur, TX (MSA)						Beaver County, PA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,802,100**	**4,857,633**	**4,810,543**	**4,874,872**	**5,199,682**	**5,499,900**	**2,215,364**	**2,261,547**	**2,323,774**	**2,384,916**	**2,493,902**	**2,640,724**
Nonfarm personal income	4,796,307	4,852,327	4,803,981	4,865,980	5,185,595	5,487,005	2,209,271	2,255,763	2,318,237	2,378,933	2,487,306	2,633,207
Farm income[1]	5,793	5,306	6,562	8,892	14,087	12,895	6,093	5,784	5,537	5,983	6,596	7,517
Population (thousands)[2]	383.4	379.7	372.9	367.8	363.9	358.6	198.2	195.0	191.9	190.4	189.8	188.0
Per capita personal income (dollars)	**12,527**	**12,792**	**12,899**	**13,253**	**14,290**	**15,339**	**11,180**	**11,599**	**12,108**	**12,527**	**13,138**	**14,046**
Derivation of total personal income:												
Total earnings by place of work	3,660,457	3,593,745	3,474,841	3,533,798	3,782,105	3,885,896	1,370,506	1,309,325	1,285,083	1,292,292	1,274,618	1,363,881
Less: Personal contributions for social insurance[3]	192,678	201,335	197,376	202,984	224,439	240,846	88,280	89,229	89,869	90,621	94,493	105,662
Plus: Adjustment for residence	−95,121	−82,151	−68,020	−65,358	−69,681	−69,591	164,111	224,749	268,579	313,829	384,366	367,415
Equals: Net earnings by place of residence	3,372,658	3,310,259	3,209,445	3,265,456	3,487,985	3,575,459	1,446,337	1,444,845	1,463,793	1,515,500	1,564,491	1,625,634
Plus: Dividends, interest, and rent[5]	760,159	841,313	829,700	801,369	868,514	997,327	330,667	349,151	360,791	354,229	390,363	448,197
Plus: Transfer payments	669,283	706,061	771,398	808,047	843,183	927,114	438,360	467,551	499,190	515,187	539,048	566,893
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,922,392	2,867,949	2,719,916	2,770,915	2,944,693	3,019,754	1,101,657	1,054,931	1,034,340	1,035,631	1,008,381	1,076,600
Other labor income	442,748	399,571	382,210	377,232	395,518	403,105	152,525	135,021	127,357	123,060	117,756	127,829
Proprietors' income[6]	295,317	326,225	372,715	385,651	441,894	463,037	116,324	119,373	123,386	133,601	148,481	159,452
Farm	3,852	3,426	4,732	6,994	12,219	11,044	5,375	5,076	4,838	5,245	5,854	6,764
Nonfarm	291,465	322,799	367,983	378,657	429,675	451,993	110,949	114,297	118,548	128,356	142,627	152,688
Earnings by industry:												
Farm	5,793	5,306	6,562	8,892	14,087	12,895	6,093	5,784	5,537	5,983	6,596	7,517
Nonfarm	3,654,664	3,588,439	3,468,279	3,524,906	3,768,018	3,873,001	1,364,413	1,303,541	1,279,546	1,286,309	1,268,022	1,356,364
Private	3,259,058	3,170,438	3,044,319	3,087,070	3,314,711	3,402,875	1,232,401	1,164,768	1,135,050	1,136,322	1,108,810	1,190,358
Agricultural services, forestry, fisheries, and other[7]	13,057	15,482	17,501	12,931	14,271	14,861	2,424	2,426	2,446	3,161	3,160	3,446
Agricultural services	7,573*	7,342*	6,494*	(D)	(D)	(D)	2,131	2,181	2,254	3,107	3,122	3,415
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	293	245	192	54	(L)	(L)
Mining	92,797	93,319	73,154	52,956	61,389	54,079	2,554	3,671	1,933	1,797	2,193	2,258
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	273	294	(D)	403	315	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,859	2,896	1,118	1,036	1,532	1,826
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	422	481	(D)	358	346	397
Construction	313,984	286,803	239,283	237,709	276,203	302,355	122,186	131,146	169,816	162,475	97,670	118,222
Manufacturing	1,240,658	1,175,817	1,107,297	1,091,355	1,175,603	1,137,528	551,477	459,168	356,272	315,260	316,777	334,831
Nondurable goods	1,006,814	967,120	933,038	930,539	995,512	959,103	60,490	61,320	54,478	57,046	61,110	64,654
Food and kindred products	15,955*	13,344*	9,935*	11,997*	7,580*	8,770*	12,220	11,241	9,923	10,455	10,739	10,904
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	614*	706	724	784	822	850	797
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	14,673*	14,749*	14,596*	14,904*	16,279	15,051*	7,616	8,483	9,222	9,505	10,019	10,588
Chemicals and allied products	377,216*	393,772*	418,249*	435,300*	500,973*	490,862*	(D)	(D)	(D)	25,147	27,650	30,223
Petroleum and coal products	558,809	505,571	445,303	419,109	417,810	390,883	7,032	5,539	4,602	4,967	4,750	4,625
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	11,231	(D)	(D)	(D)	(D)	(D)	3,904	4,750	4,269	4,766	5,592	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	233,844	208,697	174,259	160,816	180,091	178,425	490,987	397,848	301,794	258,214	255,667	270,177
Lumber and wood products	27,392	28,578	31,925	10,567*	11,505	12,009	171	210	224	309	399	765
Furniture and fixtures	1,193	1,070	1,055	868	1,173	819	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	38,618	(D)	(D)	(D)	(D)	(D)	361,837	275,153	179,079	142,658	146,441	158,956
Fabricated metal products	47,936	44,652	34,794*	37,720	47,153*	54,215*	27,753	25,510	26,994	24,826	25,517	21,931
Machinery, except electrical	27,952*	27,103*	20,878	21,554	19,166	20,958	5,010	4,179	4,331	4,499	6,228	11,835
Electric and electronic equipment	(D)	(D)	(D)	10,714*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	23,998	(D)	(D)	24,007	948	942	1,103	1,210	1,297	(D)
Motor vehicles and equipment	682	568	(D)	455	528	469	(D)	(D)	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	4,943*	5,109*	39,794	37,341	38,814	40,225	39,437	43,396
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,873	2,166	1,779	2,271	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)
Transportation and public utilities	350,495	334,257	326,892	322,525	324,848	332,733	166,057	167,040	185,035	194,463	193,915	208,596
Railroad transportation	42,516	(D)	(D)	(D)	31,912	32,626	34,552	35,060	35,417	34,720	38,093	41,226
Trucking and warehousing	40,145	40,091	41,504	42,575	45,252	46,822	25,673	26,267	28,904	29,819	26,704	26,408
Water transportation	79,821*	70,172*	68,811	73,708	78,177	76,192	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	16,720	(D)	(D)	26,828	(D)	(D)	(D)	(D)	(D)	(D)
Communication	64,452	64,658	60,759	53,583*	50,120	47,463	9,267	8,421	7,849	7,576	7,498	7,665
Electric, gas, and sanitary services	107,420	(D)	(D)	(D)	(D)	102,802	86,446	88,421	101,998	110,797	108,616	117,397
Wholesale trade	144,564	140,564	140,292	129,887	144,855	159,538	24,792	28,001	29,830	32,401	36,749	37,507
Retail trade	369,455	356,635	343,968	348,057	354,638	360,283	121,350	116,191	117,135	119,791	128,517	133,217
Finance, insurance, and real estate	115,581	124,238	127,521	141,284	139,747	129,070	30,640	29,659	30,358	38,519	35,018	35,399
Banking and credit agencies	54,001*	59,096*	60,135*	58,700*	57,969*	51,939*	16,885	16,960	17,655	17,790	18,631	19,558
Other finance, insurance, and real estate[9]	56,499*	59,589*	60,435*	76,122*	75,096*	70,240*	13,755	12,699	12,703	20,729	16,387	15,841
Services	618,467	643,323	668,411	750,366	823,157	912,428	210,921	227,466	242,225	268,455	294,811	316,882
Hotels and other lodging places	11,522*	14,114*	14,966*	15,445*	8,360*	9,747*	1,447	1,575	1,600	1,551	1,663	1,890
Personal services	28,863	34,343	34,870	36,273	40,487	45,956	13,330	17,204	17,864	18,678	21,727	24,992
Private households	15,295	15,573	15,771	15,784	16,644	17,509	2,479	2,474	2,466	2,465	2,601	2,722
Business services	93,823	96,634	101,675	111,222	117,664	131,149	22,464	21,060	23,963	25,876	28,162	29,673
Auto repair, services, and garages	29,472	28,775	29,233	36,409	31,130	32,515	10,799	11,646	12,546	12,753	13,910	14,872
Miscellaneous repair services	19,172	18,480	16,246	14,360	15,732	18,965	5,830	4,937	5,763	7,752	8,576	7,091
Amusement and recreation services	(D)	(D)	6,025	6,567	7,213	7,787	2,401	2,773	3,457	3,706	5,915	6,398
Motion pictures	(D)	(D)	980*	929*	902*	978*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	265,371	269,008	277,013	320,554	354,118	388,441	97,179	105,249	108,717	121,497	129,494	137,981
Legal services	63,093	68,610	75,927	90,670	115,019	123,724	6,681	7,239	7,259	7,733	9,947	9,504
Educational services	5,743	5,566	5,951	7,071	(D)	(D)	8,242	8,767	9,033	9,734	10,209	11,247
Social services	9,021	9,498	9,661	10,608	13,502*	14,538	8,016	9,113	9,586	10,993	12,093	13,240
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	24,207	24,707	25,122	26,091	28,464	30,089	13,630	13,349	13,524	14,300	15,665	16,535
Miscellaneous services	45,072	49,750	53,618	56,930	64,279	81,066	18,114	21,782	26,090	30,991	34,277	40,091
Government and government enterprises	395,606	418,001	423,960	437,836	453,307	470,126	132,012	138,773	144,496	149,987	159,212	166,006
Federal, civilian	37,051	39,483	39,839	40,657	42,766	45,258	11,491	12,253	12,012	12,491	13,397	13,525
Military	9,345	10,101	10,663	11,477	11,978	11,976	4,862	5,138	5,508	5,445	5,638	5,761
State and local	349,210	368,417	373,458	385,702	398,563	412,892	115,659	121,382	126,976	132,051	140,177	146,720

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Bellingham, WA (MSA)						Benton Harbor, MI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,254,475**	**1,338,598**	**1,454,284**	**1,568,698**	**1,681,607**	**1,875,792**	**1,871,515**	**1,963,548**	**2,092,118**	**2,229,075**	**2,353,400**	**2,506,979**
Nonfarm personal income	1,221,015	1,298,981	1,404,717	1,516,629	1,627,347	1,815,578	1,858,739	1,949,152	2,077,525	2,206,758	2,339,462	2,481,252
Farm income[1]	33,460	39,617	49,567	52,069	54,260	60,214	12,776	14,396	14,593	22,317	13,938	25,727
Population (thousands)[2]	111.6	112.7	113.3	115.4	118.7	121.4	163.0	162.7	164.6	165.9	166.6	167.5
Per capita personal income (dollars)	**11,239**	**11,879**	**12,835**	**13,596**	**14,169**	**15,457**	**11,485**	**12,069**	**12,710**	**13,440**	**14,130**	**14,966**
Derivation of total personal income:												
Total earnings by place of work	841,934	895,326	995,589	1,090,180	1,169,670	1,306,611	1,249,643	1,318,292	1,432,156	1,549,577	1,623,089	1,710,525
Less: Personal contributions for social insurance[3]	45,960	52,108	58,953	65,693	72,766	85,013	79,366	88,410	93,524	105,671	115,805	126,175
Plus: Adjustment for residence	−486	842	−1,200	−2,363	1,285	−3,852	38,113	41,685	36,194	38,474	51,188	48,380
Equals: Net earnings by place of residence	795,488	844,060	935,436	1,022,124	1,098,189	1,217,746	1,208,390	1,271,567	1,374,826	1,482,380	1,558,472	1,632,730
Plus: Dividends, interest, and rent[5]	243,369	261,814	272,006	284,005	305,355	358,488	319,045	329,680	335,885	344,616	372,200	425,604
Plus: Transfer payments	215,618	232,724	246,842	262,569	278,063	299,558	344,080	362,301	381,407	402,079	422,728	448,645
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	642,027	665,193	714,336	782,737	829,322	936,094	1,024,453	1,085,599	1,179,820	1,271,330	1,336,126	1,397,436
Other labor income	69,646	68,326	72,260	77,232	78,574	88,173	118,510	118,073	127,784	135,144	139,863	146,401
Proprietors' income[6]	130,261	161,807	208,993	230,211	261,774	282,344	106,680	114,620	124,552	143,103	147,100	166,688
Farm	24,346	30,594	40,576	42,499	44,579	50,294	1,268	2,767	2,956	9,878	1,346	12,684
Nonfarm	105,915	131,213	168,417	187,712	217,195	232,050	105,412	111,853	121,596	133,225	145,754	154,004
Earnings by industry:												
Farm	33,460	39,617	49,567	52,069	54,260	60,214	12,776	14,396	14,593	22,317	13,938	25,727
Nonfarm	808,474	855,709	946,022	1,038,111	1,115,410	1,246,397	1,236,867	1,303,896	1,417,563	1,527,260	1,609,151	1,684,798
Private	677,307	713,788	798,108	879,090	942,909	1,060,007	1,099,862	1,155,862	1,252,797	1,352,616	1,422,547	1,484,749
Agricultural services, forestry, fisheries, and other[7]	16,364	37,837	67,836	73,026	90,606	93,687	4,292	4,444	5,009	6,123	6,269	6,675
Agricultural services	4,625	4,144	3,925	5,699	6,225	(D)	4,162	4,271	4,582	6,034	6,205	6,628
Forestry, fisheries, and other[7]	11,739	33,693	63,911	67,327	84,381	(D)	130	173	427	89	64	(L)
Mining	3,512	3,946	2,353	2,400	3,368	3,593	4,449	5,213	3,931	6,853	7,669	8,267
Coal mining	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0
Oil and gas extraction	(D)	1,954	627	684	(D)	1,180	2,472	3,371	1,062	3,397	4,073	4,201
Metal mining	(D)	0	(D)	(D)	(D)	0	(L)	(L)	(L)	129	136	151
Nonmetallic minerals, except fuels	2,116	1,987	1,707	1,696	2,255	2,410	2,000	1,858	2,871	3,327	3,460	3,915
Construction	70,544	68,426	81,028	94,711	94,230	115,166	47,344	45,615	51,200	57,219	61,088	64,859
Manufacturing	211,926	212,550	214,455	227,036	233,292	252,790	549,312	561,814	607,953	636,157	662,128	661,621
Nondurable goods	109,417	115,234	119,895	128,034	130,361	140,932	90,493	97,836	105,047	130,804	143,288	140,619
Food and kindred products	19,785	22,408	22,963	26,367	28,275	36,364	12,763	14,218	16,325	20,844	24,857	24,941
Textile mill products	1,244	1,574	2,474	3,231	3,436	3,247	(D)	(D)	(D)	0	0	0
Apparel and other textile products	798	145	133	246	319	1,032	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	36,454	(D)	33,401	(D)	17,232	18,661	17,769	23,095	21,215	15,602
Printing and publishing	5,344	6,832	7,592	8,525	9,388	10,522	27,710	30,432	30,885	37,816	41,076	41,543
Chemicals and allied products	(D)	4,332	(D)	(D)	(D)	1,969	2,890	2,786	2,867	(D)	(D)	(D)
Petroleum and coal products	41,221	40,583	42,402	47,571	46,358	45,141	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	2,952	4,885	(D)	29,862	31,643	37,042	45,661	49,998	54,519
Leather and leather products	0	0	(D)	(L)	(D)	(D)	0	0	0	0	0	0
Durable goods	102,509	97,316	94,560	99,002	102,931	111,858	458,819	463,978	502,906	505,353	518,840	521,002
Lumber and wood products	17,019	18,238	21,107	22,146	25,040	(D)	5,129	5,753	6,784	8,080	8,533	8,544
Furniture and fixtures	434	173	(D)	(D)	66	(L)	2,244	2,730	4,182	5,040	7,569	8,369
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	73,615	73,141	75,491	75,180	82,500	81,825
Fabricated metal products	3,352	2,672	2,456	2,865	3,939	2,132	34,041	33,247	34,770	37,945	37,321	36,718
Machinery, except electrical	2,795	3,027	3,010	3,981	3,600	3,576	119,059	119,831	122,470	117,722	166,777	186,508
Electric and electronic equipment	3,794	6,241	6,588	4,399	5,610	6,943	146,206	152,690	176,896	170,170	118,548	109,269
Transportation equip. excl. motor vehicles	(D)	(D)	5,595	(D)	10,539	8,310	6,822	6,395	7,350	8,930	8,745	4,390
Motor vehicles and equipment	0	(D)	0	0	(D)	2,541	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	8,132	5,976	2,839	3,504	2,954	4,114	1,261	1,299	1,437	1,785	2,135	2,433
Instruments and related products	(D)	864	1,431	1,771	2,100	1,863	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	702	(D)	404	545	897	2,068	2,770	2,943	3,213	3,546	3,564
Transportation and public utilities	51,913	51,823	53,136	56,724	56,935	60,755	76,982	84,120	89,374	89,260	92,307	99,581
Railroad transportation	4,010	3,363	3,287	3,300	3,377	3,554	4,087	4,382	4,346	4,274	4,964	5,509
Trucking and warehousing	17,840	18,816	20,387	22,167	23,415	22,927	25,413	25,582	27,277	(D)	24,508	29,967
Water transportation	4,516	3,849	3,106	3,864	3,527	4,284	646	313	538	711	786	922
Other transportation[8]	6,153	6,322	6,567	7,122	8,152	9,000	(D)	(D)	(D)	4,957	(D)	(D)
Communication	9,817	9,576	9,502	9,309	6,886	8,384	6,236	6,258	6,959	6,857	7,419	8,024
Electric, gas, and sanitary services	9,577	9,897	10,287	10,962	11,578	12,606	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	32,975	33,557	36,032	49,013	48,076	55,351	51,762	52,858	57,759	66,597	67,928	79,627
Retail trade	110,716	109,782	116,129	121,781	139,044	164,097	112,311	118,321	127,564	135,169	149,770	159,176
Finance, insurance, and real estate	28,329	27,197	31,799	39,668	38,769	42,065	39,757	44,350	48,835	63,061	62,237	64,188
Banking and credit agencies	14,804	15,521	17,486	18,128	19,800	20,410	29,887	34,454	37,594	41,115	44,898	46,077
Other finance, insurance, and real estate[9]	13,525	11,676	14,313	21,540	18,969	21,655	9,870	9,896	11,241	21,946	17,339	18,111
Services	151,028	168,670	195,340	214,731	238,589	272,503	213,653	239,127	261,172	292,177	313,151	340,755
Hotels and other lodging places	3,107	4,061	4,340	5,753	7,968	8,757	(D)	4,765	4,608	3,670	4,650	7,044
Personal services	9,366	11,355	12,036	12,101	14,249	16,533	12,237	14,499	15,575	16,155	18,538	20,339
Private households	3,418	3,464	3,487	3,530	3,802	4,064	4,248	4,261	4,258	4,266	4,499	4,709
Business services	18,169	22,740	26,886	27,695	29,375	36,375	35,483	43,354	47,691	53,310	63,823	68,406
Auto repair, services, and garages	9,118	10,021	11,139	12,203	12,764	15,012	13,489	15,626	15,987	17,199	13,431	14,782
Miscellaneous repair services	7,142	6,853	8,009	7,440	8,233	9,377	4,130	4,277	4,359	4,156	4,761	5,096
Amusement and recreation services	4,764	4,852	6,188	7,026	6,936	7,677	4,201	4,488	4,623	4,930	5,488	5,726
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(L)	135	105	90	185	298
Health services	52,742	57,989	70,222	79,338	87,782	99,217	75,791	84,573	89,043	102,415	102,541	112,688
Legal services	7,737	8,559	9,856	11,228	13,739	15,211	9,834	11,471	13,020	13,296	16,253	15,790
Educational services	2,589	2,774	2,918	3,915	4,385	4,469	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,066	6,835	8,332	8,359	8,906	9,330	3,688	3,448	3,644	3,809	5,247	6,297
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	12,805	13,934	14,727	15,040	16,332	16,590	11,398	11,703	12,163	13,744	15,558	16,534
Miscellaneous services	13,266	14,408	16,564	20,392	23,329	28,926	17,355	17,862	22,731	25,642	29,897	33,277
Government and government enterprises	131,167	141,921	147,914	159,021	172,501	186,390	137,005	148,034	164,766	174,644	186,604	200,049
Federal, civilian	16,718	19,183	19,766	20,680	23,318	24,109	11,244	11,887	11,953	12,485	13,226	13,623
Military	3,087	3,311	3,589	4,024	4,250	4,325	2,091	2,422	2,803	3,001	3,152	3,328
State and local	111,362	119,427	124,559	134,317	144,933	157,956	123,670	133,725	150,010	159,158	170,226	183,098

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Bergen—Passaic, NJ (PMSA)						Billings, MT (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**24,086,455**	**25,862,126**	**27,431,719**	**29,746,424**	**32,951,770**	**35,140,201**	**1,499,012**	**1,542,081**	**1,545,789**	**1,594,304**	**1,676,607**	**1,810,832**
Nonfarm personal income	24,077,161	25,851,668	27,420,819	29,734,487	32,938,969	35,128,296	1,493,658	1,538,748	1,536,012	1,576,297	1,660,582	1,785,685
Farm income[1]	9,294	10,458	10,900	11,937	12,801	11,905	5,354	3,333	9,777	18,007	16,025	25,147
Population (thousands)[2]	1,300.7	1,299.5	1,300.0	1,295.1	1,292.3	1,283.7	119.1	120.5	119.9	118.0	116.4	116.1
Per capita personal income (dollars)	**18,518**	**19,901**	**21,101**	**22,969**	**25,499**	**27,374**	**12,584**	**12,798**	**12,888**	**13,507**	**14,400**	**15,595**
Derivation of total personal income:												
Total earnings by place of work	15,610,929	16,936,167	18,406,464	20,402,598	22,654,414	23,552,142	1,118,312	1,135,393	1,127,377	1,149,321	1,203,605	1,275,392
Less: Personal contributions for social insurance[3]	968,498	1,102,498	1,277,406	1,410,338	1,623,832	1,743,872	74,449	79,529	84,651	83,295	90,499	99,093
Plus: Adjustment for residence	1,907,195	2,012,043	2,015,859	2,003,358	2,116,053	2,244,633	−10,409	−11,618	−11,760	−10,993	−10,900	−10,788
Equals: Net earnings by place of residence	16,549,626	17,845,712	19,144,917	20,995,618	23,146,635	24,052,903	1,033,454	1,044,246	1,030,966	1,055,033	1,102,206	1,165,511
Plus: Dividends, interest, and rent[5]	5,151,956	5,504,745	5,664,587	5,987,834	6,802,679	7,765,255	271,870	288,679	283,854	296,109	317,770	372,704
Plus: Transfer payments	2,384,873	2,511,669	2,622,215	2,762,972	3,002,456	3,322,043	193,688	209,156	230,969	243,162	256,631	272,617
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	12,797,633	13,832,419	15,066,138	16,649,546	18,471,522	19,124,126	907,786	920,074	904,519	906,527	948,149	995,624
Other labor income	1,273,282	1,289,007	1,386,922	1,482,531	1,615,799	1,682,837	89,786	87,999	84,867	85,849	88,262	94,528
Proprietors' income[6]	1,540,014	1,814,741	1,953,404	2,270,521	2,567,093	2,745,179	120,740	127,320	137,991	156,945	167,194	185,240
Farm	7,276	8,570	9,128	10,172	11,119	10,319	988	−844	5,872	14,060	12,282	21,603
Nonfarm	1,532,738	1,806,171	1,944,276	2,260,349	2,555,974	2,734,860	119,752	128,164	132,119	142,885	154,912	163,637
Earnings by industry:												
Farm	9,294	10,458	10,900	11,937	12,801	11,905	5,354	3,333	9,777	18,007	16,025	25,147
Nonfarm	15,601,635	16,925,709	18,395,564	20,390,661	22,641,613	23,540,237	1,112,958	1,132,060	1,117,600	1,131,314	1,187,580	1,250,245
Private	14,231,752	15,465,779	16,814,384	18,668,130	20,752,454	21,490,605	970,104	981,332	961,726	968,819	1,020,944	1,079,018
Agricultural services, forestry, fisheries, and other[7]	52,230	60,543	66,077	83,058	87,515	89,324	6,187	5,493	4,657	6,624	6,362	6,286
Agricultural services	51,767	59,983	65,540	82,509	86,885	88,675	6,078	5,345	4,479	6,379	5,982	5,930
Forestry, fisheries, and other[7]	463	560	537	549	630	649	109	148	178	245	380	356
Mining	48,575	68,348	24,423	29,141	41,158	45,362	36,241	31,383	25,293	18,765	19,559	17,592
Coal mining	157	136	161	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	18,395	19,124	31,202	32,891	27,594	23,813	19,860	11,821	13,165	16,347
Metal mining	−583	−208	(L)	(D)	(D)	(D)	(L)	(L)	(L)	72	78	87
Nonmetallic minerals, except fuels	(D)	(D)	5,884	7,635	7,373	9,611	(D)	(D)	(D)	(D)	(D)	(D)
Construction	902,846	1,040,345	1,205,645	1,378,733	1,598,426	1,555,921	87,968	91,831	82,770	64,347	65,790	67,120
Manufacturing	4,461,562	4,661,793	4,836,711	5,053,964	5,372,686	5,321,589	99,516	95,138	97,614	98,811	100,898	98,713
Nondurable goods	2,432,717	2,528,948	2,585,244	2,713,408	2,919,514	2,981,477	74,679	72,154	75,175	76,805	80,758	77,664
Food and kindred products	321,977	336,748	351,807	361,510	367,290	377,251	23,073	18,202	22,427	24,837	24,439	22,543
Textile mill products	196,881	197,835	189,793	192,334	199,669	209,399	0	88	(L)	(L)	0	(D)
Apparel and other textile products	192,993	193,973	216,798	218,451	225,671	217,581	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	259,675	270,571	274,886	284,009	310,942	316,250	(D)	0	0	(D)	(D)	(D)
Printing and publishing	485,421	516,887	534,296	583,715	635,363	651,420	11,406	11,782	11,735	12,124	13,156	14,079
Chemicals and allied products	720,909	772,607	799,815	838,993	930,118	968,399	(D)	2,949	3,262	3,262	4,045	4,020
Petroleum and coal products	15,421*	14,753	15,814	(D)	(D)	(D)	36,734	38,438	37,052	35,890	38,409	36,678
Tobacco manufactures	516	460	488	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	216,960	200,465	175,958	189,451	204,311	197,642	655	(D)	(D)	326	(D)	0
Leather and leather products	(D)	24,649	25,589	27,445	28,232	27,980	(D)	(D)	(D)	(L)	(D)	0
Durable goods	2,028,845	2,132,845	2,251,467	2,340,556	2,453,172	2,340,112	24,837	22,984	22,439	22,006	20,140	21,049
Lumber and wood products	24,137	27,415	27,816	26,273	29,330	31,235	3,393	2,615	2,513	2,080	(D)	1,130
Furniture and fixtures	57,495	60,658	65,405	58,500	57,096	61,928	318	298	246	879	1,010	1,282
Primary metal industries	75,261	72,987	73,164	88,857	83,793	82,301	(D)	(D)	(D)	0	0	(D)
Fabricated metal products	289,395	290,700	313,774	305,931	315,544	299,179	7,192	6,009	5,664	6,630	5,441	5,798
Machinery, except electrical	468,830	486,548	485,895	469,066	512,068	466,877	3,241	3,230	3,452	2,742	2,463	2,475
Electric and electronic equipment	562,897	617,762	673,069	754,225	770,900	703,308	432	(D)	64	0	0	(D)
Transportation equip. excl. motor vehicles	23,370	22,683	16,853	18,464	26,013	24,946	(D)	(D)	(D)	(D)	122	146
Motor vehicles and equipment	26,665	29,738	31,866	35,395	35,363	27,280	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	50,604	59,071	61,077	62,468	66,151	69,022	5,469	4,928	5,164	4,351	3,336	3,882
Instruments and related products	343,362	363,194	391,376	405,576	430,557	442,481	(D)	(D)	(D)	(D)	121	388
Miscellaneous manufacturing industries	106,829	102,089	111,172	115,801	126,357	131,555	2,452	3,256	3,283	2,868	2,927	2,563
Transportation and public utilities	905,457	951,294	948,929	975,215	1,061,790	1,125,850	138,477	137,270	136,059	129,290	130,870	134,790
Railroad transportation	1,024	865	2,014	3,754	3,437	2,879	35,644	31,986	30,883	30,242	27,612	25,443
Trucking and warehousing	317,858	342,430	318,147	328,413	336,638	334,554	50,522	53,436	49,785	47,775	48,589	50,916
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	16,530	16,636	18,709	14,795	20,662	21,537
Communication	274,008	255,064	251,106	250,241	290,420	291,877	23,329	21,853	22,911	22,407	20,020	23,853
Electric, gas, and sanitary services	94,172	109,200	110,119	(D)	(D)	(D)	12,452	13,359	13,771	14,071	13,987	13,041
Wholesale trade	2,190,141	2,297,583	2,523,541	2,834,233	3,217,582	3,359,435	143,148	141,783	127,604	125,252	132,613	143,736
Retail trade	1,538,067	1,664,779	1,834,701	2,025,183	2,209,608	2,293,743	145,765	143,932	140,386	142,863	155,991	166,773
Finance, insurance, and real estate	876,739	988,088	1,146,707	1,508,586	1,667,175	1,678,844	57,090	61,223	63,620	73,621	73,590	77,714
Banking and credit agencies	260,408	294,656	363,333	417,371	461,093	482,869	25,109	27,450	29,274	29,346	30,143	(D)
Other finance, insurance, and real estate[9]	616,331	693,432	783,374	1,091,215	1,206,082	1,195,975	31,981	33,773	34,346	44,275	43,447	(D)
Services	3,256,135	3,733,006	4,227,650	4,780,017	5,496,514	6,020,537	255,712	273,279	283,723	309,246	335,271	366,294
Hotels and other lodging places	(D)	(D)	(D)	(D)	74,939	82,836	9,332	9,516	9,238	10,132	10,178	9,447
Personal services	128,348	156,869	170,100	178,023	201,238	229,557	12,723	15,786	16,119	16,071	18,539	20,764
Private households	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,818	1,902	(D)
Business services	1,121,531	1,323,654	1,511,905	1,739,371	2,022,848	2,178,434	39,585	40,419	41,417	42,682	48,016	54,982
Auto repair, services, and garages	108,696	123,390	137,938	148,174	174,364	196,284	12,418	13,671	14,309	14,405	15,260	16,913
Miscellaneous repair services	68,064	72,046	81,154	82,844	89,986	94,971	8,052	7,215	7,735	8,480	9,516	11,464
Amusement and recreation services	87,649	108,588	114,279	128,407	169,494	162,800	4,710	4,958	5,983	7,213	7,850	8,975
Motion pictures	25,236	29,398	32,252	30,971	44,886	50,788	600	602	514	483	599	1,056
Health services	862,975	980,165	1,098,151	1,254,085	1,449,279	1,636,494	94,813	103,205	104,720	123,481	131,544	141,874
Legal services	185,597	208,432	236,634	266,024	305,221	336,794	20,823	23,179	26,350	28,892	30,322	32,270
Educational services	(D)	(D)	(D)	(D)	123,614	130,837	3,713	4,048	4,294	4,570	5,153	5,763
Social services	44,192	59,286	69,260	78,822	90,436	104,006	8,839	9,297	9,831	10,376	12,446	14,301
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	152	166	(D)
Membership organizations	98,834	106,463	116,105	131,233	145,377	155,707	7,800	7,994	7,934	8,418	9,209	9,282
Miscellaneous services	343,025	377,594	460,449	519,682	564,271	618,631	30,348	31,400	33,300	32,073	34,571	37,015
Government and government enterprises	1,369,883	1,459,930	1,581,180	1,722,531	1,889,159	2,049,632	142,854	150,728	155,874	162,495	166,636	171,227
Federal, civilian	156,423	162,623	169,652	181,256	195,847	197,836	45,412	48,091	48,022	52,540	56,130	59,500
Military	25,845	25,378	28,800	30,347	31,276	31,991	3,418	3,499	4,096	4,535	4,744	5,164
State and local	1,187,615	1,271,929	1,382,728	1,510,928	1,662,036	1,819,805	94,024	99,138	103,756	105,420	105,762	106,563

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Biloxi—Gulfport, MS (MSA)						Binghamton, NY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,900,925**	**1,937,590**	**2,147,143**	**2,235,575**	**2,356,357**	**2,517,236**	**3,350,944**	**3,502,652**	**3,665,015**	**3,881,358**	**4,186,651**	**4,491,194**
Nonfarm personal income	1,896,566	1,933,879	2,143,180	2,230,329	2,350,225	2,513,032	3,337,701	3,489,436	3,648,992	3,862,974	4,166,795	4,466,569
Farm income[1]	4,359	3,711	3,963	5,246	6,132	4,204	13,243	13,216	16,023	18,384	19,856	24,625
Population (thousands)[2]	197.0	201.1	206.2	206.7	205.0	206.2	261.2	262.4	261.0	259.3	260.2	259.3
Per capita personal income (dollars)	**9,652**	**9,634**	**10,411**	**10,816**	**11,495**	**12,209**	**12,829**	**13,350**	**14,043**	**14,966**	**16,088**	**17,318**
Derivation of total personal income:												
Total earnings by place of work	1,435,213	1,531,699	1,621,469	1,720,233	1,812,712	1,900,474	2,543,759	2,727,622	2,824,761	3,018,506	3,222,143	3,368,338
Less: Personal contributions for social insurance[3]	79,016	87,399	96,054	98,289	106,788	115,168	166,038	187,213	201,262	213,166	235,768	253,744
Plus: Adjustment for residence	−50,846	−72,392	−80,786	−113,505	−118,630	−121,070	−125,822	−157,858	−158,639	−166,126	−161,242	−152,648
Equals: Net earnings by place of residence	1,305,351	1,371,908	1,444,629	1,508,439	1,587,294	1,664,236	2,251,899	2,382,551	2,464,860	2,639,214	2,825,133	2,961,946
Plus: Dividends, interest, and rent[5]	237,008	170,334	281,515	285,151	304,403	348,955	542,942	547,191	586,992	599,868	681,618	778,388
Plus: Transfer payments	358,566	395,348	420,999	441,985	464,660	504,045	556,103	572,910	613,163	642,276	679,900	750,860
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,215,252	1,296,885	1,356,834	1,433,775	1,495,670	1,561,493	2,145,544	2,295,970	2,371,983	2,512,900	2,676,516	2,784,665
Other labor income	92,603	94,613	100,727	107,111	116,534	126,172	226,500	227,976	234,230	238,476	248,975	261,038
Proprietors' income[6]	127,358	140,201	163,908	179,347	200,508	212,809	171,715	203,676	218,548	267,130	296,652	322,635
Farm	3,790	3,167	3,437	4,706	5,604	3,686	9,792	9,796	12,624	14,789	16,244	20,937
Nonfarm	123,568	137,034	160,471	174,641	194,904	209,123	161,923	193,880	205,924	252,341	280,408	301,698
Earnings by industry:												
Farm	4,359	3,711	3,963	5,246	6,132	4,204	13,243	13,216	16,023	18,384	19,856	24,625
Nonfarm	1,430,854	1,527,988	1,617,506	1,714,987	1,806,580	1,896,270	2,530,516	2,714,406	2,808,738	3,000,122	3,202,287	3,343,713
Private	858,674	924,608	991,824	1,051,380	1,125,814	1,177,857	2,180,323	2,343,190	2,413,055	2,580,575	2,744,809	2,851,929
Agricultural services, forestry, fisheries, and other[7]	2,631	6,473	7,154	6,211	7,145	7,295	7,819	8,311	8,158	9,128	10,826	10,939
Agricultural services	1,541	(D)	1,681	2,049	1,880	(D)	7,570	8,138	8,089	9,041	10,760	10,890
Forestry, fisheries, and other[7]	1,090	4,062*	5,473	4,162	5,265	(D)	249	173	69	87	66	(L)
Mining	3,995	4,087	2,856	3,490	3,779	3,742	6,554	8,396	3,031	3,887	5,977	6,330
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,939	(D)	(D)	3,332	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	54	(D)	(D)	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	76,455	81,359	96,666	87,193	81,910	79,714	137,149	158,216	168,215	174,191	196,105	194,264
Manufacturing	178,823	193,093	194,348	212,590	243,610	252,500	1,141,561	1,181,114	1,197,595	1,231,985	1,286,925	1,314,968
Nondurable goods	63,949	69,735	74,680*	80,819	80,548*	88,727	122,403	123,472	124,066	127,007	131,083	132,448
Food and kindred products	17,025	17,848*	20,347*	21,517*	21,111*	22,860	27,920	23,817	25,233	27,825	28,846	30,314
Textile mill products	0	0	0	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	9,146	9,568	9,383	10,462	9,588	10,072	6,117*	6,357*	(D)	7,414*	9,781	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	245	(D)	(D)	6,380	7,706	8,642	9,459
Printing and publishing	8,156*	9,593*	10,324*	10,067*	9,596*	9,868*	31,296*	33,378	35,557	37,103*	38,571*	40,176*
Chemicals and allied products	26,325*	28,646*	31,921*	34,978	(D)	35,971*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	584	491	299	189	137	1,093	6,681*	6,755*	4,010*	845*	399*	1,262*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	2,870*	3,723	4,520	(D)	(D)	9,432*	10,171	11,414	11,583
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	114,874	123,358	(D)	131,771	(D)	163,773	1,019,158	1,057,642	1,073,529	1,104,978	1,155,842	1,182,520
Lumber and wood products	6,335*	6,216*	6,437*	6,962	5,539*	4,626	4,183	3,836	3,894	5,075	6,469	7,179
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	28,777*	20,619*	17,816*	16,174*	30,531*	30,616*
Machinery, except electrical	18,212*	19,401*	9,549*	13,318*	(D)	(D)	498,148	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	19,735	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	14,478*	14,107*	16,543*	14,998*	16,515	13,725*	4,684	4,769	5,351	(D)	(D)	(D)
Instruments and related products	416	535	(D)	(D)	(D)	(D)	114,952	115,786	123,446	126,373	123,694	134,778
Miscellaneous manufacturing industries	249*	300*	402*	459*	517*	224*	1,396*	1,495*	(D)	(D)	(D)	(D)
Transportation and public utilities	102,432	106,579	111,653	118,757	122,794	123,492	128,915	134,523	137,557	148,563	153,948	159,308
Railroad transportation	2,647	2,822	2,600	2,084	2,382	2,400	7,017	6,197	6,401	8,419	8,036*	8,129*
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	29,886	31,847	32,802	37,021	36,492	36,402
Water transportation	11,290*	9,851*	9,623*	8,135*	9,260	8,194*	(D)	(D)	(D)	(D)	(L)	(L)
Other transportation[8]	4,211*	4,295	5,486	6,095	6,310	6,320*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	26,171	26,063*	25,388	24,904*	25,475	22,870*	26,162*	27,200*	27,072*	26,300*	30,245*	32,021
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	48,179	54,218	56,240	60,334	63,232	68,936	105,835	135,998	141,310	150,426	143,371	146,675
Retail trade	163,557	168,778	176,898	174,684	184,084	192,467	192,891	208,723	224,700	238,285	265,585	274,426
Finance, insurance, and real estate	52,941	58,942	67,332	78,499	74,566	74,762	66,962	72,500	76,419	101,712	95,613	97,829
Banking and credit agencies	26,574	29,279	33,249	33,937*	33,599*	36,873	26,172*	25,713*	26,748*	28,910*	31,219*	32,130*
Other finance, insurance, and real estate[9]	26,367	29,663	34,083	40,186*	36,927*	37,889	37,786*	43,747*	46,555*	67,783*	60,224*	61,831*
Services	229,661	251,079	278,677	309,622	344,694	374,949	392,637	435,409	456,070	522,398	586,459	647,190
Hotels and other lodging places	18,078*	17,794*	16,980*	16,076*	15,557*	15,394*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	12,487	14,593	16,194	16,813	18,639	21,051	19,098	23,572	25,785	26,637	30,301	34,017
Private households	7,803	7,322*	7,814	7,771	8,177	8,538	7,354	7,369	7,335	7,309	7,714	8,059
Business services	41,347	48,926	53,810	64,173	71,145	74,702	52,004	54,072	59,084	67,737	78,562	90,599
Auto repair, services, and garages	10,939	12,394	13,378	13,402	13,760	14,668	14,562	15,115	15,920	16,571	18,962	20,645
Miscellaneous repair services	5,204	5,042	5,451	5,246	10,112	9,221	4,728	4,694	5,458	6,095	7,409	7,577
Amusement and recreation services	4,561	5,364	5,235	(D)	(D)	(D)	5,947	6,896	7,442	8,088	8,188	8,594
Motion pictures	(D)	651	619	525*	705*	783*	(D)	(D)	(D)	(D)	(D)	774*
Health services	59,483	68,056	75,117	86,036	97,073	104,970	181,298	208,476	210,211	246,641	274,508	302,902
Legal services	22,473	21,661	25,733	29,696	32,894	36,206	24,959	27,372	29,985	31,754	34,831	37,764
Educational services	5,550	6,237	(D)	(D)	(D)	15,691*	4,479	4,815	4,781	5,320	5,617	5,810
Social services	6,263	6,600	6,705	7,572	7,940	8,609	16,440	18,524	20,965	22,488	24,154	27,403
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	956*	1,003*	1,016*	1,153*
Membership organizations	7,680	7,925	7,526	7,730	7,595	7,533	20,123	19,504	20,120	22,780	25,560	27,096
Miscellaneous services	26,667	27,606	36,990	38,066	41,936	48,607	31,997	35,177	39,256	49,231	58,206	63,833
Government and government enterprises	572,180	603,380	625,682	663,607	680,766	718,413	350,193	371,216	395,683	419,547	457,478	491,784
Federal, civilian	192,937	209,327	205,998	225,118	240,038	252,020	24,749	26,425	24,884	27,185	29,973	30,922
Military	264,891	268,040	284,242	295,667	283,594	292,593	3,292	3,672	3,815	4,119	4,405	4,450
State and local	114,352	126,013	135,442	142,822	157,134	173,800	322,152	341,119	366,984	388,243	423,100	456,412

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Birmingham, AL (MSA)						Bismarck, ND (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**10,412,400**	**11,166,248**	**11,909,870**	**12,716,428**	**13,708,445**	**14,679,106**	**1,022,006**	**1,056,249**	**1,094,348**	**1,135,111**	**1,162,370**	**1,236,122**
Nonfarm personal income	10,360,818	11,121,602	11,865,513	12,657,132	13,630,919	14,584,245	1,005,687	1,037,505	1,065,201	1,104,414	1,139,209	1,215,601
Farm income[1]	51,582	44,646	44,357	59,296	77,526	94,861	16,319	18,744	29,147	30,697	23,161	20,521
Population (thousands)[2]	896.1	904.5	910.9	920.4	923.4	927.1	85.2	85.7	86.4	85.7	85.8	85.6
Per capita personal income (dollars)	**11,619**	**12,345**	**13,075**	**13,816**	**14,846**	**15,833**	**11,989**	**12,318**	**12,666**	**13,248**	**13,554**	**14,447**
Derivation of total personal income:												
Total earnings by place of work	7,921,850	8,555,696	9,132,890	9,810,355	10,595,410	11,213,846	733,647	762,323	793,830	835,133	866,341	913,152
Less: Personal contributions for social insurance[3]	488,076	550,707	567,865	597,449	670,595	733,458	44,459	49,044	54,407	58,136	63,836	70,428
Plus: Adjustment for residence	−118,573	−139,918	−128,190	−159,198	−176,807	−159,763	28,523	18,636	13,524	14,712	12,936	10,714
Equals: Net earnings by place of residence	7,315,201	7,865,071	8,436,835	9,053,708	9,748,008	10,320,625	717,711	731,915	752,947	791,709	815,441	853,438
Plus: Dividends, interest, and rent[5]	1,405,073	1,541,552	1,612,482	1,722,918	1,899,303	2,161,440	170,263	177,684	180,703	172,789	172,107	190,930
Plus: Transfer payments	1,692,126	1,759,625	1,860,553	1,939,802	2,061,134	2,197,041	134,032	146,650	160,698	170,613	174,822	191,754
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,514,426	7,076,891	7,500,464	8,023,165	8,625,825	9,105,337	589,104	610,028	622,821	654,984	684,375	724,426
Other labor income	702,355	726,539	768,947	805,415	878,502	933,728	51,936	51,272	52,013	52,710	55,054	59,233
Proprietors' income[6]	705,069	752,266	863,479	981,775	1,091,083	1,174,781	92,607	101,023	118,996	127,439	126,912	129,493
Farm	46,104	39,237	39,044	53,744	72,004	89,306	13,405	15,806	26,191	27,517	19,921	17,164
Nonfarm	658,965	713,029	824,435	928,031	1,019,079	1,085,475	79,202	85,217	92,805	99,922	106,991	112,329
Earnings by industry:												
Farm	51,582	44,646	44,357	59,296	77,526	94,861	16,319	18,744	29,147	30,697	23,161	20,521
Nonfarm	7,870,268	8,511,050	9,088,533	9,751,059	10,517,884	11,118,985	717,328	743,579	764,683	804,436	843,180	892,631
Private	6,804,342	7,345,175	7,844,549	8,439,857	9,121,477	9,605,588	573,222	588,455	603,293	634,206	667,456	703,773
Agricultural services, forestry, fisheries, and other[7]	27,110*	28,565*	(D)	38,144	(D)	41,675*	2,994	2,769	2,447	3,811	3,648	3,920
Agricultural services	23,614	25,595*	(D)	(D)	34,206*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	4,202*	(D)	2,164*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	286,981*	311,460*	263,078	247,869	249,675*	255,713*	8,055	8,534	8,216	8,706	9,086	9,632
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	11,626*	17,239*	5,087*	5,714*	(D)	(D)	809	1,230	862	1,158*	1,253*	1,329
Metal mining	(L)	(L)	(L)	72	(D)	(D)	(D)	(D)	(D)	(D)	93	103
Nonmetallic minerals, except fuels	(D)	(D)	(D)	26,824*	(D)	36,156*	(D)	(D)	(D)	(D)	380	(D)
Construction	509,687	560,585	620,017	677,316	738,250	717,401	57,327	51,817	52,422	51,507	52,720	50,830
Manufacturing	1,248,996	1,323,801	1,352,828	1,390,528	1,533,395	1,582,342	46,849	47,540	48,786	51,742	57,025	62,857
Nondurable goods	352,046	370,882	405,555	433,487	460,020	466,221	28,950	29,515	30,615	31,646	33,685	35,417
Food and kindred products	111,600*	117,163*	126,733*	130,614*	(D)	(D)	10,749	11,047	10,838	11,558	12,635	12,684
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	(D)	(D)	33,912*	35,896*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	25,813*	28,490*	29,442*	28,920*	0	0	0	0	0	0
Printing and publishing	108,987*	121,696*	132,926*	141,438*	155,443*	164,709*	(D)	6,555	6,999	(D)	(D)	(D)
Chemicals and allied products	25,042*	25,609*	27,735	32,177	(D)	(D)	(D)	0	0	0	0	0
Petroleum and coal products	6,882	6,877	7,250	7,315	6,851	6,250	11,886	11,651*	12,477*	12,045*	12,651*	13,559
Tobacco manufactures	292	281	311	(D)	(D)	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	67	(D)	(D)	0	0	0	0	0	0
Durable goods	896,950	952,919	947,273	957,041	1,073,375	1,116,121	17,899	18,025	18,171	20,096	23,340	27,440
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	707	756	959
Furniture and fixtures	35,575*	38,647*	45,028*	42,984*	39,683*	42,380*	(D)	(D)	(D)	0	(L)	(D)
Primary metal industries	359,713*	390,635*	375,091*	381,199*	444,333*	432,027*	0	0	0	0	0	0
Fabricated metal products	154,545*	159,561*	163,866	150,570*	167,248*	211,136*	974	1,131	(D)	(D)	(D)	2,217
Machinery, except electrical	82,094	91,448	96,434	95,080	105,341	113,869	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	50,140*	48,889*	0	(D)	(D)	(D)	(D)	0
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)
Motor vehicles and equipment	(D)	15,101*	13,365*	(D)	(D)	(D)	0	0	0	0	0	(D)
Stone, clay, and glass products	(D)	(D)	79,677*	82,494*	90,888*	82,553	(D)	4,765	4,215	4,227	4,717	(D)
Instruments and related products	5,897*	3,667*	3,468*	4,428*	4,645*	4,614*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	402	517	599	668	644	759*
Transportation and public utilities	980,747	957,413	902,637*	1,021,900	1,225,303	1,290,358	92,116	97,683	97,717	97,658	98,436	102,238
Railroad transportation	(D)	94,218	88,585	83,175	85,171	83,006	13,885	13,547	13,218	13,028	13,526	14,226
Trucking and warehousing	187,543	188,817	199,864	208,653	220,933	232,166	18,970	20,110	21,201	21,657	22,318	23,506
Water transportation	2,915	3,136	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	31,429*	35,428*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	291,933*	267,704*	308,116*	484,568*	514,666*	16,685	16,182	15,818	15,373	15,601	15,487
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	38,144	43,125	42,616	42,765	42,224	43,859
Wholesale trade	703,123	778,556	815,332	858,535	937,285	1,019,595	57,719	56,988	54,725	54,299	55,264	59,533
Retail trade	752,041	793,181	869,455	909,092	968,039	995,666	83,183	85,765	85,727	88,231	93,668	97,684
Finance, insurance, and real estate	564,204	633,227	715,855	818,084	816,936	838,870	34,394	35,564	37,364	42,004	40,395	40,319
Banking and credit agencies	182,940*	216,593*	258,754*	275,486*	281,808*	289,145*	13,218	13,174	13,659	13,942	13,210	13,401
Other finance, insurance, and real estate[9]	359,982*	399,218*	438,370*	519,461*	485,639*	504,690*	21,176	22,390	23,705	28,062	27,185	26,918
Services	1,728,005	1,954,154	2,220,038	2,478,389	2,607,869	2,858,811	190,585	201,795	215,889	236,248	257,214	276,760
Hotels and other lodging places	22,802*	24,583*	29,779*	34,089*	33,085*	32,934*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	69,386	79,650	88,158	93,613	107,895	118,174	10,180	12,667	13,242	14,500	16,268	17,705
Private households	38,973	39,254	39,268	39,376	41,590	43,540	(D)	(D)	(D)	(D)	(D)	(D)
Business services	262,321	380,387	462,285	531,929	432,067	478,855	13,996	14,229	15,401	16,131	17,931	20,082
Auto repair, services, and garages	71,979	78,933	86,749	84,044	87,341	91,515	5,460	6,619	7,588	7,806	8,105	8,683
Miscellaneous repair services	38,792	37,815	42,445	44,032	51,098	56,810	2,555	2,532	3,113	3,375	3,663	3,924
Amusement and recreation services	20,804*	23,623*	20,460*	29,780	28,716	33,057	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	3,961*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	660,021	700,716	762,003	868,660	970,065	1,044,485	95,541	99,955	105,331	119,262	130,307	139,344
Legal services	156,384	178,277	212,652	236,269	267,558	299,729	12,648	14,448	15,997	16,846	18,156	19,237
Educational services	38,589*	42,236*	45,835*	49,066*	52,409*	56,581*	7,516	8,569	8,976	9,439	9,616	10,172
Social services	32,841*	35,029*	39,095*	42,966*	46,478	49,778	6,361	7,497	8,424	9,726	11,076	12,356
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	296	(D)	0	0	0	0	0	0
Membership organizations	60,975	60,281	65,533	68,839	73,854	77,347	10,834	11,427	12,423	13,077	14,472	14,853
Miscellaneous services	249,033	268,090	319,494	348,738	407,283	468,510	13,159	12,052	14,046	14,577	15,735	17,285
Government and government enterprises	1,065,926	1,165,875	1,243,984	1,311,202	1,396,407	1,513,397	144,106	155,124	161,390	170,230	175,724	188,858
Federal, civilian	234,346	242,573	244,373	255,305	278,290	297,560	25,736	27,600	29,391	31,714	34,814	36,947
Military	47,444	52,551	56,853	62,458	64,742	66,726	3,874	4,156	3,767	3,710	3,835	4,011
State and local	784,136	870,751	942,758	993,439	1,053,375	1,149,111	114,496	123,368	128,232	134,806	137,075	147,900

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Bloomington, IN (MSA)						Bloomington—Normal, IL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,021,048**	**1,072,706**	**1,156,299**	**1,245,421**	**1,335,478**	**1,443,820**	**1,601,834**	**1,696,063**	**1,789,558**	**1,887,289**	**2,044,751**	**2,301,617**
Nonfarm personal income	1,019,759	1,072,285	1,154,484	1,243,427	1,334,492	1,441,640	1,562,264	1,635,719	1,733,080	1,846,489	2,014,999	2,246,588
Farm income[1]	1,289	421	1,815	1,994	986	2,180	39,570	60,344	56,478	40,800	29,752	55,029
Population (thousands)[2]	101.4	101.5	101.7	102.7	103.1	103.8	122.7	123.1	121.9	123.5	124.7	125.4
Per capita personal income (dollars)	**10,072**	**10,567**	**11,371**	**12,133**	**12,959**	**13,905**	**13,052**	**13,775**	**14,677**	**15,285**	**16,402**	**18,357**
Derivation of total personal income:												
Total earnings by place of work	788,622	839,049	915,864	1,005,372	1,087,922	1,167,397	1,185,460	1,259,780	1,334,935	1,441,044	1,568,710	1,788,720
Less: Personal contributions for social insurance[3]	39,011	43,682	47,922	51,302	58,059	64,349	69,616	76,928	83,990	90,231	102,947	119,713
Plus: Adjustment for residence	−25,000	−35,798	−47,420	−60,470	−72,128	−80,228	5,673	11,888	8,484	5,333	9,314	−650
Equals: Net earnings by place of residence	724,611	759,569	820,522	893,600	957,735	1,022,820	1,121,517	1,194,740	1,259,429	1,356,146	1,475,077	1,668,357
Plus: Dividends, interest, and rent[5]	166,568	174,816	186,806	191,739	204,549	234,737	295,261	297,209	315,154	304,644	330,204	379,114
Plus: Transfer payments	129,869	138,321	148,971	160,082	173,194	186,263	185,056	204,114	214,975	226,499	239,470	254,146
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	641,101	683,571	746,233	817,060	882,585	945,828	943,360	991,662	1,051,686	1,144,897	1,253,819	1,412,325
Other labor income	67,796	69,317	75,187	80,909	88,057	95,750	97,323	98,506	104,099	109,872	120,306	144,744
Proprietors' income[6]	79,725	86,161	94,444	107,403	117,280	125,819	144,777	169,612	179,150	186,275	194,585	231,651
Farm	961	120	1,534	1,714	723	1,935	33,930	54,736	50,975	35,079	24,116	49,398
Nonfarm	78,764	86,041	92,910	105,689	116,557	123,884	110,847	114,876	128,175	151,196	170,469	182,253
Earnings by industry:												
Farm	1,289	421	1,815	1,994	986	2,180	39,570	60,344	56,478	40,800	29,752	55,029
Nonfarm	787,333	838,628	914,049	1,003,378	1,086,936	1,165,217	1,145,890	1,199,436	1,278,457	1,400,244	1,538,958	1,733,691
Private	560,730	592,495	644,769	707,669	776,784	827,610	975,462	1,022,784	1,088,936	1,199,529	1,317,522	1,503,489
Agricultural services, forestry, fisheries, and other[7]	2,331	2,690	2,822	4,689	4,415	4,776	10,132	10,748	10,324	20,527	22,892	21,047
Agricultural services	2,269	2,610	2,743	4,626	4,332	4,711	10,105	10,718	10,293	20,492	22,849	21,005
Forestry, fisheries, and other[7]	62	80	79	63	83	65	(L)	(L)	(L)	(L)	(L)	(L)
Mining	7,051	8,713	7,986	8,297	10,044	7,268	1,572	2,358	725	771	1,169	1,218
Coal mining	237	(D)	(D)	81	100	105	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,337	1,789	592	627	913	984	1,555	2,342	701	761	1,156	1,204
Metal mining	0	(D)	(D)	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	5,477	6,688	7,208	7,589	9,031	6,179	(L)	(L)	(L)	(L)	(L)	(L)
Construction	41,438	48,310	54,948	62,615	70,646	69,328	55,236	51,157	64,127	80,471	83,075	81,740
Manufacturing	189,502	185,808	201,858	225,678	246,267	264,447	123,182	114,118	123,881	137,401	161,014	244,577
Nondurable goods	15,296	17,669	21,281	29,873	33,183	35,667	43,748	43,687	52,682	53,568	41,637	43,727
Food and kindred products	3,186	3,327	3,456	3,103	2,483	2,339	17,177	16,209	23,291	22,960	21,963	22,220
Textile mill products	0	0	0	0	0	0	(D)	(D)	0	0	0	0
Apparel and other textile products	(D)	812	(D)	(D)	(D)	331	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	6,075	5,732	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	6,967	7,756	9,056	14,673	15,588	17,983	14,665	15,234	16,156	17,668	15,739	17,504
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,608	3,049	4,566	6,953	7,211	8,322	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	174,206	168,139	180,577	195,805	213,084	228,780	79,434	70,431	71,199	83,833	119,377	200,850
Lumber and wood products	1,599	1,673	1,550	1,482	1,961	1,788	(D)	(D)	(D)	(D)	1,524	1,194
Furniture and fixtures	(D)	212	(D)	377	556	763	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	0	2,111	2,022	2,116	3,910	2,712	2,717
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	6,379	6,007	5,851	7,201	13,130	17,435
Electric and electronic equipment	116,385	109,678	118,396	126,568	130,838	135,898	66,665	59,191	59,121	62,819	66,162	65,209
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)
Stone, clay, and glass products	5,634	6,000	6,810	8,043	8,780	12,936	746	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	613	548	601	623	957	845
Miscellaneous manufacturing industries	1,802	(D)	2,697	2,958	3,555	3,776	1,247	1,222	1,304	1,607	1,774	2,325
Transportation and public utilities	46,279	46,916	51,365	54,653	55,771	57,575	114,372	114,650	119,283	94,389	97,655	101,925
Railroad transportation	3,458	3,131	(D)	3,035	3,524	3,665	7,205	6,315	6,372	6,876	4,354	1,998
Trucking and warehousing	15,089	14,272	15,235	15,986	16,660	17,079	25,866	24,270	26,324	27,577	30,649	33,830
Water transportation	(L)	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Other transportation[8]	2,586	(D)	4,075	4,234	4,081	4,721	2,763	(D)	(D)	(D)	(D)	(D)
Communication	16,310	18,237	19,304	20,291	20,586	21,344	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	8,849	(D)	(D)	11,110	10,909	(D)	(D)	28,910	36,642	9,898	11,178	10,798
Wholesale trade	30,269	31,280	32,422	31,245	34,689	38,076	64,425	62,763	65,511	68,693	69,361	80,241
Retail trade	91,452	98,279	105,174	110,748	117,828	124,299	108,135	111,864	112,812	122,817	138,883	158,661
Finance, insurance, and real estate	22,791	26,543	29,976	35,532	36,577	38,113	275,963	309,559	318,369	360,230	390,171	428,739
Banking and credit agencies	(D)	10,511	11,426	12,027	(D)	(D)	25,388	28,198	30,979	36,100	38,312	40,674
Other finance, insurance, and real estate[9]	(D)	16,032	18,550	23,505	(D)	(D)	250,575	281,361	287,390	324,130	351,859	388,065
Services	129,617	143,956	158,218	174,212	200,547	223,728	222,445	245,567	273,904	314,230	353,302	385,341
Hotels and other lodging places	4,461	4,875	5,244	5,522	6,569	6,953	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	8,833	12,021	12,680	12,581	15,018	17,540	11,021	13,070	14,477	19,502	23,047	27,152
Private households	2,185	2,186	2,176	2,178	2,296	(D)	3,181	3,180	3,162	3,110	3,279	3,433
Business services	17,649	20,102	23,179	26,639	33,076	36,048	48,583	52,983	59,617	69,049	77,336	92,074
Auto repair, services, and garages	5,009	5,459	6,209	7,045	7,773	8,528	12,048	12,557	14,079	14,983	16,045	17,892
Miscellaneous repair services	3,177	2,826	3,026	3,125	3,509	3,691	3,661	2,728	3,591	3,634	4,106	4,675
Amusement and recreation services	2,114	2,413	3,798	3,663	4,847	3,756	2,713	2,797	3,219	3,870	4,585	5,292
Motion pictures	1,542	1,646	1,722	1,953	2,020	2,242	910	837	1,042	1,010	1,938	2,007
Health services	57,969	63,077	67,360	75,418	83,998	94,448	75,519	86,065	92,447	104,715	113,498	122,611
Legal services	4,730	5,620	6,577	6,662	7,643	9,105	12,848	15,195	15,949	15,846	21,871	18,269
Educational services	1,172	1,382	1,266	1,563	1,777	1,959	(D)	(D)	(D)	12,483	13,156	13,599
Social services	4,462	4,838	5,261	6,029	6,718	8,216	6,943	9,099	10,531	13,134	13,912	15,307
Museums, botanical, zoological gardens	0	0	0	0	0	(D)	0	0	0	(D)	(D)	(D)
Membership organizations	8,160	8,603	9,269	9,855	10,804	11,555	15,726	16,199	17,025	18,299	20,818	22,080
Miscellaneous services	8,154	8,908	10,451	11,979	14,499	17,245	15,642	17,594	24,573	29,560	34,582	38,477
Government and government enterprises	226,603	246,133	269,280	295,709	310,152	337,607	170,428	176,652	189,521	200,715	221,436	230,202
Federal, civilian	8,162	8,723	8,978	9,408	10,438	11,224	13,198	13,993	15,235	21,575	23,186	23,452
Military	3,005	3,468	4,101	4,491	4,467	4,565	1,815	2,005	2,184	2,391	2,569	2,593
State and local	215,436	233,942	256,201	281,810	295,247	321,818	155,415	160,654	172,102	176,749	195,681	204,157

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Boise City, ID (MSA)						Boston—Lawrence—Salem—Lowell—Brockton, MA (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,485,921**	**2,666,101**	**2,748,639**	**2,931,518**	**3,217,810**	**3,538,078**	**59,928,827**	**64,538,722**	**69,672,173**	**75,784,340**	**83,508,431**	**88,889,029**
Nonfarm personal income	2,469,282	2,648,441	2,726,608	2,904,106	3,187,706	3,506,362	59,823,574	64,447,305	69,554,867	75,698,860	83,412,312	88,798,089
Farm income[1]	16,639	17,660	22,031	27,412	30,104	31,716	105,253	91,417	117,306	85,480	96,119	90,940
Population (thousands)[2]	189.0	192.4	195.0	197.5	200.7	205.8	3,699.8	3,711.1	3,729.9	3,727.7	3,735.7	3,743.3
Per capita personal income (dollars)	**13,154**	**13,854**	**14,094**	**14,840**	**16,035**	**17,194**	**16,198**	**17,391**	**18,679**	**20,330**	**22,354**	**23,746**
Derivation of total personal income:												
Total earnings by place of work	1,939,569	2,071,959	2,120,862	2,267,275	2,530,087	2,771,547	47,737,191	52,321,367	57,038,584	62,838,697	69,271,723	71,947,406
Less: Personal contributions for social insurance[3]	128,989	145,562	144,127	150,580	170,095	193,229	2,678,421	3,072,085	3,484,327	3,658,828	4,181,422	4,487,872
Plus: Adjustment for residence	−3,721	−10,179	−6,737	−2,761	−8,769	−10,923	−3,620,801	−4,137,847	−4,596,227	−5,262,308	−5,771,759	−5,978,984
Equals: Net earnings by place of residence	1,806,859	1,916,218	1,969,998	2,113,934	2,351,223	2,567,395	41,437,969	45,111,435	48,958,030	53,917,561	59,318,542	61,480,550
Plus: Dividends, interest, and rent[5]	382,442	420,783	429,308	446,853	468,680	541,864	10,527,588	11,194,070	11,855,950	12,585,285	14,080,869	16,048,388
Plus: Transfer payments	296,620	329,100	349,333	370,731	397,907	428,819	7,963,270	8,233,217	8,858,193	9,281,494	10,109,020	11,360,091
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,510,226	1,627,483	1,659,240	1,732,328	1,934,847	2,125,272	39,911,588	43,705,747	47,580,314	52,280,976	57,491,657	59,517,097
Other labor income	144,605	149,537	150,883	157,086	175,118	198,056	3,962,455	4,119,520	4,415,325	4,708,622	5,125,077	5,351,133
Proprietors' income[6]	284,738	294,939	310,739	377,861	420,122	448,219	3,863,148	4,496,100	5,042,945	5,849,099	6,654,989	7,079,176
Farm	11,115	12,244	16,679	21,777	24,471	26,023	79,524	66,124	92,617	59,937	70,665	65,379
Nonfarm	273,623	282,695	294,060	356,084	395,651	422,196	3,783,624	4,429,976	4,950,328	5,789,162	6,584,324	7,013,797
Earnings by industry:												
Farm	16,639	17,660	22,031	27,412	30,104	31,716	105,253	91,417	117,306	85,480	96,119	90,940
Nonfarm	1,922,930	2,054,299	2,098,831	2,239,863	2,499,983	2,739,831	47,631,938	52,229,950	56,921,278	62,753,217	69,175,604	71,856,466
Private	1,599,062	1,708,242	1,739,963	1,861,783	2,090,840	2,298,708	41,930,781	46,071,580	50,294,497	55,618,913	61,363,549	63,563,087
Agricultural services, forestry, fisheries, and other[7]	9,753	9,328	9,551	13,734	15,980	17,964	154,046	204,175	245,326	291,094	331,196	328,132
Agricultural services	8,568	8,483	8,946	12,791	15,084	16,777	130,015	155,148	179,447	230,484	259,570	(D)
Forestry, fisheries, and other[7]	1,185	845	605	943	896	1,187	24,031	49,027	65,879	60,610	71,626	(D)
Mining	5,305	6,918	6,526	6,858	8,720	10,795	119,912	166,455	74,686	82,323	109,918	101,512
Coal mining	(D)	(L)	(L)	(D)	(D)	(L)	486	(D)	(D)	(D)	261	175*
Oil and gas extraction	(D)	5,249	1,768	1,772	2,666	2,955	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	657	667	535	(D)	(D)	4,563	(D)	(D)	(D)	(D)	71	(D)
Nonmetallic minerals, except fuels	1,203	1,001	4,222	2,116	2,830	3,276	18,015*	22,632*	31,493*	35,615*	44,908*	33,062*
Construction	317,961	305,377	265,801	245,036	274,468	291,980	2,355,837	2,721,871	3,251,229	3,775,139	4,214,508	3,982,391
Manufacturing	270,586	305,788	312,311	352,007	436,893	519,191	11,891,257	12,522,956	12,549,165	12,731,927	13,415,696	13,389,566
Nondurable goods	61,716	82,571	74,904	75,947	79,151	88,390	2,800,747	2,874,810	2,972,867	3,114,198	3,305,883	3,319,538
Food and kindred products	39,938	47,585	42,175	40,910	47,717	54,698	373,174	389,556	407,152	410,272	430,251	435,909
Textile mill products	(D)	(L)	0	(D)	(D)	(D)	161,819	169,753	162,724	152,330*	164,339*	167,032*
Apparel and other textile products	213	(D)	(D)	(D)	(D)	(D)	207,727	196,782	183,618	182,046	187,616	169,382
Paper and allied products	1,661	(D)	(D)	(D)	(D)	(D)	295,725	280,316	267,968*	268,230	268,390*	270,927
Printing and publishing	17,100	24,455	22,150	23,062	23,627	25,324	873,314	957,796	1,041,582	1,148,947	1,239,870	1,254,563
Chemicals and allied products	(D)	434	741	424	438	454	368,796	383,098	400,972	425,640	459,883	517,367
Petroleum and coal products	0	0	0	0	0	0	42,182	41,355	43,633*	49,165*	57,460*	58,674*
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	132	99	120	144	303	141
Rubber and misc. plastic products	1,770	5,604	5,466	6,153	2,185	(D)	293,959	290,216	314,164	320,066	312,695	269,493*
Leather and leather products	841	1,297	1,907	2,436	2,076	2,169	183,919	165,839	146,849	150,341	157,243	146,428
Durable goods	208,870	223,217	237,407	276,060	357,742	430,801	9,090,510	9,648,146	9,576,298	9,617,729	10,109,813	10,070,028
Lumber and wood products	63,057	73,450	75,841	89,179	103,710	120,394	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	738	853	652	844	1,024	1,556	66,264	72,829	81,594	89,988	87,281	74,828
Primary metal industries	267	171	189	208	296	336	(D)	(D)	(D)	182,834	178,245	175,149
Fabricated metal products	7,696	7,950	8,439	9,974	11,917	13,146	629,756	654,018	656,939	666,732	710,841	705,273
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	2,326,540	2,482,300	2,377,066	2,757,147	2,932,644	2,934,465
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,823,985	3,066,105	3,059,918	2,595,239	2,730,814	2,771,636
Transportation equip. excl. motor vehicles	1,324	1,579	1,743	2,292	2,704	2,842	(D)	(D)	1,145,463*	1,176,789*	1,127,712*	1,183,223*
Motor vehicles and equipment	929	4,385	5,175	5,910	7,555	9,114	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,356	2,578	2,991	2,889	3,207	4,575	96,902	109,106	109,776	120,484	131,090	130,882
Instruments and related products	1,228	1,569	1,410	1,538	1,606	1,624	1,514,544	1,497,480	1,552,000	1,634,256	1,805,610	1,750,170
Miscellaneous manufacturing industries	3,348	4,261	4,805	5,764	6,801	6,431	147,291	141,329	134,860	136,093	162,775	147,152
Transportation and public utilities	147,882	165,374	163,783	164,896	174,659	187,637	2,819,408	2,940,987	2,955,249	3,223,195	3,450,558	3,483,575
Railroad transportation	1,357	1,208	(D)	652	(D)	654	111,992	96,784	85,843*	90,625*	95,592	87,671*
Trucking and warehousing	46,711	53,881	54,376	49,853	52,212	56,217	535,794	551,073	580,584	626,397	649,344	631,442
Water transportation	(D)	(D)	(L)	(D)	(L)	(D)	42,284	49,248	55,617	58,962	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	616,064	684,085	668,245*	(D)	(D)	(D)
Communication	38,180	43,138	40,736	45,941	47,470	48,598	1,041,774	1,058,980	979,216	1,092,997	1,142,534	1,106,671
Electric, gas, and sanitary services	42,529	45,148	45,541	44,658	47,513	52,055	471,500	500,817	516,002	562,893	653,421	707,214
Wholesale trade	125,128	138,562	140,124	149,576	161,613	176,707	3,260,866	3,577,561	3,913,820	4,575,064	5,182,842	5,416,488
Retail trade	221,854	227,391	229,261	242,057	274,213	298,026	4,298,989	4,754,854	5,266,109	5,699,696	6,219,253	6,371,516
Finance, insurance, and real estate	140,643	147,618	164,612	186,983	181,439	192,403	3,536,796	3,997,055	4,725,717	5,939,194	6,446,005	6,349,471
Banking and credit agencies	61,686	57,906	62,157	60,074	(D)	(D)	(D)	(D)	1,493,561	1,713,087	1,941,814	(D)
Other finance, insurance, and real estate[9]	78,957	89,712	102,455	126,909	(D)	(D)	2,197,428*	(D)	3,232,156	4,226,107	4,504,191	(D)
Services	359,950	401,886	447,994	500,636	562,855	604,005	13,493,670	15,185,666	17,313,196	19,301,281	21,993,573	24,140,436
Hotels and other lodging places	8,539	8,034	8,232	9,451	9,384	8,400	259,407	301,624	338,395	395,220	425,260	503,409
Personal services	19,234	21,941	24,613	28,478	33,282	38,277	375,154	456,361	501,529	545,813	628,383	699,805
Private households	4,309	(D)	(D)	(D)	(D)	4,751	102,134	102,664	102,124	101,959	107,919	113,028
Business services	59,940	70,146	73,432	84,785	(D)	(D)	3,446,378	4,123,959	4,853,906	5,521,589	6,309,958	6,838,533
Auto repair, services, and garages	19,361	21,414	22,343	24,818	26,587	29,865	373,848	428,941	479,129	499,607	545,079	572,935
Miscellaneous repair services	10,983	10,564	12,484	12,287	14,228	15,905	182,395	184,150	216,117	224,156	257,559	277,344
Amusement and recreation services	6,351	7,076	7,913	8,862	9,898	10,950	188,090	219,966	248,153	280,847	319,014	324,867
Motion pictures	1,171	(D)	(D)	(D)	(D)	(D)	54,156	57,932*	71,507*	87,984	100,781	110,301
Health services	126,274	139,324	149,972	176,121	195,019	212,036	3,708,369	4,030,124	4,372,582	4,843,506	5,526,082	6,200,500
Legal services	34,558	39,298	45,366	46,413	50,879	55,312	981,277	1,117,129	1,337,671	1,496,283	1,728,852	1,915,868
Educational services	4,736	5,374	5,601	7,258	8,126	8,586	1,462,195	1,573,650	1,764,711	1,898,429	2,047,104	2,250,335
Social services	8,523	9,279	10,211	12,038	14,515	17,279	339,181	392,937	451,186	535,009	634,653	708,159
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	24,740*	29,030*	32,428*	38,460*	44,818*	51,015
Membership organizations	17,854	18,272	19,614	20,775	23,329	24,844	312,110*	316,590*	352,456*	398,145*	453,581*	527,856
Miscellaneous services	38,117	45,624	62,577	63,858	69,156	57,295	1,659,389	1,819,909	2,156,076	2,399,497	2,822,927	3,046,481
Government and government enterprises	323,868	346,057	358,868	378,080	409,143	441,123	5,701,157	6,158,370	6,626,781	7,134,304	7,812,055	8,293,379
Federal, civilian	102,728	109,319	111,197	116,190	127,460	135,514	1,221,774	1,283,180	1,299,465	1,374,080	1,495,980	1,560,936
Military	5,961	6,357	7,564	8,119	8,288	8,361	322,178	330,023	356,003	373,507	389,918	398,421
State and local	215,179	230,381	240,107	253,771	273,395	297,248	4,157,205	4,545,167	4,971,313	5,386,717	5,926,157	6,334,022

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Boulder—Longmont, CO (PMSA)						Bradenton, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,281,619**	**3,479,232**	**3,667,209**	**3,925,317**	**4,141,287**	**4,428,134**	**2,323,894**	**2,527,996**	**2,718,536**	**2,921,552**	**3,163,982**	**3,529,747**
Nonfarm personal income	3,261,984	3,462,106	3,647,207	3,904,551	4,117,352	4,403,233	2,225,441	2,428,538	2,614,388	2,825,396	3,063,248	3,423,040
Farm income[1]	19,635	17,126	20,002	20,766	23,935	24,901	98,453	99,458	104,148	96,156	100,734	106,707
Population (thousands)[2]	209.8	212.6	214.5	216.4	217.9	219.2	169.6	174.6	178.7	182.8	186.9	191.0
Per capita personal income (dollars)	**15,638**	**16,362**	**17,098**	**18,138**	**19,005**	**20,203**	**13,705**	**14,477**	**15,210**	**15,986**	**16,927**	**18,482**
Derivation of total personal income:												
Total earnings by place of work	2,410,721	2,473,371	2,589,903	2,833,787	3,043,872	3,259,635	1,098,064	1,166,473	1,281,571	1,427,046	1,535,823	1,675,766
Less: Personal contributions for social insurance[3]	128,356	138,553	148,899	161,790	179,127	198,319	57,915	65,258	72,070	78,636	90,190	104,884
Plus: Adjustment for residence	198,340	285,325	307,807	276,714	245,119	215,748	92,133	109,101	110,839	121,404	135,879	134,861
Equals: Net earnings by place of residence	2,480,705	2,620,143	2,748,811	2,948,711	3,109,864	3,277,064	1,132,282	1,210,316	1,320,340	1,469,814	1,581,512	1,705,743
Plus: Dividends, interest, and rent[5]	547,125	581,297	613,934	642,248	676,470	768,854	746,306	825,185	877,105	896,734	998,439	1,177,276
Plus: Transfer payments	253,789	277,792	304,464	334,358	354,953	382,216	445,306	492,495	521,091	555,004	584,031	646,728
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,985,880	2,029,859	2,112,559	2,284,273	2,452,720	2,623,074	823,304	872,868	957,926	1,068,698	1,160,139	1,271,945
Other labor income	194,268	186,876	192,201	209,103	225,179	243,789	81,289	82,504	91,271	101,374	109,381	120,087
Proprietors' income[6]	230,573	256,636	285,143	340,411	365,973	392,772	193,471	211,101	232,374	256,974	266,303	283,734
Farm	14,886	12,427	15,360	15,839	18,969	19,852	82,605	83,744	88,499	79,613	84,072	89,760
Nonfarm	215,687	244,209	269,783	324,572	347,004	372,920	110,866	127,357	143,875	177,361	182,231	193,974
Earnings by industry:												
Farm	19,635	17,126	20,002	20,766	23,935	24,901	98,453	99,458	104,148	96,156	100,734	106,707
Nonfarm	2,391,086	2,456,245	2,569,901	2,813,021	3,019,937	3,234,734	999,611	1,067,015	1,177,423	1,330,890	1,435,089	1,569,059
Private	2,020,213	2,050,340	2,134,720	2,344,178	2,517,474	2,702,463	858,492	915,321	1,008,221	1,162,188	1,249,975	1,366,481
Agricultural services, forestry, fisheries, and other[7]	10,891	11,813	11,967	14,240	13,623	13,882	18,161	19,965	23,565	28,118	31,926	36,579
Agricultural services	10,084	10,893	11,065	13,393	12,736	13,169	17,962	18,871	22,019	26,749	30,124	34,746
Forestry, fisheries, and other[7]	807	920	902	847	887	713	199	1,094	1,546	1,369	1,802	1,833
Mining	19,034	22,014	18,368	23,226	23,573	27,206	11,036	14,808	7,017	4,731	5,728	7,955
Coal mining	(L)	(L)	(L)	(L)	52	(D)	0	0	0	0	0	0
Oil and gas extraction	17,987	20,100	14,968	12,877	12,823	15,398	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	−1,458	−549	267	7,395	7,866	8,228	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,471	2,434	3,099	2,936	2,832	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	165,316	161,560	157,731	149,501	156,894	153,004	94,925	98,954	103,864	98,617	98,961	101,230
Manufacturing	924,298	868,219	889,086	989,107	1,044,848	1,105,746	181,713	183,677	204,661	247,789	268,411	288,986
Nondurable goods	101,709	107,698	112,990	120,517	134,542	147,891	63,863	57,153	62,189	82,999	95,544	111,314
Food and kindred products	23,199	24,242	25,502	26,003	28,352	28,085	(D)	(D)	(D)	58,049	(D)	(D)
Textile mill products	(D)	(D)	(D)	1,248	1,406	(D)	0	0	0	0	0	0
Apparel and other textile products	3,666	5,928	7,226	10,644	12,706	14,649	1,045	1,028	1,054	2,162	3,096	2,711
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	34,634	35,419	37,394	38,214	42,226	45,108	9,357	10,432	10,763	12,205	12,715	13,463
Chemicals and allied products	16,839	18,513	19,965	21,961	23,881	28,275	5,684	2,488	2,426	3,067	7,587	9,463
Petroleum and coal products	522	293	246	243	279	387	(D)	(D)	(D)	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	11,454	13,219	12,651	15,415	18,342	23,649	4,365	4,573	4,272	4,479	4,860	7,743
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	198	643	(D)	0
Durable goods	822,589	760,521	776,096	868,590	910,306	957,855	117,850	126,524	142,472	164,790	172,867	177,672
Lumber and wood products	10,084	10,374	5,943	4,903	(D)	6,724	6,913	4,705	4,777	5,413	4,551	(D)
Furniture and fixtures	6,317	4,316	3,212	3,488	4,296	5,327	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	4,300	3,916	3,812	3,346	3,265	3,207	(D)	(D)	543	(D)	(D)	(D)
Fabricated metal products	15,483	15,998	14,074	15,474	19,664	17,982	7,049	7,348	8,493	8,510	8,554	8,657
Machinery, except electrical	332,476	234,350	247,394	572,925	602,517	643,197	4,970	5,581	10,545	12,143	18,218	20,963
Electric and electronic equipment	68,822	146,592	151,047	170,507	183,742	184,302	13,201	22,113	32,013	30,280	29,047	28,829
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	367	623	38,781	43,372	48,803	60,572	63,500	58,612
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	10,776	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	18,157	19,460	18,607	16,654	17,804	16,760	16,499	15,517	15,690	23,307	23,793	28,585
Instruments and related products	330,715	(D)	(D)	50,142	41,320	47,331	8,339	8,298	9,827	8,101	7,825	9,852
Miscellaneous manufacturing industries	19,388	18,195	21,484	19,462	21,593	21,626	598	519	534	849	1,108	922
Transportation and public utilities	71,221	74,207	71,888	73,293	74,276	78,141	51,528	50,669	52,709	54,924	57,576	56,723
Railroad transportation	1,027	738	574	471	715	804	1,021	887	902	901	734	439
Trucking and warehousing	24,539	30,238	29,681	27,009	27,588	28,482	13,133	11,685	14,197	12,778	15,318	14,484
Water transportation	(L)	(L)	(L)	(L)	0	(D)	2,841	3,134	3,259	3,162	2,539	2,467
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	14,446	2,085	2,235	2,533	2,992	2,805	2,912
Communication	25,455	22,752	20,843	21,976	17,661	19,430	17,108	15,832	13,558	15,900	15,237	15,942
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	15,340	16,896	18,260	19,191	20,943	20,479
Wholesale trade	59,720	67,489	70,893	73,189	90,458	103,412	31,770	38,676	38,886	44,401	48,910	54,428
Retail trade	226,927	238,427	255,441	268,062	272,178	286,404	165,862	177,662	198,006	210,066	223,667	231,724
Finance, insurance, and real estate	74,831	83,055	97,808	119,816	109,330	104,058	56,149	56,297	57,786	93,207	75,625	71,062
Banking and credit agencies	30,852	32,700	37,167	38,683	40,136	40,941	27,345	28,818	30,547	30,438	31,340	32,612
Other finance, insurance, and real estate[9]	43,979	50,355	60,641	81,133	69,194	63,117	28,804	27,479	27,239	62,769	44,285	38,450
Services	467,975	523,556	561,538	633,744	732,294	830,610	247,348	274,613	321,727	380,335	439,171	517,794
Hotels and other lodging places	10,413	9,786	8,333	10,704	10,565	10,833	7,340	6,709	8,083	8,809	10,409	11,428
Personal services	24,858	33,735	34,210	38,411	43,717	53,845	12,162	14,707	16,016	16,767	17,545	19,413
Private households	4,023	4,079	4,094	4,106	4,318	4,528	6,210	6,393	6,525	6,675	7,216	7,724
Business services	124,130	145,064	154,624	175,340	214,440	261,268	33,118	40,287	46,220	53,910	68,559	109,544
Auto repair, services, and garages	17,296	19,881	24,047	23,829	24,326	26,892	12,361	12,221	13,588	13,338	14,615	15,113
Miscellaneous repair services	8,572	7,992	9,845	11,071	10,293	10,912	6,064	5,980	5,607	6,194	6,802	7,127
Amusement and recreation services	6,881	8,424	9,082	11,001	13,880	15,711	6,972	7,978	8,787	9,800	10,918	12,189
Motion pictures	1,626	1,807	1,878	2,006	2,313	2,268	564	669	636	(D)	(D)	(D)
Health services	119,222	133,809	143,494	173,901	195,187	214,797	95,492	105,000	117,975	158,089	177,564	194,586
Legal services	29,418	32,219	37,378	38,476	42,312	47,727	13,059	15,044	18,429	19,839	23,732	24,210
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	2,034	2,073	1,851	2,236	2,628	2,897
Social services	9,663	11,881	13,487	14,528	17,111	19,821	4,313	5,043	5,670	8,164	10,355	11,394
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Membership organizations	17,363	18,155	19,249	21,173	23,680	25,919	11,720	12,158	13,573	15,070	17,097	18,506
Miscellaneous services	85,053	87,106	92,925	98,803	116,915	121,992	35,939	40,351	58,767	60,657	70,909	82,661
Government and government enterprises	370,873	405,905	435,181	468,843	502,463	532,271	141,119	151,694	169,202	168,702	185,114	202,578
Federal, civilian	80,281	85,637	86,659	90,446	97,434	105,834	12,697	13,862	14,433	15,680	17,090	17,398
Military	6,928	7,510	8,547	8,546	8,803	9,167	2,521	2,755	2,983	2,991	3,147	3,153
State and local	283,664	312,758	339,975	369,851	396,226	417,270	125,901	135,077	151,786	150,031	164,877	182,027

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Brazoria, TX (PMSA)						Bremerton, WA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,484,850**	**2,583,625**	**2,659,700**	**2,661,842**	**2,919,073**	**3,139,476**	**2,099,362**	**2,232,223**	**2,318,280**	**2,482,730**	**2,709,891**	**2,957,529**
Nonfarm personal income	2,467,120	2,564,398	2,643,531	2,645,482	2,896,127	3,119,345	2,096,458	2,229,154	2,314,925	2,478,763	2,705,620	2,952,657
Farm income[1]	17,730	19,227	16,169	16,360	22,946	20,131	2,904	3,069	3,355	3,967	4,271	4,872
Population (thousands)[2]	185.7	187.1	186.2	183.9	184.6	183.6	164.7	167.0	168.3	174.4	180.9	186.7
Per capita personal income (dollars)	**13,378**	**13,810**	**14,287**	**14,478**	**15,817**	**17,099**	**12,750**	**13,370**	**13,777**	**14,235**	**14,984**	**15,843**
Derivation of total personal income:												
Total earnings by place of work	1,631,260	1,672,669	1,717,009	1,731,534	1,950,291	2,020,902	1,395,340	1,440,385	1,449,000	1,592,894	1,760,282	1,885,717
Less: Personal contributions for social insurance[3]	85,520	92,659	96,180	98,024	112,816	121,026	79,676	83,537	85,582	92,396	102,182	111,456
Plus: Adjustment for residence	464,806	477,242	469,659	451,100	467,971	549,628	109,707	129,315	167,179	158,963	183,156	212,520
Equals: Net earnings by place of residence	2,010,546	2,057,252	2,090,488	2,084,610	2,305,446	2,449,504	1,425,371	1,486,163	1,530,597	1,659,461	1,841,256	1,986,781
Plus: Dividends, interest, and rent[4]	277,560	308,660	321,704	314,381	340,649	390,561	300,976	332,789	356,044	357,373	384,703	450,699
Plus: Transfer payments	196,744	217,713	247,508	262,851	272,978	299,411	373,015	413,271	431,639	465,896	483,932	520,049
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,339,579	1,366,397	1,365,174	1,389,882	1,539,643	1,605,170	1,227,082	1,255,028	1,250,854	1,371,675	1,509,471	1,605,181
Other labor income	171,024	162,190	169,198	169,805	189,725	199,121	69,161	69,022	67,390	77,598	90,653	105,825
Proprietors' income[6]	120,657	144,082	182,637	171,847	220,923	216,611	99,097	116,335	130,756	143,621	160,158	174,711
Farm	14,163	15,728	12,723	12,724	19,322	16,473	2,648	2,830	3,123	3,730	4,038	4,643
Nonfarm	106,494	128,354	169,914	159,123	201,601	200,138	96,449	113,505	127,633	139,891	156,120	170,068
Earnings by industry:												
Farm	17,730	19,227	16,169	16,360	22,946	20,131	2,904	3,069	3,355	3,967	4,271	4,872
Nonfarm	1,613,530	1,653,442	1,700,840	1,715,174	1,927,345	2,000,771	1,392,436	1,437,316	1,445,645	1,588,927	1,756,011	1,880,845
Private	1,423,049	1,441,012	1,478,370	1,481,178	1,685,535	1,738,364	540,818	570,181	604,815	659,310	719,545	789,084
Agricultural services, forestry, fisheries, and other[7]	5,221	5,990	5,711	5,665	5,996	6,106	6,150	10,486	17,978	14,599	17,692	19,016
Agricultural services	4,670	4,405	3,969	4,590	4,764	4,589	3,858	3,605	3,678	5,537	6,372	7,171
Forestry, fisheries, and other[7]	551	1,585	1,742	1,075	1,232	1,517	2,292	6,881	14,300	9,062	11,320	11,845
Mining	76,195	66,790	62,504	72,775	72,723	74,769	3,540	3,922	2,536	2,812	3,532	3,496
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	74,185	65,476	60,608	71,098	69,173	72,775	1,746	2,850	934	933	1,484	(D)
Metal mining	0	0	0	0	0	0	(D)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	2,002	1,305	1,887	1,673	3,546	1,989	(D)	1,032	1,574	1,866	2,032	(D)
Construction	206,109	194,314	172,147	170,894	205,268	253,117	65,620	64,151	76,163	85,540	87,055	92,690
Manufacturing	655,364	681,361	746,579	726,319	862,363	837,351	44,525	42,620	42,762	41,211	43,473	45,145
Nondurable goods	527,140	558,057	616,204	614,425	722,959	715,986	8,404	8,703	9,901	10,702	11,956	12,555
Food and kindred products	3,557	3,651	3,258	3,153	(D)	9,831	978	1,020	1,144	1,176	991	259
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	(D)
Apparel and other textile products	0	0	0	(D)	(D)	121	(D)	(D)	(D)	(D)	(D)	4,409
Paper and allied products	0	(D)	0	0	0	(D)	0	0	0	0	(D)	(D)
Printing and publishing	4,499	4,966	5,559	6,079	5,042	4,849	6,287	6,377	6,753	7,071	6,791	6,558
Chemicals and allied products	448,911	483,369	543,259	537,200	630,067	625,733	0	0	0	0	0	0
Petroleum and coal products	68,587	64,256	62,235	65,963	70,337	71,837	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	1,893	(D)	2,778	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	0
Durable goods	128,224	123,304	130,375	111,894	139,404	121,365	36,121	33,917	32,861	30,509	31,517	32,590
Lumber and wood products	5,375	(D)	2,127	733	742	717	10,319	(D)	10,048	8,498	9,021	9,166
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	34,446	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Fabricated metal products	12,267	12,835	11,523	12,222	16,451	17,705	(D)	1,591	1,838	1,684	1,420	1,216
Machinery, except electrical	23,331	21,848	18,359	18,848	17,876	18,450	627	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	676
Transportation equip. excl. motor vehicles	2,073	1,873	1,428	1,208	1,635	1,191	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	0	(D)	0	0	0	(D)	(D)	(D)	0	(D)	(D)
Stone, clay, and glass products	5,530	4,849	4,621	4,554	3,859	4,056	3,629	3,534	3,321	3,054	2,940	3,330
Instruments and related products	5,760	7,104	7,700	7,033	7,629	7,273	(D)	(D)	436	551	868	879
Miscellaneous manufacturing industries	(L)	(L)	(L)	(L)	(D)	111	3,605	2,251	1,694	(D)	854	738
Transportation and public utilities	75,400	70,928	77,489	78,444	85,700	82,430	29,622	29,914	31,945	34,333	37,908	41,525
Railroad transportation	11,548	10,871	10,429	10,417	9,097	8,133	(L)	(L)	(L)	(L)	(D)	(D)
Trucking and warehousing	18,168	17,386	20,440	21,991	26,440	25,700	6,745	6,660	7,719	8,331	9,820	12,112
Water transportation	5,610	5,679	6,737	7,841	7,357	6,970	2,465	2,723	3,652	4,082	3,441	3,719
Other transportation[8]	5,784	4,707	4,467	4,743	9,993	12,009	1,787	1,795	2,325	2,725	(D)	(D)
Communication	17,023	13,684	16,052	14,664	13,756	9,597	8,836	8,337	7,740	9,005	8,908	9,973
Electric, gas, and sanitary services	17,267	18,601	19,364	18,788	19,057	20,021	9,752	10,362	10,471	10,149	11,532	10,412
Wholesale trade	40,322	41,267	42,670	41,389	44,222	48,605	15,346	15,871	15,587	16,878	21,178	24,905
Retail trade	125,204	128,951	128,162	127,537	132,570	139,209	113,698	120,091	121,228	129,072	144,654	162,633
Finance, insurance, and real estate	45,151	48,979	47,054	49,264	45,503	43,747	34,888	32,518	36,164	46,845	41,141	42,282
Banking and credit agencies	26,188	28,664	25,908	24,582	22,073	18,365	15,125	16,370	19,114	19,141	19,186	20,647
Other finance, insurance, and real estate[9]	18,963	20,315	21,146	24,682	23,430	25,382	19,763	16,148	17,050	27,704	21,955	21,635
Services	194,083	202,432	196,054	208,891	231,190	253,030	227,429	250,608	260,452	288,020	322,912	357,392
Hotels and other lodging places	3,404	2,283	1,518	1,986	2,348	2,085	2,407	3,733	1,767	3,388	4,017	4,173
Personal services	9,047	10,132	11,996	11,200	12,463	14,154	10,371	12,530	12,500	13,883	15,991	18,828
Private households	7,251	7,387	7,476	7,480	7,898	8,312	1,818	1,837	1,853	1,877	2,016	2,153
Business services	50,532	53,203	45,589	48,919	48,287	58,254	57,990	66,654	69,973	78,259	81,896	85,624
Auto repair, services, and garages	9,337	8,966	8,237	9,602	9,758	10,701	8,830	9,542	9,686	10,050	10,118	12,162
Miscellaneous repair services	14,938	12,717	10,331	7,900	9,658	11,099	5,645	4,847	3,997	3,432	3,860	4,118
Amusement and recreation services	7,535	7,727	5,576	5,686	6,197	7,481	5,662	4,740	4,944	6,145	5,405	5,734
Motion pictures	(D)	(D)	(D)	297	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	46,770	51,177	54,462	60,502	71,278	71,993	67,173	74,228	80,290	92,032	107,442	121,056
Legal services	11,091	12,469	12,211	15,993	16,622	16,154	7,426	8,571	9,702	10,837	12,564	13,774
Educational services	589	431	555	702	835	1,057	2,356	2,954	3,146	3,995	5,166	8,718
Social services	2,818	3,336	3,671	4,121	4,713	4,588	4,778	4,619	4,658	4,991	5,562	6,157
Museums, botanical, zoological gardens	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,003	9,688	10,200	10,934	12,230	13,181	13,526	13,978	14,487	15,721	18,096	19,257
Miscellaneous services	21,253	22,431	23,804	23,569	28,549	32,760	38,558	41,511	42,377	42,218	49,273	53,930
Government and government enterprises	190,481	212,430	222,470	233,996	241,810	262,407	851,618	867,135	840,830	929,617	1,036,466	1,091,761
Federal, civilian	9,246	10,179	10,292	10,753	11,699	11,954	545,653	539,293	516,036	568,190	606,958	643,626
Military	3,818	4,209	4,488	4,720	4,863	4,953	181,862	193,197	183,161	211,397	268,872	271,679
State and local	177,417	198,042	207,690	218,523	225,248	245,500	124,103	134,645	141,633	150,030	160,636	176,456

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Bridgeport—Stamford—Norwalk—Danbury, CT (NECMA)						Brownsville—Harlingen, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**17,295,928**	**18,628,134**	**19,841,812**	**21,711,294**	**23,957,893**	**25,544,929**	**1,684,091**	**1,797,587**	**1,852,193**	**1,916,576**	**2,068,497**	**2,260,370**
Nonfarm personal income	17,287,874	18,618,789	19,831,369	21,702,686	23,948,398	25,536,935	1,642,258	1,755,497	1,820,680	1,867,805	2,015,386	2,219,459
Farm income[1]	8,054	9,345	10,443	8,608	9,495	7,994	41,833	42,090	31,513	48,771	53,111	40,911
Population (thousands)[2]	816.6	820.3	824.1	818.7	817.3	812.6	246.9	252.0	258.5	260.4	264.0	268.0
Per capita personal income (dollars)	**21,181**	**22,709**	**24,078**	**26,519**	**29,315**	**31,438**	**6,822**	**7,133**	**7,166**	**7,360**	**7,835**	**8,435**
Derivation of total personal income:												
Total earnings by place of work	11,370,830	12,553,610	13,534,899	15,070,368	16,731,117	17,430,446	1,131,279	1,206,884	1,226,266	1,274,951	1,373,353	1,482,531
Less: Personal contributions for social insurance[3]	687,355	790,671	860,946	969,184	1,108,832	1,194,051	59,756	67,002	69,702	72,431	80,009	91,301
Plus: Adjustment for residence	1,602,225	1,630,172	1,603,149	1,658,498	1,675,751	1,785,200	−18,283	−23,868	−24,293	−25,451	−27,030	−29,188
Equals: Net earnings by place of residence	12,285,700	13,393,111	14,277,102	15,759,682	17,298,036	18,021,595	1,053,240	1,116,014	1,132,271	1,177,069	1,266,314	1,362,042
Plus: Dividends, interest, and rent[5]	3,553,538	3,683,897	3,921,409	4,212,533	4,779,356	5,455,543	280,567	301,822	310,641	307,260	334,489	385,131
Plus: Transfer payments	1,456,690	1,551,126	1,643,301	1,739,079	1,880,501	2,067,791	350,284	379,751	409,281	432,247	467,694	513,197
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,352,815	10,234,439	11,181,663	12,278,777	13,650,422	14,167,705	890,193	952,308	965,295	998,130	1,072,897	1,175,072
Other labor income	1,002,476	1,145,531	1,129,229	1,206,664	1,319,277	1,381,427	81,753	81,694	85,809	89,289	98,929	110,037
Proprietors' income[6]	1,015,539	1,173,640	1,224,007	1,584,927	1,761,418	1,881,314	159,333	172,882	175,162	187,532	201,527	197,422
Farm	6,256	7,652	8,848	7,016	7,970	6,550	32,069	32,434	21,963	38,681	43,019	30,675
Nonfarm	1,009,283	1,165,988	1,215,159	1,577,911	1,753,448	1,874,764	127,264	140,448	153,199	148,851	158,508	166,747
Earnings by industry:												
Farm	8,054	9,345	10,443	8,608	9,495	7,994	41,833	42,090	31,513	48,771	53,111	40,911
Nonfarm	11,362,776	12,544,265	13,524,456	15,061,760	16,721,622	17,422,452	1,089,446	1,164,794	1,194,753	1,226,180	1,320,242	1,441,620
Private	10,550,846	11,543,377	12,548,053	13,980,524	15,536,716	16,149,639	857,256	895,331	903,487	918,530	987,558	1,084,126
Agricultural services, forestry, fisheries, and other[7]	45,569	52,563	59,890	84,751	97,010	102,774	15,268	30,247	34,965	32,013	36,334	36,732
Agricultural services	43,139	49,724	57,427	82,327	94,515	99,964	8,984	9,633	9,078	10,536	10,837	10,539
Forestry, fisheries, and other[7]	2,430	2,839	2,463	2,424	2,495	2,810	6,284	20,614	25,887	21,477	25,497	26,193
Mining	85,162	110,959	61,867	55,843	73,327	69,172	7,900	8,056	5,649	5,037	6,070	6,428
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	54,676	72,567	25,352	25,733	40,663	36,406	(D)	(D)	(D)	(D)	(D)	6,420
Metal mining	(D)	(D)	(D)	(D)	734	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	4,248	4,186	(D)	(D)	(D)	7,619	(D)	(D)	(D)	(D)	(D)	0
Construction	622,383	716,185	859,315	993,202	1,106,588	1,026,012	78,192	78,240	75,869	62,746	58,793	60,191
Manufacturing	4,172,948	4,314,774	4,474,378	4,519,686	4,648,924	4,651,381	160,233	155,128	147,433	160,051	170,102	186,217
Nondurable goods	1,234,057	1,299,447	1,364,397	1,349,407	1,427,942	1,455,390	77,943	85,923	81,467	88,182	86,656	95,950
Food and kindred products	117,384	124,609	124,673	124,737	133,557	142,002	20,891	21,365	20,383	25,434	26,581	27,927
Textile mill products	43,833	21,038	20,503	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	82,054	84,052	100,856	70,557	81,120	58,579	40,277	44,242	41,435	42,377	38,837	44,175
Paper and allied products	125,483	124,955	123,044	145,899	159,689	164,098	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	235,141	270,143	278,920	294,678	350,117	345,741	6,639	7,549	7,437	7,144	7,322	7,624
Chemicals and allied products	500,452	538,005	572,363	544,724	525,997	560,112	1,412	3,823	3,745	3,958	5,062	6,767
Petroleum and coal products	4,151	4,433	5,195	5,404	5,595	2,137	1,490	968	398	(D)	282	282
Tobacco manufactures	23,722	26,655	28,541	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	98,010	102,347	107,169	108,552	118,976	131,724	1,939	2,135	2,759	3,658	3,430	3,579
Leather and leather products	3,827	3,210	3,133	3,860	2,691	21,290	(D)	(D)	(D)	0	0	0
Durable goods	2,938,891	3,015,327	3,109,981	3,170,279	3,220,982	3,195,991	82,290	69,205	65,966	71,869	83,446	90,267
Lumber and wood products	21,341	(D)	(D)	(D)	30,605	18,948	948	918	927	920	1,091	899
Furniture and fixtures	21,019	22,498	23,672	25,132	28,665	27,643	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	147,247	126,995	104,756	91,190	97,295	56,892	(D)	(D)	(D)	(D)	(D)	0
Fabricated metal products	301,787	328,772	314,408	274,358	276,513	263,480	3,934	4,792	5,635	4,944	6,874	9,256
Machinery, except electrical	511,221	506,818	529,156	556,436	599,404	616,379	21,869	17,566	17,795	15,888	12,657	10,590
Electric and electronic equipment	730,780	756,131	794,025	835,356	811,163	804,444	11,252	9,461	10,537	12,643	19,365	23,622
Transportation equip. excl. motor vehicles	592,906	631,174	683,744	757,900	759,799	793,155	3,268	2,456	2,555	3,391	3,493	2,458
Motor vehicles and equipment	9,303	(D)	(D)	(D)	7,841	3,685	(D)	(D)	(D)	13,676	23,680	(D)
Stone, clay, and glass products	51,924	35,908	31,192	35,399	30,586	39,348	15,382	14,631	13,074	12,967	12,291	12,457
Instruments and related products	518,867	532,343	547,169	513,746	544,863	531,994	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	32,496	36,421	37,272	38,547	34,248	40,023	5,828	4,867	5,812	6,123	3,295	1,710
Transportation and public utilities	484,212	553,119	524,077	693,074	795,618	895,428	76,322	79,525	78,980	78,542	83,004	86,950
Railroad transportation	10,779	10,155	(D)	9,377	8,673	8,415	4,950	5,017	3,627	2,346	3,363	4,664
Trucking and warehousing	138,509	144,894	158,786	184,149	199,004	226,854	18,027	19,223	21,969	23,675	25,891	26,387
Water transportation	20,501	20,578	24,625	29,580	33,216	32,463	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	124,604	138,323	(D)	151,323	168,927	192,887	(D)	(D)	(D)	(D)	(D)	(D)
Communication	105,316	148,295	96,935	210,622	265,384	297,383	25,011	25,680	24,000	22,861	25,743	22,899
Electric, gas, and sanitary services	84,503	90,874	97,928	108,023	120,414	137,426	11,279	12,476	13,311	12,707	12,272	12,843
Wholesale trade	835,899	1,023,840	1,015,256	1,140,269	1,335,451	1,393,029	65,462	61,929	59,135	56,451	54,944	61,771
Retail trade	1,021,242	1,088,698	1,253,115	1,410,690	1,540,306	1,588,180	166,914	176,225	173,148	170,278	186,218	203,690
Finance, insurance, and real estate	678,952	751,919	936,653	1,374,542	1,666,658	1,715,140	60,039	63,730	65,657	73,795	72,711	75,819
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	30,426	32,826	34,012	32,875	34,129	34,823
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	29,613	30,904	31,645	40,920	38,582	40,996
Services	2,604,479	2,931,320	3,363,502	3,708,467	4,272,834	4,708,523	226,926	242,251	262,651	279,617	319,382	366,328
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	13,950	14,026	13,268	14,062	13,258	13,224
Personal services	(D)	(D)	(D)	(D)	(D)	(D)	11,047	13,013	13,450	12,282	13,277	14,944
Private households	58,384	58,746	58,592	58,594	62,088	64,919	(D)	(D)	(D)	(D)	(D)	(D)
Business services	893,728	973,744	1,139,108	1,226,078	1,433,386	1,559,772	25,948	26,130	28,353	28,413	32,437	39,323
Auto repair, services, and garages	62,037	69,706	76,223	84,886	95,437	104,011	11,914	12,330	13,039	12,623	13,853	16,397
Miscellaneous repair services	31,008	31,141	36,736	36,028	41,426	43,663	4,425	4,060	4,099	4,464	4,845	5,724
Amusement and recreation services	59,154	75,263	86,199	99,791	109,868	120,217	5,479	5,527	5,381	5,968	5,991	6,707
Motion pictures	20,456	27,201	29,808	31,214	38,541	38,683	1,119	1,075	826	222	315	271
Health services	674,911	736,767	805,352	948,261	1,077,180	1,221,960	87,712	97,685	106,540	120,882	143,581	157,909
Legal services	173,657	193,110	228,027	253,464	283,738	308,721	14,546	15,824	19,415	20,862	26,360	26,453
Educational services	94,896	105,345	116,598	126,110	133,317	139,066	4,960	5,249	6,284	5,888	6,278	8,721
Social services	61,436	71,646	80,829	86,033	111,256	125,773	5,874	6,441	6,685	7,394	10,244	12,597
Museums, botanical, zoological gardens	1,744	2,039	2,213	2,633	3,094	5,026	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	68,040	72,011	80,708	90,795	102,423	114,144	12,911	14,598	16,499	17,616	19,781	21,058
Miscellaneous services	277,561	347,426	433,178	435,455	505,888	559,626	14,148	13,264	15,572	15,656	15,149	28,268
Government and government enterprises	811,930	1,000,888	976,403	1,081,236	1,184,906	1,272,813	232,190	269,463	291,266	307,650	332,684	357,494
Federal, civilian	117,801	129,246	127,725	140,362	153,264	161,585	29,328	31,540	31,065	33,971	38,904	42,197
Military	11,470	12,225	13,255	13,815	14,049	14,408	7,248	7,907	8,340	6,948	7,168	7,319
State and local	682,659	859,417	835,423	927,059	1,017,593	1,096,820	195,614	230,016	251,861	266,731	286,612	307,978

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Bryan—College Station, TX (MSA)						Buffalo, NY (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,137,303**	**1,189,279**	**1,211,022**	**1,255,309**	**1,350,206**	**1,466,571**	**12,651,220**	**13,223,951**	**13,832,508**	**14,543,315**	**15,756,264**	**16,922,342**
Nonfarm personal income	1,123,164	1,175,332	1,198,899	1,238,383	1,330,928	1,449,188	12,626,238	13,199,016	13,804,531	14,514,749	15,729,740	16,889,978
Farm income[1]	14,139	13,947	12,123	16,926	19,278	17,383	24,982	24,935	27,977	28,566	26,524	32,364
Population (thousands)[2]	118.8	121.3	119.2	117.9	116.6	114.9	975.4	968.1	961.0	956.4	958.7	954.8
Per capita personal income (dollars)	**9,574**	**9,800**	**10,156**	**10,646**	**11,584**	**12,760**	**12,971**	**13,659**	**14,393**	**15,207**	**16,436**	**17,724**
Derivation of total personal income:												
Total earnings by place of work	925,710	948,462	954,627	987,212	1,062,740	1,140,357	8,683,320	9,228,687	9,729,279	10,379,257	11,203,393	11,871,146
Less: Personal contributions for social insurance[3]	46,635	49,984	51,472	53,332	57,218	63,244	553,423	617,321	676,247	714,799	801,454	876,790
Plus: Adjustment for residence	−35,101	−29,957	−29,319	−27,578	−30,860	−34,187	−195,681	−238,004	−267,652	−313,658	−327,971	−370,528
Equals: Net earnings by place of residence	843,974	868,521	873,836	906,302	974,662	1,042,926	7,934,216	8,373,362	8,785,380	9,350,800	10,073,968	10,623,828
Plus: Dividends, interest, and rent[5]	169,703	185,653	187,890	187,587	203,738	234,017	2,291,439	2,355,071	2,416,731	2,440,798	2,770,136	3,167,560
Plus: Transfer payments	123,626	135,105	149,296	161,420	171,806	189,628	2,425,565	2,495,518	2,630,397	2,751,717	2,912,160	3,130,954
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	763,109	783,172	781,379	805,118	863,746	927,471	7,223,547	7,712,048	8,134,320	8,655,448	9,328,758	9,873,738
Other labor income	67,670	65,072	67,505	69,598	77,072	84,793	746,049	754,572	791,782	804,835	847,600	898,686
Proprietors' income[6]	94,931	100,218	105,743	112,496	121,922	128,093	713,724	762,067	803,177	918,974	1,027,035	1,098,722
Farm	12,035	11,838	10,013	14,672	16,999	15,038	16,207	16,191	19,292	19,404	17,321	22,973
Nonfarm	82,896	88,380	95,730	97,824	104,923	113,055	697,517	745,876	783,885	899,570	1,009,714	1,075,749
Earnings by industry:												
Farm	14,139	13,947	12,123	16,926	19,278	17,383	24,982	24,935	27,977	28,566	26,524	32,364
Nonfarm	911,571	934,515	942,504	970,286	1,043,462	1,122,974	8,658,338	9,203,752	9,701,302	10,350,691	11,176,869	11,838,782
Private	580,511	584,833	576,139	579,978	619,534	660,492	7,154,570	7,612,712	8,008,338	8,504,618	9,184,729	9,693,428
Agricultural services, forestry, fisheries, and other[7]	4,165	4,121	4,153	4,924	4,932	5,030	20,496	24,326	26,126	32,350	35,856	37,305
Agricultural services	4,095	4,078	4,133	4,903	4,918	5,005	20,105	23,672	25,362	31,747	35,117	36,595
Forestry, fisheries, and other[7]	70	(L)	(L)	(L)	(L)	(L)	391	654	764	603	739	710
Mining	48,257	38,511	22,998	17,942	17,665	27,954	40,087	43,497	23,391	19,818	26,084	23,697
Coal mining	(D)	0	0	0	0	(D)	260	190	202	80	92	94
Oil and gas extraction	39,963	(D)	(D)	17,713	17,429	18,341	35,355	38,531	17,834	14,196	20,040	17,286
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	169	169	185
Nonmetallic minerals, except fuels	(D)	(D)	(D)	229	236	(D)	4,510	4,798	5,358	5,373	5,783	6,132
Construction	82,043	76,162	71,275	58,449	62,574	57,749	422,775	476,119	515,221	545,298	588,040	632,423
Manufacturing	68,748	65,015	67,627	73,473	80,513	82,288	2,356,447	2,436,319	2,444,786	2,435,747	2,567,093	2,589,043
Nondurable goods	19,362	19,765	18,521	21,477	22,347	24,083	743,328	752,206	782,487	807,875	864,612	877,219
Food and kindred products	4,262	4,206	4,218	5,055	5,316	5,815	182,853	174,086	188,140	199,748	218,722	214,357
Textile mill products	0	0	0	0	0	0	10,352	10,156	9,730	10,255	10,897	9,931
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	35,913	38,815	40,036	40,992	47,034	52,404
Paper and allied products	0	0	0	(D)	(D)	0	53,902	52,853	57,301	64,839	66,600	66,030
Printing and publishing	10,326	10,688	10,260	12,174	14,323	13,635	186,404	202,791	215,594	224,768	234,593	239,821
Chemicals and allied products	1,150	1,272	(D)	(D)	1,374	1,380	107,308	107,969	104,416	105,805	115,486	112,286
Petroleum and coal products	(D)	(D)	(D)	(D)	83	178	28,704	28,987	26,139	11,047	12,128	11,581
Tobacco manufactures	0	0	0	0	0	0	986	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	0	(D)	131,388	131,723	138,866	148,417	156,744	167,818
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	5,518	4,826	2,265	2,004	2,408	2,991
Durable goods	49,386	45,250	49,106	51,996	58,166	58,205	1,613,119	1,684,113	1,662,299	1,627,872	1,702,481	1,711,824
Lumber and wood products	1,321	(D)	(D)	(D)	3,304	3,007	8,910	9,162	10,757	11,412	13,911	18,106
Furniture and fixtures	(D)	(D)	(D)	3,535	2,553	1,287	16,038	17,460	17,844	20,433	19,628	22,732
Primary metal industries	5,977	(D)	4,680	4,235	6,470	(D)	151,619	120,134	109,191	116,699	126,781	155,441
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	296,854	324,998	324,421	319,976	342,602	350,841
Machinery, except electrical	13,441	10,607	2,524	1,879	1,959	6,143	253,776	255,980	259,184	257,695	263,074	282,222
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	235,304	227,220	231,965	224,020	207,546	203,653
Transportation equip. excl. motor vehicles	0	0	(D)	(D)	(D)	0	8,587	7,821	7,552	19,511	27,295	19,337
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	3,416	443,145	517,846	487,267	426,582	422,400	401,447
Stone, clay, and glass products	5,356	5,325	5,481	4,169	4,122	3,916	43,829	45,393	45,544	51,367	59,136	57,832
Instruments and related products	2,020	2,404	(D)	2,723	3,821	4,579	84,828	90,334	94,541	94,670	105,599	91,417
Miscellaneous manufacturing industries	701	641	412	390	357	1,074	70,229	67,765	74,033	85,507	114,509	108,796
Transportation and public utilities	41,409	39,414	41,669	43,639	45,653	42,924	633,861	659,463	662,904	682,753	726,184	743,478
Railroad transportation	433	320	375	521	700	787	57,047	56,728	54,087	52,102	52,213	51,267
Trucking and warehousing	8,874	7,936	8,334	8,542	8,129	7,703	186,994	188,675	195,092	193,045	208,560	212,382
Water transportation	(D)	(L)	(D)	(D)	(D)	(D)	20,807	19,284	15,984	17,664	19,433	21,270
Other transportation[8]	(D)	2,638	(D)	(D)	(D)	(D)	68,767	71,816	82,292	85,551	97,090	104,003
Communication	27,702	27,431	29,601	30,850	31,847	30,588	151,194	162,398	156,053	166,808	175,133	168,023
Electric, gas, and sanitary services	(D)	1,100	1,029	1,282	1,248	1,033	149,052	160,562	159,396	167,583	173,755	186,533
Wholesale trade	37,358	36,519	35,344	35,780	40,624	42,429	565,103	602,964	639,102	691,602	741,376	767,492
Retail trade	104,993	110,671	111,357	108,548	116,066	121,728	798,410	848,478	912,736	958,297	1,031,930	1,122,101
Finance, insurance, and real estate	38,435	42,756	42,006	42,680	41,475	43,336	474,468	500,146	580,352	716,380	758,071	789,852
Banking and credit agencies	19,399	21,843	20,069	18,169	16,704	15,310	244,957	249,039	301,955	348,542	382,379	405,168
Other finance, insurance, and real estate[9]	19,036	20,913	21,937	24,511	24,771	28,026	229,511	251,107	278,397	367,838	375,692	384,684
Services	155,103	171,664	179,710	194,543	210,032	237,054	1,842,923	2,021,400	2,203,720	2,422,373	2,710,095	2,988,037
Hotels and other lodging places	4,744	4,490	3,831	4,295	3,802	6,205	34,051	35,959	34,308	40,652	40,833	48,491
Personal services	9,008	11,981	13,936	13,240	14,909	16,918	67,268	82,248	91,301	96,309	107,870	115,344
Private households	6,293	6,414	6,495	6,500	6,856	7,213	18,269	18,306	18,222	18,161	19,166	20,026
Business services	40,322	45,973	42,837	45,175	43,759	50,353	317,546	358,929	389,890	414,864	451,358	515,174
Auto repair, services, and garages	8,219	8,800	9,589	9,771	9,754	9,775	74,509	83,937	87,556	93,666	99,004	108,757
Miscellaneous repair services	3,430	3,017	2,908	2,074	2,497	2,662	35,796	36,088	39,278	39,421	45,878	50,495
Amusement and recreation services	2,364	2,694	2,364	2,278	2,203	2,823	60,861	66,568	68,678	74,518	89,916	92,716
Motion pictures	1,170	1,551	1,430	1,281	1,752	2,107	4,176	4,100	4,546	6,252	7,497	8,980
Health services	42,809	47,473	54,438	65,162	73,981	84,544	629,561	680,345	742,357	833,642	951,831	1,066,279
Legal services	7,440	8,006	9,501	10,535	11,785	12,565	178,553	195,953	222,898	236,470	269,556	295,260
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	78,084	84,927	90,213	96,044	104,071	109,395
Social services	3,641	4,689	4,442	4,943	4,870	5,330	78,804	89,228	93,301	108,670	118,949	130,839
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	2,404	2,544	2,719	3,133	3,382	3,554
Membership organizations	6,487	7,136	7,399	8,105	9,390	9,878	89,101	91,288	87,064	97,442	107,124	112,838
Miscellaneous services	17,494	17,548	18,490	18,775	21,729	23,701	173,940	190,980	231,389	263,129	293,660	309,889
Government and government enterprises	331,060	349,682	366,365	390,308	423,928	462,482	1,503,768	1,591,040	1,692,964	1,846,073	1,992,140	2,145,354
Federal, civilian	25,144	26,899	26,607	26,568	28,272	31,913	224,889	236,447	233,614	249,367	269,430	284,065
Military	6,949	7,806	8,153	8,763	8,649	8,207	18,739	20,287	21,264	22,340	23,179	24,000
State and local	298,967	314,977	331,605	354,977	387,007	422,362	1,260,140	1,334,306	1,438,086	1,574,366	1,699,531	1,837,289

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Burlington, NC (MSA)						Burlington, VT (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,202,507**	**1,289,166**	**1,411,226**	**1,524,714**	**1,659,636**	**1,774,879**	**1,618,034**	**1,782,510**	**1,933,053**	**2,118,150**	**2,354,997**	**2,583,890**
Nonfarm personal income	1,189,294	1,281,962	1,402,202	1,516,144	1,650,714	1,764,340	1,608,235	1,773,126	1,922,859	2,105,237	2,342,434	2,571,900
Farm income[1]	13,213	7,204	9,024	8,570	8,922	10,539	9,799	9,384	10,194	12,913	12,563	11,990
Population (thousands)[2]	101.6	102.4	103.2	104.7	105.8	107.1	125.7	127.2	129.2	130.9	134.6	137.5
Per capita personal income (dollars)	**11,830**	**12,592**	**13,676**	**14,565**	**15,679**	**16,576**	**12,875**	**14,014**	**14,964**	**16,181**	**17,498**	**18,797**
Derivation of total personal income:												
Total earnings by place of work	792,215	841,619	934,290	1,026,941	1,125,532	1,192,931	1,393,381	1,540,546	1,679,993	1,858,909	2,085,691	2,271,956
Less: Personal contributions for social insurance[3]	48,327	54,458	60,408	64,321	73,241	80,840	70,369	82,124	94,720	104,388	120,986	135,698
Plus: Adjustment for residence	121,785	133,690	138,893	152,117	162,260	159,903	−115,783	−127,615	−136,206	−148,704	−170,624	−188,584
Equals: Net earnings by place of residence	865,673	920,851	1,012,775	1,114,737	1,214,551	1,271,994	1,207,229	1,330,807	1,449,067	1,605,817	1,794,081	1,947,674
Plus: Dividends, interest, and rent[4]	173,581	190,710	206,352	205,167	229,675	266,061	227,714	257,049	278,677	297,697	333,236	386,465
Plus: Transfer payments	163,253	177,605	192,099	204,810	215,410	236,824	183,091	194,654	205,309	214,636	227,680	249,751
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	647,756	691,615	766,182	839,416	918,796	970,258	1,152,415	1,276,231	1,387,749	1,524,281	1,710,754	1,861,730
Other labor income	59,728	60,795	68,009	72,523	79,542	85,102	121,139	126,539	139,229	148,502	166,413	183,472
Proprietors' income[6]	84,731	89,209	100,099	115,002	127,194	137,571	119,827	137,776	153,015	186,126	208,524	226,754
Farm	11,311	5,358	7,226	6,696	7,061	8,682	6,867	6,483	7,309	9,886	9,521	8,906
Nonfarm	73,420	83,851	92,873	108,306	120,133	128,889	112,960	131,293	145,706	176,240	199,003	217,848
Earnings by industry:												
Farm	13,213	7,204	9,024	8,570	8,922	10,539	9,799	9,384	10,194	12,913	12,563	11,990
Nonfarm	779,002	834,415	925,266	1,018,371	1,116,610	1,182,392	1,383,582	1,531,162	1,669,799	1,845,996	2,073,128	2,259,966
Private	710,412	758,861	844,204	930,405	1,019,752	1,077,322	1,189,384	1,319,215	1,442,847	1,599,010	1,793,845	1,950,633
Agricultural services, forestry, fisheries, and other[7]	1,792	1,717	1,767	2,896	3,289	3,575	3,746	3,773	4,556	7,074	8,376	9,226
Agricultural services	1,700	1,658	1,751	2,869	3,273	3,563	3,546	3,565	4,348	6,878	8,147	9,004
Forestry, fisheries, and other[7]	92	59	(L)	(L)	(L)	(L)	200	208	208	196	229	222
Mining	1,932	2,694	1,130	1,113	1,567	2,146	3,711	5,424	2,679	3,072	4,034	3,873
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,526	4,147	1,111	1,173	1,911	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,185	1,277	1,568	1,899	2,123	(D)
Construction	47,275	54,212	59,110	62,161	70,049	71,243	95,246	110,699	125,590	140,057	170,695	190,624
Manufacturing	327,508	346,443	384,640	421,831	446,556	448,586	478,884	514,912	539,002	560,303	595,262	619,635
Nondurable goods	217,930	224,353	248,570	274,434	293,655	294,697	36,562*	39,515*	44,525*	50,765*	56,887*	63,379*
Food and kindred products	5,744	5,716	6,459	7,916	9,188	6,635	11,769	11,610	12,945	15,088	15,961	17,069
Textile mill products	183,750	185,077	203,920	226,511	236,611	221,819	0	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	5,763	3,996	3,984	3,817	5,024	19,695	184	163	190	267	299	239
Paper and allied products	3,723	4,569	5,304	5,367	6,425	8,235	(D)	0	0	0	0	0
Printing and publishing	8,602	9,401	9,792	10,888	12,331	14,173	16,498*	19,236*	22,170*	25,255*	28,576*	32,067*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	6,133	6,236	6,693	7,149	8,417	8,966
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	1,278
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(D)
Rubber and misc. plastic products	3,951	9,424	11,918	14,016	16,244	18,529	1,671*	2,003*	2,228*	2,624	3,301	3,702
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Durable goods	109,578	122,090	136,070	147,397	152,901	153,889	441,929*	474,924*	494,102*	509,175*	537,860*	555,704*
Lumber and wood products	5,392	5,898	7,040	7,173	8,821	10,414	3,062*	3,637*	4,471	5,252	5,951*	5,671*
Furniture and fixtures	9,385	10,203	9,379	10,205	10,805	10,703	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	2,096	(D)	(D)	(D)	(D)	(D)	14,590*	15,503*	17,238*	18,038*	17,790*	19,363*
Fabricated metal products	3,773	5,521	(D)	(D)	8,354	10,977	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	10,717	8,493	17,896	19,702	21,698	22,314	16,399	16,636	17,930	19,201	22,021	24,592
Electric and electronic equipment	50,002	58,329	59,509	66,841	66,531	62,888	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	90	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,441	3,951	4,706	5,667	4,968	5,147	3,871	4,819	6,041	6,948	9,216	9,234
Instruments and related products	(D)	(D)	(D)	1,743	(D)	(D)	2,074	1,878	1,907	2,089	2,485	4,458
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	5,357	(D)	2,739	(D)	4,054	3,746
Transportation and public utilities	41,242	28,649	30,214	31,891	33,767	49,815	75,292	78,384	84,140	89,239	105,821	114,592
Railroad transportation	523	690	683	654	557	487	1,826	1,960	1,541	906	1,001	(D)
Trucking and warehousing	24,953	11,352	12,887	13,853	15,024	30,425	18,263	18,467	19,395	21,307	25,601	29,360
Water transportation	0	0	0	0	0	0	2,400*	2,612*	2,906*	3,258*	3,628*	(D)
Other transportation[8]	1,362	1,436	1,767	1,852	1,943	2,300	14,763*	16,238*	17,111*	19,026*	21,287*	(D)
Communication	7,799	8,487	7,957	8,303	8,668	8,424	27,930	27,812	31,814	32,454	39,395	40,302*
Electric, gas, and sanitary services	6,605	6,684	6,920	7,229	7,575	8,179	10,077	11,264	11,334	12,251	14,867	16,560
Wholesale trade	37,746	47,612	56,298	61,979	65,713	62,573	59,299	73,900	79,518	99,513	125,495	133,302
Retail trade	100,072	105,053	111,986	120,429	131,508	138,936	137,428	151,915	162,615	179,617	200,789	218,487
Finance, insurance, and real estate	26,904	29,097	32,474	42,538	46,489	50,707	55,575	63,847	78,048	101,184	106,779	116,272
Banking and credit agencies	11,361	10,823	11,929	12,351	14,265	15,421	25,788*	28,801*	32,752*	37,164*	41,271*	56,945*
Other finance, insurance, and real estate[9]	15,543	18,274	20,545	30,187	32,224	35,286	29,545*	34,825*	45,013*	63,222*	64,918*	58,954*
Services	125,941	143,384	166,585	185,567	220,814	249,741	280,203	316,361	366,699	418,951	476,594	544,622
Hotels and other lodging places	951	(D)	1,469	1,755	1,812	2,229	11,464*	12,104*	14,144*	17,287*	19,370	20,754
Personal services	11,899	14,368	15,953	17,208	19,605	22,112	11,953	15,338	18,384	20,644	25,056	28,868
Private households	5,275	5,351	5,379	5,419	5,774	6,095	2,363	2,385	2,392	2,410	2,580	2,731
Business services	15,704	19,490	23,805	24,806	38,306	43,278	36,780	44,091	56,103	72,418	77,532	86,289
Auto repair, services, and garages	5,784	7,519	8,496	9,320	11,013	11,967	10,808	12,138	13,463	14,098	15,894	17,719
Miscellaneous repair services	4,994	4,880	5,902	6,690	7,715	8,346	3,898	3,579	5,011	5,335	8,108	13,219
Amusement and recreation services	1,675	1,884	2,263	2,937	3,063	3,555	4,544*	4,606*	5,738*	6,263*	7,266*	8,436*
Motion pictures	(D)	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	51,210	56,651	66,381	76,738	90,941	105,369	114,667	125,369	141,343	156,443	182,739	206,604
Legal services	4,515	5,185	6,178	6,872	7,798	8,661	18,551	21,575	25,215	27,886	33,902	41,350
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	18,978	19,674	21,447	23,696	26,199	30,157
Social services	3,012	3,768	4,315	4,850	5,343	5,626	10,316	12,164*	10,622*	12,760*	15,380*	16,052*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,872	4,612	4,699	5,107	5,417	5,512	5,508	6,036	6,717	6,552	9,027	9,382
Miscellaneous services	9,194	10,892	13,533	14,354	13,636	15,033	27,231	33,790	41,309	47,683	48,789	57,138
Government and government enterprises	68,590	75,554	81,062	87,966	96,858	105,070	194,198	211,947	226,952	246,986	279,283	309,333
Federal, civilian	5,925	6,553	6,624	6,877	7,484	9,157	35,992	39,503	40,021	45,392	53,717	56,954
Military	1,740	1,881	2,038	2,203	2,288	2,356	5,373	5,866	6,517	7,068	7,569	7,549
State and local	60,925	67,120	72,400	78,886	87,086	93,557	152,833	166,578	180,414	194,526	217,997	244,830

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Canton, OH (MSA)						Casper, WY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,831,042**	**5,014,347**	**5,168,237**	**5,434,383**	**5,824,499**	**6,171,052**	**1,059,929**	**1,046,204**	**971,520**	**932,556**	**982,773**	**1,020,695**
Nonfarm personal income	4,819,615	5,002,862	5,156,830	5,420,372	5,812,723	6,156,122	1,058,359	1,043,884	970,469	930,598	980,796	1,020,575
Farm income[1]	11,427	11,485	11,407	14,011	11,776	14,930	1,570	2,320	1,051	1,958	1,977	120
Population (thousands)[2]	402.2	401.1	398.9	398.5	401.4	401.7	74.5	72.5	70.8	66.3	64.7	62.8
Per capita personal income (dollars)	**12,010**	**12,500**	**12,955**	**13,637**	**14,511**	**15,364**	**14,230**	**14,437**	**13,730**	**14,062**	**15,193**	**16,241**
Derivation of total personal income:												
Total earnings by place of work	3,262,526	3,371,732	3,431,627	3,655,384	3,947,352	4,088,828	832,901	807,130	717,071	674,862	705,333	710,351
Less: Personal contributions for social insurance[3]	215,532	235,160	243,953	257,801	288,325	311,522	42,943	43,485	38,704	41,351	45,076	47,329
Plus: Adjustment for residence	206,685	219,503	233,500	224,536	237,664	268,915	−11,474	−11,013	−9,758	−8,755	−9,201	−9,056
Equals: Net earnings by place of residence	3,253,679	3,356,075	3,421,174	3,622,119	3,896,691	4,046,221	778,484	752,632	668,609	624,756	651,056	653,966
Plus: Dividends, interest, and rent[5]	762,666	795,267	821,404	828,104	893,302	1,013,692	184,564	186,405	181,395	183,572	205,331	231,504
Plus: Transfer payments	814,697	863,005	925,659	984,160	1,034,506	1,111,139	96,881	107,167	121,516	124,228	126,386	135,225
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,694,623	2,795,725	2,822,901	3,009,395	3,250,819	3,358,679	683,461	662,218	582,183	534,965	559,121	560,839
Other labor income	307,252	300,921	304,137	307,012	330,276	339,417	60,005	54,855	48,157	44,934	46,735	47,063
Proprietors' income[6]	260,651	275,086	304,589	338,977	366,257	390,732	89,435	90,057	86,731	94,963	99,477	102,449
Farm	7,135	7,225	7,162	9,527	7,280	10,348	−759	105	−1,049	−139	(L)	−1,776
Nonfarm	253,516	267,861	297,427	329,450	358,977	380,384	90,194	89,952	87,780	95,102	99,502	104,225
Earnings by industry:												
Farm	11,427	11,485	11,407	14,011	11,776	14,930	1,570	2,320	1,051	1,958	1,977	120
Nonfarm	3,251,099	3,360,247	3,420,220	3,641,373	3,935,576	4,073,898	831,331	804,810	716,020	672,904	703,356	710,231
Private	2,937,419	3,033,230	3,076,821	3,281,877	3,541,254	3,659,495	715,046	680,559	588,339	562,569	592,498	595,009
Agricultural services, forestry, fisheries, and other[7]	8,712	10,904	12,371	15,798	14,012	14,401	2,231	1,874	1,686	2,570	2,567	2,598
Agricultural services	8,377	10,734	12,239	14,838*	13,016*	13,080*	2,090	1,745	1,609	2,495	2,500	2,541
Forestry, fisheries, and other[7]	335	170	132	(D)	(D)	(D)	141	129	77	75	67	57
Mining	44,615	45,605	34,543	29,460	28,858	26,917	187,396	165,329	112,452	91,741	99,313	90,723
Coal mining	9,642	9,374	9,158	5,713	4,277	(D)	4,417	3,821	3,273	3,194	3,321	3,324
Oil and gas extraction	31,312*	33,157*	22,104*	21,241	21,944	(D)	166,715	150,291	102,834	81,232	88,153	80,626
Metal mining	(L)	(L)	0	0	0	0	12,846	8,564	2,832	4,886	5,107	4,926
Nonmetallic minerals, except fuels	(D)	(D)	(D)	2,506	2,637	1,963	3,418	2,653	3,513	2,429	2,732	1,847
Construction	181,650	193,763	194,391	220,328	241,872	265,669	69,136	64,831	55,827	56,137	56,537	52,691
Manufacturing	1,331,329	1,343,335	1,296,550	1,336,662	1,465,599	1,464,726	41,642	44,149	42,707	43,804	47,891	49,592
Nondurable goods	259,162	272,102	283,083	284,254	299,039	307,308	27,963	28,600	28,068	29,763	29,730	29,248
Food and kindred products	89,333	94,219	97,544	85,752	84,132	84,532	143	131	131	113	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	0
Apparel and other textile products	3,061*	2,816	2,525	4,279	4,827	4,756	260	262	109	177	290	191
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	83	79	(L)	0	0	0
Printing and publishing	41,199*	45,043*	46,275*	50,255*	53,455*	60,871*	7,417	8,057	7,752	7,771	8,431	8,753
Chemicals and allied products	19,747	21,736	23,259	23,978	27,583	(D)	(D)	(D)	(D)	(D)	742	1,354
Petroleum and coal products	15,924	15,245	17,196	17,670	18,506	17,274	19,678	19,678	19,383	20,799	19,854	18,327
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	59,065*	62,048*	64,615	67,886	72,989	74,812	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	0	0	0	0
Durable goods	1,072,167	1,071,233	1,013,467	1,052,408	1,166,560	1,157,418	13,679	15,549	14,639	14,041	18,161	20,344
Lumber and wood products	6,639*	8,376*	10,194*	11,122*	11,674*	11,739	388	283	(D)	(D)	(D)	458
Furniture and fixtures	18,550*	23,397*	21,186*	18,993*	20,899	22,446	0	0	0	0	(D)	0
Primary metal industries	387,082*	373,154*	352,031*	389,769*	455,817*	436,616*	0	0	0	0	(D)	1,370
Fabricated metal products	228,250*	231,818*	216,102*	198,263*	196,813*	191,206*	2,538	2,612	2,277	2,484	1,975	2,804
Machinery, except electrical	259,984	252,514	227,598	238,501	272,989	285,473	5,649	7,551	7,305	5,834	8,658	10,254
Electric and electronic equipment	(D)	(D)	124,118*	133,374*	137,177*	131,800	520	551	167	246	(D)	87
Transportation equip. excl. motor vehicles	303	286	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	5,255	5,392	6,206	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	35,794	36,057	35,127	34,193	35,376	34,670	3,028	2,629	2,029	2,202	2,278	1,172
Instruments and related products	(D)	(D)	(D)	5,938	9,993	11,368	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,956	4,382	4,993	5,157	6,037	10,499	180	228	350	256	(D)	(D)
Transportation and public utilities	193,458	189,830	197,037	201,767	209,520	211,557	62,255	60,740	53,503	54,475	58,638	52,421
Railroad transportation	37,281	35,412	37,054	35,398	33,236	30,342	2,234	2,338	2,358	2,355	2,390	2,531
Trucking and warehousing	67,227	62,725	63,244	66,114	69,179	68,365	24,780	23,089	19,402	20,180	21,874	18,093
Water transportation	(L)	(L)	(D)	(D)	(L)	(D)	0	0	0	0	0	0
Other transportation[8]	3,941*	3,888*	5,642*	6,644*	7,846*	10,489*	9,017	9,398	6,997	7,542	8,533	8,071
Communication	29,720*	26,335*	26,680*	26,475*	29,021*	32,403*	15,791	15,114	13,760	13,859	14,710	13,559
Electric, gas, and sanitary services	53,231	59,390	62,407	64,515	67,677	67,170	10,433	10,801	10,986	10,539	11,131	10,167
Wholesale trade	173,837	187,336	195,508	203,229	220,139	227,779	91,589	87,998	75,208	60,705	61,681	66,164
Retail trade	315,666	332,906	348,265	362,987	391,024	405,774	81,081	81,719	74,819	71,114	73,922	75,680
Finance, insurance, and real estate	118,283	115,451	126,577	158,513	144,593	155,919	38,016	38,543	38,000	41,329	38,012	37,904
Banking and credit agencies	51,259*	54,172*	57,960*	63,323*	60,717*	74,888*	19,507	19,118	18,692	17,357	17,824	18,783
Other finance, insurance, and real estate[9]	65,569*	59,681*	66,766*	92,381*	81,714*	78,810*	18,509	19,425	19,308	23,972	20,188	19,121
Services	569,869	614,100	671,579	753,133	825,637	886,753	141,700	135,376	134,137	140,694	153,937	167,236
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	5,971	4,707	4,291	2,122	3,378	4,442
Personal services	29,347	35,584	36,603	37,029*	42,820*	48,475*	7,940	9,446	9,708	8,830	9,837	11,355
Private households	6,101	6,102	6,064	6,061	6,390	6,686	1,101	1,096	1,083	1,039	1,069	1,104
Business services	68,642	74,396	80,907	93,326	110,262	120,568	33,847	26,582	20,298	18,995	21,606	23,610
Auto repair, services, and garages	21,169	22,812	24,033	26,101	28,054	30,399	8,797	8,447	7,830	8,052	8,548	9,191
Miscellaneous repair services	9,128	9,034	13,918	14,955	17,074	17,593	11,518	11,293	9,444	8,256	10,079	10,823
Amusement and recreation services	10,128	11,641	12,356	14,849	15,174	16,011	1,551	1,772	1,858	1,907	2,093	2,262
Motion pictures	857*	852*	772*	838	827	939	(D)	(D)	(D)	(D)	(D)	(D)
Health services	282,981	300,696	315,631	366,175	389,525	414,137	25,562	26,914	33,928	47,880	51,812	56,335
Legal services	26,528	28,943	34,878	35,261	41,133	44,057	12,096	12,185	13,268	13,551	14,031	14,972
Educational services	16,406	18,701	19,971	22,108	23,999	24,305	1,188	1,274	1,201	1,109	1,323	1,424
Social services	14,790	16,249	16,859	17,485	18,212	19,686	3,316	3,490	3,864	3,955	4,114	4,819
Museums, botanical, zoological gardens	573	630	667	705	792	964	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	30,755	31,248	31,889	34,972	38,277	39,722	6,899	6,894	6,996	7,038	7,300	7,647
Miscellaneous services	47,082	50,803	68,213	72,574	81,214	90,716	21,565	20,914	20,003	17,706	18,493	18,912
Government and government enterprises	313,680	327,017	343,399	359,496	394,322	414,403	116,285	124,251	127,681	110,335	110,858	115,222
Federal, civilian	34,710	36,610	37,096	38,583	41,818	43,193	19,486	20,374	20,156	21,185	21,728	23,306
Military	5,010	5,473	5,786	6,104	6,367	6,567	1,705	1,707	1,900	1,956	2,036	2,060
State and local	273,960	284,934	300,517	314,809	346,137	364,643	95,094	102,170	105,625	87,194	87,094	89,856

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Cedar Rapids, IA (MSA)						Champaign—Urbana—Rantoul, IL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,180,147**	**2,314,027**	**2,429,365**	**2,579,124**	**2,765,113**	**2,980,267**	**2,043,833**	**2,156,407**	**2,274,137**	**2,435,554**	**2,603,886**	**2,777,107**
Nonfarm personal income	2,165,885	2,299,406	2,402,911	2,554,751	2,750,193	2,962,438	2,002,956	2,105,525	2,230,577	2,397,870	2,578,457	2,722,058
Farm income[1]	14,262	14,621	26,454	24,373	14,920	17,829	40,877	50,882	43,560	37,684	25,429	55,049
Population (thousands)[2]	168.9	169.0	168.3	169.2	171.5	173.8	170.6	170.5	170.9	171.4	172.1	172.9
Per capita personal income (dollars)	**12,906**	**13,689**	**14,432**	**15,243**	**16,122**	**17,143**	**11,979**	**12,651**	**13,310**	**14,212**	**15,131**	**16,063**
Derivation of total personal income:												
Total earnings by place of work	1,717,231	1,831,560	1,941,113	2,104,578	2,304,377	2,454,051	1,539,096	1,642,103	1,775,944	1,923,276	2,056,828	2,144,321
Less: Personal contributions for social insurance[3]	107,465	121,463	132,307	146,667	167,363	184,434	89,098	98,427	109,188	116,843	131,586	139,593
Plus: Adjustment for residence	−103,022	−112,349	−118,038	−134,997	−145,610	−153,026	−30,063	−39,234	−74,022	−87,838	−96,503	−94,191
Equals: Net earnings by place of residence	1,506,744	1,597,748	1,690,768	1,822,914	1,991,404	2,116,591	1,419,935	1,504,442	1,592,734	1,718,595	1,828,739	1,910,537
Plus: Dividends, interest, and rent[5]	406,909	425,370	432,327	437,962	446,171	508,303	357,998	368,537	384,598	396,654	430,392	494,104
Plus: Transfer payments	266,494	290,909	306,270	318,248	327,538	355,373	265,900	283,428	296,805	320,305	344,755	372,466
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,418,549	1,522,538	1,598,799	1,740,173	1,916,916	2,037,246	1,261,376	1,341,297	1,458,320	1,575,412	1,688,409	1,726,456
Other labor income	145,136	147,658	158,532	170,265	185,086	199,773	99,535	102,334	113,628	123,473	134,896	141,663
Proprietors' income[6]	153,546	161,364	183,782	194,140	202,375	217,032	178,185	198,472	203,996	224,391	233,523	276,202
Farm	10,654	11,221	23,242	21,207	11,923	15,032	36,909	47,003	39,785	33,783	21,609	51,272
Nonfarm	142,892	150,143	160,540	172,933	190,452	202,000	141,276	151,469	164,211	190,608	211,914	224,930
Earnings by industry:												
Farm	14,262	14,621	26,454	24,373	14,920	17,829	40,877	50,882	43,560	37,684	25,429	55,049
Nonfarm	1,702,969	1,816,939	1,914,659	2,080,205	2,289,457	2,436,222	1,498,219	1,591,221	1,732,384	1,885,592	2,031,399	2,089,272
Private	1,527,525	1,633,274	1,720,257	1,875,450	2,067,850	2,199,769	915,371	969,339	1,058,244	1,158,671	1,279,877	1,302,695
Agricultural services, forestry, fisheries, and other[7]	6,862	5,616	5,706	10,076	10,085	11,913	3,307	2,913	3,770	4,104	4,645	16,815
Agricultural services	6,467	5,389	5,633	9,964	10,017	11,867	3,230	2,769	3,589	3,908	4,396	16,568
Forestry, fisheries, and other[7]	395	227	73	112	68	(L)	77	144	181	196	249	247
Mining	8,001	9,194	5,521	5,865	5,901	5,948	3,791	4,699	2,327	2,205	2,985	2,941
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,917	4,068	1,206	1,256	1,759	1,855	(D)	(D)	(D)	(D)	2,043	2,032
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	5,084	5,126	4,315	4,609	4,142	4,093	(D)	(D)	(D)	(D)	936	903
Construction	80,439	89,722	93,474	108,074	128,206	133,491	77,846	83,957	95,721	111,298	114,530	110,095
Manufacturing	604,020	645,513	688,126	723,277	779,482	820,482	154,718	163,010	178,769	190,003	208,227	214,320
Nondurable goods	201,727	206,461	217,985	230,098	245,610	264,968	101,521	109,568	122,230	139,924	149,160	142,251
Food and kindred products	157,616	160,009	168,411	176,838	187,439	200,058	72,027	71,234	76,395	80,252	77,364	77,822
Textile mill products	0	0	(D)	(D)	(D)	298	0	0	0	0	0	(D)
Apparel and other textile products	292	318	359	337	385	390	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	8,418	9,560	10,454	(D)	0	0	(D)	(D)	(D)	0
Printing and publishing	23,880	25,590	27,238	28,725	31,920	34,000	22,001	24,874	26,864	29,192	34,455	36,876
Chemicals and allied products	1,084	1,001	(D)	944	1,130	4,096	(D)	(D)	(D)	6,742	10,012	3,018
Petroleum and coal products	0	0	0	0	0	0	0	428	500	435	383	987
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	2,327	(D)	(D)	10,487	13,309	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	8,392	9,694	(D)
Durable goods	402,293	439,052	470,141	493,179	533,872	555,514	53,197	53,442	56,539	50,079	59,067	72,069
Lumber and wood products	552	615	743	999	1,005	1,209	(D)	(D)	(D)	282	277	(D)
Furniture and fixtures	(D)	(D)	(D)	320	535	614	(D)	312	270	259	333	(D)
Primary metal industries	(D)	(D)	973	(D)	1,123	1,183	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	30,321	28,682	16,204	16,606	20,707	20,657	14,925	(D)	(D)	15,224	16,573	22,495
Machinery, except electrical	126,403	140,602	133,069	130,294	153,443	(D)	8,284	10,109	12,425	11,973	13,398	16,573
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	869	1,815	5,725	7,897	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	0	0	0	3,574	2,657	4,202	(D)	238	(D)
Motor vehicles and equipment	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	14,568
Stone, clay, and glass products	3,513	2,875	3,084	3,841	3,852	4,153	2,231	2,044	3,168	4,085	4,616	3,160
Instruments and related products	2,918	3,295	3,253	3,290	(D)	5,052	3,420	3,606	3,518	3,803	4,424	3,631
Miscellaneous manufacturing industries	10,905	(D)	11,114	12,497	13,860	14,204	1,211	1,349	1,437	(D)	(D)	2,732
Transportation and public utilities	107,560	110,800	131,694	158,360	171,478	187,249	72,092	70,070	70,610	73,619	76,835	79,458
Railroad transportation	943	827	479	129	131	135	11,651	10,299	8,646	7,467	8,437	9,893
Trucking and warehousing	(D)	38,328	40,713	(D)	(D)	62,973	18,758	17,658	17,643	21,524	23,633	24,322
Water transportation	0	(D)	(D)	0	0	(D)	(D)	0	0	0	0	0
Other transportation[8]	7,969	7,868	9,653	11,964	11,194	10,241	(D)	6,942	7,911	8,699	9,989	10,821
Communication	21,565	21,023	36,883	43,739	44,863	53,864	25,275	23,836	25,783	25,262	24,192	23,339
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	10,063	11,335	10,627	10,667	10,584	11,083
Wholesale trade	116,472	123,314	115,251	123,267	134,985	144,752	94,760	104,143	112,669	118,254	127,631	125,258
Retail trade	171,520	173,642	180,454	188,120	211,111	225,523	155,484	158,022	160,279	169,125	190,120	184,294
Finance, insurance, and real estate	103,399	109,479	109,129	128,921	130,649	132,271	50,009	56,985	66,129	81,628	85,250	71,713
Banking and credit agencies	28,774	29,421	31,091	32,819	34,611	33,530	(D)	(D)	(D)	27,887	28,694	29,436
Other finance, insurance, and real estate[9]	74,625	80,058	78,038	96,102	96,038	98,741	(D)	(D)	(D)	53,741	56,556	42,277
Services	329,252	365,994	390,902	429,490	495,953	538,140	303,364	325,540	367,970	408,435	469,654	497,801
Hotels and other lodging places	6,966	7,097	6,483	9,804	13,351	12,964	8,753	8,450	8,672	9,408	9,771	10,321
Personal services	17,063	20,480	21,295	21,196	25,396	28,007	17,752	17,308	18,191	22,062	27,836	30,074
Private households	3,679	3,641	3,577	3,535	3,732	3,905	5,889	5,896	5,862	5,767	6,079	6,364
Business services	63,355	79,227	84,245	93,950	116,350	128,075	58,581	63,587	75,197	87,287	100,216	111,295
Auto repair, services, and garages	16,944	18,371	18,747	17,473	21,913	23,679	11,280	13,904	14,767	12,899	12,798	13,597
Miscellaneous repair services	5,726	5,687	6,754	6,664	8,190	8,788	5,926	5,015	5,209	5,467	6,268	6,026
Amusement and recreation services	4,649	4,932	5,806	6,486	7,041	8,226	3,681	4,064	4,807	5,122	4,681	4,660
Motion pictures	1,674	1,944	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	123,355	130,354	136,702	158,208	173,803	188,939	122,321	126,509	140,315	156,688	188,104	195,726
Legal services	28,723	33,433	38,679	38,321	43,644	46,871	16,493	18,212	23,349	21,930	23,814	27,176
Educational services	18,154	19,857	23,050	23,156	25,005	27,286	2,410	2,576	2,797	2,852	2,920	3,752
Social services	7,441	8,269	8,871	10,358	12,635	15,996	12,862	17,649	20,638	22,199	23,749	27,510
Museums, botanical, zoological gardens	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,910	11,906	12,632	13,729	15,317	16,322	18,220	20,144	21,222	22,948	25,824	24,616
Miscellaneous services	19,613	20,796	22,016	24,887	28,371	27,784	18,478	21,394	26,077	32,889	36,464	35,616
Government and government enterprises	175,444	183,665	194,402	204,755	221,607	236,453	582,848	621,882	674,140	726,921	751,522	786,577
Federal, civilian	27,455	29,321	30,709	32,971	36,089	37,481	66,028	62,510	60,328	65,493	76,776	78,957
Military	3,049	3,186	3,677	4,224	4,371	4,605	95,356	105,502	110,972	109,883	99,777	92,088
State and local	144,940	151,158	160,016	167,560	181,147	194,367	421,464	453,870	502,840	551,545	574,969	615,532

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Charleston, SC (MSA)						Charleston, WV (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,824,796**	**5,165,508**	**5,514,211**	**5,936,981**	**6,434,221**	**6,455,650**	**3,179,472**	**3,316,436**	**3,408,822**	**3,497,826**	**3,654,449**	**3,872,773**
Nonfarm personal income	4,794,342	5,143,799	5,498,195	5,915,281	6,403,620	6,426,339	3,176,724	3,315,258	3,407,510	3,496,658	3,652,910	3,871,716
Farm income[1]	30,454	21,709	16,016	21,700	30,601	29,311	2,748	1,178	1,312	1,168	1,539	1,057
Population (thousands)[2]	473.6	477.0	491.2	502.5	510.8	522.7	271.8	269.1	263.9	263.7	260.8	258.0
Per capita personal income (dollars)	**10,187**	**10,829**	**11,227**	**11,816**	**12,597**	**12,351**	**11,696**	**12,324**	**12,916**	**13,264**	**14,013**	**15,009**
Derivation of total personal income:												
Total earnings by place of work	3,807,570	4,047,641	4,313,450	4,648,144	5,045,266	5,327,305	2,447,817	2,524,504	2,584,802	2,634,881	2,742,064	2,861,632
Less: Personal contributions for social insurance[3]	213,218	235,212	257,922	260,790	291,907	315,758	140,394	152,433	156,425	161,371	174,945	191,913
Plus: Adjustment for residence	−37,543	−44,381	−47,470	−53,180	−61,546	−68,242	−186,333	−189,083	−202,539	−197,921	−206,446	−219,021
Equals: Net earnings by place of residence	3,556,809	3,768,048	4,008,058	4,334,174	4,691,813	4,943,305	2,121,090	2,182,988	2,225,838	2,275,589	2,360,673	2,450,698
Plus: Dividends, interest, and rent[5]	535,118	592,707	647,062	689,195	755,578	407,583	480,848	506,709	521,365	529,699	566,048	637,835
Plus: Transfer payments	732,869	804,753	859,091	913,612	986,830	1,104,762	577,534	626,739	661,619	692,538	727,728	784,240
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,300,943	3,513,758	3,721,094	3,980,960	4,297,163	4,611,317	2,060,258	2,133,092	2,183,501	2,214,228	2,298,064	2,389,207
Other labor income	239,577	247,252	260,179	283,322	315,565	348,303	216,691	210,209	210,462	203,817	207,150	219,697
Proprietors' income[6]	267,050	286,631	332,177	383,862	432,538	367,685	170,868	181,203	190,839	216,836	236,850	252,728
Farm	26,516	17,785	12,112	17,533	26,375	24,964	2,430	865	1,006	850	1,222	738
Nonfarm	240,534	268,846	320,065	366,329	406,163	342,721	168,438	180,338	189,833	215,986	235,628	251,990
Earnings by industry:												
Farm	30,454	21,709	16,016	21,700	30,601	29,311	2,748	1,178	1,312	1,168	1,539	1,057
Nonfarm	3,777,116	4,025,932	4,297,434	4,626,444	5,014,665	5,297,994	2,445,069	2,523,326	2,583,490	2,633,713	2,740,525	2,860,575
Private	2,233,407	2,408,128	2,611,068	2,835,016	3,100,000	3,222,152	2,068,088	2,118,163	2,159,152	2,193,384	2,287,049	2,413,924
Agricultural services, forestry, fisheries, and other[7]	16,761	21,346	26,226	29,843	35,991	37,619	4,226	4,429	4,681	6,706	6,691	6,760
Agricultural services	9,335*	(D)	(D)	(D)	(D)	21,108*	4,110	4,268	4,490	6,551	6,508	6,583
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	116	161	191	155	183	177
Mining	(D)	(D)	(D)	(D)	(D)	5,218	128,544	99,432	97,819	88,617	77,835	79,356
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	105,560	73,058	74,585	65,404	53,281	50,562
Oil and gas extraction	3,961*	6,086*	(D)	(D)	(D)	2,856*	21,582*	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	241,932	262,270	295,345	299,595	327,029	319,180	131,939	130,994	139,651	142,603	149,434	158,671
Manufacturing	496,289	505,724	519,229	539,907	578,418	611,816	458,636	485,677	454,417	416,636	422,550	442,859
Nondurable goods	224,837	228,960	236,863	240,145	252,260	273,116	394,049	411,641	395,443	372,297	384,713	400,639
Food and kindred products	(D)	(D)	(D)	9,866*	10,677*	6,553	(D)	(D)	(D)	(D)	(D)	9,067*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	16,404	19,856	20,931	22,135	23,256	24,601	12,430*	14,629*	15,457*	15,093*	18,524*	18,191*
Chemicals and allied products	70,747	68,953	66,671	63,155	66,261	68,471	366,953	381,879	363,949	340,349	350,590	370,789
Petroleum and coal products	12,812	10,907	12,613	11,167	10,737*	10,527*	737*	0	0	0	0	0
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	271,452	276,764	282,366	299,762	326,158	338,700	64,587	74,036	58,974	44,339	37,837	42,220
Lumber and wood products	30,811	35,380	42,214	44,854	44,206	43,695	2,313	2,099*	1,757	1,876	2,529*	3,000*
Furniture and fixtures	8,693	10,231	(D)	(D)	(D)	10,020*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0	(D)
Fabricated metal products	6,431	7,259	6,023	(D)	(D)	(D)	48,199	52,307*	42,208*	26,849*	18,062*	20,244*
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	6,236*	6,168*	5,898*	6,668*	8,509*	5,438*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)
Motor vehicles and equipment	(D)	(D)	(D)	577	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	31,240*	31,061*	32,803	33,185	34,624	26,032*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	907	897	940	899	1,114	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	220,305	232,524	245,858	274,043	303,352	294,808	281,636	279,216	278,006	282,667	294,328	312,028
Railroad transportation	(D)	(D)	(D)	(D)	13,718	15,151	17,386	16,071	14,723	13,468	15,184	15,599
Trucking and warehousing	59,166	61,834	65,442	75,684	81,842	59,968	58,956	57,868	57,991	56,255	56,454	53,868
Water transportation	43,873*	44,748*	43,498	50,102	60,179*	60,326	(D)	(D)	(D)	(D)	4,956*	5,348*
Other transportation[8]	28,685*	30,266*	34,543*	43,132*	(D)	49,139*	11,374	12,164	(D)	(D)	13,396*	17,129
Communication	45,500*	46,409*	47,395*	50,258*	51,192*	57,914*	(D)	(D)	81,370	84,311	85,163	92,748
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	44,110	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	152,368*	166,442*	171,663*	182,721*	206,518*	231,499	188,597	194,768	193,125	195,556	206,003	219,452
Retail trade	369,981	402,289	428,057	458,289	498,980	499,815	254,397	258,889	266,089	270,822	281,324	285,478
Finance, insurance, and real estate	140,604	151,991	167,111	195,127	207,096	210,542	122,117	133,185	144,570	165,690	165,624	167,288
Banking and credit agencies	46,442	52,854	57,599*	67,210	70,123	72,707	48,962	52,467	56,085	51,954*	52,646*	52,242*
Other finance, insurance, and real estate[9]	94,162	99,137	103,654*	127,917	136,973	137,835	73,155	80,718	88,485	108,488*	108,069*	109,397*
Services	576,664	646,506	743,084	837,731	925,693	1,011,655	497,996	531,573	580,794	624,087	683,260	742,032
Hotels and other lodging places	24,827	26,867	31,295	35,496*	37,500*	31,704*	11,154*	10,987*	10,750*	11,258*	11,928*	11,615*
Personal services	27,638	32,096	35,481	36,971	52,044	60,217	21,991	27,444	28,787	29,639	33,884	37,156
Private households	28,541	28,848	28,986	29,207	31,119	32,877	6,512	6,475	6,361	6,262	6,506	6,718
Business services	65,563	76,044	94,785	114,806	121,248	138,078	48,496	53,447	61,498	65,261	71,676	87,448
Auto repair, services, and garages	30,260	36,558	42,178	45,145	49,442	52,256	15,191	16,485	16,906	17,652	18,395	19,362
Miscellaneous repair services	24,204	25,588	26,421	(D)	36,239	(D)	9,798	(D)	9,609	9,147	10,023	11,587
Amusement and recreation services	14,734	17,975	20,979	23,618	16,704	16,060	(D)	6,538*	8,917	9,650	10,564	10,761
Motion pictures	1,307*	3,011*	1,445*	1,754*	1,902*	2,216*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	172,595	194,639	218,144	249,886	271,551	297,269	240,118	249,789	267,383	294,428	316,224	333,778
Legal services	43,477	49,517	59,044	66,206	76,995	84,137	56,737	59,769	67,876	70,824	81,051	91,422
Educational services	14,126*	13,901*	16,141	17,531	19,474	19,948	8,129	9,902	10,932	11,659	14,015	15,049
Social services	14,492	16,389	19,034	20,995	26,744	29,695	12,825	13,375*	14,535*	16,836*	18,507*	21,692*
Museums, botanical, zoological gardens	540	842	1,180	1,368	(D)	1,633	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	24,892	24,803	27,188	28,158	30,966	31,645
Miscellaneous services	89,148	98,084	123,192	136,946	152,529	173,771	36,130	(D)	(D)	48,612*	57,750	61,892
Government and government enterprises	1,543,709	1,617,804	1,686,366	1,791,428	1,914,665	2,075,842	376,981	405,163	424,338	440,329	453,476	446,651
Federal, civilian	506,748	517,813	517,083	548,996	619,791	701,586	50,150	51,908	51,187	56,094	60,773	65,022
Military	599,263	619,717	631,385	658,274	662,592	689,875	6,077	6,362	6,878	7,223	7,534	7,675
State and local	437,698	480,274	537,898	584,158	632,282	684,381	320,754	346,893	366,273	377,012	385,169	373,954

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Charlotte—Gastonia—Rock Hill, NC—SC (MSA)						Charlottesville, VA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**12,833,500**	**13,934,511**	**15,151,408**	**16,663,204**	**18,249,380**	**19,685,788**	**1,495,141**	**1,617,946**	**1,762,919**	**1,942,467**	**2,136,504**	**2,339,514**
Nonfarm personal income	12,679,448	13,781,506	14,994,955	16,546,283	18,106,588	19,524,448	1,479,109	1,604,817	1,746,739	1,922,061	2,115,313	2,317,365
Farm income[1]	154,052	153,005	156,453	116,921	142,792	161,340	16,032	13,129	16,180	20,406	21,191	22,149
Population (thousands)[2]	1,031.4	1,053.3	1,068.2	1,090.0	1,112.0	1,132.9	118.8	119.8	120.0	122.1	123.8	124.6
Per capita personal income (dollars)	**12,442**	**13,230**	**14,184**	**15,288**	**16,411**	**17,377**	**12,586**	**13,509**	**14,691**	**15,913**	**17,257**	**18,775**
Derivation of total personal income:												
Total earnings by place of work	10,872,577	11,789,295	12,874,860	14,329,225	15,723,549	16,864,893	1,126,304	1,213,084	1,328,647	1,472,924	1,609,919	1,732,378
Less: Personal contributions for social insurance[3]	646,034	735,996	807,261	866,986	981,157	1,084,883	53,169	58,319	64,274	69,008	78,443	86,982
Plus: Adjustment for residence	−506,544	−523,235	−546,256	−633,314	−708,946	−760,501	−110,254	−112,687	−121,369	−134,010	−150,608	−158,396
Equals: Net earnings by place of residence	9,719,999	10,530,064	11,521,343	12,828,925	14,033,446	15,019,509	962,881	1,042,078	1,143,004	1,269,906	1,380,868	1,487,000
Plus: Dividends, interest, and rent[5]	1,659,922	1,838,636	1,956,419	2,064,296	2,304,854	2,561,568	336,519	371,933	395,736	433,284	486,151	563,894
Plus: Transfer payments	1,453,579	1,565,811	1,673,646	1,769,983	1,911,080	2,104,711	195,741	203,935	224,179	239,277	269,485	288,620
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,087,466	9,884,179	10,746,689	12,016,832	13,152,154	14,104,369	936,544	1,010,221	1,102,851	1,209,265	1,324,854	1,425,794
Other labor income	913,938	941,604	1,030,051	1,127,620	1,230,609	1,335,488	82,097	84,458	93,803	100,047	108,862	118,364
Proprietors' income[6]	871,173	963,512	1,098,120	1,184,773	1,340,786	1,425,036	107,663	118,405	131,993	163,612	176,203	188,220
Farm	141,272	140,366	143,981	103,808	129,632	148,009	11,782	9,007	12,194	16,304	17,155	18,173
Nonfarm	729,901	823,146	954,139	1,080,965	1,211,154	1,277,027	95,881	109,398	119,799	147,308	159,048	170,047
Earnings by industry:												
Farm	154,052	153,005	156,453	116,921	142,792	161,340	16,032	13,129	16,180	20,406	21,191	22,149
Nonfarm	10,718,525	11,636,290	12,718,407	14,212,304	15,580,757	16,703,553	1,110,272	1,199,955	1,312,467	1,452,518	1,588,728	1,710,229
Private	9,740,557	10,548,401	11,531,684	12,908,060	14,134,278	15,107,801	762,262	821,290	894,556	997,505	1,092,174	1,167,790
Agricultural services, forestry, fisheries, and other[7]	36,483	43,519	44,492*	64,345	75,047	81,646	5,005	6,040	6,340*	8,342*	8,732*	9,433*
Agricultural services	(D)	(D)	(D)	57,790*	67,620*	73,844*	4,717	5,393	5,553*	7,734*	8,026*	8,560*
Forestry, fisheries, and other[7]	2,845*	(D)	2,288*	(D)	(D)	(D)	288	647	795	608	706	873
Mining	22,562	31,447	(D)	18,349	23,658	25,009	5,639*	7,581*	3,768	3,767*	5,650*	5,235*
Coal mining	149	99	100	51	62	67	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	14,588*	22,581*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,231
Metal mining	(D)	(D)	(L)	(D)	624	920	0	0	0	0	0	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	700,062	793,070	921,562	1,013,391	1,136,113	1,164,874	73,634	84,259	97,909	105,449	123,463	129,533
Manufacturing	3,044,836	3,116,927	3,373,620	3,671,332	3,917,056	4,095,196	188,636	187,865	199,805	210,275	218,094	224,808
Nondurable goods	1,907,839	1,933,900	2,124,978	2,303,316	2,417,121	2,494,971	67,569*	65,432*	58,681*	58,666*	61,900*	65,332*
Food and kindred products	163,250*	187,104*	174,469*	(D)	(D)	240,435*	32,675*	31,543*	(D)	22,186	20,964	(D)
Textile mill products	(D)	(D)	878,842	950,569	940,451	943,986	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	170,423*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	141,243	163,301	178,910	186,140	212,669	238,285	15,738*	17,965*	17,792*	20,993*	24,536*	28,042*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	436,916*	(D)	(D)	(D)	(D)	0	0
Petroleum and coal products	4,508*	4,612*	5,629	6,246	6,822	6,277*	0	0	0	0	0	0
Tobacco manufactures	43,040	53,515	60,203	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	141,848*	161,798*	167,968*	188,026*	184,843*	(D)	(D)	(D)	(D)	(D)	(D)	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,136,997	1,183,027	1,248,642	1,368,016	1,499,935	1,600,225	120,282*	121,396*	140,086*	146,556*	146,670*	145,936*
Lumber and wood products	(D)	(D)	61,592	60,995	54,053	44,949	6,064*	7,177	7,545	8,848	9,633*	10,612
Furniture and fixtures	35,141*	39,203*	50,169*	53,491*	71,575*	77,954*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	69,101*	(D)	(D)	(D)	(D)	90,099*	0	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	137,424*	133,129*	157,361	166,860*	184,575*	198,002*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	484,789	492,996*	524,500	578,375	613,716*	677,642*	(D)	(D)	(D)	(D)	2,382*	2,767*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	89,497	(D)	110,840*	108,160*	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Motor vehicles and equipment	146,307*	(D)	(D)	(D)	(D)	176,398*	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	106,612	(D)	(D)	(D)	(D)	3,547	4,159
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	1,347,572*	1,652,756	1,778,411	1,896,428	61,900	67,732	73,257	76,551	82,050	87,272
Railroad transportation	40,660	42,908	41,630	39,527	38,422	35,907	(D)	(D)	3,468	3,217	3,336	3,170
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	9,149	7,421	7,980*	8,656*	9,974	10,823
Water transportation	446*	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	222,988*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	36,715*	40,102*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,070,556	1,221,673	1,242,002	1,387,239	1,546,218	1,702,528	48,649*	48,810*	53,312*	55,746	48,748	51,290
Retail trade	1,096,126	1,193,215	1,310,046	1,427,134	1,599,771	1,683,253	110,110	118,678	128,778	141,683	159,140	174,103
Finance, insurance, and real estate	667,516	741,577	888,045	1,138,951	1,191,626	1,268,087	59,235	64,921	69,985	97,982	91,266	98,149
Banking and credit agencies	249,853*	280,595*	336,588*	410,871	425,933*	468,522*	(D)	(D)	(D)	(D)	19,835*	(D)
Other finance, insurance, and real estate[9]	402,371*	444,569*	533,369*	728,080	743,100*	775,532*	(D)	(D)	(D)	(D)	69,889*	(D)
Services	1,679,165*	1,889,798*	2,109,632*	2,534,563	2,866,378	3,190,780	209,158	235,027	260,615	297,005	354,179	387,111
Hotels and other lodging places	45,054*	49,035*	55,381*	63,151*	69,852*	76,209*	9,854*	12,414*	13,767*	14,822*	15,460*	15,979*
Personal services	103,501	128,107	146,880	159,366	170,714	190,103	12,758	15,590	17,285	19,016	21,024	23,650
Private households	57,295	58,153	58,423	58,848	62,744	66,248	12,041	12,186	12,285	12,463	13,343	14,127
Business services	400,619	481,285	557,084	633,661	711,703	796,849	33,975	36,981	42,817	52,812	62,421	72,366
Auto repair, services, and garages	93,362	107,303	115,686	132,299	148,226	160,871	9,540	10,623	12,496	12,678	14,290	15,168
Miscellaneous repair services	62,752	60,668	66,871	71,010	82,805	88,584	3,847	3,834	4,199	4,277	4,810	5,029
Amusement and recreation services	37,456	42,130	50,886	59,446	72,265	84,950	4,565*	5,098*	6,029*	6,491*	8,468*	9,932*
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	417,483*	488,066	547,327	652,331	759,367	846,770	55,660	64,841	70,043	81,408	94,013	106,290
Legal services	107,659	118,766	135,948	155,184	175,211	198,012	9,959	10,875	12,318	14,024	21,528	23,880
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	45,909	52,220	60,177	69,985	79,214	92,596	6,712*	7,448*	8,637*	10,691*	13,358*	14,906*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	64,853	64,765	67,192	74,066	80,489	83,439	9,132	9,608	10,859	12,494	14,377	15,369
Miscellaneous services	245,581	289,620	314,170	318,164	358,025	401,730	29,851	33,508	37,226	41,586	56,259	54,893
Government and government enterprises	977,968	1,087,889	1,186,723	1,304,244	1,446,479	1,595,752	348,010	378,665	417,911	455,013	496,554	542,439
Federal, civilian	149,634	162,702	169,131	181,863	210,296	226,301	32,080	33,961	34,616	36,396	41,028	41,907
Military	26,150	29,570	30,860	32,701	34,346	36,152	13,805	14,318	15,282	15,765	15,048	14,785
State and local	802,184	895,617	986,732	1,089,680	1,201,837	1,333,299	302,125	330,386	368,013	402,852	440,478	485,747

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Chattanooga, TN—GA (MSA)						Cheyenne, WY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,628,285**	**4,946,623**	**5,331,139**	**5,811,353**	**6,303,850**	**6,644,983**	**947,664**	**991,091**	**1,021,105**	**1,047,442**	**1,096,199**	**1,158,191**
Nonfarm personal income	4,603,821	4,925,661	5,308,439	5,788,375	6,278,293	6,616,281	946,194	989,769	1,015,483	1,040,150	1,089,184	1,154,000
Farm income[1]	24,464	20,962	22,700	22,978	25,557	28,702	1,470	1,322	5,622	7,292	7,015	4,191
Population (thousands)[2]	425.1	424.7	428.7	434.2	438.1	441.9	73.6	73.3	75.0	75.7	75.2	76.5
Per capita personal income (dollars)	**10,888**	**11,647**	**12,434**	**13,385**	**14,388**	**15,038**	**12,872**	**13,514**	**13,610**	**13,835**	**14,578**	**15,139**
Derivation of total personal income:												
Total earnings by place of work	3,562,813	3,780,438	4,082,747	4,533,644	4,921,784	5,104,272	731,310	759,287	772,958	790,032	814,387	847,734
Less: Personal contributions for social insurance[3]	208,001	232,058	250,403	266,570	297,934	321,663	35,678	38,585	39,676	43,731	46,951	50,753
Plus: Adjustment for residence	−101,354	−101,496	−124,438	−146,628	−169,282	−162,299	−21,134	−21,532	−21,179	−20,915	−21,357	−22,023
Equals: Net earnings by place of residence	3,253,458	3,446,884	3,707,906	4,120,446	4,454,568	4,620,310	674,498	699,170	712,103	725,386	746,079	774,958
Plus: Dividends, interest, and rent[5]	647,997	713,098	750,384	766,191	864,955	993,185	138,796	147,613	150,165	154,793	171,936	194,500
Plus: Transfer payments	726,830	786,641	872,849	924,716	984,327	1,031,488	134,370	144,308	158,837	167,263	178,184	188,733
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,907,391	3,094,816	3,330,163	3,704,715	4,009,296	4,139,733	637,221	663,789	671,796	677,148	696,442	724,526
Other labor income	281,556	285,003	309,072	336,424	362,779	384,334	45,417	44,735	43,840	44,643	47,404	51,797
Proprietors' income[6]	373,866	400,619	443,512	492,505	549,709	580,205	48,672	50,763	57,322	68,241	70,541	71,411
Farm	22,117	18,699	20,504	20,710	23,320	26,482	−1,885	−1,860	2,611	4,296	4,162	1,501
Nonfarm	351,749	381,920	423,008	471,795	526,389	553,723	50,557	52,623	54,711	63,945	66,379	69,910
Earnings by industry:												
Farm	24,464	20,962	22,700	22,978	25,557	28,702	1,470	1,322	5,622	7,292	7,015	4,191
Nonfarm	3,538,349	3,759,476	4,060,047	4,510,666	4,896,227	5,075,570	729,840	757,965	767,336	782,740	807,372	843,543
Private	2,885,189	3,071,704	3,330,193	3,675,449	3,969,089	4,178,102	448,145	458,666	457,685	464,248	481,960	507,099
Agricultural services, forestry, fisheries, and other[7]	9,893	10,448	10,709	13,705	14,032	14,414	2,285	2,162	2,361	2,620	2,722	2,781
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,701
Forestry, fisheries, and other[7]	(D)	1,547*	1,850*	1,255*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	80
Mining	35,487	37,103	33,769	25,717	24,947	24,187	11,627	9,266	8,058	9,433	9,076	10,725
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	158	186	186
Oil and gas extraction	5,643*	7,885*	2,813*	2,984*	(D)	(D)	9,249	7,820	6,688	(D)	6,525	7,077
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	77
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,353	3,385
Construction	200,371	226,985	249,056	270,517	297,591	292,814	44,197	48,514	60,029	52,059	51,473	45,877
Manufacturing	936,350	939,038	1,010,133	1,085,146	1,167,735	1,188,203	32,280	30,583	29,227	32,381	35,912	38,916
Nondurable goods	508,977	518,447	576,710	639,695	683,459*	713,757*	19,310	19,983	19,621	21,355	26,787	29,396
Food and kindred products	111,364*	115,298*	139,159*	154,922*	171,988*	179,112*	1,088	998	853	1,172	1,323	1,514
Textile mill products	174,497*	174,128*	199,460*	224,335*	233,420*	242,949*	0	0	0	0	0	0
Apparel and other textile products	(D)	10,175*	(D)	(D)	(D)	(D)	(L)	61	(L)	127	(D)	100
Paper and allied products	34,507*	36,856*	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Printing and publishing	32,625*	35,806*	39,964*	46,275*	52,215*	55,799*	4,190	4,361	4,249	4,158	9,744	10,735
Chemicals and allied products	102,738*	97,234*	106,818*	115,061*	121,791*	126,119*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	5,292	5,147	3,818	2,748	0	358	9,842	9,152	8,922	10,370	9,975	10,935
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	13,958*	15,477	16,705	18,212*	15,222*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	8,128*	8,506	6,887*	6,225*	6,395*	5,459*	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	427,373	420,591	433,423	445,451	478,652*	466,461*	12,970	10,600	9,606	11,026	9,125	9,520
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	974	917	1,019	(D)	1,343	1,389
Furniture and fixtures	7,211*	7,591*	7,939*	10,001*	12,915*	13,043*	0	0	0	(L)	(D)	(D)
Primary metal industries	106,784*	91,366*	95,050*	100,226*	110,147*	92,938*	0	0	0	0	0	0
Fabricated metal products	128,452*	121,748*	109,857*	102,908*	117,635*	116,091*	565	304	242	143	107	(D)
Machinery, except electrical	52,280	55,823*	59,046*	62,669*	69,533*	79,398*	(D)	(D)	(D)	(D)	4,358	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	980	754	543	1,421	(D)	1,396
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	67	(D)	0
Stone, clay, and glass products	47,195*	46,601*	44,530*	41,135*	38,379*	22,594*	(D)	1,930	1,517	1,309	447	1,227
Instruments and related products	11,326	12,528	14,594	15,788*	14,338*	15,369*	(D)	248	126	152	209	384
Miscellaneous manufacturing industries	(D)	13,838*	14,901*	15,867*	18,182*	(D)	1,018	1,053	1,220	1,305	1,381	1,319
Transportation and public utilities	223,450	233,527	255,578	274,053	280,855	301,819	135,064	130,739	110,645	110,218	119,518	128,188
Railroad transportation	46,095*	47,345*	44,660*	45,926*	54,060	61,090	53,107	47,659	45,000	43,331	42,725	45,098
Trucking and warehousing	97,613	99,657	112,208	122,658	(D)	(D)	29,353	30,270	30,978	35,018	41,506	46,833
Water transportation	2,363	2,740	2,851	2,704	2,968	(D)	0	0	0	0	0	0
Other transportation[8]	15,559*	17,453*	21,427*	23,418*	23,949*	(D)	(D)	(D)	3,141	3,343	4,891	5,085
Communication	43,710*	46,070*	48,867*	50,758*	52,576*	51,299*	(D)	(D)	25,361	23,539	24,956	25,891
Electric, gas, and sanitary services	(D)	(D)	(D)	23,451*	24,920*	27,193*	19,843	21,214	6,165	4,987	5,440	5,281
Wholesale trade	246,974	264,129	285,408	308,290	325,179	350,021	17,088	18,187	18,739	16,531	18,100	19,717
Retail trade	373,080	395,511	413,903	461,258	514,998	533,293	77,126	81,207	79,196	78,123	76,239	75,475
Finance, insurance, and real estate	222,890	252,483	275,772	334,114	328,898	338,461	39,737	42,811	45,012	47,668	45,819	46,509
Banking and credit agencies	48,768*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,155	19,350
Other finance, insurance, and real estate[9]	167,194*	185,452*	206,514*	254,524*	246,461*	252,515*	(D)	(D)	(D)	(D)	26,664	27,159
Services	636,694	712,480	795,865	902,649	1,014,854	1,134,890	88,741	95,197	104,418	115,215	123,101	138,911
Hotels and other lodging places	(D)	(D)	(D)	(D)	21,456*	22,094*	4,130	4,003	6,071	6,747	5,964	7,669
Personal services	61,740	69,067	70,801	77,547	88,964	99,746	5,989	7,055	6,682	6,491	7,349	7,903
Private households	14,773	14,911	14,948	15,048	15,984	16,831	862	858	854	813	836	863
Business services	84,155	106,350	130,563	158,033	167,332	204,601	8,564	9,518	10,609	13,373	13,867	17,753
Auto repair, services, and garages	35,564	40,351	44,620	44,560	46,895	52,728	4,487	5,111	4,907	4,652	4,687	4,837
Miscellaneous repair services	17,217	16,017	17,859	18,177	19,991	21,881	2,335	1,900	2,075	2,099	2,442	2,482
Amusement and recreation services	11,180	12,811	13,817	15,729	15,799	16,638	1,250	1,380	1,851	2,226	2,387	2,793
Motion pictures	1,988*	2,865*	3,081*	2,835*	2,887*	3,768*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	226,603	246,144	268,998	323,750	373,044	407,596	28,417	29,932	33,326	37,030	40,424	45,849
Legal services	55,182	61,054	64,138	68,978	78,352	87,403	12,476	13,921	15,803	17,940	19,277	20,713
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,526	1,548	1,664	1,665	1,875	2,036
Social services	8,084*	8,646*	10,698*	12,894*	15,308*	17,712*	3,496	4,141	3,256	3,669	3,985	4,540
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	668	766	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	26,999	27,581	29,062	31,063	34,120	35,350	8,129	8,356	8,474	8,822	9,831	10,151
Miscellaneous services	56,327	65,218	81,311	87,325	106,534	117,222	6,757	7,131	8,426	9,198	9,705	10,620
Government and government enterprises	653,160	687,772	729,854	835,217	927,138	897,468	281,695	299,299	309,651	318,492	325,412	336,444
Federal, civilian	277,482	283,770	301,332	369,080	415,987	357,845	60,052	63,439	65,834	70,847	75,165	80,300
Military	11,741	12,617	13,865	15,036	15,632	15,944	71,447	78,901	81,477	87,287	87,452	88,438
State and local	363,937	391,385	414,657	451,101	495,519	523,679	150,196	156,959	162,340	160,358	162,795	167,706

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Chicago, IL (PMSA)						Chico, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**93,053,225**	**98,057,335**	**103,170,270**	**109,684,104**	**118,645,602**	**127,014,381**	**1,735,958**	**1,875,303**	**2,005,480**	**2,180,697**	**2,366,596**	**2,589,896**
Nonfarm personal income	93,023,181	98,023,049	103,137,716	109,651,366	118,607,380	126,964,712	1,700,831	1,833,800	1,954,577	2,108,601	2,291,617	2,528,634
Farm income[1]	30,044	34,286	32,554	32,738	38,222	49,669	35,127	41,503	50,903	72,096	74,979	61,262
Population (thousands)[2]	6,157.0	6,169.7	6,189.9	6,210.2	6,216.3	6,241.8	158.3	162.4	165.3	169.1	174.5	179.0
Per capita personal income (dollars)	**15,113**	**15,893**	**16,668**	**17,662**	**19,086**	**20,349**	**10,969**	**11,545**	**12,134**	**12,894**	**13,564**	**14,471**
Derivation of total personal income:												
Total earnings by place of work	74,006,258	78,695,852	84,246,497	90,746,417	98,739,361	104,019,902	933,115	1,028,064	1,115,664	1,257,906	1,366,487	1,470,597
Less: Personal contributions for social insurance[3]	4,517,291	5,040,079	5,540,816	5,850,150	6,606,011	7,185,133	56,466	65,091	71,383	80,008	91,733	105,391
Plus: Adjustment for residence	−5,061,906	−5,695,828	−6,579,780	−7,366,153	−7,931,451	−8,265,476	42,033	38,913	40,533	44,019	46,853	51,416
Equals: Net earnings by place of residence	64,427,061	67,959,945	72,125,901	77,530,114	84,201,899	88,569,293	918,682	1,001,886	1,084,814	1,221,917	1,321,607	1,416,622
Plus: Dividends, interest, and rent[5]	16,448,052	17,254,544	17,726,568	18,285,758	19,847,066	22,812,587	394,197	410,176	422,421	429,796	479,161	558,977
Plus: Transfer payments	12,178,112	12,842,846	13,317,801	13,868,232	14,596,637	15,632,501	423,079	463,241	498,245	528,984	565,828	614,297
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	61,936,405	65,756,738	70,286,629	75,277,612	81,828,033	85,989,545	685,328	756,908	815,761	903,440	980,835	1,070,975
Other labor income	6,135,256	6,275,304	6,726,477	7,091,996	7,618,792	8,121,143	68,033	71,874	78,068	85,213	93,377	103,543
Proprietors' income[6]	5,934,597	6,663,810	7,233,391	8,376,809	9,292,536	9,909,214	179,754	199,282	221,835	269,253	292,275	296,079
Farm	15,735	19,911	18,221	17,557	22,995	34,124	14,823	22,389	33,736	52,090	53,710	40,913
Nonfarm	5,918,862	6,643,899	7,215,170	8,359,252	9,269,541	9,875,090	164,931	176,893	188,099	217,163	238,565	255,166
Earnings by industry:												
Farm	30,044	34,286	32,554	32,738	38,222	49,669	35,127	41,503	50,903	72,096	74,979	61,262
Nonfarm	73,976,214	78,661,566	84,213,943	90,713,679	98,701,139	103,970,233	897,988	986,561	1,064,761	1,185,810	1,291,508	1,409,335
Private	65,711,525	70,063,601	75,092,440	81,171,807	88,430,423	93,216,628	723,092	790,570	851,031	952,064	1,036,766	1,136,631
Agricultural services, forestry, fisheries, and other[7]	168,501	172,533	191,545	246,530	278,842	291,381	11,640	12,112	13,575	19,097	19,838	23,674
Agricultural services	158,072	162,064	181,629	234,945	265,349	278,068	11,219	11,676	13,061	18,788	19,451	23,217
Forestry, fisheries, and other[7]	10,429	10,469	9,916	11,585	13,493	13,313	421	436	514	309	387	457
Mining	246,015	331,492	189,365	181,821	219,234	213,929	2,975	4,047	2,392	1,667	2,421	2,516
Coal mining	(D)	3,571	5,315	(D)	523	315	(D)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	177,936	249,403*	101,961*	94,446	130,361	(D)	2,794	3,932	2,036	1,405	2,164	2,345
Metal mining	(D)	(L)	68	(D)	866	458	(D)	(L)	(D)	(D)	104	(D)
Nonmetallic minerals, except fuels	63,305	68,916*	75,814*	85,601	87,484	(D)	133	84	(D)	(D)	144	145
Construction	3,780,253	4,131,381	4,679,731	5,086,628	5,548,772	5,880,337	72,759	82,512	88,165	106,729	108,443	119,747
Manufacturing	16,796,685	16,869,946	17,091,412	17,519,976	19,104,262	19,371,499	94,271	98,609	108,595	115,570	134,278	144,569
Nondurable goods	6,627,408	6,737,772	6,891,379	7,237,953	7,806,809	7,961,776	32,673	32,970	34,756	36,522	41,166	47,320
Food and kindred products	1,676,118	1,663,911	1,711,384	1,754,190	1,906,836	1,935,096	21,961	22,023	23,051	22,393	25,085	28,743
Textile mill products	(D)	(D)	26,917*	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	191,854*	194,266*	208,184*	207,554*	237,369	230,533	309	346	347	(D)	444	3,337
Paper and allied products	617,899	608,551	647,108	683,464	722,841	725,164	(D)	(D)	(D)	0	(D)	(D)
Printing and publishing	2,067,471	2,162,765	2,165,173	2,327,115	2,527,635	2,560,127	6,639	7,150	7,471	7,701	8,517	10,051
Chemicals and allied products	1,119,204	1,141,638	1,171,336	1,215,820	1,341,055	1,404,822	360	(D)	(D)	170	(D)	(D)
Petroleum and coal products	209,409	216,033	217,031	223,825	241,737	245,593	0	0	0	0	0	0
Tobacco manufactures	14,830	13,660	11,901	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	644,690	653,492	672,130	722,009	703,604	756,245	1,697	1,432	1,640	3,462	(D)	(D)
Leather and leather products	64,065*	59,571*	56,607*	59,426	65,341	60,884*	(D)	(D)	(D)	(D)	2,820	(D)
Durable goods	10,169,277	10,132,174	10,200,033	10,282,023	11,297,453	11,409,723	61,598	65,639	73,839	79,048	93,112	97,249
Lumber and wood products	104,452	103,565	97,672	111,730	131,288	128,134	35,726	37,688	45,453	49,394	50,489	53,251
Furniture and fixtures	225,949*	226,979*	219,373*	260,393*	260,672*	252,157*	(D)	(D)	(D)	(D)	(D)	2,056
Primary metal industries	1,067,278	1,012,117	955,586	925,642	1,041,981	1,133,368	1,227	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	2,165,696	2,259,033	2,347,131	2,342,472	2,426,819	2,249,997	2,484	2,317	2,038	2,336	2,115	2,382
Machinery, except electrical	1,766,249	1,852,857	1,822,138	1,912,049	2,194,918	2,197,497	14,478	14,200	16,728	15,556	19,690	18,528
Electric and electronic equipment	2,620,381	2,504,530	2,568,932	2,588,602	2,746,416	2,872,317	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	396,911*	378,502*	371,847*	329,141*	375,091	393,654	(D)	1,316	1,565	1,281	1,386	1,154
Motor vehicles and equipment	378,022*	372,974*	414,006*	392,916*	485,344*	547,776*	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	327,941	345,645	333,841	367,493	444,416	438,769	3,287	3,829	4,322	4,755	5,275	5,110
Instruments and related products	588,324*	620,323*	572,308*	529,663*	642,032	649,042	667	700	699	743	946	1,076
Miscellaneous manufacturing industries	478,334	407,592	450,294	476,752	528,131	524,969	1,206	1,271	1,215	1,209	1,366	795
Transportation and public utilities	6,023,963	6,482,079	6,855,413	7,305,350	7,676,513	7,972,627	78,995	82,518	86,094	86,460	88,614	92,862
Railroad transportation	598,308	559,530	564,418	(D)	552,994	548,632	5,207	4,386	3,328	2,299	2,385	2,553
Trucking and warehousing	1,437,625	1,485,718	1,523,537	1,668,767	1,804,673	1,804,714	16,280	16,656	19,346	20,927	22,525	22,001
Water transportation	43,389*	42,533*	41,081*	45,046*	47,160*	45,710	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	1,570,041*	1,702,608*	1,945,554*	(D)	2,363,192*	2,542,907*	9,729	(D)	(D)	(D)	(D)	(D)
Communication	1,557,943	1,796,354	1,855,830	1,967,663	1,998,035	2,038,532*	24,956	24,055	24,932	24,044	22,633	22,862
Electric, gas, and sanitary services	725,476*	786,270*	791,421*	829,283*	905,203	979,751	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	7,031,193	7,664,144	8,024,660	8,579,586	9,246,937	10,024,392	31,384	35,131	37,457	40,123	42,734	48,830
Retail trade	6,438,440	6,819,454	7,309,650	7,892,182	8,384,849	8,861,938	134,554	142,121	146,517	163,406	185,462	203,103
Finance, insurance, and real estate	7,116,073	7,734,274	8,543,191	10,239,003	11,087,598	11,106,028	40,676	46,608	53,669	69,722	66,119	72,746
Banking and credit agencies	2,087,513*	2,224,893	2,349,887*	2,681,024	2,724,792*	3,001,747	18,049	18,807	19,664	23,466	22,812	24,192
Other finance, insurance, and real estate[9]	4,599,544*	5,509,381	5,612,393*	7,557,979	7,544,849*	8,104,281	22,627	27,801	34,005	46,256	43,307	48,554
Services	18,110,402	19,858,298	22,207,473	24,120,731	26,883,416	29,494,497	255,838	286,912	314,567	349,290	388,857	428,584
Hotels and other lodging places	395,956	397,368	416,222	481,956*	546,969	592,993	2,987	2,951	2,375	3,618	4,011	4,414
Personal services	612,673	721,544	805,865	847,728	970,549	1,075,008	13,076	17,117	17,761	19,265	21,774	25,651
Private households	140,869	141,007	140,122	137,660	134,224*	140,603*	4,621	4,723	4,809	4,902	5,271	5,635
Business services	4,789,985	5,472,092	6,268,931	6,969,934	7,673,620	8,536,446	35,277	45,814	47,542	44,620	50,328	57,504
Auto repair, services, and garages	582,756	631,440	687,840	711,728	779,091	836,462	15,194	16,804	18,398	19,412	20,311	22,450
Miscellaneous repair services	283,917	270,464	314,024	288,076	344,897	394,175	6,390	5,174	5,534	5,613	7,266	8,036
Amusement and recreation services	306,336	323,030	373,065	415,583	455,930	450,685	3,200	3,583	4,733	5,136	6,147	6,335
Motion pictures	172,023	181,644	195,259	191,299*	228,532	255,114	(D)	(D)	(D)	(D)	(D)	(D)
Health services	4,735,732	4,966,276	5,349,388	5,781,276	6,218,113	6,633,399	116,225	127,110	142,134	168,123	183,432	195,764
Legal services	1,931,331	2,124,911	2,463,398	2,728,701	3,144,125	3,453,026	17,563	18,562	19,096	19,664	21,716	24,260
Educational services	955,179	1,045,782	1,078,250	1,130,656	1,260,083	1,368,044	2,674	2,672	2,631	3,079	3,430	3,749
Social services	330,478	374,237	430,140	475,124	545,581	611,957	5,358	6,687	9,436	11,939	13,533	15,536
Museums, botanical, zoological gardens	48,271	53,497	59,614	68,101	70,566*	77,287*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	828,398	864,318	936,270	1,034,790	1,162,081	1,261,973	13,275	14,368	15,783	16,428	18,391	19,524
Miscellaneous services	1,996,498	2,290,688	2,689,085	2,857,393	3,332,218	3,792,438	19,538	20,868	23,770	26,955	32,256	38,731
Government and government enterprises	8,264,689	8,597,965	9,121,503	9,541,872	10,270,716	10,753,605	174,896	195,991	213,730	233,746	254,742	272,704
Federal, civilian	1,624,737	1,700,564	1,731,873	1,820,601	1,983,632	2,081,045	12,715	13,260	13,938	14,489	16,291	16,584
Military	111,364	122,857	136,011	146,032	149,423	151,974	2,589	3,011	3,268	3,432	3,588	3,646
State and local	6,528,588	6,774,544	7,253,619	7,575,239	8,137,661	8,520,586	159,592	179,720	196,524	215,825	234,863	252,474

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Cincinnati, OH—KY—IN (PMSA)						Clarksville—Hopkinsville, TN—KY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**18,468,764**	**19,544,201**	**20,821,612**	**22,366,019**	**24,078,428**	**25,759,884**	**1,441,021**	**1,529,811**	**1,620,813**	**1,757,557**	**1,879,005**	**2,006,425**
Nonfarm personal income	18,429,104	19,509,313	20,790,808	22,331,221	24,048,649	25,723,100	1,415,944	1,513,358	1,611,143	1,745,120	1,863,862	1,987,414
Farm income[1]	39,660	34,888	30,804	34,798	29,779	36,784	25,077	16,453	9,670	12,437	15,143	19,011
Population (thousands)[2]	1,408.2	1,413.3	1,431.1	1,442.7	1,448.8	1,461.6	151.8	153.9	156.5	157.1	158.9	160.6
Per capita personal income (dollars)	**13,115**	**13,828**	**14,550**	**15,502**	**16,620**	**17,624**	**9,492**	**9,937**	**10,356**	**11,186**	**11,829**	**12,495**
Derivation of total personal income:												
Total earnings by place of work	13,903,570	14,922,236	16,047,635	17,475,837	18,806,667	19,905,098	1,105,580	1,165,971	1,234,192	1,332,086	1,407,971	1,489,978
Less: Personal contributions for social insurance[3]	897,193	1,010,959	1,107,275	1,188,682	1,319,834	1,443,502	57,358	62,915	68,359	72,677	81,107	88,343
Plus: Adjustment for residence	−577,530	−702,418	−826,461	−966,608	−998,124	−1,097,459	2,637	4,571	3,197	21,528	34,070	34,186
Equals: Net earnings by place of residence	12,428,847	13,208,859	14,113,899	15,320,547	16,488,709	17,364,137	1,050,859	1,107,627	1,169,030	1,280,937	1,360,934	1,435,821
Plus: Dividends, interest, and rent[5]	3,314,563	3,452,529	3,618,631	3,771,667	4,072,210	4,644,304	159,759	170,938	179,606	187,844	207,717	238,174
Plus: Transfer payments	2,725,354	2,882,813	3,089,082	3,273,805	3,517,509	3,751,443	230,403	251,246	272,177	288,776	310,354	332,430
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	11,704,294	12,623,186	13,551,992	14,691,121	15,842,169	16,757,629	930,275	990,781	1,049,376	1,119,121	1,172,252	1,233,129
Other labor income	1,203,315	1,233,463	1,327,783	1,370,278	1,451,146	1,556,708	59,494	60,178	65,166	70,124	75,031	82,533
Proprietors' income[6]	995,961	1,065,587	1,167,860	1,414,438	1,513,352	1,590,761	115,811	115,012	119,650	142,841	160,688	174,316
Farm	30,365	25,859	22,019	25,793	20,970	28,101	19,925	11,341	4,568	7,061	9,733	13,474
Nonfarm	965,596	1,039,728	1,145,841	1,388,645	1,492,382	1,562,660	95,886	103,671	115,082	135,780	150,955	160,842
Earnings by industry:												
Farm	39,660	34,888	30,804	34,798	29,779	36,784	25,077	16,453	9,670	12,437	15,143	19,011
Nonfarm	13,863,910	14,887,348	16,016,831	17,441,039	18,776,888	19,868,314	1,080,503	1,149,518	1,224,522	1,319,649	1,392,828	1,470,967
Private	12,292,784	13,218,712	14,233,278	15,545,146	16,705,839	17,661,551	561,643	587,787	642,246	714,648	764,305	813,409
Agricultural services, forestry, fisheries, and other[7]	32,208	34,663	37,040	48,601	54,610	60,413	(D)	3,194	3,319	5,526	5,715	5,570
Agricultural services	29,732*	34,166	36,603	48,195	54,190	60,104	(D)	3,109	3,222	5,453	5,630	5,484
Forestry, fisheries, and other[7]	(D)	497	437	406	420	309	72	85	97	73	85	86
Mining	50,947	67,324	29,891	30,337	39,700	40,627	(D)	2,346	3,070	12,692	13,671	15,045
Coal mining	4,014	4,977	2,706	1,411	(D)	1,108	(D)	(D)	(D)	(D)	3,529	4,141
Oil and gas extraction	39,442*	53,071*	18,741*	17,905*	25,938*	28,314*	(D)	1,743	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	104	(D)	(D)	−1,914	−982	−159	7,450	7,900	8,806
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	679,731*	716,236*	857,136	1,001,116	1,103,912	1,169,461	44,731	47,214	60,133	61,147	62,573	62,559
Manufacturing	4,374,736	4,641,240	4,913,273	5,026,379	5,144,844	5,322,954	192,814	197,729	209,822	221,438	234,018	258,675
Nondurable goods	1,855,604	1,937,046	2,083,074	2,178,910	2,297,765	2,371,681	92,878	97,667	105,760	101,484	104,223	113,073
Food and kindred products	376,555*	375,779*	396,501*	390,764*	398,419*	(D)	(D)	(D)	(D)	(D)	(D)	1,980
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	56,169*	56,043*	55,687*	58,841*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	169,126*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	304,974	322,264	343,427	370,319	401,885	433,018	14,880*	(D)	19,345*	(D)	(D)	(D)
Chemicals and allied products	752,003*	805,516*	887,186*	952,277*	999,339*	1,052,068*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	32,562*	34,490*	31,853*	25,016	28,552	28,173	4,732*	4,170*	5,100*	5,974*	2,614	3,006
Tobacco manufactures	0	0	0	0	0	0	14,352	15,884	15,309	(D)	(D)	(D)
Rubber and misc. plastic products	120,032*	128,886*	(D)	(D)	172,765	176,707*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	2,519,132	2,704,194	2,830,199	2,847,469	2,847,079	2,951,273	99,936	100,062	104,062	119,954	129,795	145,602
Lumber and wood products	(D)	33,725*	39,095*	41,046*	44,392*	43,114*	4,397	4,796	5,035	5,999	7,622	7,994
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	368,070*	9,596	9,438	9,972	10,655	10,690	11,384
Machinery, except electrical	599,070	627,804	644,034	648,778	653,132	631,853	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	236,166*	231,365*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	68,147	(D)	(D)	(D)	(D)	(D)	3,641	3,607
Instruments and related products	(D)	(D)	(D)	71,370*	81,396*	(D)	(D)	(D)	(D)	(D)	(D)	0
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	987,858*	1,031,785*	1,103,746	1,208,367	1,324,751	1,417,371	34,392	35,020	37,238	40,600	41,156	42,504
Railroad transportation	105,312	103,616	97,461	87,620	91,586	86,652	1,119	998	(D)	(D)	925	720
Trucking and warehousing	300,031	303,025	297,655	315,411	335,306	349,305	15,409	14,734	15,368	15,775	15,944	16,882
Water transportation	21,411*	21,210*	(D)	20,223*	29,040*	30,796*	0	0	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,977	2,085	1,873	(D)	(D)
Communication	305,300*	319,718*	345,573*	375,619*	383,326*	396,085*	10,929	11,789	12,214	15,172	15,401	15,970
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,522	6,575	6,798	7,339	7,363
Wholesale trade	1,097,423	1,187,259	1,271,718	1,378,583	1,483,118	1,614,516	33,252	36,027	38,127	42,171	46,381	48,458
Retail trade	1,387,120	1,485,256	1,598,284	1,691,074	1,881,070	1,966,670	106,488	108,163	113,925	128,051	138,016	140,489
Finance, insurance, and real estate	715,411	783,637	883,906	1,132,461	1,200,438	1,200,365	28,899	30,255	34,103	39,940	39,155	39,568
Banking and credit agencies	222,061*	239,200*	263,126*	282,084*	309,383*	344,197*	16,878	17,398	19,131	20,606	22,400	(D)
Other finance, insurance, and real estate[9]	464,024*	513,384*	587,171*	799,621*	841,556*	804,521*	12,021	12,857	14,972	19,334	16,755	(D)
Services	2,882,877	3,194,903	3,538,284	4,028,228	4,473,396	4,869,174	116,635	127,839	142,509	163,083	183,620	200,541
Hotels and other lodging places	69,117*	71,585*	72,273*	86,523*	99,493*	100,304*	2,703	3,095	3,258	3,605	3,517	3,296
Personal services	127,931	153,984	165,476	177,921	204,154	228,891	11,148	13,764	14,941	15,506	17,921	21,029
Private households	43,234	43,238	42,948	42,396*	44,766*	47,411	5,851	5,876	5,864	5,872	6,204	6,504
Business services	516,969	606,450	674,329	794,492	888,597	988,082	11,974	13,302	15,609	19,376	21,821	24,672
Auto repair, services, and garages	104,641	120,918	130,760	144,169	146,623	158,811	12,155	13,033	15,391	16,177	16,834	17,815
Miscellaneous repair services	38,018*	38,709	42,398	53,336	61,818	65,988	3,959	3,016	3,527	3,198	3,729	4,122
Amusement and recreation services	(D)	(D)	137,499*	145,529*	(D)	178,096*	(D)	(D)	(D)	(D)	2,568	2,915
Motion pictures	11,210*	10,195*	9,120*	10,214*	12,578*	14,136*	0	0	0	0	(D)	(D)
Health services	1,022,778	1,111,762	1,209,324	1,394,275	1,557,056	1,682,503	41,395	45,613	50,612	60,411	71,174	78,249
Legal services	199,912	211,432	242,219	269,878	303,314	317,451	6,676	7,326	8,303	8,640	9,364	10,544
Educational services	(D)	100,681*	104,748*	(D)	(D)	(D)	3,209	3,926	4,366	6,884	7,874	6,531
Social services	99,887	108,789	116,491	128,043	132,203	147,338	3,601	2,741	2,924	4,010	3,118	3,359
Museums, botanical, zoological gardens	5,040*	5,537*	6,088*	7,077*	7,965*	8,627*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	112,943	118,050	121,146	132,490	146,739	154,580	5,955	6,907	6,397	7,169	7,929	8,167
Miscellaneous services	317,543	352,261	445,830	505,663	553,882	620,778	6,498	7,499	9,232	9,837	11,487	13,154
Government and government enterprises	1,571,126	1,668,636	1,783,553	1,895,893	2,071,049	2,206,763	518,860	561,731	582,276	605,001	628,523	657,558
Federal, civilian	332,477	358,470	374,588	403,518	444,837	478,557	72,429	73,441	75,987	84,044	85,876	92,935
Military	30,932	33,627	35,508	38,023	39,163	40,335	347,072	379,713	389,551	393,849	403,990	413,197
State and local	1,207,717	1,276,539	1,373,457	1,454,352	1,587,049	1,687,871	99,359	108,577	116,738	127,108	138,657	151,426

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Cleveland, OH (PMSA)						Colorado Springs, CO (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**27,199,618**	**28,529,824**	**29,729,874**	**31,284,936**	**33,396,443**	**35,725,930**	**4,579,334**	**5,033,422**	**5,406,709**	**5,758,843**	**6,072,318**	**6,478,732**
Nonfarm personal income	27,170,976	28,496,874	29,697,020	31,246,703	33,362,240	35,689,891	4,571,906	5,024,909	5,397,790	5,747,484	6,061,682	6,467,416
Farm income[1]	28,642	32,950	32,854	38,233	34,203	36,039	7,428	8,513	8,919	11,359	10,636	11,316
Population (thousands)[2]	1,866.3	1,857.1	1,863.3	1,857.8	1,845.0	1,842.0	352.5	367.2	379.7	391.4	393.9	402.3
Per capita personal income (dollars)	**14,574**	**15,362**	**15,956**	**16,840**	**18,101**	**19,395**	**12,992**	**13,707**	**14,240**	**14,714**	**15,417**	**16,105**
Derivation of total personal income:												
Total earnings by place of work	20,879,618	21,987,718	22,974,730	24,288,801	26,020,692	27,498,074	3,316,502	3,659,814	3,948,794	4,205,888	4,434,269	4,657,919
Less: Personal contributions for social insurance[3]	1,366,082	1,510,500	1,606,010	1,678,557	1,854,575	2,030,761	178,108	204,360	226,690	238,679	262,424	284,349
Plus: Adjustment for residence	−1,413,555	−1,535,857	−1,613,334	−1,702,662	−1,825,087	−2,007,780	52,762	53,846	54,645	49,678	50,134	54,072
Equals: Net earnings by place of residence	18,099,981	18,941,361	19,755,386	20,907,582	22,341,030	23,459,533	3,191,156	3,509,300	3,776,749	4,016,887	4,221,979	4,427,642
Plus: Dividends, interest, and rent[4]	4,852,978	5,094,573	5,164,546	5,289,061	5,701,148	6,489,568	736,058	810,298	851,188	889,712	936,412	1,066,762
Plus: Transfer payments	4,246,659	4,493,890	4,809,942	5,088,293	5,354,265	5,776,829	652,120	713,824	778,772	852,244	913,927	984,328
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	17,381,943	18,356,284	19,052,377	20,093,114	21,517,575	22,706,389	2,801,985	3,091,440	3,323,118	3,539,001	3,724,339	3,896,970
Other labor income	1,847,846	1,838,326	1,906,160	1,912,379	2,017,801	2,147,833	208,610	224,940	238,544	248,071	262,159	285,549
Proprietors' income[6]	1,649,829	1,793,108	2,016,193	2,283,308	2,485,316	2,643,852	305,907	343,434	387,132	418,816	447,771	475,400
Farm	15,628	20,171	20,295	25,182	21,285	23,096	4,961	6,124	6,621	9,004	8,330	9,063
Nonfarm	1,634,201	1,772,937	1,995,898	2,258,126	2,464,031	2,620,756	300,946	337,310	380,511	409,812	439,441	466,337
Earnings by industry:												
Farm	28,642	32,950	32,854	38,233	34,203	36,039	7,428	8,513	8,919	11,359	10,636	11,316
Nonfarm	20,850,976	21,954,768	22,941,876	24,250,568	25,986,489	27,462,035	3,309,074	3,651,301	3,939,875	4,194,529	4,423,633	4,646,603
Private	18,574,899	19,535,032	20,448,542	21,631,418	23,223,262	24,459,484	2,300,788	2,579,366	2,775,637	2,916,834	3,075,258	3,262,082
Agricultural services, forestry, fisheries, and other[7]	50,217	52,206	56,191	71,648	80,451	85,617	11,241	11,554	13,053	17,624	17,848	18,944
Agricultural services	48,661	51,558	55,801	71,334	80,185	85,392	11,034	10,993	12,403	16,775	16,896	17,982
Forestry, fisheries, and other[7]	1,556	648	390	314	266	225	207	561	650	849	952	962
Mining	116,065	132,411	91,766	96,460	104,736	99,942	29,807	32,892	28,765	23,287	20,478	22,699
Coal mining	36,635	36,944	40,028	25,800	26,982	24,874	6,412	(D)	9,420	4,618	3,976	3,568
Oil and gas extraction	52,485*	67,744*	(D)	35,975*	43,300*	(D)	19,722	21,122	13,848	13,620	12,187	14,721
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	300	378	845	405	294
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,119	4,204	3,910	4,116
Construction	1,101,501	1,074,080	1,030,715	1,111,798	1,184,521	1,309,237	305,101	331,709	331,986	274,254	267,632	264,952
Manufacturing	6,482,859	6,691,931	6,703,222	6,769,858	7,212,283	7,496,166	569,721	633,921	667,912	689,954	727,171	789,514
Nondurable goods	1,781,438	1,837,753	1,919,618	2,032,396	2,089,149	2,150,622	81,374	89,613	94,323	116,800	119,755	120,733
Food and kindred products	178,991	173,429	181,864	193,695	208,974	205,490	18,693	18,615	19,161	21,508	21,735	18,545
Textile mill products	13,943	13,447	13,474	10,715*	10,470*	12,067*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	63,794*	61,404*	180	(D)	1,557	1,870	1,644	413
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	370,367	395,665	420,334	434,955	459,494	489,930	59,522	66,414	69,704	89,396	91,983	96,770
Chemicals and allied products	471,943	485,223	526,231	546,160	592,202	616,096	525	1,117	1,601	1,471	1,478	(D)
Petroleum and coal products	241,470	265,549	258,573	306,403	273,676	270,837	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	274,435	276,424	285,520	296,650	285,741	296,588	2,027	2,071	1,895	2,100	2,383	4,385
Leather and leather products	701	728	751	798	(D)	(D)	214	205	(D)	(D)	(D)	(D)
Durable goods	4,701,421	4,854,178	4,783,604	4,737,462	5,123,134	5,345,544	488,347	544,308	573,589	573,154	607,416	668,781
Lumber and wood products	22,569	27,837	30,419	(D)	(D)	(D)	9,017	11,199	16,746	15,688	14,605	14,898
Furniture and fixtures	(D)	(D)	(D)	(D)	56,902*	57,305*	9,199	10,084	9,025	9,620	9,780	10,801
Primary metal industries	874,058*	834,926*	787,271*	872,814*	971,871*	997,155*	1,789	(D)	(D)	(D)	(D)	1,516
Fabricated metal products	921,557	962,292	977,255	986,375	1,073,506	1,130,871	38,100	42,427	42,572	44,583	53,065	62,077
Machinery, except electrical	973,591	1,007,460	932,851	895,563	965,432	1,033,686	118,213	161,520	171,335	153,245	169,458	178,634
Electric and electronic equipment	591,082	621,581*	620,396*	602,491*	626,982	660,990	196,552	220,437	230,969	247,531	258,307	297,191
Transportation equip. excl. motor vehicles	247,140*	278,311*	298,534*	293,495*	295,992*	306,217*	(D)	(D)	(D)	(D)	1,150	1,397
Motor vehicles and equipment	591,436*	612,519*	618,721*	582,403*	659,373*	677,048*	6,745	6,927	6,563	8,735	(D)	8,820
Stone, clay, and glass products	107,003	110,534	109,739	122,333	129,882	133,382	12,995	14,332	13,768	10,734	10,781	12,127
Instruments and related products	(D)	(D)	(D)	196,458	199,977	200,069	(D)	71,020	75,971	74,602	73,547	76,150
Miscellaneous manufacturing industries	(D)	67,308	73,006	82,439	92,494	91,058	4,392	4,585	4,652	5,396	6,325	5,170
Transportation and public utilities	1,366,511	1,368,639	1,417,526	1,429,308	1,461,026	1,531,394	154,859	163,241	168,233	179,267	181,659	198,806
Railroad transportation	75,611	71,909	72,386	65,195	65,661	64,330	1,913	1,695	1,461	1,309	1,470	1,783
Trucking and warehousing	323,369	327,402	339,897	353,150	366,205	360,465	29,053	34,144	38,361	42,020	41,933	41,981
Water transportation	68,939*	66,720*	64,585	62,048	63,988	78,927	(L)	(L)	(L)	(L)	0	0
Other transportation[8]	(D)	207,161*	217,876*	222,074*	236,094	248,433*	12,747	14,572	18,422	33,774	34,036	39,989
Communication	427,086*	394,984*	409,701*	414,482*	442,392	464,047*	80,613	81,882	82,935	79,548	76,900	85,530
Electric, gas, and sanitary services	(D)	287,186	299,746	300,272	286,686	296,688*	30,535	30,949	27,055	22,617	27,320	29,523
Wholesale trade	1,754,625	1,882,275	1,937,109	1,989,897	2,181,848	2,278,223	82,958	100,316	112,970	145,803	148,006	162,286
Retail trade	1,770,229	1,858,214	1,946,636	2,010,337	2,123,764	2,186,495	350,315	377,443	389,325	392,741	409,271	424,617
Finance, insurance, and real estate	1,110,120	1,172,900	1,315,784	1,655,345	1,709,973	1,755,922	160,135	199,682	223,190	243,880	229,878	230,980
Banking and credit agencies	421,500*	432,781*	463,829*	492,535*	566,184	609,885	51,464	61,268	73,391	77,753	68,092	67,058
Other finance, insurance, and real estate[9]	655,061*	697,853*	805,160*	1,089,109*	1,143,789	1,146,037	108,671	138,414	149,799	166,127	161,786	163,922
Services	4,822,772	5,302,376	5,949,593	6,496,767	7,164,660	7,716,488	636,651	728,608	840,203	950,024	1,073,315	1,149,284
Hotels and other lodging places	66,344*	70,661*	67,753*	76,900*	86,063*	83,336*	36,492	40,053	45,706	50,775	52,773	57,524
Personal services	160,862	189,727	196,432	206,129	226,292	250,642	35,730	40,838	45,823	49,947	55,895	61,973
Private households	51,223	51,217	50,861	50,796	53,636	56,169	5,153	5,224	5,242	5,257	5,531	5,801
Business services	788,414	912,411	1,028,530	1,154,139	1,258,503	1,389,295	127,670	159,496	182,503	219,821	258,217	283,477
Auto repair, services, and garages	147,257	168,063	179,977	190,650	203,845	220,155	28,937	34,189	37,979	42,036	44,303	46,916
Miscellaneous repair services	63,432	65,055	70,155	76,933	92,014	98,410	15,998	12,547	14,159	12,672	15,259	16,620
Amusement and recreation services	114,609	124,623	137,669	143,078	176,853	177,997	16,884	20,985	24,892	26,703	29,508	31,782
Motion pictures	10,029*	10,327*	10,999*	12,878*	15,382*	16,478*	3,101	3,003	3,011	(D)	(D)	3,178
Health services	1,677,308	1,811,608	1,993,608	2,214,361	2,386,543	2,473,059	178,559	192,676	217,530	257,779	288,869	303,056
Legal services	445,955	494,018	569,431	624,991	719,749	782,563	30,677	34,485	41,771	47,668	56,431	59,948
Educational services	236,984*	254,101*	271,198*	286,811*	308,389*	322,361*	21,941	23,964	24,922	26,509	30,175	35,954
Social services	117,482*	124,641*	139,983	152,900	172,031	180,876	16,727	19,344	22,163	24,803	27,119	31,275
Museums, botanical, zoological gardens	9,175*	9,250*	9,931*	11,535*	12,157*	12,454*	1,020	1,051	1,073	(D)	(D)	1,201
Membership organizations	168,756	176,903	179,953	195,874	211,949	220,606	31,848	36,042	36,572	37,309	42,795	46,407
Miscellaneous services	756,763	829,960	1,040,087	1,095,351	1,238,482	1,428,685	85,914	104,711	136,857	144,539	161,221	164,172
Government and government enterprises	2,276,077	2,419,736	2,493,334	2,619,150	2,763,227	3,002,551	1,008,286	1,071,935	1,164,238	1,277,695	1,348,375	1,384,521
Federal, civilian	553,923	589,907	583,720	628,086	658,460	724,953	205,276	210,721	219,004	234,966	244,716	252,748
Military	43,538	46,482	50,464	54,142	54,589	56,693	500,688	526,817	562,798	624,763	660,770	663,210
State and local	1,678,616	1,783,347	1,859,150	1,936,922	2,050,178	2,220,905	302,322	334,397	382,436	417,966	442,889	468,563

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Columbia, MO (MSA)						Columbia, SC (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,241,975**	**1,320,087**	**1,414,497**	**1,533,660**	**1,658,578**	**1,781,003**	**4,919,098**	**5,331,565**	**5,736,159**	**6,195,952**	**6,762,488**	**7,314,172**
Nonfarm personal income	1,236,034	1,308,087	1,407,483	1,524,802	1,650,558	1,771,258	4,901,611	5,318,284	5,728,520	6,182,570	6,749,374	7,297,301
Farm income[1]	5,941	12,000	7,014	8,858	8,020	9,745	17,487	13,281	7,639	13,382	13,114	16,871
Population (thousands)[2]	105.0	104.9	104.6	105.7	105.8	105.7	433.0	435.8	443.7	448.8	456.5	463.7
Per capita personal income (dollars)	**11,828**	**12,583**	**13,519**	**14,510**	**15,677**	**16,851**	**11,360**	**12,234**	**12,927**	**13,805**	**14,815**	**15,775**
Derivation of total personal income:												
Total earnings by place of work	923,427	991,920	1,066,081	1,161,786	1,262,347	1,336,394	4,040,154	4,356,669	4,738,777	5,131,280	5,598,518	5,996,787
Less: Personal contributions for social insurance[3]	48,282	53,510	58,462	63,287	74,214	81,857	227,746	257,156	287,511	291,579	328,361	361,724
Plus: Adjustment for residence	13,691	5,833	5,922	3,805	1,264	3,392	−172,503	−173,268	−199,041	−214,775	−219,422	−231,457
Equals: Net earnings by place of residence	888,836	944,243	1,013,541	1,102,304	1,189,397	1,257,929	3,639,905	3,926,245	4,252,225	4,624,926	5,050,735	5,403,606
Plus: Dividends, interest, and rent[5]	207,024	216,752	231,384	244,448	261,375	299,344	585,840	644,418	679,091	723,401	792,165	902,834
Plus: Transfer payments	146,115	159,092	169,572	186,908	207,806	223,730	693,353	760,902	804,843	847,625	919,588	1,007,732
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	766,344	819,209	874,978	947,620	1,025,770	1,081,685	3,450,991	3,729,439	4,039,438	4,349,850	4,738,206	5,063,878
Other labor income	63,375	64,846	69,943	75,793	84,502	91,456	306,253	318,566	342,022	369,827	404,304	438,508
Proprietors' income[6]	93,708	107,865	121,160	138,373	152,075	163,253	282,910	308,664	357,317	411,603	456,008	494,401
Farm	4,416	10,519	5,571	7,375	6,563	8,304	15,118	11,018	5,454	11,103	10,859	14,627
Nonfarm	89,292	97,346	115,589	130,998	145,512	154,949	267,792	297,646	351,863	400,500	445,149	479,774
Earnings by industry:												
Farm	5,941	12,000	7,014	8,858	8,020	9,745	17,487	13,281	7,639	13,382	13,114	16,871
Nonfarm	917,486	979,920	1,059,067	1,152,928	1,254,327	1,326,649	4,022,667	4,343,388	4,731,138	5,117,898	5,585,404	5,979,916
Private	569,048	606,013	662,205	723,054	802,547	873,830	2,896,216	3,126,225	3,409,326	3,732,447	4,095,361	4,379,658
Agricultural services, forestry, fisheries, and other[7]	2,333	2,860	2,829	4,404	4,645	4,950	9,756	9,910	10,109	12,129	13,258	13,672
Agricultural services	2,312	2,801	2,734	4,356	4,586	4,892	8,424	8,561	(D)	10,976	12,100	13,218
Forestry, fisheries, and other[7]	(L)	59	95	(L)	59	58	1,332	1,349	(D)	1,153	1,158	454
Mining	5,775	5,471	3,177	2,534	2,866	2,870	12,935	15,815	11,125	11,292	13,560	14,092
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,355	1,741	527	575	862	914	(D)	(D)	(D)	2,160	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,119	(D)	(D)
Construction	56,086	63,051	77,593	75,450	79,125	75,303	291,655	267,090	310,486	324,197	364,388	360,708
Manufacturing	88,410	86,135	88,210	98,505	112,146	113,290	583,470	623,708	658,882	712,841	771,109	797,905
Nondurable goods	17,570	18,393	19,148	26,263	29,046	29,042	285,929	306,274	326,170	346,314	377,094	395,163
Food and kindred products	4,713	4,807	5,103	12,033	12,657	9,176	28,346	30,822	31,395	34,181	37,789	38,071
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	0	0	0	(D)	(D)	24,680	23,610	24,178	23,305	25,084	24,730
Paper and allied products	0	0	0	0	0	0	31,661	37,722	44,274	47,209	50,571	(D)
Printing and publishing	9,066	10,157	12,006	11,991	13,811	15,397	44,609	47,900	53,545	60,276	62,595	64,768
Chemicals and allied products	2,756	2,400	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	1,193	830	803	924	1,145	1,203	1,152
Tobacco manufactures	0	0	0	0	0	0	653	718	815	(D)	(D)	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	1,917	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	0	0	0	0	0	0	0	0	0
Durable goods	70,840	67,742	69,062	72,242	83,100	84,248	297,541	317,434	332,712	366,527	394,015	402,742
Lumber and wood products	1,469	1,465	1,530	1,133	1,309	1,111	10,390	(D)	(D)	(D)	(D)	11,441
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,302	1,194	1,016	858	1,639
Primary metal industries	(D)	(D)	(D)	0	0	0	37,442*	39,416*	39,628*	41,676*	44,818*	45,521*
Fabricated metal products	(D)	(D)	2,529	(D)	(D)	(D)	57,626	61,863	63,286	68,826	78,569	78,794
Machinery, except electrical	2,672	2,906	3,353	2,992	5,409	4,583	69,600	73,303	78,975	88,899	102,800	111,863
Electric and electronic equipment	56,074	53,047	53,830	55,033	59,433	61,286	42,586	45,136	50,755	61,844	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	(D)	(D)	(D)	(D)	21,718	21,576*	30,209	33,949
Motor vehicles and equipment	(D)	(D)	(D)	(D)	6,860	8,219	(D)	(D)	(D)	(D)	(D)	11,587*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	21,839	20,860	20,022	22,418	25,358	26,174
Instruments and related products	(D)	393	(D)	(D)	(D)	(D)	3,196	3,584	4,810	4,813	4,888	3,416*
Miscellaneous manufacturing industries	(D)	1,860	(D)	(D)	(D)	(D)	18,251	(D)	17,726	15,091	12,392	12,113
Transportation and public utilities	36,906	41,783	46,964	47,092	49,229	51,721	278,944	299,406	324,476	354,335	374,984	396,122
Railroad transportation	1,000	896	696	(D)	551	564	16,533	16,029	15,351	14,508	14,537	14,734
Trucking and warehousing	7,896	11,766	13,561	16,718	17,579	18,847	52,450	56,208	59,946	66,050	78,249	79,950
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	4,880	4,958	5,755	(D)	6,138	6,274	(D)	(D)	(D)	(D)	(D)	(D)
Communication	17,392	17,177	17,196	16,285	16,089	16,666	107,841	113,240	115,983	131,119	128,132	135,736
Electric, gas, and sanitary services	5,752	6,993	9,766	7,221	8,870	9,371	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	38,061	37,393	42,006	44,826	48,212	56,956	281,259	308,579	310,179	333,927	362,270	382,742
Retail trade	94,583	102,796	107,610	113,180	120,725	125,538	372,448	411,274	446,282	480,875	542,555	579,699
Finance, insurance, and real estate	72,326	77,896	83,613	97,510	103,331	106,518	340,161	381,880	413,529	454,645	468,357	508,357
Banking and credit agencies	11,535	12,273	14,572	15,063	16,063	18,988	148,616	164,434	174,400	168,085	178,474	178,006*
Other finance, insurance, and real estate[9]	60,791	65,623	69,041	82,447	87,268	87,530	191,545	217,446	239,129	286,560	289,883	289,720*
Services	174,568	188,628	210,203	239,553	282,268	336,684	725,588	808,563	924,258	1,048,206	1,184,880	1,326,361
Hotels and other lodging places	8,169	(D)	(D)	(D)	(D)	10,134	19,414	21,516	24,725	27,590	29,819	29,814
Personal services	8,664	11,443	12,695	13,152	14,977	16,462	36,944	44,329	48,086	51,968	59,410	64,776
Private households	2,654	2,666	2,664	2,670	2,822	2,954	58,801	59,474	59,717	60,116	64,209	67,905
Business services	27,162	29,463	37,585	45,099	52,406	58,484	136,218	159,986	182,114	213,420	253,862	291,205
Auto repair, services, and garages	7,249	8,273	9,614	11,841	13,281	14,294	29,455	34,315	37,897	43,979	46,977	51,509
Miscellaneous repair services	2,344	1,802	2,376	2,662	3,017	3,357	14,552	16,360	16,848	19,125	20,877	23,938
Amusement and recreation services	2,079	2,310	2,751	3,272	3,594	3,611	7,878	8,620	9,466	10,662	12,231	14,057
Motion pictures	420	531	567	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	65,319	70,961	73,958	88,279	111,761	149,649	181,219	201,261	227,499	261,726	287,015	322,174
Legal services	8,662	9,015	11,687	11,976	13,535	15,126	65,491	71,883	85,281	96,928	113,304	128,018
Educational services	11,787	(D)	(D)	13,358	14,396	(D)	23,133*	25,572*	25,459*	28,638	31,554	34,256
Social services	8,470	10,129	11,504	12,037	13,375	15,274	15,694	18,582	24,749	29,407	36,087	39,463
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,103	8,702	9,291	10,051	11,331	12,205	31,012	32,114	33,570	35,480	39,083	41,407
Miscellaneous services	13,486	12,624	14,469	15,263	17,470	20,022	102,332	110,825	145,143	166,054	187,139	214,250
Government and government enterprises	348,438	373,907	396,862	429,874	451,780	452,819	1,126,451	1,217,163	1,321,812	1,385,451	1,490,043	1,600,258
Federal, civilian	54,711	58,265	60,196	65,576	69,494	72,879	186,137	197,258	198,624	213,932	222,524	240,230
Military	4,878	4,956	5,082	5,367	5,477	5,624	193,524	182,202	200,223	182,242	173,290	178,343
State and local	288,849	310,686	331,584	358,931	376,809	374,316	746,790	837,703	922,965	989,277	1,094,229	1,181,685

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Columbus, GA—AL (MSA)						Columbus, OH (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,451,581**	**2,615,281**	**2,770,586**	**2,952,342**	**3,138,904**	**3,303,549**	**16,414,637**	**17,698,917**	**18,877,799**	**20,246,353**	**21,847,076**	**23,443,644**
Nonfarm personal income	2,446,647	2,611,694	2,767,376	2,948,158	3,133,560	3,300,955	16,295,008	17,568,978	18,755,701	20,128,710	21,743,530	23,322,281
Farm income[1]	4,934	3,587	3,210	4,184	5,344	2,594	119,629	129,939	122,098	117,643	103,546	121,363
Population (thousands)[2]	246.0	247.6	245.6	246.9	246.9	245.5	1,275.1	1,286.8	1,307.6	1,325.7	1,344.3	1,364.7
Per capita personal income (dollars)	**9,967**	**10,562**	**11,282**	**11,957**	**12,714**	**13,459**	**12,873**	**13,755**	**14,437**	**15,272**	**16,252**	**17,178**
Derivation of total personal income:												
Total earnings by place of work	1,921,158	2,043,797	2,180,363	2,349,347	2,450,035	2,520,334	12,800,582	13,912,179	14,942,668	16,145,018	17,519,925	18,631,653
Less: Personal contributions for social insurance[3]	105,534	116,306	123,807	133,489	145,189	154,326	848,258	962,570	1,052,228	1,124,411	1,251,027	1,371,176
Plus: Adjustment for residence	−155,023	−172,065	−181,904	−194,273	−181,748	−175,821	−269,377	−317,645	−355,029	−395,378	−442,357	−484,711
Equals: Net earnings by place of residence	1,660,601	1,755,426	1,874,652	2,021,585	2,123,098	2,190,187	11,682,947	12,631,964	13,535,411	14,625,229	15,826,541	16,775,766
Plus: Dividends, interest, and rent[5]	326,061	354,241	363,591	376,580	419,327	479,608	2,308,329	2,425,491	2,544,112	2,622,883	2,831,888	3,220,011
Plus: Transfer payments	464,919	505,614	532,343	554,177	596,479	633,754	2,423,361	2,641,462	2,798,276	2,998,241	3,188,647	3,447,867
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,674,300	1,779,333	1,893,492	2,030,254	2,104,024	2,153,726	10,769,658	11,760,127	12,604,036	13,649,574	14,826,011	15,742,299
Other labor income	130,684	134,693	143,938	157,345	166,121	176,635	998,125	1,033,268	1,112,448	1,140,351	1,221,199	1,327,316
Proprietors' income[6]	116,174	129,771	142,933	161,748	179,890	189,973	1,032,799	1,118,784	1,226,184	1,355,093	1,472,715	1,562,038
Farm	4,012	2,684	2,324	3,255	4,419	1,663	99,855	110,495	102,990	97,805	83,926	101,742
Nonfarm	112,162	127,087	140,609	158,493	175,471	188,310	932,944	1,008,289	1,123,194	1,257,288	1,388,789	1,460,296
Earnings by industry:												
Farm	4,934	3,587	3,210	4,184	5,344	2,594	119,629	129,939	122,098	117,643	103,546	121,363
Nonfarm	1,916,224	2,040,210	2,177,153	2,345,163	2,444,691	2,517,740	12,680,953	13,782,240	14,820,570	16,027,375	17,416,379	18,510,290
Private	1,261,046	1,340,464	1,430,767	1,578,482	1,644,377	1,719,224	10,493,570	11,450,432	12,343,956	13,360,705	14,432,332	15,335,780
Agricultural services, forestry, fisheries, and other[7]	4,611	5,136	5,799	6,695	6,853	6,960*	74,396	75,671	81,890	95,437	95,466*	107,506
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	73,344	71,048*	81,559	92,561*	92,457*	106,111*
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	1,052	567*	331	(D)	(D)	(D)
Mining	5,224	7,085	3,053	3,353	4,459	4,542	55,227	61,258	40,083	37,811	41,423*	42,739
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	7,963	8,216*	8,226	3,320	3,172	3,173
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	1,986*	37,173*	43,111*	20,080*	20,056*	24,331*	22,929*
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	104	108	116
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	9,385*	8,735*	10,510*	12,785*	13,358*	14,588*
Construction	103,151*	108,825	121,421	134,091	136,030*	137,498*	614,693	705,213	788,196	903,111	1,004,750	1,009,967
Manufacturing	411,754*	421,642	443,383	473,648*	476,717	487,477*	2,958,411	3,121,178	3,218,548	3,207,419	3,349,442	3,530,384
Nondurable goods	294,248*	288,341*	294,840*	324,014*	316,428	310,637*	955,709	1,007,106	1,073,196	1,131,085	1,226,931	1,278,502
Food and kindred products	82,574*	87,558*	87,388*	95,461*	92,723*	65,404	(D)	(D)	(D)	343,982*	376,205*	387,724*
Textile mill products	141,776	126,797	130,184	144,067	129,552	144,439	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,707*	(D)	(D)	(D)	7,910	(D)	(D)	(D)	(D)	(D)	15,338*	14,594*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	22,517	24,380	26,845	30,677	32,530	34,360	205,316*	228,140*	242,550*	266,142	288,333*	310,153*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	6,331*	7,892*	10,273*	11,406*	12,040	13,570
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	9,116*	10,032*	11,231*	11,525*	13,448*	12,323*	(D)	(D)	(D)	131,568*	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	117,506	132,686*	147,840*	149,634	160,289	176,840	2,002,702	2,114,072	2,145,352	2,076,334	2,122,511	2,251,882
Lumber and wood products	10,813	12,223*	15,161*	15,046	14,836	14,721	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	29,484*	29,446*	28,645*	30,243*	35,030*	34,692*
Primary metal industries	(D)	30,839*	29,981*	27,870*	27,306*	26,080*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	311,773*	330,500*	306,601*	291,841*	295,626	302,100*
Machinery, except electrical	15,955*	19,724	20,609	20,649	23,761*	26,185*	267,737*	262,940*	255,074*	250,594*	294,405*	304,044
Electric and electronic equipment	22,794	22,961*	23,299*	23,880*	25,498*	33,568*	299,113*	307,970*	284,371*	286,844*	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	718*	897*	24,769*	27,254*	27,034*	28,068*	32,534*	28,446*
Transportation and public utilities	91,006	89,065	95,503*	101,133*	102,911*	99,980*	837,346	837,288	897,985	951,818	1,043,476	1,082,770
Railroad transportation	(D)	(D)	(D)	11,512*	10,872	9,773*	65,095	62,163	62,775	56,809	53,042	46,008
Trucking and warehousing	25,553	25,553	27,738	30,068	31,790	36,991	313,382	314,263	323,022	350,477	380,192	392,103
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	96,081*	101,673*	125,060*	(D)
Communication	28,326*	29,123	29,512	31,306	30,945	29,888	249,662*	237,051*	252,951*	269,097*	284,440*	302,502*
Electric, gas, and sanitary services	(D)	(D)	(D)	23,664	24,623	(D)	127,703*	137,490*	154,334*	169,017*	191,820*	197,780*
Wholesale trade	62,511*	67,496	67,525*	69,912	69,665	89,816	797,355	869,433	900,479	1,017,779	1,094,703	1,179,426
Retail trade	186,556	201,246	213,349	236,211	245,223	250,603	1,426,972	1,565,968	1,688,370	1,817,741	2,001,343	2,126,322
Finance, insurance, and real estate	131,033	142,002	148,259	183,046	181,608	178,301	1,056,686	1,172,397	1,371,078	1,574,418	1,658,735	1,726,781
Banking and credit agencies	(D)	(D)	47,289	50,072	51,206	46,974	(D)	(D)	344,043*	(D)	(D)	441,348*
Other finance, insurance, and real estate[9]	93,434*	100,027*	100,970	132,974	130,402	131,327	(D)	(D)	977,256*	(D)	(D)	1,204,416*
Services	262,759	297,967	331,259	368,513	418,691	461,826	2,672,484	3,042,026	3,357,327	3,755,171	4,136,912	4,529,885
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	71,181*	82,956*	85,508*	95,885*	102,176*	109,006*
Personal services	15,625*	19,924*	21,323*	24,509	26,648	29,255	121,487	151,573	167,976	181,638	193,026	213,087
Private households	13,859	14,136	14,313	14,530	15,515	16,393	29,859	29,856	29,668	29,632	30,713*	32,154*
Business services	30,625*	36,549*	42,823*	50,521*	64,248	73,149	502,959	635,299	665,433	773,073	852,004	987,647
Auto repair, services, and garages	15,443	16,771	17,873	18,348	18,354	18,951	85,239	94,908	106,668	117,479	127,427	134,039
Miscellaneous repair services	3,872*	3,775*	4,290*	4,943*	5,672*	6,457	33,590	33,321	33,608	36,986	41,767	46,058
Amusement and recreation services	3,842*	3,804*	4,204*	4,885*	5,236*	5,563*	(D)	48,398	53,371	60,592	66,943	70,763
Motion pictures	2,008*	2,210*	2,107*	2,537*	2,744*	3,092*	5,117*	(D)	7,486*	(D)	(D)	10,514*
Health services	100,991	113,472	122,839	137,969	157,145	174,581	814,677	902,263	986,442	1,113,386	1,226,211	1,354,529
Legal services	21,194	23,776	27,307	29,419*	35,516*	36,561*	203,127	222,306	249,440	267,802	303,980	323,296
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	159,582*	(D)	(D)
Social services	4,821*	5,749*	6,242*	6,474*	6,945*	7,553*	89,440*	100,473*	113,924*	132,408*	146,087*	161,351
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	13,231	13,636	13,377	14,184	15,378	16,565	142,356	153,253	162,381	179,962	201,029	213,444
Miscellaneous services	25,492	31,281	38,809	41,221	44,802	51,296	383,112	423,647	522,949	566,731	629,258	688,037
Government and government enterprises	655,178	699,746	746,386	766,681	800,314	798,516	2,187,383	2,331,808	2,476,614	2,666,670	2,984,047	3,174,510
Federal, civilian	137,963	159,054	166,064	174,501	186,774	182,910	410,432	435,824	427,246	453,991	474,182	521,825
Military	327,615	338,405	360,681	357,427	361,141	345,715	39,241	42,235	44,603	45,676	46,949	48,254
State and local	189,600	202,287	219,641	234,753	252,399	269,891	1,737,710	1,853,749	2,004,765	2,167,003	2,462,916	2,604,431

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Corpus Christi, TX (MSA)						Cumberland, MD—WV (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,033,586**	**4,282,359**	**4,189,011**	**4,191,779**	**4,491,071**	**4,741,160**	**1,070,292**	**1,103,875**	**1,148,486**	**1,211,792**	**1,297,530**	**1,383,772**
Nonfarm personal income	3,997,605	4,247,082	4,160,174	4,145,816	4,440,278	4,711,574	1,064,691	1,099,707	1,143,930	1,205,775	1,291,106	1,378,400
Farm income[1]	35,981	35,277	28,837	45,963	50,793	29,586	5,601	4,168	4,556	6,017	6,424	5,372
Population (thousands)[2]	357.4	359.7	362.4	359.1	358.0	357.2	104.3	103.2	102.9	102.6	102.4	101.9
Per capita personal income (dollars)	**11,286**	**11,904**	**11,561**	**11,673**	**12,545**	**13,272**	**10,261**	**10,701**	**11,165**	**11,807**	**12,673**	**13,576**
Derivation of total personal income:												
Total earnings by place of work	3,170,110	3,336,553	3,152,768	3,117,633	3,341,005	3,436,457	702,608	728,559	743,937	786,782	847,771	878,752
Less: Personal contributions for social insurance[3]	167,133	184,907	177,576	175,082	191,462	205,305	44,215	49,425	50,434	52,801	59,908	64,860
Plus: Adjustment for residence	−88,171	−82,743	−86,001	−72,738	−84,382	−84,722	−16,201	−22,420	−14,970	−13,726	−21,444	−14,455
Equals: Net earnings by place of residence	2,914,806	3,068,903	2,889,191	2,869,813	3,065,161	3,146,430	642,192	656,714	678,533	720,255	766,419	799,437
Plus: Dividends, interest, and rent[4]	571,223	634,086	658,259	633,115	688,260	790,543	167,244	170,895	188,340	186,690	205,517	236,265
Plus: Transfer payments	547,557	579,370	641,561	688,851	737,650	804,187	260,856	276,266	281,613	304,847	325,594	348,070
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,522,206	2,635,582	2,506,591	2,455,185	2,602,336	2,677,524	576,857	601,821	611,847	644,515	694,986	720,214
Other labor income	263,919	254,995	251,126	248,033	271,530	285,516	61,318	60,813	60,799	62,897	65,066	67,991
Proprietors' income[6]	383,985	445,976	395,051	414,415	467,139	473,417	64,433	65,925	71,291	79,370	87,719	90,547
Farm	26,817	26,179	19,811	36,406	41,212	19,837	4,757	3,332	3,722	5,140	5,541	4,469
Nonfarm	357,168	419,797	375,240	378,009	425,927	453,580	59,676	62,593	67,569	74,230	82,178	86,078
Earnings by industry:												
Farm	35,981	35,277	28,837	45,963	50,793	29,586	5,601	4,168	4,556	6,017	6,424	5,372
Nonfarm	3,134,129	3,301,276	3,123,931	3,071,670	3,290,212	3,406,871	697,007	724,391	739,381	780,765	841,347	873,380
Private	2,530,427	2,642,243	2,449,678	2,382,615	2,562,279	2,636,952	596,503	611,831	620,424	659,966	713,658	737,764
Agricultural services, forestry, fisheries, and other[7]	13,231	18,167	16,982	17,198	17,833	17,089	1,882	1,985	931	1,518	1,744	(D)
Agricultural services	10,885	12,410	10,962	13,809	13,652	12,991	1,637	1,886	933	1,487	1,752	(D)
Forestry, fisheries, and other[7]	2,346	5,757	6,020	3,389	4,181	4,098	245	99	(L)	(L)	(L)	(L)
Mining	274,542	278,143	227,493	163,213	144,752	140,299	16,913	16,380	15,616	12,801	11,531	(D)
Coal mining	108	(D)	(D)	(D)	(D)	(D)	15,075	14,016	13,719	10,744	9,362	(D)
Oil and gas extraction	269,173	272,553	221,241	157,277	139,072	133,577	1,105	1,511	557	592	864	751
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	5,158	5,917	4,951	(D)	2,034	740	856	1,341	1,433	1,272	(D)
Construction	276,205	268,309	241,547	205,172	240,516	272,466	49,468	46,744	37,764	54,037	73,619	71,014
Manufacturing	419,708	418,247	405,757	399,310	489,312	466,851	206,415	217,453	224,764	215,594	212,253	214,241
Nondurable goods	323,911	324,143	332,586	324,605	414,663	389,219	155,920	162,304	162,503	(D)	135,086	140,286
Food and kindred products	39,799*	(D)	41,065*	41,161*	38,389	39,026	9,941	10,449	8,852	9,225	9,238	9,812
Textile mill products	0	(D)	(D)	0	0	0	0	0	0	0	1,764	(D)
Apparel and other textile products	11,460	13,626	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	16,544	17,139*	17,782*	16,568*	(D)	16,521*	5,119*	5,073*	5,219*	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	179,789	(D)	(D)	(D)	(D)	0	0
Petroleum and coal products	122,455	116,896	123,612	132,496	145,925	146,196	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	(D)	0	(D)	0	0	0	0	0	0
Durable goods	95,797	94,104	73,171	74,705	74,649	77,632	50,495	55,149	62,261	(D)	77,167	73,955
Lumber and wood products	3,491*	3,602*	3,390*	2,909	2,581	1,246	9,453	10,619	11,927	12,748	11,959	7,289
Furniture and fixtures	1,281	1,327	1,278	(D)	1,155	1,330	(D)	0	0	0	0	0
Primary metal industries	17,303	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	14,878*	16,036*	14,019*	12,689*	12,133*	13,151*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	23,549	(D)	19,429	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,249*
Electric and electronic equipment	9,569*	9,209	9,095	9,579	10,228	10,601	(D)	(D)	(D)	(D)	(D)	0
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	342	(D)	466	(D)	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	7,140	7,217	6,530	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	5,378	5,775	5,241	5,188	4,265	3,307	(D)	(D)	(D)	(D)	394	(D)
Miscellaneous manufacturing industries	2,654	2,890	2,671	2,107	2,114	1,830	(D)	(D)	(D)	0	(D)	0
Transportation and public utilities	253,902	291,288	207,843	203,432	209,008	208,193	90,918	89,445	81,341	83,999	92,644	92,795
Railroad transportation	11,984	6,837	6,168	5,888	4,703	3,721	53,097	53,273	53,419	54,855	60,845	58,761
Trucking and warehousing	43,817	40,681	38,546	37,332	40,378	39,881	(D)	10,208	11,292	12,142	13,449	14,831
Water transportation	8,932	11,161	5,375	5,521	7,495	6,777	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	29,474	28,925	27,559	31,294	34,215	35,925*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	67,012	63,686	63,587	63,833	59,308	54,403*	(D)	(D)	5,843	6,422	6,749	7,205
Electric, gas, and sanitary services	92,683	139,998	66,608	59,564	62,909	62,394	7,124	7,362	6,506	5,571	6,700	7,012
Wholesale trade	163,432	170,549	154,645	138,651	144,505	153,422	17,268	16,455	20,656	23,308	23,021	24,951
Retail trade	364,108	378,451	344,557	335,128	343,885	351,879	73,472	76,850	81,084	89,197	100,192	104,514
Finance, insurance, and real estate	136,207	144,490	153,337	167,589	157,784	149,129	18,823	20,111	20,569	27,327	26,500	26,349
Banking and credit agencies	55,434	58,474	58,508	58,795	59,158	55,851	(D)	(D)	(D)	(D)	(D)	12,179
Other finance, insurance, and real estate[9]	80,773	86,016	94,829	108,794	98,626	93,278	8,461*	9,173*	9,071*	13,835*	13,289*	14,170
Services	629,092	674,599	697,517	752,922	814,684	877,624	121,344	126,408	137,699	152,185	172,154	189,715
Hotels and other lodging places	19,641	23,974	21,907	21,668	20,136	18,034	(D)	1,841	(D)	(D)	(D)	(D)
Personal services	32,069	37,630	37,125	35,962	40,097	44,233	7,722	(D)	(D)	(D)	(D)	15,102
Private households	24,648	25,116	25,418	25,431	26,855	28,264	(D)	(D)	(D)	4,937	5,249	5,515
Business services	135,925	144,828	135,985	139,527	142,052	157,448	5,901	7,565	9,666	10,448	11,031	12,693
Auto repair, services, and garages	29,961	32,250	30,303	30,804	31,787	32,569	4,307	4,776	5,327	5,516	5,971	6,317
Miscellaneous repair services	15,317	13,868	13,465	12,253	13,430	15,279	2,236	2,179	2,173*	(D)	(D)	(D)
Amusement and recreation services	(D)	(D)	(D)	(D)	10,370	11,161	1,478	1,488	1,586	(D)	(D)	(D)
Motion pictures	1,314	1,485	1,382	1,544	(D)	(D)	82	68	105	(L)	108	142
Health services	208,250	225,756	240,032	270,900	300,750	328,302	71,924	72,364	76,137	87,115	98,435	105,758
Legal services	58,801	66,391	80,371	97,217	109,505	110,682	3,120	3,384	4,287	4,695	5,669	6,234
Educational services	8,480	9,647	10,652	12,382	13,731	13,625	1,861	1,986	2,026	2,417	2,622	2,887
Social services	8,134	8,563	9,141	10,378	11,488	12,978	3,641	4,285	4,613	4,918	5,640	6,462
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Membership organizations	20,712	22,423	24,126	25,672	29,043	31,176	7,598	7,227	7,792	8,639	9,598	10,292
Miscellaneous services	56,341	52,726	56,708	58,972	63,806	72,159	4,710	4,738	6,255	7,017	7,812	9,399
Government and government enterprises	603,702	659,033	674,253	689,055	727,933	769,919	100,504	112,560	118,957	120,799	127,689	135,616
Federal, civilian	180,521	201,914	202,818	194,743	214,544	229,014	7,175	8,412	8,570	8,771	9,236	9,429
Military	64,319	69,292	72,381	75,905	77,595	80,832	2,518	2,823	3,237	3,330	3,404	3,450
State and local	358,862	387,827	399,054	418,407	435,794	460,073	90,811	101,325	107,150	108,698	115,049	122,737

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Dallas, TX (PMSA)						Danville, VA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**36,224,372**	**40,038,672**	**41,936,558**	**43,362,118**	**45,925,662**	**49,277,377**	**1,197,607**	**1,222,778**	**1,280,537**	**1,364,770**	**1,479,590**	**1,589,485**
Nonfarm personal income	36,165,218	39,973,975	41,874,232	43,295,306	45,852,216	49,208,270	1,169,011	1,210,060	1,273,796	1,356,002	1,462,351	1,570,481
Farm income[1]	59,154	64,697	62,326	66,812	73,446	69,107	28,596	12,718	6,741	8,768	17,239	19,004
Population (thousands)[2]	2,228.3	2,322.2	2,410.1	2,458.0	2,475.2	2,529.0	111.1	110.8	109.0	108.2	108.1	106.7
Per capita personal income (dollars)	**16,257**	**17,242**	**17,400**	**17,641**	**18,555**	**19,485**	**10,780**	**11,037**	**11,751**	**12,617**	**13,691**	**14,901**
Derivation of total personal income:												
Total earnings by place of work	32,782,415	36,379,683	38,162,342	39,377,349	41,332,184	43,501,030	774,948	779,341	813,404	881,112	953,355	1,012,503
Less: Personal contributions for social insurance[3]	1,769,106	2,066,303	2,186,509	2,265,163	2,439,961	2,643,707	42,472	45,665	48,918	51,380	57,835	64,209
Plus: Adjustment for residence	−2,590,412	−3,055,714	−3,360,919	−3,367,605	−3,398,586	−3,464,723	81,518	83,772	89,539	101,788	102,945	106,861
Equals: Net earnings by place of residence	28,422,897	31,257,666	32,614,914	33,744,581	35,493,637	37,392,600	813,994	817,448	854,025	931,520	998,465	1,055,155
Plus: Dividends, interest, and rent[5]	5,163,473	5,900,540	6,180,131	6,256,966	6,810,647	7,835,906	192,522	203,576	209,854	209,218	234,382	271,424
Plus: Transfer payments	2,638,002	2,880,466	3,141,513	3,360,571	3,621,378	4,048,871	191,091	201,754	216,658	224,032	246,743	262,906
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	27,185,029	30,244,781	31,559,161	32,489,338	33,990,175	35,666,488	623,693	639,078	668,522	722,723	772,489	817,476
Other labor income	2,699,885	2,843,848	3,081,955	3,149,274	3,321,427	3,549,234	63,761	62,737	66,329	69,109	73,674	79,821
Proprietors' income[6]	2,897,501	3,291,054	3,521,226	3,738,737	4,020,582	4,285,308	87,494	77,526	78,553	89,280	107,192	115,206
Farm	48,543	54,309	52,135	56,126	62,838	58,458	24,389	8,513	2,571	4,357	12,792	14,469
Nonfarm	2,848,958	3,236,745	3,469,091	3,682,611	3,957,744	4,226,850	63,105	69,013	75,982	84,923	94,400	100,737
Earnings by industry:												
Farm	59,154	64,697	62,326	66,812	73,446	69,107	28,596	12,718	6,741	8,768	17,239	19,004
Nonfarm	32,723,261	36,314,986	38,100,016	39,310,537	41,258,738	43,431,923	746,352	766,623	806,663	872,344	936,116	993,499
Private	29,867,558	33,182,659	34,748,937	35,750,767	37,434,055	39,335,707	666,786	679,774	713,528	771,312	827,008	876,065
Agricultural services, forestry, fisheries, and other[7]	100,287	116,923	118,878	134,173	139,194	144,794	1,609	1,548	1,654	2,350	2,361	2,495
Agricultural services	91,072*	106,303*	116,274	132,104	127,500*	132,094*	1,375	1,330	1,410	2,128	2,228	2,454
Forestry, fisheries, and other[7]	1,550*	2,080*	2,604	2,069	(D)	(D)	234	218	244	222	133	(L)
Mining	1,219,077	1,281,321	1,188,593	1,123,992	1,167,216	1,143,157	1,179	2,268	694	649	1,012	1,058
Coal mining	(D)	(D)	(D)	8,108*	7,270	6,950*	0	0	0	0	0	0
Oil and gas extraction	1,108,109*	1,164,670*	1,064,268*	1,022,953*	1,066,636*	1,017,736*	1,100	1,666	456	488	836	890
Metal mining	(D)	(D)	232	(D)	(L)	262	0	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	20,960*	(D)	21,836*	(D)	25,307*	19,404*	79	(D)	(D)	(D)	(D)	(D)
Construction	2,697,420	2,952,565	2,920,556	2,444,052	2,276,520	2,092,325	37,738	39,560	44,308	49,539	63,043	68,159
Manufacturing	6,043,606	6,685,055	6,869,392	7,091,335	7,542,599	7,768,722	358,441	350,899	364,467	386,588	399,945	418,674
Nondurable goods	1,739,284	1,860,837	1,989,681	2,049,703	2,166,913	2,182,858	294,873	284,695	296,070	310,443	315,951	326,986
Food and kindred products	391,867*	432,227*	481,254*	487,446*	500,379*	508,106*	3,981	(D)	(D)	(D)	5,623	(D)
Textile mill products	9,892	8,860*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	147,225
Apparel and other textile products	175,488*	174,011*	169,964*	184,588*	184,928*	202,007*	(D)	(D)	(D)	(D)	13,113	(D)
Paper and allied products	176,270*	165,756*	159,041*	179,003*	193,540*	202,882*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	504,953*	576,344	625,044*	620,009*	637,147*	609,061	(D)	(D)	8,878	10,125	(D)	(D)
Chemicals and allied products	246,786*	281,492	283,656*	284,286*	326,170*	347,635*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	60,922*	54,875*	90,283*	102,114*	113,332	116,072	0	0	0	0	0	0
Tobacco manufactures	(D)	300	310	0	0	0	25,715	28,370	27,885	(D)	24,794	32,310
Rubber and misc. plastic products	141,750*	143,861*	144,344	152,933*	166,853*	149,380*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	4,304,322	4,824,218	4,879,711	5,041,632	5,375,686	5,585,864	63,568	66,204	68,397	76,145	83,994	91,688
Lumber and wood products	110,692*	123,545*	125,120*	124,190*	119,837*	115,125*	20,976	21,102	22,102	23,698	25,242	25,249
Furniture and fixtures	(D)	(D)	86,174*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	116,522	(D)	(D)	(D)	(D)	130,214*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	405,823*	408,691*	417,978	405,137	403,551	420,295*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	795,735*	828,558	534,033*	508,052*	553,426*	558,630*	2,958	2,789	3,026	3,763	(D)	5,169
Electric and electronic equipment	1,569,845*	1,902,553*	2,066,923*	2,209,014*	2,302,401*	2,449,064*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	543,572*	663,441*	777,237*	810,785*	864,558*	897,082*	(D)	(D)	(D)	(D)	(D)	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Stone, clay, and glass products	224,059	242,294*	255,690*	228,776*	222,045*	210,334*	21,751	24,833	(D)	(D)	30,381	35,212
Instruments and related products	168,396*	159,322*	165,612*	156,825*	213,852*	233,574*	0	0	0	0	0	0
Miscellaneous manufacturing industries	79,783	77,604	68,824	90,439	121,380*	123,641*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,658,449	2,915,064	3,115,228	3,281,085	3,410,027	3,696,314	28,035	29,191	31,908	33,739	34,302	35,147
Railroad transportation	54,951	51,683	51,174	52,450	51,717	53,026	5,181	5,400	5,565	5,906	5,067	4,062
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	11,522	11,772	13,126	13,806	14,429	15,449
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,646
Communication	662,684*	735,722*	767,899*	871,862*	907,317*	986,487*	7,307	7,313	7,415	7,893	8,402	8,542
Electric, gas, and sanitary services	331,951*	378,066*	387,037*	342,720*	380,554	402,544	1,887	2,607	3,692	4,073	4,408	4,449
Wholesale trade	3,456,796	3,763,831	3,964,876	3,970,001	4,181,034	4,321,403	25,560	26,453	28,592	33,194	34,557	36,893
Retail trade	3,491,848	3,811,256	3,960,726	3,941,826	4,044,872	4,188,363	77,485	82,960	85,204	88,540	97,857	102,314
Finance, insurance, and real estate	3,316,687	3,840,133	4,106,760	4,388,691	4,465,442	4,603,174	19,129	19,796	20,866	27,402	25,848	27,403
Banking and credit agencies	906,641	1,084,071*	1,185,170*	1,185,485*	1,206,303*	1,323,788	9,308	10,199	10,749	11,277	12,123	13,609
Other finance, insurance, and real estate[9]	2,410,046	2,750,022*	2,915,284*	3,194,866*	3,251,882*	3,279,386	9,821	9,597	10,117	16,125	13,725	13,794
Services	6,883,388	7,816,511	8,503,928	9,375,612	10,207,151	11,377,455	117,610	127,099	135,835	149,311	168,083	183,922
Hotels and other lodging places	282,226*	288,464*	315,005*	338,743*	328,985*	326,834*	2,478	(D)	(D)	(D)	(D)	(D)
Personal services	362,603	402,659	430,948	446,506	481,547	539,906	8,586	11,237	11,094	10,858	14,494	16,486
Private households	122,641	124,953	126,441	126,492	133,634	140,652	13,031	13,184	13,287	13,476	14,439	15,292
Business services	2,029,954	2,446,513	2,601,919	2,900,864	3,125,248	3,647,116	5,863	6,701	7,448	7,986	9,841	10,834
Auto repair, services, and garages	284,173	315,175	342,381	367,050	371,724	402,573	6,564	7,369	7,502	8,313	9,192	10,116
Miscellaneous repair services	114,912	109,837	113,731	124,589	129,190	138,180	3,517	3,139	3,940	4,632	4,707	5,256
Amusement and recreation services	140,977*	154,018*	163,647*	176,404*	209,817*	214,072*	1,608	1,386	1,643	1,821	1,596	1,715
Motion pictures	48,298*	58,470*	63,129*	62,654*	73,841*	71,727*	(D)	181	150	90	116	128
Health services	1,447,330	1,626,348	1,762,356	2,043,836	2,308,173	2,578,579	51,478	55,049	55,666	63,711	70,068	77,175
Legal services	662,414	769,543	917,910	1,054,319	1,218,074	1,360,757	5,341	5,713	6,280	6,800	7,773	8,277
Educational services	157,220*	182,035*	192,445*	219,792*	244,649*	266,086*	5,638	6,143	6,591	7,023	7,536	8,191
Social services	109,121*	118,493*	113,997*	124,605*	138,818*	147,602*	3,006	3,332	7,285	7,779	8,796	9,066
Museums, botanical, zoological gardens	3,774*	4,424*	5,379*	5,688*	7,695*	8,664*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	186,556	209,011	223,862	244,655	270,447	287,764	6,199	5,894	5,792	6,096	6,624	6,729
Miscellaneous services	926,009	1,001,056	1,123,527	1,132,228	1,161,425	1,238,831	4,105	5,219	6,851	7,796	10,032	11,560
Government and government enterprises	2,855,703	3,132,327	3,351,079	3,559,770	3,824,683	4,096,216	79,566	86,849	93,135	101,032	109,108	117,434
Federal, civilian	687,367	752,078	774,730	809,187	898,688	979,802	7,209	7,523	7,602	7,911	8,298	8,257
Military	73,027	84,871	90,266	98,843	104,185	108,476	2,780	3,210	3,750	3,740	3,832	3,843
State and local	2,095,309	2,295,378	2,486,083	2,651,740	2,821,810	3,007,938	69,577	76,116	81,783	89,381	96,978	105,334

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Davenport—Rock Island—Moline, IA—IL (MSA)						Dayton—Springfield, OH (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,812,550**	**4,956,176**	**5,009,074**	**5,239,583**	**5,521,537**	**5,927,758**	**11,952,617**	**12,745,886**	**13,446,303**	**14,095,438**	**15,225,823**	**16,146,856**
Nonfarm personal income	4,755,583	4,906,753	4,950,723	5,170,523	5,461,746	5,867,353	11,894,130	12,680,645	13,385,697	14,035,592	15,174,418	16,087,230
Farm income[1]	56,967	49,423	58,351	69,060	59,791	60,405	58,487	65,241	60,606	59,846	51,405	59,626
Population (thousands)[2]	381.2	376.9	370.5	366.2	364.2	361.7	929.2	930.5	937.0	942.0	948.0	954.4
Per capita personal income (dollars)	**12,626**	**13,149**	**13,519**	**14,307**	**15,160**	**16,387**	**12,864**	**13,697**	**14,350**	**14,963**	**16,061**	**16,919**
Derivation of total personal income:												
Total earnings by place of work	3,636,623	3,753,236	3,733,405	3,990,377	4,197,921	4,456,819	9,183,521	9,886,444	10,393,436	10,866,165	11,837,037	12,326,120
Less: Personal contributions for social insurance[3]	220,766	239,870	245,046	261,304	285,461	315,029	593,229	666,561	715,448	741,348	831,214	893,758
Plus: Adjustment for residence	−193,419	−215,343	−197,346	−216,243	−215,775	−233,646	−430,577	−466,773	−483,811	−484,950	−531,587	−509,633
Equals: Net earnings by place of residence	3,222,438	3,298,023	3,291,013	3,512,830	3,696,685	3,908,144	8,159,715	8,753,110	9,194,177	9,639,867	10,474,236	10,922,729
Plus: Dividends, interest, and rent[5]	874,625	896,965	925,184	901,994	954,787	1,091,083	1,781,854	1,857,144	1,954,287	2,004,438	2,162,328	2,457,671
Plus: Transfer payments	715,487	761,188	792,877	824,759	870,065	928,531	2,011,048	2,135,632	2,297,839	2,451,133	2,589,259	2,766,456
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,943,488	3,048,574	3,003,142	3,186,562	3,337,760	3,531,364	7,809,602	8,453,490	8,874,124	9,264,067	10,095,349	10,475,530
Other labor income	306,114	300,966	297,667	314,733	331,085	358,403	788,503	807,959	848,021	840,689	926,214	984,573
Proprietors' income[6]	387,021	403,696	432,596	489,082	529,076	567,052	585,416	624,995	671,291	761,409	815,474	866,017
Farm	47,610	40,312	49,494	59,946	50,870	51,615	46,962	53,874	49,372	48,097	39,724	47,850
Nonfarm	339,411	363,384	383,102	429,136	478,206	515,437	538,454	571,121	621,919	713,312	775,750	818,167
Earnings by industry:												
Farm	56,967	49,423	58,351	69,060	59,791	60,405	58,487	65,241	60,606	59,846	51,405	59,626
Nonfarm	3,579,656	3,703,813	3,675,054	3,921,317	4,138,130	4,396,414	9,125,034	9,821,203	10,332,830	10,806,319	11,785,632	12,266,494
Private	2,956,111	3,038,782	3,019,848	3,240,525	3,432,425	3,662,683	7,415,403	7,995,897	8,496,813	8,867,287	9,726,165	10,108,620
Agricultural services, forestry, fisheries, and other[7]	18,374	17,349	15,078	21,411	22,970	27,233	26,195	26,971	28,435	38,703	43,291	46,687
Agricultural services	16,999	16,599	14,838	21,045	22,692	26,970	25,569	26,752	28,409	38,654	43,273	46,706
Forestry, fisheries, and other[7]	1,375	750	240	366	278	263	626	219	(L)	(L)	(L)	(L)
Mining	10,429	13,972	9,141	6,126	8,034	8,321	23,795	29,714	20,188	19,674	23,319	26,449
Coal mining	(L)	(L)	(L)	0	(L)	(L)	173	175	223	104	122	124
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	15,765	(D)	8,621	8,891	12,270	12,849
Metal mining	0	(D)	0	0	0	0	(L)	(L)	(L)	52	54	58
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	7,870	7,696*	11,345	10,627	10,873	13,418
Construction	158,865	159,157	162,488	173,925	185,381	206,295	381,521	416,548	469,451	523,386	578,625	575,460
Manufacturing	1,173,632	1,184,845	1,080,182	1,148,553	1,167,937	1,196,934	3,190,614	3,435,698	3,504,327	3,438,689	3,828,646	3,877,145
Nondurable goods	172,773	196,777	217,231	226,767	252,161	271,332	827,194	862,002	881,104	877,142	989,354	950,774
Food and kindred products	81,771	(D)	(D)	(D)	(D)	(D)	67,579*	68,448*	68,608*	71,162*	83,315	78,329*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	167,670*	180,119*	186,403*	198,600*	231,630*	228,658*
Printing and publishing	41,789	45,527	48,033	50,090	61,556	62,380	204,352	212,431	229,717	239,683	269,349	273,188
Chemicals and allied products	24,887*	25,558*	26,309*	29,548*	30,863*	32,591*	55,841*	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	1,646	3,083	1,835	1,273*	1,305*	3,926	4,570	6,366	6,383	9,956	7,031
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	12,881	(D)	(D)	299,361	(D)	(D)	268,315	293,265	(D)
Leather and leather products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,000,859	988,068	862,951	921,786	915,776	925,602	2,363,420	2,573,696	2,623,223	2,561,547	2,839,292	2,926,371
Lumber and wood products	(D)	(D)	13,769*	(D)	(D)	(D)	13,295	13,946	16,944	17,205	19,771	20,618
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	215,043*	230,787*	71,260	70,440	71,463	65,089	67,477	62,951
Fabricated metal products	29,794	28,246	26,548	26,590	34,032	41,434	(D)	229,242	237,758	244,551	260,443	264,826
Machinery, except electrical	682,976	679,915	560,692	(D)	571,630	(D)	1,011,200	1,087,697	1,098,308	1,059,725	1,146,938	1,178,632
Electric and electronic equipment	(D)	(D)	(D)	8,063*	8,721*	10,110*	119,513*	129,601	135,773*	142,629*	154,760*	159,146
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	15,451	14,686	15,709	16,989	17,123	15,874	(D)	56,803	55,848	60,478	68,489	73,205
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	42,027*	39,882*	42,151*	45,646*	50,048*	54,948*
Miscellaneous manufacturing industries	1,576*	(D)	(D)	(D)	(D)	2,543*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	210,784	210,750	215,449	226,302	242,784	254,875	426,393	414,740	431,963	462,269	504,379	530,121
Railroad transportation	4,772	3,563	3,973	4,339	4,670	5,258	15,329	12,205	12,007	10,634	(D)	(D)
Trucking and warehousing	73,442	71,977	69,778	78,327	82,873	88,649	151,364	148,712	148,391	170,755	188,525	182,421
Water transportation	(D)	(D)	2,973*	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	45,681	46,307	42,087	39,959	42,640	44,470	123,538	105,697	105,389	109,541	114,165	121,331
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	247,171	256,364	260,115	270,939	292,777	329,235	474,321	520,575	548,804	567,039	623,815	648,184
Retail trade	360,480	366,530	379,358	397,122	424,362	459,451	767,724	830,852	896,826	930,613	997,584	1,031,354
Finance, insurance, and real estate	152,035	152,274	163,446	193,191	194,383	196,951	320,303	334,598	364,845	454,227	437,866	437,610
Banking and credit agencies	60,850	62,777	66,122	(D)	73,836	76,595	146,105	152,163	161,199	175,816	162,568*	184,877
Other finance, insurance, and real estate[9]	91,185	89,497	97,324	116,541*	120,547	120,356	174,198	182,435	203,646	278,411	254,174*	252,733
Services	624,341	677,541	734,591	802,956	893,797	983,388	1,804,537	1,986,201	2,231,974	2,432,687	2,688,640	2,935,610
Hotels and other lodging places	(D)	(D)	(D)	11,788*	11,910	12,481	20,393*	22,705*	21,543*	26,140	27,224	43,055
Personal services	36,455	45,262	45,948	46,528	57,592	65,416	93,125	110,847	116,341	122,134	137,619	150,755
Private households	8,716	8,681	8,590	8,468	8,931	9,347	20,113	20,115	19,988	19,966	21,065	22,053
Business services	92,668	113,248	123,577	146,596	160,268	179,396	340,536	420,798	515,968	568,558	619,333	691,948
Auto repair, services, and garages	26,404	28,806	30,761	30,600	35,802	41,887	59,725	67,593	73,588	77,274	82,388	86,517
Miscellaneous repair services	13,551	14,439	15,785	14,075	16,413	18,099	28,585	28,517	31,310	34,346	37,332	38,369
Amusement and recreation services	12,168	12,965	13,293	14,664	14,397	15,591	23,666	25,725	29,054	31,332	34,554	36,482
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	211,867	221,860	233,221	261,599	288,266	323,545	766,618	803,028	857,366	926,447	1,042,195	1,121,091
Legal services	42,077	44,208	48,160	53,926	61,068	64,785	92,154	95,680	107,330	119,599	133,100	136,869
Educational services	33,612	36,259*	41,360*	43,386*	47,003*	49,544*	96,176	100,414	113,482	124,047	134,706	149,261
Social services	20,907	22,199	22,704	24,475	26,632	28,560	39,359	44,296	49,879	55,111	61,330	68,066
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	33,773	34,096	34,754	36,329	39,204	40,894	70,108	72,337	74,279	82,205	90,820	94,437
Miscellaneous services	78,668	80,978	102,522	108,512	124,092	131,242	146,473	165,472	212,305	237,827	258,163	287,512
Government and government enterprises	623,545	665,031	655,206	680,792	705,705	733,731	1,709,631	1,825,306	1,836,017	1,939,032	2,059,467	2,157,874
Federal, civilian	319,929	344,729	321,412	336,089	347,341	367,500	667,022	681,590	673,383	704,875	736,762	767,906
Military	17,123	18,787	20,117	19,963	19,463	18,909	264,762	326,369	297,998	311,757	318,244	330,251
State and local	286,493	301,515	313,677	324,740	338,901	347,322	777,847	817,347	864,636	922,400	1,004,461	1,059,717

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Daytona Beach, FL (MSA)						Decatur, AL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,499,891**	**3,887,908**	**4,215,847**	**4,588,465**	**5,027,400**	**5,553,020**	**1,279,400**	**1,388,997**	**1,497,068**	**1,599,335**	**1,728,166**	**1,847,051**
Nonfarm personal income	3,450,357	3,834,776	4,153,551	4,525,651	4,959,993	5,488,431	1,249,608	1,367,198	1,467,541	1,567,323	1,691,758	1,812,316
Farm income[1]	49,534	53,132	62,296	62,814	67,407	64,589	29,792	21,799	29,527	32,012	36,408	34,735
Population (thousands)[2]	300.5	310.8	322.5	334.9	348.4	361.4	125.8	127.8	129.0	131.0	132.7	133.9
Per capita personal income (dollars)	**11,646**	**12,509**	**13,074**	**13,702**	**14,432**	**15,364**	**10,174**	**10,865**	**11,606**	**12,209**	**13,027**	**13,794**
Derivation of total personal income:												
Total earnings by place of work	1,720,959	1,920,184	2,115,424	2,367,727	2,550,833	2,737,395	882,272	927,125	988,573	1,064,683	1,138,426	1,217,170
Less: Personal contributions for social insurance[3]	95,063	112,236	123,639	132,615	151,351	172,948	53,010	59,075	59,808	63,383	70,750	78,695
Plus: Adjustment for residence	99,441	113,692	136,556	160,784	188,212	207,383	104,551	146,288	168,921	186,629	212,584	212,707
Equals: Net earnings by place of residence	1,725,337	1,921,640	2,128,341	2,395,896	2,587,694	2,771,830	933,813	1,014,338	1,097,686	1,187,929	1,280,260	1,351,182
Plus: Dividends, interest, and rent[5]	996,321	1,107,762	1,175,127	1,209,060	1,347,025	1,587,110	139,650	155,017	163,334	165,014	182,169	207,108
Plus: Transfer payments	778,233	858,506	912,379	983,509	1,092,681	1,194,080	205,937	219,642	236,048	246,392	265,737	288,761
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,356,953	1,511,436	1,651,627	1,830,336	1,976,472	2,129,129	701,532	750,883	785,414	844,127	898,028	964,248
Other labor income	121,942	132,659	147,173	160,024	171,800	187,958	82,066	82,893	87,652	91,881	96,980	105,515
Proprietors' income[6]	242,064	276,089	316,624	377,367	402,561	420,308	98,674	93,349	115,507	128,675	143,418	147,407
Farm	38,851	42,665	51,956	51,956	56,540	53,641	25,922	17,884	25,610	27,862	32,221	30,437
Nonfarm	203,213	233,424	264,668	325,411	346,021	366,667	72,752	75,465	89,897	100,813	111,197	116,970
Earnings by industry:												
Farm	49,534	53,132	62,296	62,814	67,407	64,589	29,792	21,799	29,527	32,012	36,408	34,735
Nonfarm	1,671,425	1,867,052	2,053,128	2,304,913	2,483,426	2,672,806	852,480	905,326	959,046	1,032,671	1,102,018	1,182,435
Private	1,399,680	1,575,944	1,727,843	1,944,762	2,081,750	2,226,351	742,172	781,364	825,813	892,903	953,395	1,019,734
Agricultural services, forestry, fisheries, and other[7]	11,785	14,032	16,954	19,927	20,932	23,037	5,032	4,958	5,138	5,956	(D)	8,020
Agricultural services	10,267	11,075	11,881	16,101	16,273	18,041	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	1,518	2,957	5,073	3,826	4,659	4,996	(D)	(D)	(D)	(D)	(D)	(D)
Mining	8,763	13,537	4,035	4,220	6,917	7,414	2,451	3,074	2,705	(D)	(D)	(D)
Coal mining	182	177	175	90	107	115	0	0	0	(D)	0	0
Oil and gas extraction	8,560	13,343	3,782	3,996	6,662	7,125	(D)	(D)	(D)	335	549	(D)
Metal mining	(L)	(L)	(L)	107	111	125	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(L)	79	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	156,756	179,650	198,812	226,387	240,566	243,000	45,950	55,318	60,516	68,770	77,937	99,808
Manufacturing	219,808	260,406	273,460	280,812	291,478	308,384	388,984	398,769	402,220	420,021	440,829	461,109
Nondurable goods	46,239	48,995	57,738	78,024	87,444	89,291	247,602	255,707	249,681	261,944	271,587	283,868
Food and kindred products	6,294	6,478	7,714	9,510	10,782	12,111	25,277*	23,909	25,028	25,927	26,766	29,173
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,456	1,536	2,029	2,279	2,545	2,310	10,907	(D)	6,026	6,162	6,020	4,802
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	25,303	27,077	32,587	34,165	35,226	32,069	4,532*	4,795*	5,327*	5,970*	(D)	7,805
Chemicals and allied products	7,762	8,480	8,973	8,888	10,986	11,982	121,543	127,153	120,505	127,132	129,463	138,562*
Petroleum and coal products	171	203	247	282	187	359	(D)	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,169	4,541	5,297	7,045	10,046	15,313	2,212	2,182	2,324	3,933	5,735	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	173,569	211,411	215,722	202,788	204,034	219,093	141,382	143,062	152,539	158,077	169,242	177,241
Lumber and wood products	10,145	11,375	11,715	(D)	13,286	13,605	10,858*	12,022*	11,378*	13,148	13,573	15,409
Furniture and fixtures	483	506	468	357	497	974	4,235*	4,231*	4,417*	4,386*	2,744*	2,469*
Primary metal industries	571	651	707	628	(D)	412	61,393	54,221	58,277	57,007	61,816	62,021
Fabricated metal products	35,995	47,820	45,787	21,851	14,805	11,287	15,100	16,288	16,532	(D)	(D)	(D)
Machinery, except electrical	6,007	7,399	8,277	13,233	20,312	25,499	21,579	23,449	24,960	25,446*	31,021*	32,194*
Electric and electronic equipment	(D)	(D)	105,211	106,888	98,860	96,352	25,656	29,565	32,668	36,377	36,842	38,682*
Transportation equip. excl. motor vehicles	4,768	3,878	4,208	6,422	14,438	16,258	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	367	488	(D)	293	832	(D)	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,816	8,040	8,982	8,843	8,132	9,323	1,626	1,729*	2,095*	2,292*	2,125*	2,359*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Miscellaneous manufacturing industries	8,625	12,601	11,357	6,797	6,869	7,346	(D)	376	(D)	(D)	411	677
Transportation and public utilities	89,234	93,235	98,769	108,561	117,786	124,762	47,459	49,865	53,025	54,225	57,050	56,435
Railroad transportation	3,082	3,132	3,160	3,333	3,314	3,530	3,955	4,253	4,035	4,058	2,641	1,309
Trucking and warehousing	12,974	13,115	14,685	16,671	20,316	22,558	24,483	26,066	27,400	29,070	32,471	31,320
Water transportation	1,028	1,443	1,570	1,731	1,089	1,513	(D)	(D)	(D)	(D)	(D)	0
Other transportation[8]	12,869	13,441	15,626	16,506	17,354	17,328	(D)	(D)	(D)	(D)	(D)	(D)
Communication	32,925	33,722	32,537	35,365	36,598	38,985	15,394*	14,665*	13,265*	13,230*	13,540*	(D)
Electric, gas, and sanitary services	26,356	28,382	31,191	34,955	39,115	40,848	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	56,401	64,396	68,520	78,079	89,633	96,464	32,955	33,965	37,192	37,984*	41,808*	44,072*
Retail trade	288,291	316,198	347,605	381,288	413,563	439,425	79,970	85,009	94,119	101,205	107,993	114,164
Finance, insurance, and real estate	89,616	101,288	114,686	166,681	147,063	135,478	29,935	33,034	36,655	40,993	39,847	39,030
Banking and credit agencies	42,119	45,539	50,225	54,565	58,122	58,877	14,468*	16,209*	17,082*	17,532*	19,626*	19,640*
Other finance, insurance, and real estate[9]	47,497	55,749	64,461	112,116	88,941	76,601	13,482*	14,676*	17,417*	21,119*	18,171*	17,379*
Services	479,026	533,202	605,002	678,807	753,812	848,387	109,436	117,372	134,243	158,868	174,209	191,077
Hotels and other lodging places	48,686	50,568	53,181	59,617	60,981	68,076	1,529	2,230	2,978	3,049	2,910	2,958
Personal services	20,845	26,065	28,352	28,793	31,564	35,991	7,362	9,055	9,856	10,748	13,006	14,446
Private households	12,498	12,865	13,132	13,440	14,518	15,535	2,913	2,935	2,933	2,941	3,109	3,257
Business services	50,886	53,821	58,432	67,850	80,033	95,984	14,004	16,854	17,598	23,270	28,724	31,183
Auto repair, services, and garages	18,331	19,606	21,601	22,983	24,699	25,838	5,339	6,425	6,639	8,173	8,830	9,772
Miscellaneous repair services	9,818	9,547	11,161	10,671	12,596	12,286	3,801	3,554	4,367	4,154	4,767	4,807
Amusement and recreation services	17,740	20,216	22,867	27,358	27,301	31,658	(D)	(D)	(D)	(D)	2,826	2,483
Motion pictures	(D)	2,179	2,678	3,540	2,481	1,345	(D)	(D)	(D)	(D)	161	(D)
Health services	134,757	152,951	172,888	203,490	227,435	255,299	40,930	42,398	47,048	54,056	58,186	62,126
Legal services	33,565	36,214	40,524	43,682	49,815	54,492	5,615	5,679	6,994	8,391	9,445	10,037
Educational services	36,285	(D)	(D)	(D)	(D)	(D)	970*	1,088*	1,131*	1,312*	1,428*	(D)
Social services	12,415	14,885	17,901	20,069	21,615	24,680	2,738*	2,917*	2,954*	3,167*	3,594*	4,307
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	21,685	22,501	24,650	27,882	32,108	34,788	5,604	5,538	6,428	6,889	7,679	8,038
Miscellaneous services	59,313	71,026	94,937	102,972	116,953	136,204	17,190	16,984	23,374	30,477	29,444	35,920
Government and government enterprises	271,745	291,108	325,285	360,151	401,676	446,455	110,308	123,962	133,233	139,768	148,623	162,701
Federal, civilian	23,366	25,663	26,549	29,038	32,591	34,207	9,562	9,903	10,288	11,515	12,704	12,924
Military	5,346	6,100	6,749	7,021	6,977	7,182	5,483	6,305	6,834	7,901	8,305	8,609
State and local	243,033	259,345	291,987	324,092	362,108	405,066	95,263	107,754	116,111	120,352	127,614	141,168

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Decatur, IL (MSA)						Denver, CO (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,580,143**	**1,663,008**	**1,708,687**	**1,797,022**	**1,930,730**	**2,051,342**	**25,153,327**	**26,587,602**	**27,416,743**	**28,309,070**	**29,684,943**	**31,643,297**
Nonfarm personal income	1,558,887	1,632,827	1,682,610	1,775,965	1,914,197	2,017,584	25,104,561	26,531,075	27,353,151	28,246,506	29,623,397	31,588,080
Farm income[1]	21,256	30,181	26,077	21,057	16,533	33,758	48,766	56,527	63,592	62,564	61,546	55,217
Population (thousands)[2]	128.7	128.2	126.5	124.8	123.7	122.3	1,587.5	1,615.3	1,629.6	1,639.9	1,640.0	1,645.4
Per capita personal income (dollars)	**12,281**	**12,970**	**13,505**	**14,404**	**15,614**	**16,767**	**15,844**	**16,459**	**16,824**	**17,263**	**18,100**	**19,231**
Derivation of total personal income:												
Total earnings by place of work	1,292,429	1,358,238	1,391,892	1,479,739	1,612,188	1,674,452	20,830,212	22,133,482	22,707,052	23,313,986	24,388,846	25,589,936
Less: Personal contributions for social insurance[3]	77,767	86,074	91,053	95,279	108,448	115,756	1,123,880	1,249,676	1,316,810	1,343,901	1,450,709	1,571,721
Plus: Adjustment for residence	−145,362	−156,451	−164,685	−175,782	−197,502	−199,412	−891,720	−1,026,685	−1,082,443	−1,091,948	−1,078,281	−1,074,336
Equals: Net earnings by place of residence	1,069,300	1,115,713	1,136,154	1,208,678	1,306,238	1,359,284	18,814,612	19,857,121	20,307,799	20,878,137	21,859,856	22,943,879
Plus: Dividends, interest, and rent[5]	271,018	285,336	298,033	302,492	327,960	375,897	3,899,206	4,142,024	4,291,427	4,367,734	4,596,202	5,224,168
Plus: Transfer payments	239,825	261,959	274,500	285,852	296,532	316,161	2,439,509	2,588,457	2,817,517	3,063,199	3,228,885	3,475,250
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,042,260	1,094,274	1,121,400	1,182,357	1,289,991	1,320,404	17,478,896	18,509,916	18,899,232	19,207,329	19,981,516	20,894,532
Other labor income	120,850	122,809	127,580	134,406	146,914	151,264	1,634,234	1,675,215	1,711,988	1,728,746	1,806,958	1,923,025
Proprietors' income[6]	129,319	141,155	142,912	162,976	175,283	202,784	1,717,082	1,948,351	2,095,832	2,377,911	2,600,372	2,772,379
Farm	18,533	27,475	23,416	18,281	13,784	31,000	32,942	40,799	48,138	46,342	45,307	38,844
Nonfarm	110,786	113,680	119,496	144,695	161,499	171,784	1,684,140	1,907,552	2,047,694	2,331,569	2,555,065	2,733,535
Earnings by industry:												
Farm	21,256	30,181	26,077	21,057	16,533	33,758	48,766	56,527	63,592	62,564	61,546	55,217
Nonfarm	1,271,173	1,328,057	1,365,815	1,458,682	1,595,655	1,640,694	20,781,446	22,076,955	22,643,460	23,251,422	24,327,300	25,534,719
Private	1,168,524	1,220,760	1,253,735	1,337,151	1,466,445	1,507,427	17,786,396	18,875,160	19,288,603	19,748,564	20,675,647	21,726,274
Agricultural services, forestry, fisheries, and other[7]	6,885	5,455	4,698	9,034	9,007	9,639	81,397	85,814	89,498	103,517	104,212	102,642
Agricultural services	(D)	5,386	4,654	8,981	8,951	9,603	80,645	84,458	87,933	102,137	102,598	101,026
Forestry, fisheries, and other[7]	(D)	69	(L)	53	56	(L)	752	1,356	1,565	1,380	1,614	1,616
Mining	3,799	4,112	1,525	1,406	1,905	1,788	1,098,650	1,066,929	867,476	716,063	733,825	711,215
Coal mining	0	0	0	0	0	0	27,554	28,916	26,901	25,567	20,413	22,076
Oil and gas extraction	3,674	4,078	(D)	1,358	1,837	1,734	949,344	943,363*	751,117*	602,765*	606,971*	555,191*
Metal mining	0	0	0	0	0	0	110,525*	81,288*	74,563	76,583	94,077*	120,669*
Nonmetallic minerals, except fuels	125	(L)	(D)	(L)	68	54	(D)	(D)	11,842*	8,205*	(D)	(D)
Construction	60,130	70,299	81,326	93,085	116,083	127,735	1,617,277	1,606,447	1,518,656	1,331,952	1,264,154	1,242,028
Manufacturing	529,651	531,175	512,948	515,311	565,392	587,903	2,847,318	3,041,836	3,142,843	3,163,986	3,317,582	3,430,216
Nondurable goods	244,066	249,679	244,650	247,933	283,439	271,394	1,261,570	1,317,033	1,355,091	1,397,118	1,458,051	1,505,316
Food and kindred products	153,467	158,717	153,496	149,214	184,801	170,084	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	27,151*	(D)	(D)	(D)	35,023*	40,614*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	48,649*	48,570*	49,371*	50,164*	54,774	60,748*
Printing and publishing	9,264	10,199	10,921	9,596	12,008	10,379	306,880*	338,334*	342,120*	358,992	377,392	398,503
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	32,559	34,725	38,220	39,509	40,544	40,361
Tobacco manufactures	0	0	0	0	0	0	76	(L)	(D)	89	88	88
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	285,585	281,496	268,298	267,378	281,953	316,509	1,585,748	1,724,803	1,787,752	1,766,868	1,859,531	1,924,900
Lumber and wood products	1,098	2,491	3,145	3,797	4,857	5,186	29,449*	28,951	32,362	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	57	(D)	(D)	37,589	40,835	40,355	42,263*	44,656*	47,272*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	46,167	(D)	(D)	(D)	21,169*	23,612*	28,089*
Fabricated metal products	47,832	45,558	44,023	51,146	46,813	47,224	184,830	190,372	186,826	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	190,300	192,001	196,700	199,397	199,670	208,876
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	251,067	185,841	189,505*	203,185*
Transportation equip. excl. motor vehicles	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	24,352	18,257	11,262	12,076	13,241*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	207,037*	197,825	195,213	181,510	189,931	196,924
Instruments and related products	946	948	1,541	1,723	2,145	(D)	(D)	(D)	(D)	139,858*	154,272*	168,420*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	6,876	42,059*	40,995*	42,069*	51,449	57,481	58,219
Transportation and public utilities	143,056	163,634	182,202	203,643	220,852	194,074	2,045,539	2,209,041	2,251,328	2,471,737	2,639,597	2,709,099
Railroad transportation	35,158	32,865	32,392	33,023	32,021	30,558	119,104	112,651	96,754	82,238	86,994*	95,430*
Trucking and warehousing	38,149	41,121	41,351	44,472	46,986	49,468	344,812*	338,842	346,361	377,092	401,677	421,910
Water transportation	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	6,826	(D)	(D)	(D)	(D)	(D)	(D)
Communication	9,975	11,086	10,079	13,970	20,699	19,848	730,839	844,698	825,153	1,028,023	1,100,637	1,119,685*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	39,251	43,935	42,798	44,220	48,572	53,472	1,716,030	1,804,782	1,783,420	1,815,746	1,886,044	2,023,533
Retail trade	106,575	110,895	114,520	123,015	133,448	136,804	2,068,914	2,148,505	2,203,639	2,176,992	2,236,592	2,318,759
Finance, insurance, and real estate	57,033	54,271	56,874	66,565	60,557	59,677	1,702,347	1,862,802	2,015,563	2,183,289	2,130,178	2,143,280
Banking and credit agencies	25,873	25,798	26,584	27,910	26,433	26,589	577,954*	651,226	713,800	(D)	631,890	(D)
Other finance, insurance, and real estate[9]	31,160	28,473	30,290	38,655	34,124	33,088	1,057,185*	1,211,576	1,301,763	(D)	1,498,288	(D)
Services	222,144	236,984	256,844	280,872	310,629	336,335	4,608,924	5,049,004	5,416,180	5,785,282	6,363,463	7,045,502
Hotels and other lodging places	(D)	(D)	4,258	4,644	4,558	4,393	126,625*	140,689*	135,296*	134,180*	128,880*	128,841*
Personal services	15,882	18,460	20,795	21,864	24,578	26,871	197,868	241,363	258,081	266,538	295,226	334,432
Private households	3,550	3,557	3,537	3,478	3,664	3,835	36,737*	37,244*	37,357*	(D)	(D)	(D)
Business services	35,616	42,264	44,206	52,207	61,788	65,458	1,072,416	1,213,186	1,300,793	1,412,889	1,626,871	1,850,857
Auto repair, services, and garages	9,740	11,137	11,028	11,888	13,156	13,870	199,867	220,401	233,749	237,415	243,922	261,698
Miscellaneous repair services	3,724	3,965	5,200	4,955	5,515	6,235	(D)	77,739	89,991	84,942	93,607	98,366
Amusement and recreation services	4,117	3,887	4,347	4,198	4,446	5,221	108,446	127,780	138,266	153,615	174,549	171,862
Motion pictures	244	229	(D)	(D)	(D)	(D)	21,284*	23,825*	24,706*	(D)	(D)	(D)
Health services	89,414	90,962	98,696	109,959	117,039	127,847	1,181,296	1,260,865	1,366,706	1,508,286	1,647,203	1,826,230
Legal services	12,683	12,614	13,258	13,908	14,670	18,534	451,852	485,043	561,477	614,560	687,446	744,500
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	134,129	143,032	144,982	157,968	172,100	186,286
Social services	9,613	9,536	9,902	9,960	11,887	10,583	86,032	99,609	111,492	117,883	136,701	152,471
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	3,102*	3,385*	(D)	(D)	(D)
Membership organizations	11,351	11,573	12,004	13,472	14,895	16,115	180,134	185,832	195,566	210,955	230,846	244,853
Miscellaneous services	13,709	14,950	19,262	19,367	22,257	24,406	727,761	786,806	812,247	803,285	836,120	952,463
Government and government enterprises	102,649	107,297	112,080	121,531	129,210	133,267	2,995,050	3,201,795	3,354,857	3,502,858	3,651,653	3,808,445
Federal, civilian	12,706	12,706	12,501	12,950	13,212	12,649	858,260	901,661	905,464	975,455	1,053,043	1,113,406
Military	1,732	1,884	2,078	2,179	2,256	2,373	231,684	251,561	269,890	266,229	262,663	260,246
State and local	88,211	92,707	97,501	106,402	113,742	118,245	1,905,106	2,048,573	2,179,503	2,261,174	2,335,947	2,434,793

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Des Moines, IA (MSA)						Detroit, MI (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,240,572**	**5,514,154**	**5,776,411**	**6,155,770**	**6,641,955**	**7,203,687**	**61,814,517**	**67,347,912**	**72,094,141**	**75,084,226**	**80,226,433**	**85,556,438**
Nonfarm personal income	5,207,104	5,468,631	5,708,167	6,085,440	6,595,575	7,150,758	61,726,176	67,258,195	72,007,311	74,984,677	80,133,980	85,440,807
Farm income[1]	33,468	45,523	68,244	70,330	46,380	52,929	88,341	89,717	86,830	99,549	92,453	115,631
Population (thousands)[2]	377.1	379.6	380.4	384.9	391.8	399.3	4,321.6	4,329.9	4,344.5	4,362.5	4,352.4	4,351.8
Per capita personal income (dollars)	**13,898**	**14,524**	**15,184**	**15,994**	**16,954**	**18,039**	**14,304**	**15,554**	**16,594**	**17,211**	**18,433**	**19,660**
Derivation of total personal income:												
Total earnings by place of work	4,172,800	4,388,829	4,641,507	5,028,846	5,517,384	5,920,384	45,382,664	50,432,739	54,351,791	56,888,889	61,002,130	64,301,541
Less: Personal contributions for social insurance[3]	257,764	284,996	310,628	343,594	392,292	436,463	2,861,340	3,370,963	3,539,706	3,872,992	4,316,714	4,689,069
Plus: Adjustment for residence	−188,572	−199,734	−209,483	−227,663	−249,482	−255,638	360,385	399,719	236,498	108,676	100,880	174,686
Equals: Net earnings by place of residence	3,726,464	3,904,099	4,121,396	4,457,589	4,875,610	5,228,283	42,881,709	47,461,495	51,048,583	53,124,573	56,786,296	59,787,158
Plus: Dividends, interest, and rent[5]	852,970	890,189	916,133	931,470	949,586	1,081,765	9,497,449	10,172,032	10,646,626	10,992,367	11,862,083	13,575,726
Plus: Transfer payments	661,138	719,866	738,882	766,711	816,759	893,639	9,435,359	9,714,385	10,398,932	10,967,286	11,578,054	12,193,554
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,429,208	3,604,685	3,806,490	4,110,346	4,521,796	4,850,656	38,001,749	42,486,390	45,632,948	47,588,513	51,116,674	53,807,232
Other labor income	323,403	322,148	342,074	360,538	395,527	427,333	4,706,575	4,979,950	5,374,250	5,484,855	5,761,008	6,083,229
Proprietors' income[6]	420,189	461,996	492,943	557,962	600,061	642,395	2,674,340	2,966,399	3,344,593	3,815,521	4,124,448	4,411,080
Farm	24,917	37,497	60,675	62,878	39,338	46,372	64,278	65,976	63,536	75,129	68,172	91,093
Nonfarm	395,272	424,499	432,268	495,084	560,723	596,023	2,610,062	2,900,423	3,281,057	3,740,392	4,056,276	4,319,987
Earnings by industry:												
Farm	33,468	45,523	68,244	70,330	46,380	52,929	88,341	89,717	86,830	99,549	92,453	115,631
Nonfarm	4,139,332	4,343,306	4,573,263	4,958,516	5,471,004	5,867,455	45,294,323	50,343,022	54,264,961	56,789,340	60,909,677	64,185,910
Private	3,555,719	3,724,088	3,929,897	4,260,459	4,717,855	5,072,393	40,198,458	45,065,219	48,612,190	50,903,920	54,792,150	57,596,915
Agricultural services, forestry, fisheries, and other[7]	34,272	27,306	24,540	41,760	44,191	44,118	99,173	112,905	132,193	160,973	188,729	200,768
Agricultural services	33,918	27,098	24,465	41,651	44,119	44,066	95,585*	111,099	131,447	160,022	185,292*	197,302*
Forestry, fisheries, and other[7]	354	208	75	109	72	52	2,291*	1,806	746	951	(D)	537*
Mining	8,767	11,783	5,512	8,960	10,443	11,285	105,811	143,927	68,933	76,957	104,022	113,057
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	192	229	68	85	92
Oil and gas extraction	5,893*	8,523*	(D)	3,266*	4,304	4,241*	76,840*	113,743*	38,974*	47,775*	(D)	71,331*
Metal mining	0	0	0	0	0	0	(D)	−74	72	855	906	1,009
Nonmetallic minerals, except fuels	2,057*	2,317*	2,103*	5,547*	6,138	6,028*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	209,824	225,524	234,986	239,984	266,587	276,893	1,591,967*	2,021,483*	2,316,972*	2,487,618*	2,808,186*	2,885,745*
Manufacturing	651,763	626,288	624,173	678,908	764,812	782,681	17,581,505	19,655,762	20,586,540	20,131,377	21,322,004	21,860,593
Nondurable goods	426,354	404,534	403,553	431,854	478,452	507,984	2,235,067	2,441,130	2,581,941	2,608,083	2,821,303	2,920,216
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	410,869*	382,713*	380,518*	376,827*	391,884*	386,930*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	2,218	2,332*	2,254	2,265	2,708	3,434*	(D)	424,205*	528,831*	514,261*	558,357*	555,440
Paper and allied products	13,654	21,759	15,894	17,595	17,921	19,825	104,705*	111,451*	117,364*	118,115*	127,988*	137,082*
Printing and publishing	157,694	164,180	173,910	177,416*	196,876	204,318	449,623*	491,439*	495,979*	511,909*	563,375*	643,055*
Chemicals and allied products	16,957*	14,019*	11,895*	15,756*	21,131*	(D)	361,837*	405,033*	428,446*	404,371*	449,372*	455,661*
Petroleum and coal products	1,904*	1,933	1,942	1,759	964	960	59,342*	63,284*	67,887*	74,132*	80,389*	77,129*
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(D)	(D)	(D)	108
Rubber and misc. plastic products	134,429*	97,927*	93,147	103,182	120,672*	141,527*	386,481*	450,901*	497,395	536,214	557,155	570,277*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,318*	(D)	(D)	(D)	(D)
Durable goods	225,409	221,754	220,620	247,054	286,360	274,697	15,346,438	17,214,632	18,004,599	17,523,294	18,500,701	18,940,377
Lumber and wood products	2,408*	2,340*	3,138*	(D)	(D)	(D)	35,832*	46,543*	57,581*	63,530	74,551	75,050
Furniture and fixtures	7,115	7,668	8,970	10,194*	11,965*	13,014*	(D)	(D)	(D)	(D)	95,921*	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	939,923*	898,187*	976,472*	938,574*	964,435*	969,736*
Fabricated metal products	30,725*	24,171*	25,026*	30,131	35,519*	39,142	1,816,409	2,072,754	2,090,675	2,059,830	2,175,301	2,311,051
Machinery, except electrical	125,746*	121,407*	111,952*	130,114*	153,069*	133,371*	2,442,056	2,678,907	2,710,639	2,486,022	2,576,181	2,786,738
Electric and electronic equipment	1,787	1,436	1,540	1,784*	2,856*	3,788	(D)	(D)	(D)	266,150*	327,334*	372,275*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	455,255*
Motor vehicles and equipment	2,489*	9,857*	9,886*	10,971*	13,218*	(D)	8,853,970*	10,101,714*	10,807,133*	10,529,479*	11,115,928	11,069,526*
Stone, clay, and glass products	(D)	(D)	15,455*	18,638*	20,837*	22,385*	352,704*	356,127*	359,168*	373,351*	411,412*	405,492*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	92,111*	105,991*	110,545*	105,366*	123,318*	136,758*
Miscellaneous manufacturing industries	14,716*	15,013	17,098	18,710	17,588	14,780	76,516*	83,201*	96,146	97,642*	108,779*	109,600*
Transportation and public utilities	326,040	357,191	361,670	381,641	414,084	415,302	2,656,900*	2,857,293*	3,055,067*	3,230,576*	3,412,043*	3,439,458*
Railroad transportation	18,550	16,783	17,094	16,579	18,504	21,014	186,882	174,876*	171,795*	177,087	177,723*	171,072*
Trucking and warehousing	123,421	125,247	129,726	136,403	140,112	144,747	713,899	784,090	845,215	863,423	913,868	908,152
Water transportation	(L)	(L)	(D)	(L)	(L)	0	(D)	19,036*	21,429*	(D)	(D)	(D)
Other transportation[8]	(D)	35,256	(D)	47,878	51,496	49,780	(D)	383,713*	476,044*	(D)	(D)	(D)
Communication	117,338	134,451	122,298	137,989	156,012	147,094	691,557*	735,521*	748,678*	775,116*	798,245*	764,507*
Electric, gas, and sanitary services	(D)	45,456	44,912	42,794	47,958	52,667	(D)	(D)	(D)	(D)	(D)	881,686
Wholesale trade	416,131	440,627	456,574	489,947	554,444	593,605	2,808,730	3,055,187	3,324,772	3,648,423	3,975,630	4,447,465
Retail trade	405,341	415,116	437,622	462,479	504,622	547,786	3,977,627	4,219,073	4,543,186	4,832,601	5,211,251	5,480,867
Finance, insurance, and real estate	559,906	598,683	658,743	743,649	824,750	906,578	2,067,998	2,282,553	2,589,307	3,218,850	3,337,946	3,358,702
Banking and credit agencies	117,656	126,768	134,356*	140,747*	172,446*	208,152*	851,569*	933,707*	1,041,489*	1,197,828*	1,299,133*	1,335,028*
Other finance, insurance, and real estate[9]	442,250	471,915	513,990*	584,985*	634,181*	692,431*	1,184,846*	1,313,867*	1,505,526*	1,974,581*	2,028,863*	2,013,558*
Services	943,675	1,021,570	1,126,077	1,213,131	1,333,922	1,494,145	9,138,170	10,562,847	11,827,431	12,921,083	14,216,156	15,576,508
Hotels and other lodging places	24,281	29,023	27,270	30,585	32,497	35,198*	113,150	119,219*	148,719*	160,514	176,836	195,747
Personal services	39,852	49,565	53,924	55,395	65,769	75,666	344,867	416,399	448,900	480,527	554,647	617,280
Private households	(D)	(D)	14,709	14,527	15,350	16,079	87,720	88,001	87,022*	88,026	92,206*	97,319
Business services	181,826	206,907	233,298	249,483	250,673	310,751	1,736,276	2,471,800	2,819,718	3,178,721	3,405,736	3,688,154
Auto repair, services, and garages	38,523	42,217	45,708	48,406	52,770	55,706	333,473	394,717	424,409	433,758	461,533	498,850
Miscellaneous repair services	14,077	14,383	16,397	15,484	17,661	19,128	196,964	220,689	235,587	241,478	269,083	294,164
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	200,062	220,383	256,475	270,847	314,965	337,213
Motion pictures	4,740*	4,737*	5,520*	6,451*	7,895*	9,498*	(D)	(D)	(D)	(D)	123,621*	148,145*
Health services	319,825	343,607	373,267	418,172	464,391	505,172	3,315,531	3,352,066	3,640,728	4,025,198	4,295,729	4,631,792
Legal services	113,953	114,288	130,102	132,516	158,789	172,972	696,978	771,677	873,872	986,301	1,166,209	1,233,982
Educational services	44,924*	48,386*	56,033*	58,834*	63,977*	69,067*	174,741*	185,154	197,699	216,645	268,693	289,426
Social services	23,636	27,497	29,593	30,723	33,994	39,040	216,287	254,071	277,993	305,574	355,910	409,559
Museums, botanical, zoological gardens	(D)	(D)	1,512*	1,465*	1,688*	1,892*	11,471*	10,852*	11,876*	13,549*	12,935*	14,972*
Membership organizations	48,165	49,333	52,709	57,635	62,428	65,760	384,677	409,077	429,665	474,850	519,588	549,643
Miscellaneous services	54,937	55,533	64,177	70,584	79,614	84,483	1,250,806	1,559,131	1,875,740	1,948,091	2,197,394	2,569,942
Government and government enterprises	583,613	619,218	643,366	698,057	753,149	795,062	5,095,865	5,277,803	5,652,771	5,885,420	6,117,527	6,588,995
Federal, civilian	149,662	158,853	162,393	175,387	188,867	194,673	854,425	890,395	888,228	924,811	994,180	1,038,888
Military	13,463	14,832	16,362	17,708	17,867	17,622	96,879	104,310	111,004	114,754	117,214	121,105
State and local	420,488	445,533	464,611	504,962	546,415	582,767	4,144,561	4,283,098	4,653,539	4,845,855	5,006,133	5,429,002

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Dothan, AL (MSA)						Dubuque, IA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,269,148**	**1,359,131**	**1,467,383**	**1,595,330**	**1,721,621**	**1,839,817**	**1,024,239**	**1,053,848**	**1,077,327**	**1,151,913**	**1,209,473**	**1,298,574**
Nonfarm personal income	1,235,823	1,339,195	1,449,015	1,564,889	1,673,013	1,798,411	1,006,153	1,039,832	1,053,189	1,121,831	1,185,532	1,264,849
Farm income[1]	33,325	19,936	18,368	30,441	48,608	41,406	18,086	14,016	24,138	30,082	23,941	33,725
Population (thousands)[2]	128.2	128.3	128.1	129.8	131.1	131.6	92.1	91.9	90.7	90.6	90.9	91.4
Per capita personal income (dollars)	**9,897**	**10,590**	**11,456**	**12,294**	**13,136**	**13,982**	**11,119**	**11,473**	**11,873**	**12,715**	**13,302**	**14,207**
Derivation of total personal income:												
Total earnings by place of work	962,800	1,024,569	1,105,561	1,237,631	1,339,555	1,438,756	855,998	877,381	877,504	977,617	1,025,993	1,073,322
Less: Personal contributions for social insurance[3]	57,436	64,463	67,021	72,818	80,546	89,754	53,882	58,849	60,231	68,451	75,278	81,464
Plus: Adjustment for residence	4,567	7,003	6,663	−4,734	−6,773	−27,239	−147,448	−151,646	−139,980	−160,670	−162,763	−164,520
Equals: Net earnings by place of residence	909,931	967,109	1,045,203	1,160,079	1,252,236	1,321,763	654,668	666,886	677,293	748,496	787,952	827,338
Plus: Dividends, interest, and rent[5]	150,573	162,233	176,193	176,967	194,964	221,891	215,295	228,213	236,731	234,953	239,156	272,769
Plus: Transfer payments	208,644	229,789	245,987	258,284	274,421	296,163	154,276	158,749	163,303	168,464	182,365	198,467
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	773,399	843,662	904,063	1,004,428	1,069,482	1,156,441	689,236	713,767	703,194	785,229	827,199	856,521
Other labor income	79,768	84,253	91,560	102,223	109,698	120,959	71,402	69,836	68,857	76,636	79,571	82,542
Proprietors' income[6]	109,633	96,654	109,938	130,980	160,375	161,356	95,360	93,778	105,453	115,752	119,223	134,259
Farm	31,026	17,648	16,097	28,031	46,181	38,925	14,080	10,144	20,289	26,002	19,836	29,560
Nonfarm	78,607	79,006	93,841	102,949	114,194	122,431	81,280	83,634	85,164	89,750	99,387	104,699
Earnings by industry:												
Farm	33,325	19,936	18,368	30,441	48,608	41,406	18,086	14,016	24,138	30,082	23,941	33,725
Nonfarm	929,475	1,004,633	1,087,193	1,207,190	1,290,947	1,397,350	837,912	863,365	853,366	947,535	1,002,052	1,039,597
Private	732,151	787,714	864,630	964,661	1,031,284	1,111,637	772,907	794,530	782,368	873,858	922,729	957,175
Agricultural services, forestry, fisheries, and other[7]	4,219	2,983	2,257	2,756	2,255	2,596	4,206	3,366	2,761	3,508	3,586	3,556
Agricultural services	2,527	1,983	2,259	2,541	2,324	2,765	2,604	2,638	2,766	3,322	3,647	3,711
Forestry, fisheries, and other[7]	1,692	1,000	(L)	215	−69	−169	1,602	728	(L)	186	−61	−155
Mining	907	1,387	664	666	912	953	1,521	1,954	980	2,722	4,069	1,714
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,224	1,739	(D)	(D)	(D)	838
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	297	215	(D)	(D)	(D)	876
Construction	58,321	65,595	69,648	72,098	80,938	94,404	37,736	36,380	39,098	40,237	45,517	48,549
Manufacturing	239,093	247,512	255,341	292,354	308,443	325,137	344,053	351,682	317,999	376,167	385,621	386,054
Nondurable goods	91,808	91,204	96,670	114,115	126,674	141,249	79,220	79,259	79,597	98,094	106,603	105,384
Food and kindred products	16,030*	13,354*	15,296*	20,700*	23,244*	27,145	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	21,685	21,009	20,327	22,777	24,660	23,025	4,606	(D)	(D)	788	894	792
Paper and allied products	(D)	(D)	(D)	(D)	(D)	1,375*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,503*	2,914*	3,676*	4,674*	3,858*	4,300	19,069	21,169	22,636	24,367	28,169	32,363
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,959
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	484	0	0	0	0	0
Tobacco manufactures	3,359	3,238	3,620	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,590	1,633	1,631	8,230	10,060	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	147,285	156,308	158,671	178,239	181,769	183,888	264,833	272,423	238,402	278,073	279,018	280,670
Lumber and wood products	8,238	7,776	8,242	9,029	9,571	8,797	5,559	6,344	7,133	8,784	11,797	14,128
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	7,464*	10,393*	11,037*	11,788	11,037	(D)	20,718	21,265	22,033	22,259	23,970	24,248
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	38,988*	38,883*	41,503	43,067*	46,366*	(D)	0	0	0	0	0
Transportation equip. excl. motor vehicles	68,388	79,033	(D)	(D)	103,165	100,790*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0
Stone, clay, and glass products	2,227	1,810*	1,631*	1,996*	1,951*	2,221	1,200	1,216	1,499	1,749	1,959	2,009
Instruments and related products	(D)	(D)	(D)	(D)	(D)	283	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	2,848	(D)	15,856	(D)	(D)	(D)	(D)
Transportation and public utilities	92,110	101,449	110,689	122,278	125,939	134,113	51,421	50,796	50,060	50,231	53,890	54,132
Railroad transportation	4,528	4,163	3,590	2,884	3,522	3,707	2,914	2,674	2,756	2,694	2,487	2,332
Trucking and warehousing	32,725	(D)	(D)	40,705	40,982	45,246	24,530	24,486	24,659	24,705	27,289	26,497
Water transportation	0	0	0	0	0	0	662	804	825	1,083	1,246	(D)
Other transportation[8]	(D)	(D)	(D)	4,319	4,749	5,411	(D)	(D)	(D)	(D)	(D)	(D)
Communication	18,174	20,112	21,880	(D)	(D)	(D)	5,073	5,587	5,111	5,084	5,729	5,549
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	48,192	55,682	58,424	61,948	65,700	75,522	41,605	41,375	41,502	44,851	48,072	57,528
Retail trade	96,448	107,434	121,388	130,407	137,137	142,143	77,549	78,556	80,788	84,185	92,645	98,133
Finance, insurance, and real estate	27,772	29,477	32,587	37,959	40,109	42,849	26,828	26,197	29,020	36,355	36,289	37,046
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	13,651	14,144	15,417	16,170	17,447	18,199
Other finance, insurance, and real estate[9]	11,491*	(D)	(D)	(D)	16,249*	17,346*	13,177	12,053	13,603	20,185	18,842	18,847
Services	165,089	176,195	213,632	244,195	269,851	293,920	187,988	204,224	220,160	235,602	253,040	270,463
Hotels and other lodging places	4,443	5,139	5,620	5,877	6,504	5,979	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	7,558	8,610	10,106	11,031	13,160	14,388	8,058	9,463	9,725	10,177	11,607	13,209
Private households	5,245	5,278	5,284	5,299	5,592	5,852	2,638	2,612	2,564	2,534	2,675	2,802
Business services	17,910	18,882	27,730	33,726	31,035	36,892	19,580	23,771	27,259	27,166	31,117	34,800
Auto repair, services, and garages	7,964	9,320	10,067	9,901	11,023	10,815	9,148	10,510	11,137	11,440	12,411	13,218
Miscellaneous repair services	3,341	3,393	3,930	4,019	5,409	5,551	2,229	1,938	2,239	2,409	2,559	2,585
Amusement and recreation services	2,365	2,208	2,345	2,431	2,122	2,336	2,513	4,793	6,261	6,572	6,484	6,927
Motion pictures	593*	748*	761*	841*	1,009*	1,114*	459	475	500	515	1,264	54
Health services	62,874	65,703	78,835	97,245	111,020	116,426	90,645	94,961	101,000	114,952	118,951	126,699
Legal services	6,863	7,600	10,405	9,458	10,953	11,796	10,690	11,942	11,947	11,311	13,044	14,012
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	18,699	20,344	23,878	23,763	24,725	26,948
Social services	2,304*	2,423*	2,604*	2,649	2,951	3,515	6,622	7,216	7,283	7,410	8,024	8,549
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,770	5,919	6,242	6,578	7,232	7,517	6,245	6,364	6,269	6,504	7,183	7,549
Miscellaneous services	20,413	21,726	29,573	33,170	34,956	43,646	6,558	6,086	6,782	7,043	9,041	9,395
Government and government enterprises	197,324	216,919	222,563	242,529	259,663	285,713	65,005	68,835	70,998	73,677	79,323	82,422
Federal, civilian	87,744	95,227	95,473	108,138	112,332	124,139	8,944	9,428	9,440	9,793	10,672	11,240
Military	5,306	5,994	6,496	7,539	7,932	8,187	2,357	2,456	2,822	2,723	2,920	2,947
State and local	104,274	115,698	120,594	126,852	139,399	153,387	53,704	56,951	58,736	61,161	65,731	68,235

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Duluth, MN—WI (MSA)						Eau Claire, WI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,744,118**	**2,799,615**	**2,866,917**	**2,979,112**	**3,161,648**	**3,442,392**	**1,470,092**	**1,541,318**	**1,655,860**	**1,744,454**	**1,855,939**	**1,993,261**
Nonfarm personal income	2,737,889	2,793,688	2,859,085	2,972,638	3,156,154	3,436,610	1,425,116	1,501,316	1,606,855	1,697,466	1,811,290	1,932,698
Farm income[1]	6,229	5,927	7,832	6,474	5,494	5,782	44,976	40,002	49,005	46,988	44,649	60,563
Population (thousands)[2]	252.3	247.5	243.6	241.7	241.4	239.6	136.4	136.3	136.5	137.5	138.4	139.3
Per capita personal income (dollars)	**10,876**	**11,314**	**11,767**	**12,325**	**13,099**	**14,367**	**10,779**	**11,305**	**12,134**	**12,688**	**13,409**	**14,305**
Derivation of total personal income:												
Total earnings by place of work	1,789,335	1,807,707	1,859,645	1,965,121	2,120,150	2,302,462	1,014,862	1,056,044	1,160,254	1,240,237	1,329,486	1,411,036
Less: Personal contributions for social insurance[3]	117,766	124,450	127,479	135,425	153,531	174,444	57,715	63,305	68,756	76,735	86,848	95,423
Plus: Adjustment for residence	−29,269	−32,907	−38,461	−45,756	−48,976	−59,638	−7,596	−7,428	−12,463	−12,080	−7,716	−6,829
Equals: Net earnings by place of residence	1,642,300	1,650,350	1,693,705	1,783,940	1,917,643	2,068,380	949,551	985,311	1,079,035	1,151,422	1,234,922	1,308,784
Plus: Dividends, interest, and rent[5]	459,256	477,089	493,788	489,749	510,729	582,962	250,060	263,437	271,996	270,952	286,042	325,085
Plus: Transfer payments	642,562	672,176	679,424	705,423	733,276	791,050	270,481	292,570	304,829	322,080	334,975	359,392
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,499,141	1,515,556	1,559,620	1,642,653	1,769,711	1,923,518	793,900	836,207	911,812	975,089	1,044,264	1,093,942
Other labor income	148,948	145,453	150,885	156,033	169,059	187,772	78,108	79,089	87,285	92,999	100,374	107,243
Proprietors' income[6]	141,246	146,698	149,140	166,435	181,380	191,172	142,854	140,748	161,157	172,149	184,848	209,851
Farm	4,312	4,053	6,005	4,588	3,633	3,934	35,710	30,894	40,055	37,547	35,168	50,999
Nonfarm	136,934	142,645	143,135	161,847	177,747	187,238	107,144	109,854	121,102	134,602	149,680	158,852
Earnings by industry:												
Farm	6,229	5,927	7,832	6,474	5,494	5,782	44,976	40,002	49,005	46,988	44,649	60,563
Nonfarm	1,783,106	1,801,780	1,851,813	1,958,647	2,114,656	2,296,680	969,886	1,016,042	1,111,249	1,193,249	1,284,837	1,350,473
Private	1,369,082	1,366,845	1,391,826	1,488,752	1,630,430	1,782,915	791,949	825,366	906,291	982,029	1,057,725	1,112,348
Agricultural services, forestry, fisheries, and other[7]	8,322	4,683	2,976	4,497	4,220	4,772	(D)	(D)	4,779	6,587	7,078	7,060
Agricultural services	2,931*	2,595*	2,485*	3,402*	3,638*	3,901*	(D)	(D)	4,748	6,506	7,055	7,059
Forestry, fisheries, and other[7]	4,930*	1,707*	267*	698*	(D)	611*	501	288	(L)	81	(L)	(L)
Mining	198,003	178,479	140,623	149,820	190,202	216,284	1,917	2,705	875	823	1,212	1,280
Coal mining	(D)	0	0	0	0	0	(D)	(D)	(D)	63	77	81
Oil and gas extraction	3,790	5,376	1,773*	1,829*	(D)	(D)	1,640	(D)	728	760	1,135	1,199
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,348	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Construction	87,901	91,951	129,226	142,117	120,522	135,681	53,248	56,892	63,635	63,576	70,706	71,884
Manufacturing	151,124	157,924	167,711	179,875	202,931	218,127	230,873	240,389	264,927	287,977	309,030	329,187
Nondurable goods	52,966	57,765	63,408	77,523	92,377	97,030	152,494	144,900	149,847	157,517	163,082	177,517
Food and kindred products	13,656	(D)	(D)	16,395	17,588	19,363	27,380	(D)	(D)	25,505	26,316	27,012
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	1,731*	809	1,132	1,230	2,259	2,389	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	24,585	29,152	32,800	35,720	39,282	39,858	9,567	10,239	10,470	13,641	17,144	(D)
Chemicals and allied products	3,424	3,771	4,195	4,544	4,998	6,609	(D)	(D)	(D)	(D)	3,069	(D)
Petroleum and coal products	7,097	6,920	6,885	7,052	7,783	7,632	850	959	1,087	1,197	1,236	1,334
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	(D)	(D)	(D)	15,952	(D)	(D)	(D)	(D)	(D)
Durable goods	98,158	100,159	104,303	102,352	110,554	121,097	78,379	95,489	115,080	130,460	145,948	151,670
Lumber and wood products	25,130	26,861	28,225	25,797	23,183	24,071	4,046*	3,654*	4,011*	5,192*	8,025*	8,896*
Furniture and fixtures	263*	270*	256*	278*	423*	306*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	9,654*	9,794*	9,229*	11,507*	15,118*	17,589*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	24,215	23,397	18,107	17,993*	20,723	15,916	17,211	18,762	19,430	(D)	20,280
Machinery, except electrical	22,210	22,086	23,989	26,361	(D)	33,648	38,358	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	1,706*	(D)	(D)	(D)	(D)	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	6,549	(D)	6,881	5,541	6,068	5,651	6,054	7,351	(D)
Instruments and related products	747	990*	1,159	1,057	1,109	1,081	(D)	(D)	(D)	879	(D)	(D)
Miscellaneous manufacturing industries	474	1,074	(D)	(D)	(D)	1,265*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	213,057	206,749	195,258	196,791	220,386	229,098	86,466	83,538	97,775	105,226	110,489	107,624
Railroad transportation	73,774	68,995	61,925	53,355	53,459	54,637	7,908	(D)	(D)	7,043	6,854	6,816
Trucking and warehousing	31,438	28,553	30,738	31,423	35,772	38,018	24,190	23,678	33,287	35,598	36,699	30,568
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	11,953	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	27,308	25,284*	23,217*	25,152*	26,491*	29,872*	20,248	18,840	19,643	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	104,967	99,434	98,650	100,499	112,037	122,764	52,210	52,239	50,835	56,139	58,096	61,052
Retail trade	196,656	200,055	206,512	212,849	231,738	250,435	131,112	140,756	152,973	162,492	173,100	186,196
Finance, insurance, and real estate	54,364	56,459	59,744	76,562	70,763	69,610	(D)	(D)	35,403	43,801	41,786	39,642
Banking and credit agencies	29,959	31,765	32,284	30,969	(D)	32,660	(D)	(D)	13,582	14,578	14,938	15,981
Other finance, insurance, and real estate[9]	24,405	24,694	27,460	45,593	(D)	36,950	(D)	17,611*	21,821	29,223	26,848	23,661
Services	354,688	371,111	391,126	425,742	477,031	536,144	196,288	209,179	235,089	255,408	286,228	308,423
Hotels and other lodging places	13,774	14,480	13,971	16,488	18,146	17,975	3,653	3,283	2,987	3,855	5,506	5,646
Personal services	18,361	22,263	22,724	22,175	26,031	34,665	10,147	12,535	13,740	15,313	17,700	20,101
Private households	4,405	4,428	4,416	4,421	4,712	4,959	1,401	1,405	1,400	1,402	1,483	1,556
Business services	25,710	28,278	30,896	34,388	41,900	51,234	20,449	23,196	26,274	29,703	37,865	39,771
Auto repair, services, and garages	13,309	14,895	16,473	15,923	16,704	19,856	11,923	13,389	15,557	15,607	16,406	17,995
Miscellaneous repair services	8,215	7,446	7,598	7,932	10,462	12,079	5,790	4,826	4,923	4,830	5,498	6,184
Amusement and recreation services	5,275	5,628	6,776	8,184	8,568	8,999	2,822	2,993	3,386	3,612	3,669	3,839
Motion pictures	(D)	(D)	(D)	(D)	612	676	(D)	(D)	(D)	(D)	(D)	(D)
Health services	168,226	173,367	180,973	203,897	227,011	248,535	95,558	100,707	115,528	126,190	138,064	145,332
Legal services	21,736	22,370	23,006	23,859	25,928	29,409	9,197	9,685	10,896	11,633	12,705	14,136
Educational services	8,188	8,708	9,826	9,446*	10,226*	11,896*	4,394	5,096	5,808	6,390	7,498	8,817
Social services	25,010	24,664	25,606	26,892	29,792	32,585	6,119	6,553	7,230	7,834	8,580	9,683
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	368*	432*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	19,783	19,909	20,658	22,360	24,680	26,426	9,083	9,174	9,495	10,596	11,756	12,410
Miscellaneous services	21,841	23,731	27,307	28,444	31,321	35,813	15,339	15,889	17,414	18,066	18,980	22,269
Government and government enterprises	414,024	434,935	459,987	469,895	484,226	513,765	177,937	190,676	204,958	211,220	227,112	238,125
Federal, civilian	48,178	50,061	51,014	52,575	55,001	57,953	13,466	14,575	14,930	15,886	17,670	18,630
Military	8,177	8,191	8,997	10,115	10,593	10,681	4,252	4,666	5,036	5,385	5,590	5,763
State and local	357,669	376,683	399,976	407,205	418,632	445,131	160,219	171,435	184,992	189,949	203,852	213,732

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	El Paso, TX (MSA)						Elkhart—Goshen, IN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,616,376**	**4,922,692**	**5,148,296**	**5,456,131**	**5,868,628**	**6,422,832**	**1,770,485**	**1,866,648**	**2,027,505**	**2,200,863**	**2,369,506**	**2,524,298**
Nonfarm personal income	4,601,689	4,904,681	5,133,389	5,434,768	5,842,189	6,399,828	1,757,779	1,856,603	2,004,023	2,182,857	2,360,121	2,504,773
Farm income[1]	14,687	18,011	14,907	21,363	26,439	23,004	12,706	10,045	23,482	18,006	9,385	19,525
Population (thousands)[2]	538.0	549.3	560.1	573.9	585.9	598.3	143.1	145.3	147.3	149.1	151.1	153.5
Per capita personal income (dollars)	**8,580**	**8,962**	**9,192**	**9,507**	**10,016**	**10,735**	**12,373**	**12,847**	**13,766**	**14,760**	**15,677**	**16,442**
Derivation of total personal income:												
Total earnings by place of work	3,526,345	3,766,160	3,917,192	4,175,692	4,472,064	4,842,427	1,842,633	1,925,913	2,103,734	2,318,496	2,516,932	2,616,585
Less: Personal contributions for social insurance[3]	189,868	212,235	224,401	238,714	262,188	292,154	105,166	116,729	127,759	136,904	154,840	165,638
Plus: Adjustment for residence	−101,829	−149,647	−144,131	−154,659	−163,989	−168,981	−448,440	−462,235	−500,426	−562,556	−611,188	−615,221
Equals: Net earnings by place of residence	3,234,648	3,404,278	3,548,660	3,782,319	4,045,887	4,381,292	1,289,027	1,346,949	1,475,549	1,619,036	1,750,904	1,835,726
Plus: Dividends, interest, and rent[5]	579,066	642,800	667,681	673,178	734,348	841,751	289,710	308,800	326,335	346,455	368,881	423,308
Plus: Transfer payments	802,662	875,614	931,955	1,000,634	1,088,393	1,199,789	191,748	210,899	225,621	235,372	249,721	265,264
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,953,827	3,169,293	3,285,688	3,472,850	3,707,331	4,020,132	1,526,619	1,598,269	1,729,378	1,911,291	2,077,905	2,146,355
Other labor income	257,080	258,465	279,188	297,582	325,672	358,404	182,919	181,866	200,778	220,103	239,703	249,109
Proprietors' income[6]	315,438	338,402	352,316	405,260	439,061	463,891	133,095	145,778	173,578	187,102	199,324	221,121
Farm	9,882	13,236	10,187	16,402	21,485	17,990	9,264	6,686	20,194	14,602	6,032	16,188
Nonfarm	305,556	325,166	342,129	388,858	417,576	445,901	123,831	139,092	153,384	172,500	193,292	204,933
Earnings by industry:												
Farm	14,687	18,011	14,907	21,363	26,439	23,004	12,706	10,045	23,482	18,006	9,385	19,525
Nonfarm	3,511,658	3,748,149	3,902,285	4,154,329	4,445,625	4,819,423	1,829,927	1,915,868	2,080,252	2,300,490	2,507,547	2,597,060
Private	2,547,919	2,697,898	2,816,208	2,998,145	3,211,298	3,455,420	1,740,102	1,817,918	1,973,521	2,184,353	2,383,638	2,464,256
Agricultural services, forestry, fisheries, and other[7]	8,001	8,056	8,309	10,400	11,798	12,631	4,379	5,860	5,614	7,865	7,769	7,895
Agricultural services	7,898	7,965	8,243	10,347	11,746	12,581	4,345	5,735	5,407	7,748	7,619	7,743
Forestry, fisheries, and other[7]	103	91	66	53	52	50	(L)	125	207	117	150	152
Mining	28,486	31,683	24,644	12,213	13,571	16,033	2,160	2,809	1,190	1,419	2,104	2,262
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	27,428	31,473	24,478	11,800	12,222	14,547	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	200,920	211,501	237,200	230,099	220,264	218,273	67,470	70,576	82,535	89,347	99,613	127,860
Manufacturing	626,169	619,786	629,637	657,744	722,929	779,961	1,086,983	1,127,022	1,218,764	1,361,777	1,481,889	1,484,113
Nondurable goods	344,699	340,089	332,580	374,113	413,018	448,848	285,574	299,124	309,597	335,114	343,050	356,627
Food and kindred products	46,362	48,730	51,213	53,088	59,171	65,004	30,899	32,824	30,560	35,917	35,611	34,277
Textile mill products	656	618	(D)	419	669	618	0	0	0	(D)	(D)	(D)
Apparel and other textile products	184,863	181,230	172,131	191,615	206,673	217,467	14,607	(D)	12,417	12,957	13,031	11,134
Paper and allied products	20,172	21,518	21,698	28,070	32,566	37,267	9,223	(D)	9,419	9,286	8,104	6,493
Printing and publishing	24,502	26,018	25,729	27,376	29,336	32,132	17,578	19,916	21,942	23,550	25,927	26,871
Chemicals and allied products	3,028	3,148	(D)	5,060	4,256	4,013	120,409	122,172	135,608	140,261	144,835	162,223
Petroleum and coal products	25,113	27,004	23,457	23,228	24,000	26,689	662	641	810	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	9,661	5,424	8,863	17,605	27,328	33,640	88,887	94,362	95,746	106,914	110,212	111,785
Leather and leather products	30,342	26,399	24,731	27,652	29,019	32,018	3,309	3,281	3,095	4,293	4,460	3,182
Durable goods	281,470	279,697	297,057	283,631	309,911	331,113	801,409	827,898	909,167	1,026,663	1,138,839	1,127,486
Lumber and wood products	9,879	10,510	11,626	13,070	12,906	11,091	128,573	140,530	168,076	193,411	212,141	209,048
Furniture and fixtures	1,946	3,097	4,004	4,753	5,078	(D)	51,237	51,134	59,019	64,159	73,233	74,978
Primary metal industries	83,787	71,396	58,785	57,240	68,029	68,338	15,679	19,623	23,207	27,526	31,349	31,416
Fabricated metal products	16,599	14,969	16,027	16,388	16,304	19,485	112,467	117,485	123,360	130,668	131,665	134,375
Machinery, except electrical	15,851	15,415	16,361	11,961	14,983	16,729	47,289	51,143	53,592	55,124	60,460	63,666
Electric and electronic equipment	90,558	103,265	108,032	94,443	112,692	121,952	44,107	44,372	47,355	53,317	58,469	60,313
Transportation equip. excl. motor vehicles	(D)	(D)	1,317	1,115	1,277	(D)	184,957	176,361	138,582	162,617	179,034	172,418
Motor vehicles and equipment	(D)	(D)	26,079	32,379	25,974	29,111	140,361	156,768	219,997	256,733	302,783	289,639
Stone, clay, and glass products	18,700	20,683	19,121	17,003	15,012	13,991	13,086	14,088	18,163	21,760	22,880	24,099
Instruments and related products	7,135	12,540	15,564	14,508	14,704	16,314	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	26,744	18,162	20,141	20,771	22,952	27,219	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	297,802	312,011	312,343	340,651	367,953	374,520	86,903	91,445	95,147	97,247	103,193	108,011
Railroad transportation	55,094	57,295	52,013	47,369	46,909	47,760	(D)	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	55,526	62,749	72,600	80,860	87,086	91,720	26,339	29,266	31,677	35,468	40,223	44,185
Water transportation	(L)	(L)	(L)	(D)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	30,929	31,752	34,126	(D)	47,678	41,901	5,906	6,060	7,771	7,301	6,949	7,391
Communication	47,626	53,231	48,460	63,088	68,994	69,740	15,655	15,638	16,204	17,373	18,054	18,153
Electric, gas, and sanitary services	108,634	106,988	105,150	107,607	117,277	123,400	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	225,135	242,458	245,793	261,485	289,595	312,831	116,866	116,597	132,547	144,774	157,375	161,127
Retail trade	385,273	423,299	433,575	457,258	490,619	523,524	132,567	137,607	148,414	159,136	172,619	180,086
Finance, insurance, and real estate	166,269	184,809	197,839	209,619	200,960	199,540	42,060	44,831	49,885	61,230	63,006	69,775
Banking and credit agencies	75,963	83,507	88,302	87,986	84,974	86,362	27,088	28,997	31,211	32,678	35,574	40,955
Other finance, insurance, and real estate[9]	90,306	101,302	109,537	121,633	115,986	113,178	14,972	15,834	18,674	28,552	27,432	28,820
Services	609,864	664,295	726,868	818,676	893,609	1,018,107	200,714	221,171	239,425	261,558	296,070	323,127
Hotels and other lodging places	(D)	16,209	19,070	23,920	23,169	23,578	4,583	4,636	4,881	5,315	5,784	5,916
Personal services	38,559	48,114	47,845	51,195	62,826	83,097	12,211	15,433	17,177	19,703	23,460	26,308
Private households	11,873	12,093	12,249	12,259	12,927	13,599	2,847	2,851	2,835	2,834	2,994	3,141
Business services	109,402	122,857	138,973	161,080	175,689	207,769	31,201	36,743	38,419	43,376	50,711	52,848
Auto repair, services, and garages	32,264	34,709	38,376	43,684	42,517	47,187	21,769	24,310	26,443	27,561	31,074	33,406
Miscellaneous repair services	27,982	27,921	29,252	31,970	32,260	33,215	6,405	6,035	7,286	7,056	7,992	8,932
Amusement and recreation services	8,646	10,156	11,356	12,685	14,252	13,855	3,468	3,969	4,185	4,277	4,708	5,174
Motion pictures	2,094	2,363	(D)	(D)	2,808	3,061	(D)	(D)	(D)	(D)	(D)	(D)
Health services	219,996	231,306	249,809	284,362	309,890	349,408	73,630	78,280	83,429	94,453	105,606	116,739
Legal services	46,141	49,984	56,743	61,702	72,028	84,599	9,103	10,380	11,227	11,619	13,593	15,027
Educational services	11,918	13,597	15,306	15,246	17,818	18,589	7,282	7,612	7,679	7,912	8,666	9,293
Social services	15,482	17,452	16,621	20,456	19,468	20,849	5,295	5,751	6,261	6,544	7,379	8,880
Museums, botanical, zoological gardens	(D)	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	29,989	33,673	35,223	38,727	43,758	47,179	9,726	10,047	10,567	11,593	12,948	13,336
Miscellaneous services	39,845	43,861	53,497	59,006	64,199	72,122	12,817	14,694	18,607	18,855	20,609	23,499
Government and government enterprises	963,739	1,050,251	1,086,077	1,156,184	1,234,327	1,364,003	89,825	97,950	106,731	116,137	123,909	132,804
Federal, civilian	223,366	240,357	233,251	257,220	289,309	311,677	8,329	9,026	9,096	9,683	10,731	11,056
Military	308,199	321,025	330,328	344,267	339,406	352,548	3,217	3,738	4,356	4,701	4,948	5,148
State and local	432,174	488,869	522,498	554,697	605,612	699,778	78,279	85,186	93,279	101,753	108,230	116,600

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Elmira, NY (MSA)						Enid, OK (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,066,360**	**1,087,713**	**1,145,063**	**1,225,880**	**1,337,581**	**1,452,241**	**872,346**	**863,564**	**849,269**	**816,331**	**861,859**	**896,249**
Nonfarm personal income	1,061,885	1,082,773	1,139,117	1,219,157	1,330,870	1,444,739	848,011	844,378	816,644	793,300	825,565	864,754
Farm income[1]	4,475	4,940	5,946	6,723	6,711	7,502	24,335	19,186	32,625	23,031	36,294	31,495
Population (thousands)[2]	92.5	91.3	90.2	90.7	91.7	91.8	66.0	64.4	62.4	59.6	58.3	56.6
Per capita personal income (dollars)	**11,526**	**11,908**	**12,691**	**13,508**	**14,584**	**15,825**	**13,222**	**13,409**	**13,611**	**13,703**	**14,783**	**15,840**
Derivation of total personal income:												
Total earnings by place of work	680,528	689,095	728,495	811,678	887,285	962,277	631,322	607,728	585,007	552,727	585,468	588,582
Less: Personal contributions for social insurance[3]	43,926	46,382	50,805	56,731	64,587	72,235	36,045	37,295	35,590	34,502	37,470	39,466
Plus: Adjustment for residence	16,825	26,350	28,001	19,407	21,451	12,305	−8,163	−6,461	−4,958	−3,194	−4,104	−2,697
Equals: Net earnings by place of residence	653,427	669,063	705,691	774,354	844,149	902,347	587,114	563,972	544,459	515,031	543,894	546,419
Plus: Dividends, interest, and rent[5]	169,389	173,908	184,120	188,295	214,034	244,276	160,920	166,100	156,621	150,938	158,449	178,499
Plus: Transfer payments	243,544	244,742	255,252	263,231	279,398	305,618	124,312	133,492	148,189	150,362	159,516	171,331
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	564,522	572,083	606,114	673,720	735,823	798,764	476,831	463,788	431,965	414,845	426,800	428,766
Other labor income	56,515	53,033	55,433	59,925	64,873	70,556	48,501	42,950	40,604	37,282	37,946	38,439
Proprietors' income[6]	59,491	63,979	66,948	78,033	86,589	92,957	105,990	100,990	112,438	100,600	120,722	121,377
Farm	3,199	3,660	4,664	5,358	5,331	6,081	22,891	17,750	31,199	21,531	34,792	29,969
Nonfarm	56,292	60,319	62,284	72,675	81,258	86,876	83,099	83,240	81,239	79,069	85,930	91,408
Earnings by industry:												
Farm	4,475	4,940	5,946	6,723	6,711	7,502	24,335	19,186	32,625	23,031	36,294	31,495
Nonfarm	676,053	684,155	722,549	804,955	880,574	954,775	606,987	588,542	552,382	529,696	549,174	557,087
Private	561,956	561,523	590,318	665,646	727,589	781,171	496,404	483,468	446,201	428,729	444,177	441,327
Agricultural services, forestry, fisheries, and other[7]	1,524	1,486	1,451	2,135	2,284	2,585	3,469	3,088	2,614	3,569	3,351	3,281
Agricultural services	1,396	1,335	1,313	2,018	2,152	2,454	3,452	3,080	2,615	3,568	3,353	3,284
Forestry, fisheries, and other[7]	128	151	138	117	132	131	(L)	(L)	(L)	(L)	(L)	(L)
Mining	1,584	2,243	688	686	1,269	1,337	60,964	54,705	39,241	33,659	34,866	30,740
Coal mining	(L)	(L)	(L)	(D)	(L)	(L)	53	50	(L)	(L)	(L)	(L)
Oil and gas extraction	1,535	2,207	650	667	1,252	1,319	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	0	0	0	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Construction	28,255	32,880	45,817	50,246	57,416	60,575	42,078	35,409	30,011	25,786	31,360	27,129
Manufacturing	195,928	173,970	167,246	193,913	216,457	235,519	55,605	46,803	40,429	38,940	39,467	40,277
Nondurable goods	30,291	30,005	27,183	28,202	31,484	34,172	31,520	24,373	23,274	24,197	23,796	23,861
Food and kindred products	7,386	7,976	7,359	8,598	9,012	9,552	9,892	11,399	11,176	12,066	11,871	11,874
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	0	0	0	(D)	(D)	0	(L)	(L)	(D)	(L)	80	56
Paper and allied products	8,940	8,554	8,109	8,997	10,414	10,629	0	0	0	0	0	0
Printing and publishing	8,825	8,901	6,894	7,829	8,629	10,329	3,711	(D)	(D)	(D)	3,208	2,932
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	3,459	2,704	2,951	1,094	1,420	(D)	13,007	4,040	2,979	3,143	3,333	3,479
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	1,131	1,496	1,667	(D)	89	(L)	0	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	165,637	143,965	140,063	165,711	184,973	201,347	24,085	22,430	17,155	14,743	15,671	16,416
Lumber and wood products	(D)	(D)	(D)	341	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Primary metal industries	2,383	2,642	2,210	(D)	(D)	2,104	0	(D)	0	0	0	0
Fabricated metal products	22,021	22,212	23,191	23,126	23,638	21,079	2,707	2,454	2,613	(D)	2,292	(D)
Machinery, except electrical	39,205	37,462	37,941	36,907	48,099	55,171	19,574	18,801	13,783	11,996	12,629	13,362
Electric and electronic equipment	35,518	34,272	35,447	46,458	45,804	51,964	(D)	(D)	(D)	0	0	0
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	24,626	27,346	0	0	0	0	0	0
Motor vehicles and equipment	15,563	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Stone, clay, and glass products	35,966	19,353	18,334	25,755	23,718	24,782	1,117	742	609	611	457	491
Instruments and related products	(D)	(D)	(D)	(D)	(D)	6,935	0	0	0	0	0	0
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	247	178	59	76	(D)	(D)
Transportation and public utilities	41,092	40,192	40,222	43,617	44,421	44,949	74,314	71,831	72,283	68,177	66,265	65,813
Railroad transportation	3,669	3,391	3,329	3,332	3,313	3,195	8,655	6,681	6,748	6,568	6,632	6,653
Trucking and warehousing	11,160	8,894	7,974	10,300	11,660	11,276	15,050	13,529	14,280	12,389	13,425	11,194
Water transportation	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	28,825	30,258	31,611	32,116	(D)	(D)
Communication	15,426	15,840	16,371	16,490	15,030	11,978	9,500	8,277	6,724	5,854	5,072	5,351
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	12,284	13,086	12,920	11,250	9,892	9,469
Wholesale trade	46,239	47,285	49,984	55,474	60,309	63,222	40,105	38,889	36,122	37,297	41,045	41,267
Retail trade	75,755	81,827	89,538	92,610	97,295	102,082	78,441	77,263	66,533	62,558	64,635	64,085
Finance, insurance, and real estate	21,970	22,456	24,795	33,050	30,344	31,705	30,292	29,803	27,494	27,632	27,300	25,515
Banking and credit agencies	10,120	10,512	(D)	(D)	(D)	(D)	15,814	15,151	13,332	10,727	10,886	9,930
Other finance, insurance, and real estate[9]	11,850	11,944	(D)	(D)	(D)	(D)	14,478	14,652	14,162	16,905	16,414	15,585
Services	149,609	159,184	170,577	193,915	217,794	239,197	111,136	125,677	131,474	131,111	135,888	143,220
Hotels and other lodging places	(D)	(D)	(D)	2,078	2,047	(D)	1,491	1,495	1,045	1,566	1,151	889
Personal services	6,133	7,798	8,789	8,253	9,374	10,683	9,226	11,732	12,371	11,053	12,340	13,880
Private households	2,479	2,482	2,470	2,463	2,599	2,716	719	716	713	702	728	755
Business services	9,334	13,240	14,715	20,222	25,008	26,210	24,726	24,872	21,772	18,940	20,506	22,028
Auto repair, services, and garages	3,937	4,152	5,008	6,086	6,834	7,172	5,306	5,852	5,238	4,698	4,754	5,313
Miscellaneous repair services	2,981	2,721	3,154	3,051	3,997	4,121	1,879	1,699	1,726	1,501	1,734	1,911
Amusement and recreation services	1,702	1,940	2,204	2,835	3,185	3,232	2,112	2,046	2,152	1,996	1,921	1,984
Motion pictures	343	255	146	155	341	316	(D)	(D)	(D)	(D)	(D)	(D)
Health services	83,437	85,284	87,631	100,506	110,597	123,065	38,837	50,051	56,268	59,820	62,264	63,030
Legal services	9,367	9,713	11,055	11,568	12,616	14,088	8,309	10,151	13,165	13,223	13,144	14,047
Educational services	(D)	(D)	(D)	7,956	8,439	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	7,765	8,716	10,147	10,948	12,912	14,688	1,227	1,391	1,312	1,432	1,581	1,967
Museums, botanical, zoological gardens	204	229	292	311	367	401	0	0	0	0	0	0
Membership organizations	6,392	6,644	6,971	8,008	9,006	9,597	4,374	4,187	4,132	4,281	4,407	4,578
Miscellaneous services	6,696	6,720	8,322	9,475	10,472	11,964	7,859	6,473	6,580	6,822	6,868	8,261
Government and government enterprises	114,097	122,632	132,231	139,309	152,985	173,604	110,583	105,074	106,181	100,967	104,997	115,760
Federal, civilian	11,941	12,658	12,736	13,228	14,113	14,914	8,633	8,975	8,885	9,216	9,460	9,918
Military	1,057	1,273	1,371	1,499	1,585	1,592	33,267	35,271	36,726	36,710	38,173	39,714
State and local	101,099	108,701	118,124	124,582	137,287	157,098	68,683	60,828	60,570	55,041	57,364	66,128

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Erie, PA (MSA)						Eugene—Springfield, OR (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,174,154**	**3,358,188**	**3,496,555**	**3,656,428**	**3,935,112**	**4,235,045**	**2,968,134**	**3,099,027**	**3,224,330**	**3,480,127**	**3,782,756**	**4,131,598**
Nonfarm personal income	3,166,551	3,345,562	3,482,554	3,643,131	3,923,103	4,217,776	2,944,319	3,073,448	3,191,996	3,443,675	3,733,696	4,083,182
Farm income[1]	7,603	12,626	14,001	13,297	12,009	17,269	23,815	25,579	32,334	36,452	49,060	48,416
Population (thousands)[2]	282.1	278.8	278.6	277.4	277.0	276.2	266.4	263.9	264.1	266.3	270.1	274.5
Per capita personal income (dollars)	**11,253**	**12,043**	**12,552**	**13,179**	**14,205**	**15,332**	**11,140**	**11,744**	**12,209**	**13,070**	**14,006**	**15,049**
Derivation of total personal income:												
Total earnings by place of work	2,354,671	2,480,008	2,557,287	2,691,714	2,907,031	3,097,469	2,042,671	2,127,724	2,231,672	2,454,913	2,703,813	2,915,994
Less: Personal contributions for social insurance[3]	150,360	165,894	173,550	182,103	204,920	226,050	130,453	142,600	153,888	166,258	188,744	212,395
Plus: Adjustment for residence	−44,018	−43,576	−44,296	−46,329	−50,060	−52,520	24,440	23,920	22,994	23,861	23,921	22,555
Equals: Net earnings by place of residence	2,160,293	2,270,538	2,339,441	2,463,282	2,652,051	2,818,899	1,936,658	2,009,044	2,100,778	2,312,516	2,538,990	2,726,154
Plus: Dividends, interest, and rent[5]	463,371	498,662	521,256	537,102	592,360	681,399	526,579	542,147	565,629	581,973	625,323	723,612
Plus: Transfer payments	550,490	588,988	635,858	656,044	690,701	734,747	504,897	547,836	557,923	585,638	618,443	681,832
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,914,662	2,019,604	2,073,060	2,172,235	2,341,173	2,489,128	1,605,687	1,671,802	1,742,223	1,906,014	2,084,865	2,251,321
Other labor income	227,196	229,183	234,638	241,507	261,423	279,460	146,418	150,519	160,900	176,325	192,877	211,785
Proprietors' income[6]	212,813	231,221	249,589	277,972	304,435	328,881	290,566	305,403	328,549	372,574	426,071	452,888
Farm	2,626	7,552	8,906	7,854	6,463	11,533	17,226	19,051	25,883	29,689	42,316	41,639
Nonfarm	210,187	223,669	240,683	270,118	297,972	317,348	273,340	286,352	302,666	342,885	383,755	411,249
Earnings by industry:												
Farm	7,603	12,626	14,001	13,297	12,009	17,269	23,815	25,579	32,334	36,452	49,060	48,416
Nonfarm	2,347,068	2,467,382	2,543,286	2,678,417	2,895,022	3,080,200	2,018,856	2,102,145	2,199,338	2,418,461	2,654,753	2,867,578
Private	2,113,986	2,218,229	2,271,436	2,391,652	2,588,743	2,750,000	1,651,770	1,712,443	1,785,196	1,975,843	2,180,057	2,366,365
Agricultural services, forestry, fisheries, and other[7]	6,060	6,669	6,567	8,320	8,920	9,741	18,412	17,389	22,702	27,811	31,029	33,485
Agricultural services	5,517	6,196	6,237	8,054	8,603	9,461	7,198	7,591	7,999	11,304	12,949	13,257
Forestry, fisheries, and other[7]	543	473	330	266	317	280	11,214	9,798	14,703	16,507	18,080	20,228
Mining	11,961	13,286	9,926	8,969	9,851	9,509	8,003	9,332	6,493	6,163	8,166	8,556
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	9,114	10,580	6,502	5,797	6,672	6,597	3,507	4,901	1,441	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	73	(D)	(D)	(D)
Nonmetallic minerals, except fuels	2,839	2,698	3,413	3,166	3,171	2,904	4,501	4,412	4,976	4,434	5,234	5,361
Construction	110,322	115,209	122,454	130,486	143,004	147,409	102,233	110,513	115,813	129,387	144,499	158,519
Manufacturing	995,086	1,023,755	1,014,981	1,027,814	1,111,744	1,104,510	492,760	496,628	497,367	550,066	599,628	632,021
Nondurable goods	246,109	273,852	297,020	324,887	349,294	341,233	93,651	106,045	107,139	115,139	120,162	126,637
Food and kindred products	40,365	46,402	49,047	50,809	53,494	51,514	34,520	37,351	36,551	(D)	38,965	38,668
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	3,413	3,114	1,204	509	733	703	888	824
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,071	(D)	(D)	(D)	(D)
Printing and publishing	19,227	21,212	23,338	24,698	26,559	26,425	25,972	27,637	30,030	31,602	32,980	36,403
Chemicals and allied products	9,996	10,886	10,173	9,529	26,255	33,004	9,041	9,577	10,453	11,584	13,038	14,383
Petroleum and coal products	4,941	4,707	4,426	4,448	5,724	5,811	0	(D)	(D)	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	105,622	112,778	128,044	145,748	138,456	142,696	4,275	4,854	6,200	6,903	9,133	9,999
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)
Durable goods	748,977	749,903	717,961	702,927	762,450	763,277	399,109	390,583	390,228	434,927	479,466	505,384
Lumber and wood products	8,732	9,582	9,958	10,120	10,984	11,924	319,994	307,557	300,977	326,962	350,152	359,696
Furniture and fixtures	30,050	31,265	34,110	34,050	33,212	30,624	3,212	1,765	1,643	(D)	(D)	3,053
Primary metal industries	56,193	54,913	52,118	49,835	55,419	55,936	3,877	3,961	4,439	4,907	4,197	4,399
Fabricated metal products	159,515	165,131	167,971	175,336	186,653	181,931	12,126	12,525	14,023	15,956	15,864	18,408
Machinery, except electrical	107,675	116,669	109,657	113,178	127,807	144,171	28,819	31,243	32,633	43,036	55,201	57,990
Electric and electronic equipment	87,203	88,876	87,587	87,255	91,632	89,753	9,382	11,369	11,783	(D)	(D)	20,735
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	3,736	4,845	5,403	5,382	6,941	6,131
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	9,263	10,418	9,737	10,762	12,726	18,337
Stone, clay, and glass products	2,877	3,414	4,122	4,155	4,242	5,101	3,735	3,124	6,335	7,357	9,075	10,211
Instruments and related products	81,433	83,656	81,162	78,013	79,111	31,624	548	619	728	980	1,203	1,148
Miscellaneous manufacturing industries	2,317	2,228	2,842	3,518	3,956	5,701	4,417	3,157	2,527	3,175	5,203	5,276
Transportation and public utilities	131,429	133,044	133,050	132,255	138,651	153,541	142,617	139,368	139,751	139,199	155,062	170,766
Railroad transportation	10,990	11,948	9,900	7,789	8,099	8,444	37,815	35,223	35,770	36,288	41,667	50,049
Trucking and warehousing	34,931	32,322	32,868	32,629	35,278	39,483	54,531	52,177	54,492	58,417	61,643	63,934
Water transportation	1,150	1,669	1,729	1,664	(D)	2,149	(L)	(L)	(D)	(D)	(D)	(D)
Other transportation[8]	6,221	5,940	9,102	9,962	(D)	12,313	7,814	7,542	(D)	(D)	(D)	(D)
Communication	49,809	49,722	48,036	48,836	47,085	47,990	34,906	34,604	32,732	33,126	34,600	36,302
Electric, gas, and sanitary services	28,328	31,443	31,415	31,375	36,263	43,162	7,559	9,826	9,182	3,501	7,956	8,387
Wholesale trade	85,006	91,006	94,268	105,596	121,249	185,298	118,085	126,126	135,154	146,244	156,618	173,520
Retail trade	217,097	227,134	237,231	245,501	265,397	281,944	263,035	269,666	280,872	298,409	328,201	350,910
Finance, insurance, and real estate	98,478	106,984	113,375	137,322	143,031	148,467	66,751	65,546	73,065	97,675	101,780	103,617
Banking and credit agencies	35,774	36,803	40,477	42,330	48,421	49,494	24,595	25,357	27,445	30,489	34,017	37,421
Other finance, insurance, and real estate[9]	62,704	70,181	72,898	94,992	94,610	98,973	42,156	40,189	45,620	67,186	67,763	66,196
Services	458,547	501,142	539,584	595,389	646,896	709,581	439,874	477,875	513,979	580,889	655,074	734,971
Hotels and other lodging places	10,706	10,318	10,341	10,214	10,497	10,709	13,498	13,164	14,239	15,554	16,259	19,102
Personal services	24,305	28,568	31,695	34,075	38,544	43,809	22,195	27,282	28,019	29,834	36,053	42,165
Private households	(D)	(D)	(D)	(D)	(D)	(D)	5,488	5,503	5,494	5,508	5,877	6,244
Business services	38,493	46,655	50,257	55,516	59,817	69,396	76,911	84,705	87,593	103,562	121,207	140,851
Auto repair, services, and garages	18,816	20,522	23,724	22,396	23,544	25,442	27,003	28,788	30,889	33,001	34,973	38,115
Miscellaneous repair services	9,700	9,963	11,280	11,044	13,072	13,882	10,864	10,045	11,836	11,946	13,646	15,233
Amusement and recreation services	7,914	8,782	10,314	11,385	11,742	12,940	7,554	7,648	8,418	10,937	12,393	14,268
Motion pictures	428	425	504	688	633	687	(D)	(D)	(D)	(D)	(D)	(D)
Health services	229,345	248,030	259,148	294,634	313,277	339,300	162,128	174,250	189,611	220,396	247,352	276,645
Legal services	22,931	25,439	30,486	31,608	35,056	38,054	35,660	39,441	42,080	43,160	50,768	51,725
Educational services	24,682	27,170	29,466	31,336	33,629	35,726	9,074	10,806	10,374	10,612	11,697	12,680
Social services	23,115	24,957	27,795	31,264	37,534	41,791	12,261	15,028	17,632	20,209	19,413	23,651
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	20,497	21,099	22,195	23,800	26,355	28,362	19,525	21,007	21,174	23,845	26,450	28,370
Miscellaneous services	22,216	23,700	26,826	31,839	37,285	43,219	36,580	38,674	44,901	50,189	56,224	63,132
Government and government enterprises	233,082	249,153	271,850	286,765	306,279	330,200	367,086	389,702	414,142	442,618	474,696	501,213
Federal, civilian	35,112	37,112	37,416	40,011	43,827	51,026	56,605	59,565	59,356	64,391	70,212	73,760
Military	7,810	8,563	9,181	9,177	9,558	9,736	6,096	6,784	7,528	7,345	7,816	8,110
State and local	190,160	203,478	225,253	237,577	252,894	269,438	304,385	323,353	347,258	370,882	396,668	419,343

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Evansville, IN—KY (MSA)						Fargo—Moorhead, ND—MN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,585,716**	**3,741,030**	**3,941,098**	**4,063,355**	**4,332,757**	**4,612,033**	**1,756,649**	**1,831,671**	**1,919,726**	**2,001,160**	**2,084,110**	**2,251,217**
Nonfarm personal income	3,550,822	3,712,367	3,909,955	4,037,641	4,306,084	4,566,611	1,693,785	1,776,354	1,849,504	1,935,749	2,037,485	2,190,616
Farm income[1]	34,894	28,663	31,143	25,714	26,673	45,422	62,864	55,317	70,222	65,411	46,625	60,601
Population (thousands)[2]	281.2	282.0	281.0	280.7	281.2	281.6	143.0	144.7	145.7	147.1	148.4	149.4
Per capita personal income (dollars)	**12,751**	**13,268**	**14,028**	**14,474**	**15,406**	**16,377**	**12,288**	**12,654**	**13,180**	**13,606**	**14,048**	**15,070**
Derivation of total personal income:												
Total earnings by place of work	2,795,793	2,916,724	3,074,278	3,168,270	3,377,529	3,547,269	1,321,237	1,376,950	1,463,164	1,543,127	1,621,905	1,727,776
Less: Personal contributions for social insurance[3]	158,005	174,632	185,860	187,746	208,596	227,205	79,804	88,459	99,564	107,316	118,903	130,959
Plus: Adjustment for residence	−192,725	−212,518	−218,832	−212,214	−223,533	−247,385	−28,705	−33,808	−39,273	−40,904	−40,609	−39,669
Equals: Net earnings by place of residence	2,445,063	2,529,574	2,669,586	2,768,310	2,945,400	3,072,679	1,212,728	1,254,683	1,324,327	1,394,907	1,462,393	1,557,148
Plus: Dividends, interest, and rent[5]	646,636	691,832	709,353	708,023	754,631	865,847	313,701	326,267	329,755	319,235	321,573	359,526
Plus: Transfer payments	494,017	519,624	562,159	587,022	632,726	673,507	230,220	250,721	265,644	287,018	300,144	334,543
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,246,574	2,356,413	2,472,984	2,550,344	2,703,611	2,820,217	1,050,591	1,104,478	1,159,419	1,227,065	1,304,002	1,378,515
Other labor income	254,781	254,168	266,817	267,094	282,137	295,419	90,849	92,005	95,908	98,029	103,788	111,365
Proprietors' income[6]	294,438	306,143	334,477	350,832	391,781	431,633	179,797	180,467	207,837	218,033	214,115	237,896
Farm	28,514	22,521	25,195	19,634	20,752	39,618	52,937	45,392	60,401	55,177	36,413	50,275
Nonfarm	265,924	283,622	309,282	331,198	371,029	392,015	126,860	135,075	147,436	162,856	177,702	187,621
Earnings by industry:												
Farm	34,894	28,663	31,143	25,714	26,673	45,422	62,864	55,317	70,222	65,411	46,625	60,601
Nonfarm	2,760,899	2,888,061	3,043,135	3,142,556	3,350,856	3,501,847	1,258,373	1,321,633	1,392,942	1,477,716	1,575,280	1,667,175
Private	2,554,100	2,661,524	2,797,249	2,887,757	3,075,525	3,206,435	1,043,249	1,090,022	1,147,617	1,219,293	1,302,611	1,379,311
Agricultural services, forestry, fisheries, and other[7]	5,858	6,168	6,233	9,053	9,198	9,770	5,032	5,355	4,894	7,272	7,796	8,075
Agricultural services	5,726	6,038	6,128	8,972	9,117	9,695	4,984	5,250	4,892	7,232	7,835	8,165
Forestry, fisheries, and other[7]	132	130	105	81	81	75	(L)	105	(L)	(L)	(L)	−90
Mining	156,267	153,477	137,779	116,859	121,104	124,623	3,160	3,564	2,090	1,973	1,997	1,783
Coal mining	(D)	(D)	(D)	(D)	103,845	104,076	0	(D)	0	0	0	0
Oil and gas extraction	24,022*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	2,063*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	229,554	250,487	286,144	272,794	291,299	281,537	93,751	95,476	100,427	102,522	108,964	113,895
Manufacturing	920,559	936,429	971,907	982,459	1,032,497	1,050,592	104,738	106,833	108,379	112,917	120,229	127,064
Nondurable goods	388,913	407,844	430,755	466,395	485,985	489,662	56,164	58,020	60,368	60,885	67,787	68,462
Food and kindred products	(D)	47,809*	43,581*	44,810*	40,470*	40,368*	(D)	(D)	41,865	42,193	44,290	45,412
Textile mill products	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	9,514*	9,417*	10,592*	(D)	10,087*	11,452*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,202*	1,229*	(D)	(D)
Printing and publishing	41,951*	44,873*	45,642*	48,568*	51,553*	52,087*	12,278	13,256	14,199	13,816	15,167	15,640
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	14,483	15,315	18,241	20,721	22,499	18,877	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(D)
Rubber and misc. plastic products	92,561	93,918	97,542	108,859	115,735	112,668*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	531,646	528,585	541,152	516,064	546,512	560,930	48,574	48,813	48,011	52,032	52,442	58,602
Lumber and wood products	10,855	10,617*	11,569*	11,227*	12,042*	12,306	619	1,208	1,761	2,825*	3,216	3,333*
Furniture and fixtures	28,425	(D)	30,737	20,407	16,032	15,395	2,337	2,834	2,795	(D)	(D)	3,541
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	49,066*	50,272*	55,583*	55,891*	52,006*	52,505*	8,033*	8,604*	9,416*	10,022*	10,203*	(D)
Machinery, except electrical	44,222*	40,535*	39,456*	39,198*	40,346*	43,451	26,276	24,760	20,995	20,314	17,190	21,292
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)
Motor vehicles and equipment	(D)	43,694*	(D)	44,169*	53,615	45,735	1,872	1,921	2,505	3,930	6,601	6,807
Stone, clay, and glass products	(D)	(D)	(D)	(D)	24,288*	24,608*	4,447	4,706	4,931	5,087	5,570	5,615
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	787	860	983
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	13,522*	16,425*	2,094*	2,025*	(D)	(D)	(D)	(D)
Transportation and public utilities	193,425	196,717	201,909	207,968	223,421	235,777	118,655	120,603	126,458	128,989	136,195	143,011
Railroad transportation	38,124	33,784*	27,554*	21,061	26,241	(D)	18,710	18,252	17,837	17,596	18,430	19,452
Trucking and warehousing	65,314	67,591	73,260	71,598*	(D)	89,318	46,729	46,118	49,750	55,882	57,075	60,016
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	−67	(L)	−57	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	18,668*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	30,677	31,868	33,196	36,280	38,640	36,725	34,815*	35,930*	36,294*	34,832*	37,985*	39,972*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	7,194	8,240	9,369	7,800	9,082	9,216
Wholesale trade	155,223	166,503	175,713	185,998	194,804	209,410	164,703	168,539	169,292	180,913	189,449	203,412
Retail trade	265,087	270,752	284,745	309,063	329,657	342,617	145,591	148,750	152,591	160,822	169,375	174,812
Finance, insurance, and real estate	90,415	97,245	108,797	130,802	123,043	123,990	88,976	95,330	103,345	115,120	116,487	121,180
Banking and credit agencies	43,558*	46,082*	51,607*	54,726*	61,984	66,404	31,661	35,519	38,769	42,788	44,032	45,624
Other finance, insurance, and real estate[9]	43,645*	47,813*	53,653*	70,865*	61,059	57,586	57,315	59,811	64,576	72,332	72,455	75,556
Services	537,712	583,746	624,022	672,761	750,502	828,119	318,643	345,572	380,141	408,765	452,119	486,079
Hotels and other lodging places	8,407*	(D)	(D)	10,998*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	29,196	34,523	37,665	40,499	46,253	51,023	18,303	23,398	25,569	27,269	31,127	35,105
Private households	9,444	9,457	8,909*	8,892*	9,392*	9,843*	4,366	4,374	4,322	4,258	4,468	4,623
Business services	59,513	69,478	78,454	88,189	101,294	115,575	26,942	29,323	35,262	42,697	50,891	57,349
Auto repair, services, and garages	27,401	33,058	34,670	35,238	36,689	38,455	12,720	14,219	15,940	17,051	18,001	18,796
Miscellaneous repair services	20,351	21,284	22,745	18,932	22,337	23,841	5,236	5,171	6,399	6,181	6,336	6,739
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	6,603	7,352	8,379	8,611	8,889	9,329
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	492	485	565	(D)	708	757
Health services	256,501	268,731	279,050	305,982	336,299	370,317	159,369	170,906	182,751	193,095	211,858	223,631
Legal services	27,922	30,689	35,255	38,860	45,241	50,330	15,753	17,336	19,760	21,301	22,644	23,941
Educational services	21,349*	23,739	24,221	23,695	25,193	26,457	(D)	(D)	(D)	(D)	(D)	(D)
Social services	14,599*	15,889*	17,557*	19,407*	22,320*	24,831*	8,334	10,139	11,890	13,032	14,835	16,547
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	20,941	20,807	21,460	23,467	25,166	26,137	12,605	12,867	13,343	14,231	15,656	16,222
Miscellaneous services	29,231	33,114	37,933	41,767	49,115	59,402	23,715	24,369	27,425	30,469	33,914	36,946
Government and government enterprises	206,799	226,537	245,886	254,799	275,331	295,412	215,124	231,611	245,325	258,423	272,669	287,864
Federal, civilian	28,967	31,766	32,200	33,264	36,572	37,905	51,533	54,620	56,116	60,100	66,640	70,057
Military	6,809	7,709	8,851	9,358	9,738	9,994	4,739	5,149	5,890	6,664	7,006	7,337
State and local	171,023	187,062	204,835	212,177	229,021	247,513	158,852	171,842	183,319	191,659	199,023	210,470

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Fayetteville, NC (MSA)						Fayetteville—Springdale, AR (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,494,044**	**2,664,854**	**2,794,643**	**2,985,758**	**3,234,005**	**3,473,479**	**1,065,398**	**1,154,021**	**1,238,835**	**1,314,063**	**1,412,037**	**1,546,174**
Nonfarm personal income	2,485,453	2,659,026	2,788,226	2,977,321	3,218,942	3,456,912	1,023,791	1,119,756	1,191,491	1,286,403	1,395,216	1,518,571
Farm income[1]	8,591	5,828	6,417	8,437	15,063	16,567	41,607	34,265	47,344	27,660	16,821	27,603
Population (thousands)[2]	254.0	255.5	254.6	256.7	255.7	255.9	104.1	105.7	107.1	108.9	110.6	112.2
Per capita personal income (dollars)	**9,818**	**10,431**	**10,976**	**11,631**	**12,648**	**13,576**	**10,238**	**10,922**	**11,563**	**12,064**	**12,761**	**13,775**
Derivation of total personal income:												
Total earnings by place of work	2,096,562	2,219,029	2,315,327	2,492,607	2,710,623	2,874,354	808,911	865,383	949,346	1,043,973	1,120,184	1,223,857
Less: Personal contributions for social insurance[3]	117,323	127,359	135,754	139,026	157,844	170,829	46,105	52,777	62,125	70,908	79,506	88,652
Plus: Adjustment for residence	−93,890	−95,542	−94,877	−108,095	−133,666	−137,555	−45,883	−44,259	−51,100	−73,954	−69,078	−84,743
Equals: Net earnings by place of residence	1,885,349	1,996,128	2,084,696	2,245,486	2,419,113	2,565,970	716,923	768,347	836,121	899,111	971,600	1,050,462
Plus: Dividends, interest, and rent[5]	213,194	235,776	253,433	261,282	293,176	337,490	179,096	202,279	208,697	207,905	223,788	256,185
Plus: Transfer payments	395,501	432,950	456,514	478,990	521,716	570,019	169,379	183,395	194,017	207,047	216,649	239,527
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,880,193	1,996,202	2,070,749	2,217,757	2,392,215	2,522,649	611,610	660,106	719,949	807,792	880,009	954,710
Other labor income	97,943	100,131	104,339	117,628	137,627	156,190	66,447	71,392	77,265	89,105	97,651	107,778
Proprietors' income[6]	118,426	122,696	140,239	157,222	180,781	195,515	130,854	133,885	152,132	147,076	142,524	161,369
Farm	5,760	3,007	3,620	5,490	12,096	13,546	36,344	29,137	42,336	22,454	11,659	22,455
Nonfarm	112,666	119,689	136,619	151,732	168,685	181,969	94,510	104,748	109,796	124,622	130,865	138,914
Earnings by industry:												
Farm	8,591	5,828	6,417	8,437	15,063	16,567	41,607	34,265	47,344	27,660	16,821	27,603
Nonfarm	2,087,971	2,213,201	2,308,910	2,484,170	2,695,560	2,857,787	767,304	831,118	902,002	1,016,313	1,103,363	1,196,254
Private	915,205	976,555	1,044,285	1,164,827	1,309,353	1,411,606	603,695	653,911	712,122	819,175	892,747	957,302
Agricultural services, forestry, fisheries, and other[7]	5,271	5,430	7,511	10,359	11,882	9,920	3,471	3,113	3,033	4,745	4,927	4,848
Agricultural services	4,894	5,161	(D)	(D)	(D)	(D)	3,339	3,024	2,999	4,704	4,896	4,823
Forestry, fisheries, and other[7]	377	269	(D)	(D)	(D)	(D)	132	89	(L)	(L)	(L)	(L)
Mining	1,552	2,146	683	566	913	973	2,140	2,754	1,549	1,468	1,660	1,883
Coal mining	80	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	2,053	613	530	869	919	2,140	2,754	1,549	1,468	1,660	1,883
Metal mining	0	0	0	0	0	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Construction	77,392	84,989	96,988	105,307	108,670	109,019	47,817	54,803	56,678	62,136	60,598	61,595
Manufacturing	266,098	266,823	270,388	300,376	332,966	335,580	162,739	174,767	199,373	251,347	279,141	305,833
Nondurable goods	184,932	186,034	179,117	200,395	222,996	219,619	101,064	109,103	128,172	161,475	175,840	192,052
Food and kindred products	12,320	10,682	11,527	13,192	13,490	9,188	81,294	88,490	105,293	132,973	146,460	159,032
Textile mill products	19,773	(D)	(D)	19,513	20,507	(D)	0	0	0	0	0	0
Apparel and other textile products	13,700	12,714	12,404	13,095	17,662	19,496	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	8,601	9,519	10,779	12,181	12,599	13,280	13,473	13,761	15,290	16,044	16,464	17,692
Chemicals and allied products	18,024	18,128	14,319	19,564	17,300	19,130	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	877	517	358	(D)	(D)	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	826	724	933	1,174	1,879	2,321
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	(D)
Durable goods	81,166	80,789	91,271	99,981	109,970	115,961	61,675	65,664	71,201	89,872	103,301	113,781
Lumber and wood products	10,137	6,483	6,542	8,021	8,679	9,555	1,669	1,883	2,244	3,898	3,593	4,554
Furniture and fixtures	2,745	2,873	3,078	2,736	3,404	3,047	(D)	(D)	(D)	(D)	(D)	1,595
Primary metal industries	0	0	0	0	0	0	(D)	(D)	3,682	3,791	5,383	6,068
Fabricated metal products	2,224	2,812	3,441	4,124	4,946	5,543	33,390	35,933	36,948	44,293	48,323	50,649
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	7,241	6,929	7,330	8,705	12,141	16,866
Electric and electronic equipment	15,502	(D)	(D)	(D)	18,373	20,730	7,645	6,438	6,728	7,331	8,010	8,144
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,460	(D)	(D)	(D)
Stone, clay, and glass products	3,880	4,891	5,602	5,847	6,217	5,903	1,704	1,798	2,020	2,078	2,035	2,431
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Miscellaneous manufacturing industries	(D)	99	(D)	(D)	(D)	(D)	5,095	6,092	6,520	8,526	8,470	9,419
Transportation and public utilities	77,689	82,024	80,882	104,348	153,334	199,977	95,246	105,764	114,299	128,598	137,589	146,469
Railroad transportation	(D)	(D)	(D)	1,430	2,026	2,433	(D)	(D)	1,407	1,502	(D)	(D)
Trucking and warehousing	34,091	33,876	30,530	32,866	(D)	(D)	58,870	66,215	72,444	83,984	94,769	98,975
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	27,883	(D)	(D)	(D)	(D)	7,506	5,727	(D)	(D)
Communication	27,599	29,353	27,660	30,614	29,395	30,522	13,684	14,456	15,007	15,338	15,860	16,901
Electric, gas, and sanitary services	8,009	8,981	11,560	11,559	12,484	13,737	12,805	14,999	17,935	22,047	19,602	22,144
Wholesale trade	39,671	46,453	52,746	59,933	62,868	74,795	44,071	46,416	51,690	51,680	55,601	59,132
Retail trade	202,639	219,442	231,883	244,230	259,230	272,936	96,885	103,464	105,829	112,367	121,892	126,295
Finance, insurance, and real estate	48,535	52,156	60,617	70,863	77,057	79,955	29,756	30,698	33,195	39,235	39,027	39,544
Banking and credit agencies	21,433	24,410	28,373	30,140	34,845	36,114	15,742	16,609	17,400	16,965	17,754	18,463
Other finance, insurance, and real estate[9]	27,102	27,746	32,244	40,723	42,212	43,841	14,014	14,089	15,795	22,270	21,273	21,081
Services	196,358	217,092	242,587	268,845	302,433	328,451	121,570	132,132	146,476	167,599	192,312	211,703
Hotels and other lodging places	7,568	7,361	8,640	9,808	9,719	10,715	3,852	3,792	4,381	4,947	4,847	6,021
Personal services	17,705	20,412	23,720	24,085	26,618	27,495	10,876	12,913	14,098	14,521	16,480	18,351
Private households	11,680	11,856	11,917	12,005	12,796	13,509	2,616	2,628	2,623	2,627	2,775	2,904
Business services	23,886	28,414	34,240	40,888	49,719	52,733	17,184	19,061	21,983	26,406	32,378	34,918
Auto repair, services, and garages	15,288	17,121	18,461	20,047	22,187	24,007	9,961	11,100	11,060	10,909	12,853	13,615
Miscellaneous repair services	7,886	7,133	8,297	8,831	9,629	10,637	2,812	2,405	3,122	3,351	4,065	4,550
Amusement and recreation services	3,360	4,000	4,656	4,732	4,763	5,510	1,459	1,400	1,465	1,750	1,894	2,306
Motion pictures	632	506	441	534	441	448	(D)	(D)	606	786	870	1,089
Health services	60,637	68,085	78,621	89,525	101,704	112,676	43,190	46,168	51,941	62,932	71,868	77,938
Legal services	13,487	14,755	16,235	17,710	20,097	21,055	9,986	11,029	12,034	13,290	15,663	17,403
Educational services	5,731	6,397	6,794	8,370	8,579	9,637	(D)	(D)	1,186	1,272	1,812	2,454
Social services	6,272	6,753	5,166	5,771	6,862	8,330	5,383	5,972	6,409	7,276	8,238	9,801
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	9,818	10,989	9,680	10,151	10,808	10,702	4,641	4,760	4,805	5,018	5,550	5,732
Miscellaneous services	12,408	13,310	15,719	16,388	18,511	20,997	8,266	8,685	10,763	12,514	13,019	14,621
Government and government enterprises	1,172,766	1,236,646	1,264,625	1,319,343	1,386,207	1,446,181	163,609	177,207	189,880	197,138	210,616	238,952
Federal, civilian	192,784	202,721	212,627	224,835	267,025	256,118	25,505	27,734	27,402	30,280	32,332	34,092
Military	794,759	829,812	830,488	854,556	851,239	893,361	3,741	3,858	4,076	4,480	4,618	4,900
State and local	185,223	204,113	221,510	239,952	267,943	296,702	134,363	145,615	158,402	162,378	173,666	199,960

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Flint, MI (MSA)						Florence, AL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,849,465**	**6,277,361**	**6,554,875**	**6,369,397**	**6,582,012**	**6,993,287**	**1,297,706**	**1,362,650**	**1,429,874**	**1,494,713**	**1,621,972**	**1,705,676**
Nonfarm personal income	5,841,878	6,270,101	6,549,488	6,361,153	6,574,363	6,982,089	1,276,182	1,338,146	1,410,825	1,469,953	1,593,905	1,681,659
Farm income[1]	7,587	7,260	5,387	8,244	7,649	11,198	21,524	24,504	19,049	24,760	28,067	24,017
Population (thousands)[2]	433.4	434.3	434.2	434.2	430.7	428.7	136.9	137.8	135.9	135.5	135.5	134.4
Per capita personal income (dollars)	**13,497**	**14,452**	**15,095**	**14,669**	**15,280**	**16,315**	**9,480**	**9,889**	**10,524**	**11,033**	**11,966**	**12,691**
Derivation of total personal income:												
Total earnings by place of work	5,124,745	5,567,125	5,715,175	5,334,305	5,323,859	5,590,849	927,912	958,120	997,199	1,044,769	1,131,713	1,182,461
Less: Personal contributions for social insurance[3]	318,457	368,481	367,097	356,861	369,964	399,985	56,372	60,502	60,377	62,211	70,028	76,744
Plus: Adjustment for residence	−572,866	−612,994	−620,073	−511,885	−454,841	−500,254	2,739	13,923	16,686	25,141	39,762	27,237
Equals: Net earnings by place of residence	4,233,422	4,585,650	4,728,005	4,465,559	4,499,054	4,690,610	874,279	911,541	953,508	1,007,699	1,101,447	1,132,954
Plus: Dividends, interest, and rent[5]	732,483	783,652	850,138	844,241	911,661	1,041,518	188,330	202,209	210,362	210,253	232,104	264,086
Plus: Transfer payments	883,560	908,059	976,732	1,059,597	1,171,297	1,261,159	235,097	248,900	266,004	276,761	288,421	308,636
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,271,590	4,692,609	4,806,343	4,462,534	4,468,651	4,651,527	746,605	771,797	801,493	836,953	902,414	941,083
Other labor income	660,651	666,418	683,937	601,771	566,430	627,266	82,290	79,965	84,898	86,186	93,172	101,367
Proprietors' income[6]	192,504	208,098	224,895	270,000	288,778	312,056	99,017	106,358	110,808	121,630	136,127	140,011
Farm	5,433	5,154	3,323	6,068	5,483	9,005	18,807	21,745	16,274	21,804	25,072	20,927
Nonfarm	187,071	202,944	221,572	263,932	283,295	303,051	80,210	84,613	94,534	99,826	111,055	119,084
Earnings by industry:												
Farm	7,587	7,260	5,387	8,244	7,649	11,198	21,524	24,504	19,049	24,760	28,067	24,017
Nonfarm	5,117,158	5,559,865	5,709,788	5,326,061	5,316,210	5,579,651	906,388	933,616	978,150	1,020,009	1,103,646	1,158,444
Private	4,641,731	5,052,381	5,161,338	4,752,866	4,717,220	4,970,222	682,033	695,945	736,379	769,072	838,395	902,030
Agricultural services, forestry, fisheries, and other[7]	4,501	5,765	6,033	8,114	8,986	10,146	3,347	3,373	2,951	(D)	3,338	3,358
Agricultural services	(D)	5,580	5,966	8,043	8,934	10,106	(D)	(D)	(D)	2,801	(D)	(D)
Forestry, fisheries, and other[7]	(D)	185	67	71	52	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	7,632	10,812	4,743	4,325	6,150	7,096	1,683	2,032	1,290	(D)	1,586	1,672
Coal mining	(L)	(L)	(D)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	7,397	10,654	4,485	4,019	5,841	6,824	(D)	(D)	(D)	406	600	(D)
Metal mining	(L)	(L)	(L)	86	91	101	0	0	0	0	0	0
Nonmetallic minerals, except fuels	240	161	(D)	217	215	168	(D)	(D)	(D)	(D)	986	1,025*
Construction	120,636	165,472	166,205	174,469	193,767	203,124	46,980	46,192	45,722	49,579	61,380	67,438
Manufacturing	2,922,296	3,190,876	3,144,825	2,578,696	2,407,454	2,728,345	303,994	298,144	313,811	315,055	334,750	357,282
Nondurable goods	65,859	73,045	77,476	79,759	93,137	102,846	87,814	83,371	88,564	99,944	103,335	114,432
Food and kindred products	14,650	15,018	15,246	15,317	16,500	15,191	10,759	11,752	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,834	4,471
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	24,045*	27,891	35,149	43,472*	44,090*	55,145
Paper and allied products	7,422	7,237	8,585	10,291	11,093	11,242	0	0	(D)	(D)	(D)	(D)
Printing and publishing	17,349	19,887	22,075	22,971	26,187	27,955	(D)	4,380	4,204	4,654	5,357	5,182
Chemicals and allied products	15,556	17,282	14,647	14,335	15,175	16,173	15,091*	14,761*	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	9,965	12,895	16,023	16,340	23,123	31,115	(D)	(D)	(D)	21,916	(D)	22,636
Leather and leather products	(D)	0	0	0	0	0	(D)	(D)	(D)	592	(D)	(D)
Durable goods	2,856,437	3,117,831	3,067,349	2,498,937	2,314,317	2,625,499	216,180	214,773	225,247	215,111	231,415	242,850
Lumber and wood products	1,025	1,054	1,382	2,123	1,840	1,994	5,770	6,078	7,052	7,973	7,886	9,127
Furniture and fixtures	(D)	(D)	(D)	6,461	6,044	10,282	7,837	8,243	7,273*	9,774*	11,052*	(D)
Primary metal industries	1,739	(D)	1,792	(D)	(D)	(D)	154,710*	(D)	(D)	138,397	147,279	160,505
Fabricated metal products	266,057	514,025	505,762	455,804	491,723	505,239	17,358	17,404	17,799	18,175	16,698	14,840
Machinery, except electrical	36,345	46,059	48,722	42,611	49,540	58,718	11,021	13,934	14,113	14,316	(D)	(D)
Electric and electronic equipment	6,861	5,598	5,758	6,979	1,639	5,208	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,397*
Motor vehicles and equipment	2,535,606	2,536,503	2,489,243	1,968,476	1,745,747	2,003,862	7,677*	5,855*	4,164*	5,111*	6,316*	6,434*
Stone, clay, and glass products	5,123	6,350	7,851	8,496	9,738	10,596	6,655	(D)	(D)	(D)	(D)	(D)
Instruments and related products	1,404	1,858	2,154	2,529	3,655	27,024	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,861	2,736	2,598	3,504	2,329	833	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	151,102	149,086	153,270	161,860	152,769	158,590	46,019	45,367	44,631	44,865	47,118	46,914
Railroad transportation	16,670	17,452	17,604	19,083	20,513	20,682	12,403	12,979	13,517	14,618	13,765	12,809
Trucking and warehousing	60,182	53,799	55,573	55,829	49,579	51,230	16,166	15,410	15,406	14,002	16,823	16,881
Water transportation	(D)	(D)	(D)	833	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	7,046	(D)	(D)	(D)	(D)	17,861	(D)	(D)	(D)	(D)	(D)	(D)
Communication	38,824	40,579	41,920	43,073	42,993	41,640	8,803	8,641	8,818	8,756	8,749	9,095
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	28,122	27,177	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	355,839	357,767	381,885	402,099	459,663	266,566	34,367	37,340	40,039	43,876	49,104	56,992
Retail trade	346,930	375,025	411,004	437,735	462,670	490,069	90,768	96,239	101,460	105,068	112,438	120,638
Finance, insurance, and real estate	99,815	107,802	120,089	145,155	127,193	133,389	29,988	32,948	35,528	38,426	36,692	38,662
Banking and credit agencies	58,245	61,463	66,791	65,020	63,384	65,829	14,778	16,092	17,874	(D)	(D)	19,232
Other finance, insurance, and real estate[9]	41,570	46,339	53,298	80,135	63,809	67,560	15,210	16,856	17,654	(D)	(D)	19,430
Services	632,980	689,776	773,284	840,413	898,568	972,897	124,887	134,310	150,947	167,424	191,989	209,074
Hotels and other lodging places	3,762	4,681	4,972	5,654	5,279	5,920	(D)	(D)	3,195	3,179	3,227	3,158
Personal services	28,947	35,526	39,303	42,652	48,227	53,587	9,116	10,820	11,428	11,875	14,005	16,031
Private households	6,286	6,306	6,302	6,313	6,657	6,968	3,267	3,292	3,296	3,309	3,488	3,648
Business services	47,521	59,102	72,002	77,773	95,885	113,332	8,965	9,902	12,485	14,530	16,428	18,118
Auto repair, services, and garages	25,567	31,480	36,220	37,023	40,043	43,904	10,269	10,282	10,589	10,196	11,678	12,201
Miscellaneous repair services	9,174	11,558	11,329	11,489	13,347	14,588	2,935	2,887	3,104	3,020	3,426	3,548
Amusement and recreation services	11,644	12,233	10,700	11,289	12,905	15,145	1,473	1,626	1,754	1,937	2,112	2,419
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	325,892	324,922	359,652	400,671	404,963	428,207	44,734	48,455	54,568	64,753	75,865	81,271
Legal services	29,221	30,186	32,803	40,389	43,389	43,179	8,829	9,198	10,069	11,205	12,546	13,581
Educational services	28,764	31,606	34,047	35,847	37,392	40,968	(D)	(D)	(D)	(D)	(D)	(D)
Social services	24,213	26,700	29,392	30,679	42,326	48,909	1,509	1,471	1,632	1,999	2,701	3,123
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Membership organizations	36,080	37,711	39,180	42,024	45,181	46,932	7,347	7,001	7,465	7,758	8,466	8,835
Miscellaneous services	54,548	75,069	94,883	96,084	100,369	109,706	22,361	24,807	29,721	31,812	35,857	40,610
Government and government enterprises	475,427	507,484	548,450	573,195	598,990	609,429	224,355	237,671	241,771	250,937	265,251	256,414
Federal, civilian	39,862	42,469	42,042	42,787	46,834	47,940	103,494	103,024	98,824	105,187	112,785	92,410
Military	4,809	5,237	5,571	5,973	6,182	6,254	6,238	7,043	7,669	8,496	8,787	8,931
State and local	430,756	459,778	500,837	524,435	545,974	555,235	114,623	127,604	135,278	137,254	143,679	155,073

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Florence, SC (MSA)						Fort Collins—Loveland, CO (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,095,528**	**1,161,734**	**1,230,565**	**1,310,459**	**1,426,379**	**1,499,877**	**2,051,279**	**2,205,652**	**2,360,796**	**2,534,995**	**2,702,302**	**2,953,679**
Nonfarm personal income	1,078,171	1,148,887	1,225,107	1,295,807	1,406,793	1,478,752	2,038,566	2,193,152	2,343,929	2,519,043	2,681,418	2,925,478
Farm income[1]	17,357	12,847	5,458	14,652	19,586	21,125	12,713	12,500	16,867	15,952	20,884	28,201
Population (thousands)[2]	114.4	115.7	116.4	117.0	118.0	118.7	165.9	170.7	175.5	179.1	182.0	185.5
Per capita personal income (dollars)	**9,580**	**10,039**	**10,572**	**11,200**	**12,093**	**12,635**	**12,364**	**12,924**	**13,452**	**14,151**	**14,850**	**15,925**
Derivation of total personal income:												
Total earnings by place of work	885,957	924,383	986,859	1,054,300	1,150,854	1,235,803	1,325,953	1,415,186	1,521,478	1,636,306	1,761,358	1,925,781
Less: Personal contributions for social insurance[3]	51,069	56,557	62,577	61,963	70,071	78,041	71,158	79,577	87,542	93,702	104,009	117,823
Plus: Adjustment for residence	−55,595	−60,369	−61,030	−59,969	−65,989	−70,272	185,333	207,041	216,883	235,969	245,259	256,865
Equals: Net earnings by place of residence	779,293	807,457	863,252	932,368	1,014,794	1,087,490	1,440,128	1,542,650	1,650,819	1,778,573	1,902,608	2,064,823
Plus: Dividends, interest, and rent[5]	131,448	145,092	148,540	149,889	164,471	136,434	376,088	403,985	426,102	445,284	468,984	533,595
Plus: Transfer payments	184,787	209,185	218,773	228,202	247,114	275,953	235,063	259,017	283,875	311,138	330,710	355,261
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	728,954	767,808	820,024	870,861	945,386	1,023,841	1,056,872	1,129,655	1,209,633	1,292,225	1,385,380	1,512,558
Other labor income	72,406	72,505	76,905	80,497	86,935	94,631	94,537	97,515	104,759	109,382	120,186	134,301
Proprietors' income[6]	84,597	84,070	89,930	102,942	118,533	117,331	174,544	188,016	207,086	234,699	255,792	278,922
Farm	12,156	7,641	264	9,121	13,978	15,339	8,645	8,550	13,058	12,035	17,038	24,428
Nonfarm	72,441	76,429	89,666	93,821	104,555	101,992	165,899	179,466	194,028	222,664	238,754	254,494
Earnings by industry:												
Farm	17,357	12,847	5,458	14,652	19,586	21,125	12,713	12,500	16,867	15,952	20,884	28,201
Nonfarm	868,600	911,536	981,401	1,039,648	1,131,268	1,214,678	1,313,240	1,402,686	1,504,611	1,620,354	1,740,474	1,897,580
Private	739,203	765,659	822,935	871,094	946,314	1,011,436	1,003,170	1,064,583	1,142,959	1,222,752	1,316,861	1,440,603
Agricultural services, forestry, fisheries, and other[7]	1,971	2,081	2,296	3,239	3,275	3,532	8,859	9,956	9,852	12,648	14,311	14,636
Agricultural services	1,298	1,554	1,674	2,618	2,773	2,819	8,499	9,252	9,145	12,044	13,329	13,798
Forestry, fisheries, and other[7]	673	527	622	621	502	713	360	704	707	604	982	838
Mining	1,246	1,805	956	1,050	1,259	1,322	11,093	11,884	10,513	11,818	11,373	14,491
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	340	365	550	574	(D)	9,296	7,565	8,432	7,631	9,336
Metal mining	0	0	0	0	0	0	(D)	(L)	(L)	(L)	(L)	246
Nonmetallic minerals, except fuels	(D)	(D)	613	684	707	746	2,971	2,586	2,946	3,361	3,716	4,907
Construction	68,357	74,019	84,268	76,730	86,274	85,278	147,554	144,369	151,784	156,698	136,113	142,977
Manufacturing	278,616	275,100	281,967	297,986	309,522	322,542	324,859	343,739	369,939	384,590	451,138	494,904
Nondurable goods	175,048	174,614	184,952	188,553	194,749	203,944	35,896	36,651	39,912	48,560	78,136	83,444
Food and kindred products	20,501	22,012	25,865	25,167	23,663	20,349	12,290	10,759	10,853	12,291	40,273	42,992
Textile mill products	49,229	50,405	52,794	55,467	62,260	64,801	(D)	(D)	(D)	(D)	(D)	0
Apparel and other textile products	20,312	16,582	18,179	18,094	20,788	22,049	77	121	(D)	122	166	217
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,197	1,603
Printing and publishing	3,973	4,270	4,306	5,075	6,204	4,656	15,963	17,785	20,435	25,579	25,441	27,224
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,068	2,255	2,443	2,569	3,193	(D)
Petroleum and coal products	0	0	0	0	0	0	(D)	0	0	576	560	593
Tobacco manufactures	5,239	4,790	4,815	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	4,647	4,831	4,982	6,390	7,293	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	103,568	100,486	97,015	109,433	114,773	118,598	288,963	307,088	330,027	336,030	373,002	411,460
Lumber and wood products	13,889	13,479	13,458	14,736	15,180	15,311	10,991	(D)	8,169	8,866	9,797	12,606
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,755	1,751	2,340	3,624	3,734	1,405
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,089	2,657	2,656	1,563	1,545	1,890
Fabricated metal products	19,910	22,423	24,165	26,293	28,308	25,808	9,974	8,731	7,893	6,682	6,477	6,368
Machinery, except electrical	6,310	(D)	7,293	8,418	9,323	14,236	118,001	132,587	148,601	157,570	192,631	220,228
Electric and electronic equipment	47,276	38,521	30,504	30,365	35,290	39,819	37,275	41,195	45,317	49,133	56,492	60,514
Transportation equip. excl. motor vehicles	0	(D)	(D)	0	0	0	(D)	0	(D)	387	539	1,304
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	(D)	521	(D)	(D)	(D)	776
Stone, clay, and glass products	(D)	1,994	2,273	3,077	3,556	4,000	10,087	10,573	10,891	8,125	6,812	5,626
Instruments and related products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	95,332
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	4,246	5,258	4,875	4,370	5,543	5,411
Transportation and public utilities	67,819	66,553	66,353	64,428	69,600	70,617	44,040	45,512	47,993	47,805	51,160	56,429
Railroad transportation	25,661	23,729	20,930	17,211	20,665	23,296	1,924	2,105	1,604	(D)	1,385	(D)
Trucking and warehousing	15,540	14,541	15,449	17,475	18,897	16,682	15,023	14,410	15,893	17,307	17,155	18,556
Water transportation	0	0	0	0	0	0	(D)	(D)	(L)	(D)	(L)	(D)
Other transportation[8]	3,063	4,637	4,797	3,905	4,867	3,893	(D)	(D)	5,229	6,114	7,610	8,686
Communication	14,691	13,482	13,050	13,477	12,197	13,053	12,067	13,033	13,197	12,890	14,464	16,415
Electric, gas, and sanitary services	8,864	10,164	12,127	12,360	12,974	13,693	10,804	11,613	12,084	10,279	10,519	11,129
Wholesale trade	45,765	49,275	52,111	55,104	64,505	71,473	34,255	37,448	37,602	41,530	44,597	49,196
Retail trade	99,158	105,207	114,401	122,449	133,355	140,163	151,604	160,800	166,542	176,156	188,500	202,338
Finance, insurance, and real estate	35,070	39,041	48,202	54,348	57,123	67,683	52,316	58,165	65,350	77,433	67,828	64,272
Banking and credit agencies	19,022	20,805	23,423	25,119	28,684	31,913	24,633	26,741	28,890	28,060	26,806	(D)
Other finance, insurance, and real estate[9]	16,048	18,236	24,779	29,229	28,439	35,770	27,683	31,424	36,460	49,373	41,022	(D)
Services	141,201	152,578	172,381	195,760	221,401	248,826	228,590	252,710	283,384	314,074	351,841	401,360
Hotels and other lodging places	6,993	7,060	7,648	8,692	9,594	8,969	6,765	9,083	11,992	12,027	12,358	12,317
Personal services	7,167	8,809	9,400	10,659	14,315	16,126	14,636	17,697	19,567	21,414	24,535	28,865
Private households	5,131	5,190	5,217	5,258	5,598	5,912	4,306	4,365	4,380	4,389	4,624	4,849
Business services	11,626	12,827	14,903	18,079	18,364	21,766	49,940	56,693	63,284	68,129	83,087	100,628
Auto repair, services, and garages	8,106	9,168	9,828	9,652	10,662	11,429	14,358	16,279	17,801	19,301	20,336	21,252
Miscellaneous repair services	2,840	3,005	3,199	3,924	4,949	5,558	6,226	5,758	6,777	6,851	7,307	8,280
Amusement and recreation services	1,638	2,065	2,114	1,855	2,080	2,538	4,605	5,276	5,915	6,467	6,828	8,159
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	799	1,511	1,799	1,331	1,378	1,289
Health services	60,230	66,112	71,040	87,210	99,483	112,299	67,805	71,617	78,269	91,136	100,271	113,722
Legal services	6,260	6,923	8,439	8,881	10,274	12,187	11,732	12,959	14,852	17,035	20,679	21,805
Educational services	1,163	1,326	1,578	2,290	(D)	3,255	1,738	2,203	2,521	3,039	3,495	4,692
Social services	3,208	3,516	3,697	4,494	4,724	5,269	(D)	5,725	6,705	8,455	10,912	12,114
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Membership organizations	5,719	5,604	5,580	6,008	6,495	6,879	12,020	12,397	13,144	14,972	17,311	18,714
Miscellaneous services	20,787	20,646	29,407	28,262	31,689	36,204	29,302	31,147	36,378	39,528	38,720	44,674
Government and government enterprises	129,397	145,877	158,466	168,554	184,954	203,242	310,070	338,103	361,652	397,602	423,613	456,977
Federal, civilian	14,393	15,331	15,256	15,939	17,097	17,465	46,844	48,659	52,169	56,630	60,950	65,205
Military	5,328	5,674	5,734	6,069	6,289	6,426	5,398	5,760	6,157	6,287	6,344	6,678
State and local	109,676	124,872	137,476	146,546	161,568	179,351	257,828	283,684	303,326	334,685	356,319	385,094

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Fort Lauderdale—Hollywood—Pompano Beach, FL (PMSA)						Fort Myers—Cape Coral, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**17,720,449**	**19,226,990**	**20,440,410**	**22,219,472**	**24,244,019**	**26,469,920**	**3,350,801**	**3,813,280**	**4,237,476**	**4,743,600**	**5,209,579**	**5,858,159**
Nonfarm personal income	17,690,257	19,192,374	20,402,174	22,184,738	24,207,943	26,436,433	3,315,228	3,775,026	4,194,714	4,697,422	5,160,468	5,806,617
Farm income[1]	30,192	34,616	38,236	34,734	36,076	33,487	35,573	38,254	42,762	46,178	49,111	51,542
Population (thousands)[2]	1,101.0	1,120.2	1,138.9	1,163.3	1,187.0	1,208.8	255.2	266.8	281.1	296.2	309.1	324.3
Per capita personal income (dollars)	**16,095**	**17,164**	**17,947**	**19,101**	**20,425**	**21,898**	**13,132**	**14,290**	**15,075**	**16,017**	**16,852**	**18,063**
Derivation of total personal income:												
Total earnings by place of work	8,657,100	9,510,367	10,422,319	11,825,086	12,838,917	13,481,745	1,667,340	1,880,436	2,129,578	2,453,518	2,734,352	2,999,617
Less: Personal contributions for social insurance[3]	486,858	559,912	616,259	666,688	759,439	844,014	92,521	110,580	126,262	137,846	162,190	187,584
Plus: Adjustment for residence	1,691,144	1,771,340	1,868,498	1,976,686	2,099,639	2,210,750	26,791	30,402	35,342	41,476	44,033	48,100
Equals: Net earnings by place of residence	9,861,386	10,721,795	11,674,558	13,135,084	14,179,117	14,848,481	1,601,610	1,800,258	2,038,658	2,357,148	2,616,195	2,860,133
Plus: Dividends, interest, and rent[5]	5,255,403	5,722,517	5,912,767	6,086,274	6,768,154	7,969,541	1,084,778	1,262,944	1,382,151	1,497,709	1,667,130	1,965,634
Plus: Transfer payments	2,603,660	2,782,678	2,853,085	2,998,114	3,296,748	3,651,898	664,413	750,078	816,667	888,743	926,254	1,032,392
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,221,233	7,909,368	8,621,726	9,709,670	10,614,289	11,117,660	1,318,105	1,472,081	1,653,740	1,900,262	2,141,805	2,361,513
Other labor income	664,402	696,102	771,983	849,762	913,190	967,985	120,242	129,590	148,122	166,011	186,775	208,887
Proprietors' income[6]	771,465	904,897	1,028,610	1,265,654	1,311,438	1,396,100	228,993	278,765	327,716	387,245	405,772	429,217
Farm	20,972	25,642	29,488	25,728	27,206	24,730	23,593	26,218	30,624	33,175	35,862	37,857
Nonfarm	750,493	879,255	999,122	1,239,926	1,284,232	1,371,370	205,400	252,547	297,092	354,070	369,910	391,360
Earnings by industry:												
Farm	30,192	34,616	38,236	34,734	36,076	33,487	35,573	38,254	42,762	46,178	49,111	51,542
Nonfarm	8,626,908	9,475,751	10,384,083	11,790,352	12,802,841	13,448,258	1,631,767	1,842,182	2,086,816	2,407,340	2,685,241	2,948,075
Private	7,610,657	8,340,463	9,139,287	10,411,172	11,258,527	11,876,881	1,400,685	1,590,046	1,804,693	2,082,665	2,322,074	2,536,125
Agricultural services, forestry, fisheries, and other[7]	51,023	55,075	56,924	76,192	88,685	93,910	22,466	33,505	39,514	35,752	42,156	44,698
Agricultural services	50,008	52,856	55,086	74,636	86,535	92,028	15,148	15,909	16,002	20,894	(D)	26,949
Forestry, fisheries, and other[7]	1,015	2,219	1,838	1,556	2,150	1,882	7,318	17,596	23,512	14,858	(D)	17,749
Mining	62,433	88,975	37,770	37,479	52,226	51,148	14,765	22,191	9,247	9,585	13,633	14,414
Coal mining	3,635	3,535	3,492	(D)	2,261	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	50,235	76,068	23,873	26,018	40,215	40,614	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	0	(D)	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	8,573	9,376	10,405	9,541	9,750	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	859,544	931,785	1,017,709	1,020,804	1,111,661	1,104,412	240,113	263,223	293,545	322,913	359,335	385,301
Manufacturing	999,662	1,065,349	1,097,135	1,198,087	1,312,790	1,325,922	81,805	88,518	104,099	112,621	130,770	142,525
Nondurable goods	226,368	256,579	286,181	332,860	350,454	359,627	29,815	33,351	39,860	48,687	58,782	66,145
Food and kindred products	28,500	32,425	34,107	40,812	37,107	40,504	7,949	8,776	10,056	9,706	10,685	13,077
Textile mill products	693	773	1,404	4,689	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	19,720	20,197	23,439	27,303	29,824	30,464	1,469	1,768	2,560	2,941	3,308	3,948
Paper and allied products	2,063	1,873	2,202	2,525	2,949	5,303	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	115,791	137,384	152,731	175,142	188,964	191,210	15,991	17,028	19,738	22,216	24,322	28,507
Chemicals and allied products	14,821	15,021	19,451	20,496	22,764	20,952	2,885	3,177	4,666	10,171	12,005	11,980
Petroleum and coal products	5,267	5,072	6,904	8,485	10,104	11,470	0	0	0	(D)	(D)	0
Tobacco manufactures	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	38,468	43,225	45,692	53,107	51,760	50,809	1,287	2,407	2,637	3,572	4,595	5,540
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)
Durable goods	773,294	808,770	810,954	865,227	962,336	966,295	51,990	55,167	64,239	63,934	71,988	76,380
Lumber and wood products	17,847	18,596	22,766	24,076	27,504	27,525	4,254	4,630	5,889	7,599	10,361	11,329
Furniture and fixtures	23,641	30,746	34,400	40,987	43,791	42,736	256	339	583	(D)	(D)	(D)
Primary metal industries	2,658	2,789	3,280	3,454	3,996	3,750	(D)	(D)	(D)	(D)	(D)	431
Fabricated metal products	74,268	76,928	78,270	77,267	82,094	80,556	7,877	8,389	9,512	8,760	9,089	9,827
Machinery, except electrical	191,114	215,312	214,558	229,093	222,431	215,689	6,742	7,475	9,481	9,999	10,363	10,640
Electric and electronic equipment	303,160	289,824	264,024	276,569	344,776	373,026	2,189	2,064	3,461	5,244	5,531	5,478
Transportation equip. excl. motor vehicles	62,573	68,612	79,593	70,209	75,951	77,466	3,161	4,058	4,909	6,186	7,554	7,594
Motor vehicles and equipment	14,318	15,595	17,024	17,681	15,252	6,196	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	41,611	43,449	48,227	57,083	64,729	60,118	16,743	18,191	19,116	16,400	18,427	20,397
Instruments and related products	23,574	25,958	23,976	25,286	29,193	33,116	(D)	(D)	9,795	(D)	7,974	8,434
Miscellaneous manufacturing industries	18,530	20,961	24,836	43,522	52,619	46,117	509	879	1,264	774	1,300	981
Transportation and public utilities	592,257	614,809	657,110	752,429	767,956	766,614	113,447	125,981	144,685	142,012	153,171	158,385
Railroad transportation	2,120	2,085	2,176	2,342	2,983	3,591	656	593	488	(D)	301	173
Trucking and warehousing	77,960	80,364	94,694	105,099	132,533	126,112	23,417	23,162	25,073	28,332	32,948	30,983
Water transportation	33,426	34,664	32,325	38,545	47,956	49,801	2,297	2,715	2,699	3,693	4,052	3,707
Other transportation[8]	137,539	151,445	177,756	237,907	194,902	207,081	11,960	12,776	16,600	(D)	21,936	21,869
Communication	254,569	255,362	248,119	260,833	267,616	262,011	46,638	50,277	52,416	52,119	54,825	58,013
Electric, gas, and sanitary services	86,643	90,889	102,040	107,703	121,966	118,018	28,479	36,458	47,409	37,420	39,109	43,640
Wholesale trade	519,283	583,574	633,754	777,075	879,223	976,003	78,208	88,840	94,636	106,840	120,740	137,382
Retail trade	1,260,169	1,387,511	1,519,245	1,637,485	1,778,202	1,884,252	279,559	320,404	356,706	403,711	458,171	493,243
Finance, insurance, and real estate	743,985	818,786	929,743	1,287,952	1,221,273	1,193,220	119,317	129,943	149,951	222,927	199,439	207,826
Banking and credit agencies	304,367	336,757	398,037	454,268	495,751	525,166	41,350	43,921	49,533	55,009	65,258	74,800
Other finance, insurance, and real estate[9]	439,618	482,029	531,706	833,684	725,522	668,054	77,967	86,022	100,418	167,918	134,181	133,026
Services	2,522,301	2,794,599	3,189,897	3,623,669	4,046,511	4,481,400	451,005	517,441	612,310	726,304	844,659	952,351
Hotels and other lodging places	140,835	154,839	167,448	183,686	191,999	191,935	31,087	34,346	42,574	49,437	56,260	63,842
Personal services	97,442	114,642	134,805	141,607	150,474	169,258	22,993	31,383	33,579	35,851	42,683	47,586
Private households	68,974	70,977	72,431	74,105	80,122	85,771	11,330	11,662	11,902	12,176	13,165	14,093
Business services	410,865	459,107	536,454	589,763	699,749	805,659	50,536	63,202	77,251	95,022	100,037	113,016
Auto repair, services, and garages	105,459	121,762	133,469	145,182	160,687	174,087	22,261	25,357	30,826	37,349	44,783	47,345
Miscellaneous repair services	49,760	44,386	54,030	59,792	65,566	72,915	9,055	9,012	11,135	10,673	12,413	14,331
Amusement and recreation services	95,012	98,759	111,071	122,901	131,817	153,657	11,590	14,874	16,079	19,376	22,686	25,011
Motion pictures	9,923	(D)	12,432	12,991	15,263	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	794,043	865,838	935,972	1,121,359	1,240,566	1,353,618	150,111	166,097	189,870	242,123	285,010	321,836
Legal services	232,512	263,517	299,260	377,814	395,335	416,179	30,236	33,274	39,428	45,025	53,489	59,149
Educational services	61,294	69,444	80,000	87,281	96,013	107,378	3,384	3,930	4,101	4,494	4,917	5,382
Social services	47,722	56,085	61,584	71,286	88,523	102,965	13,278	19,344	21,912	25,552	29,642	34,348
Museums, botanical, zoological gardens	688	(D)	1,336	1,446	1,500	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	98,241	96,002	105,369	116,193	131,432	145,010	19,675	19,508	21,728	25,425	31,547	34,657
Miscellaneous services	309,531	366,783	484,236	518,263	597,465	685,123	74,257	84,130	110,590	122,173	146,242	170,049
Government and government enterprises	1,016,251	1,135,288	1,244,796	1,379,180	1,544,314	1,571,377	231,082	252,136	282,123	324,675	363,167	411,950
Federal, civilian	113,388	127,386	134,038	153,568	181,708	197,008	26,112	29,239	30,476	34,045	40,187	43,562
Military	14,198	15,819	17,111	17,121	17,705	17,907	3,531	3,980	4,338	4,700	4,946	5,162
State and local	888,665	992,083	1,093,647	1,208,491	1,344,901	1,356,462	201,439	218,917	247,309	285,930	318,034	363,226

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Fort Pierce, FL (MSA)						Fort Smith, AR—OK (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,509,282**	**2,819,014**	**3,107,628**	**3,492,279**	**3,889,712**	**4,307,214**	**1,721,780**	**1,838,911**	**1,951,802**	**2,063,063**	**2,209,751**	**2,335,432**
Nonfarm personal income	2,402,507	2,705,378	2,995,192	3,378,704	3,726,783	4,169,930	1,696,769	1,812,815	1,918,375	2,030,410	2,173,329	2,296,097
Farm income[1]	106,775	113,636	112,436	113,575	162,929	137,284	25,011	26,096	33,427	32,653	36,422	39,335
Population (thousands)[2]	191.3	198.6	209.8	221.3	231.8	243.8	170.9	173.5	175.6	178.3	180.7	183.2
Per capita personal income (dollars)	**13,117**	**14,193**	**14,816**	**15,781**	**16,780**	**17,668**	**10,078**	**10,601**	**11,113**	**11,571**	**12,228**	**12,749**
Derivation of total personal income:												
Total earnings by place of work	1,254,942	1,359,547	1,504,426	1,767,895	1,994,439	2,147,825	1,373,152	1,459,223	1,572,089	1,690,970	1,807,280	1,843,114
Less: Personal contributions for social insurance[3]	65,387	74,956	84,139	95,120	111,058	128,680	88,184	99,297	116,391	126,934	140,363	148,142
Plus: Adjustment for residence	85,439	109,348	129,229	137,241	146,388	137,499	−115,044	−124,834	−133,210	−145,274	−147,588	−133,330
Equals: Net earnings by place of residence	1,274,994	1,393,939	1,549,516	1,810,016	2,029,769	2,156,644	1,169,924	1,235,092	1,322,488	1,418,762	1,519,329	1,561,642
Plus: Dividends, interest, and rent[5]	796,784	931,040	1,016,013	1,090,463	1,212,328	1,428,509	259,622	288,200	292,591	292,050	312,381	356,978
Plus: Transfer payments	437,504	494,035	542,099	591,800	647,615	722,061	292,234	315,619	336,723	352,251	378,041	416,812
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	941,817	1,017,593	1,129,315	1,316,255	1,478,650	1,633,119	1,089,940	1,160,901	1,242,173	1,339,213	1,426,706	1,443,744
Other labor income	89,964	93,166	105,427	121,694	134,997	150,599	118,956	121,324	129,381	138,977	147,184	150,925
Proprietors' income[6]	223,161	248,788	269,684	329,946	380,792	364,107	164,256	176,998	200,535	212,780	233,390	248,445
Farm	84,466	91,515	90,511	90,595	139,931	114,056	21,975	23,150	30,558	29,680	33,488	36,425
Nonfarm	138,695	157,273	179,173	239,351	240,861	250,051	142,281	153,848	169,977	183,100	199,902	212,020
Earnings by industry:												
Farm	106,775	113,636	112,436	113,575	162,929	137,284	25,011	26,096	33,427	32,653	36,422	39,335
Nonfarm	1,148,167	1,245,911	1,391,990	1,654,320	1,831,510	2,010,541	1,348,141	1,433,127	1,538,662	1,658,317	1,770,858	1,803,779
Private	1,006,108	1,083,032	1,207,336	1,446,970	1,598,194	1,752,004	1,219,490	1,295,901	1,393,119	1,504,481	1,601,429	1,624,025
Agricultural services, forestry, fisheries, and other[7]	50,609	56,664	55,980	68,361	74,420	82,563	2,674	2,885	2,824	4,085	3,943	4,159
Agricultural services	50,210	54,803	52,924	66,052	71,385	79,323	2,587	2,788	2,735	3,996	3,846	4,066
Forestry, fisheries, and other[7]	399	1,861	3,056	2,309	3,035	3,240	87	97	89	89	97	93
Mining	10,699	16,634	6,198	6,358	9,745	10,230	36,722	38,820	31,370	29,043	30,938	33,460
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	4,707	4,878	8,194	8,825	33,356*	35,641*	27,216*	25,114*	27,280*	28,374*
Metal mining	(L)	(L)	0	0	0	0	−119	−53	(L)	(D)	514	556
Nonmetallic minerals, except fuels	(D)	(D)	1,475	1,471	1,541	1,394	(D)	(D)	(D)	(D)	(D)	(D)
Construction	172,889	158,279	188,168	223,635	245,137	261,281	86,768	88,006	94,907	96,587	95,032	93,861
Manufacturing	105,826	118,389	127,867	143,811	156,587	158,637	467,741	494,624	541,359	589,617	625,442	597,756
Nondurable goods	41,378	44,977	48,047	50,356	54,399	55,121	152,598	170,487	189,715	204,182	218,655	232,434
Food and kindred products	15,845*	(D)	(D)	(D)	(D)	(D)	72,536*	83,813*	94,384*	103,656*	110,817*	119,626*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	593*	(D)	(D)	(D)	3,209	3,418*	3,320*	3,377*	5,648*	6,169*
Paper and allied products	0	0	0	0	0	0	29,804*	31,147*	33,788*	35,487*	37,459*	38,643*
Printing and publishing	15,390	16,658	17,527	18,653	18,493	19,490	17,336*	19,111*	20,641*	22,053*	24,212*	26,421
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	7,884	(D)	18,566*	(D)	(D)	23,079*	23,194*	24,668*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	64,448	73,412	79,820	93,455	102,188	103,516	315,143	324,137	351,644	385,435	406,787	365,322
Lumber and wood products	4,494	5,670	6,756	9,217	10,986	9,773	5,177*	5,519	5,857*	6,779	6,884	6,480*
Furniture and fixtures	(D)	(D)	(D)	954*	1,022*	990*	46,159	43,844	46,046*	50,115*	53,342*	51,782
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,105	2,118	2,488	3,401	5,514	7,220	12,385*	13,505*	13,020*	(D)	(D)	(D)
Machinery, except electrical	5,505	6,682	7,010	6,421	5,945	5,548	58,054*	62,762*	73,419*	77,760*	(D)	81,195
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	129,131*	129,688*	143,071*	160,387*	165,603*	135,018
Transportation equip. excl. motor vehicles	(D)	39,358	45,504	56,156	60,349	59,497	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	7,933	8,854	6,284	(D)	(D)	8,200	(D)	17,157*	14,758*	14,725*	(D)	(D)
Instruments and related products	3,569	3,472*	3,502	3,929	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	437	(D)	(D)	(D)	(D)	1,211	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	104,055	106,984	110,399	128,667	133,873	148,824	95,795	100,793	112,868	119,767	131,866	141,114
Railroad transportation	2,188	2,589	1,562	1,520	1,445	977	12,615	12,213	11,911	12,256	12,852	14,090
Trucking and warehousing	22,260	(D)	(D)	(D)	(D)	39,805	44,640	49,043	58,217	63,339	75,340	81,208
Water transportation	3,761	3,738	(D)	2,908	2,989	3,166	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	27,175	27,210	26,794	29,331	29,532	30,965	19,684	19,958	19,952	19,951	18,852*	21,540
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	14,148	15,160	17,038	18,288	17,076	17,369
Wholesale trade	35,541	41,663	41,971	52,146	61,303	69,166	71,165	75,157	74,832	78,580	82,019	84,854
Retail trade	168,956	185,894	212,308	241,426	279,266	303,220	140,330	150,062	152,869	159,515	171,716	178,891
Finance, insurance, and real estate	67,110	71,272	82,373	140,139	128,537	128,458	50,742	55,806	63,078	70,266	71,709	70,366
Banking and credit agencies	(D)	(D)	39,126	44,780	48,974	52,595	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	(D)	(D)	43,247	95,359	79,563	75,863	26,344*	(D)	(D)	(D)	(D)	38,514*
Services	290,423	327,253	382,072	442,427	509,326	589,625	267,553	289,748	319,012	357,021	388,764	419,564
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	5,181	(D)	6,184*	6,600*	(D)	6,545
Personal services	11,434	15,320	17,108	19,135	22,070	25,149	16,063	19,785	20,871	19,971	23,496	26,419
Private households	16,716	17,195	17,546	17,948	19,411	20,784	4,201	4,212	4,201	4,189	4,408	4,604
Business services	35,931	41,259	48,500	57,194	62,178	73,135	38,202	44,474	51,636	62,966	73,233	76,461
Auto repair, services, and garages	10,651	12,576	15,239	17,070	18,502	21,483	15,813	18,362	20,063	21,070	21,932	23,373
Miscellaneous repair services	7,552	6,237	7,633	8,658	10,476	11,646	6,730	6,938	7,520	7,422	8,525	9,246
Amusement and recreation services	10,022	12,722	13,936	15,425	16,865	23,928	3,069	(D)	(D)	(D)	(D)	7,101
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	106,781	117,069	133,660	159,133	184,358	210,339	129,583	131,314	140,337	161,585	171,011	185,945
Legal services	15,995	18,823	24,037	30,387	34,236	38,263	15,194	17,191	19,683	20,356	23,389	26,166
Educational services	6,776	7,042	6,784	6,055	6,518	7,202	1,943	2,595	2,702	2,586	4,966	5,645
Social services	(D)	(D)	(D)	(D)	(D)	12,433	7,134	7,733	8,566	9,376	10,175	11,019
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	14,012	14,769	17,857	20,646	23,782	25,785	9,917	10,742	10,988	11,342	12,873	13,538
Miscellaneous services	37,219	45,730	62,103	70,068	85,232	101,312	14,180	15,821	19,954	19,350	20,647	23,096
Government and government enterprises	142,059	162,879	184,654	207,350	233,316	258,537	128,651	137,226	145,543	153,836	169,429	179,754
Federal, civilian	12,773	15,026	16,258	18,206	21,021	22,232	33,960	36,431	37,012	40,740	47,314	50,587
Military	4,771	5,102	5,483	4,391	4,577	4,755	5,238	5,579	6,190	6,966	7,294	7,556
State and local	124,515	142,751	162,913	184,753	207,718	231,550	89,453	95,216	102,341	106,130	114,821	121,611

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Fort Walton Beach, FL (MSA)						Fort Wayne, IN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,376,394**	**1,511,643**	**1,651,161**	**1,813,476**	**1,953,823**	**2,124,177**	**4,366,524**	**4,707,483**	**5,140,748**	**5,535,101**	**5,983,415**	**6,440,445**
Nonfarm personal income	1,375,523	1,510,943	1,650,452	1,812,722	1,952,384	2,123,169	4,340,199	4,684,234	5,110,981	5,504,258	5,965,760	6,404,021
Farm income[1]	871	700	709	754	1,439	1,008	26,325	23,249	29,767	30,843	17,655	36,424
Population (thousands)[2]	129.8	135.1	140.8	146.1	150.6	156.0	348.9	351.8	358.6	364.7	367.4	373.7
Per capita personal income (dollars)	**10,605**	**11,189**	**11,731**	**12,409**	**12,974**	**13,619**	**12,516**	**13,383**	**14,337**	**15,178**	**16,287**	**17,236**
Derivation of total personal income:												
Total earnings by place of work	1,008,347	1,089,156	1,198,895	1,326,408	1,419,160	1,511,782	3,498,522	3,810,237	4,230,783	4,631,724	5,011,672	5,354,315
Less: Personal contributions for social insurance[3]	53,924	60,100	67,299	69,962	78,175	85,243	199,037	229,168	256,195	272,338	307,115	338,329
Plus: Adjustment for residence	−46,782	−50,991	−56,260	−63,831	−67,126	−71,545	−203,491	−223,586	−272,808	−317,232	−333,438	−367,080
Equals: Net earnings by place of residence	907,641	978,065	1,075,336	1,192,615	1,273,859	1,354,994	3,095,994	3,357,483	3,701,780	4,042,154	4,371,119	4,648,906
Plus: Dividends, interest, and rent[4]	184,246	209,440	229,246	244,929	273,059	320,197	740,848	793,150	843,209	874,151	930,361	1,068,095
Plus: Transfer payments	284,507	324,138	346,579	375,932	406,905	448,986	529,682	556,850	595,759	618,796	681,935	723,444
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	881,515	945,214	1,033,491	1,146,057	1,216,073	1,291,759	2,917,471	3,204,767	3,553,987	3,873,988	4,201,525	4,466,090
Other labor income	53,566	57,105	63,331	70,728	78,996	86,651	324,166	336,008	376,509	406,029	439,678	471,979
Proprietors' income[6]	73,266	86,837	102,073	109,623	124,091	133,372	256,885	269,462	300,287	351,707	370,469	416,246
Farm	373	215	239	271	965	543	19,989	17,180	23,931	24,928	11,942	30,895
Nonfarm	72,893	86,622	101,834	109,352	123,126	132,829	236,896	252,282	276,356	326,779	358,527	385,351
Earnings by industry:												
Farm	871	700	709	754	1,439	1,008	26,325	23,249	29,767	30,843	17,655	36,424
Nonfarm	1,007,476	1,088,456	1,198,186	1,325,654	1,417,721	1,510,774	3,472,197	3,786,988	4,201,016	4,600,881	4,994,017	5,317,891
Private	532,220	595,663	671,564	739,506	790,112	834,211	3,168,544	3,460,649	3,851,127	4,228,722	4,593,238	4,887,936
Agricultural services, forestry, fisheries, and other[7]	3,446	8,409	12,093	10,851	12,091	12,355	10,870	11,231	12,368	17,387	18,464	20,525
Agricultural services	2,456	3,117	3,285	4,393	3,699	3,842	10,809	11,163	12,278	17,317	18,393	20,459
Forestry, fisheries, and other[7]	990	5,292	8,808	6,458	8,392	8,513	61	68	90	70	71	66
Mining	1,143	1,885	601	655	1,059	1,223	9,102	12,303	7,100	8,439	10,025	10,068
Coal mining	0	0	0	0	0	0	97	99	108	60	73	77
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,102	4,353*	4,625*
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,277	5,425*	5,150*
Construction	78,202	74,208	72,665	68,036	72,183	76,875	178,680	216,393	268,133	288,941	308,283	316,465
Manufacturing	71,131	79,797	96,243	106,609	115,157	112,299	1,248,350	1,336,300	1,470,101	1,620,306	1,761,487	1,859,328
Nondurable goods	10,747	12,368	13,502	14,945	15,727	16,851	297,404	305,546	306,093	313,025	335,772	353,554
Food and kindred products	88	100	124	(D)	(D)	(D)	88,162*	89,463*	72,340*	65,607*	70,441*	67,096*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Apparel and other textile products	5,424	5,958	6,641	7,422	7,703	3,549	2,563	2,424*	(D)	(D)	(D)	3,632*
Paper and allied products	0	0	0	(D)	(D)	0	(D)	(D)	(D)	24,265*	27,791*	29,336*
Printing and publishing	2,926	3,699	4,067	4,083	4,500	4,823	(D)	(D)	41,553*	(D)	(D)	(D)
Chemicals and allied products	0	0	0	0	(D)	(D)	5,533*	5,787*	5,774*	5,735*	5,893*	6,113*
Petroleum and coal products	1,739	2,030	2,061	2,452	2,491	0	10,564	10,864	6,168	1,310	946	176
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	768	822	(D)	129,652*	127,468*	147,462	156,008	162,493	175,002
Leather and leather products	0	0	0	0	0	0	399	306	(D)	(D)	(D)	(D)
Durable goods	60,384	67,429	82,741	91,664	99,430	95,448	950,946	1,030,754	1,164,008	1,307,281	1,425,715	1,505,774
Lumber and wood products	5,237	6,009	6,144	6,290	6,836	6,865	12,531	14,329	17,451	20,111	21,533	27,468
Furniture and fixtures	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,759*	5,490*	6,180*
Primary metal industries	0	0	0	0	0	0	121,981*	124,850*	125,692*	148,532	165,178	184,744
Fabricated metal products	(D)	6,079	(D)	11,965	8,044	(D)	87,105	94,859	99,390	110,179	117,134	128,002
Machinery, except electrical	2,973	2,994	3,119	7,214	5,331	4,916	155,850	156,024	160,636	170,558	193,561	210,662
Electric and electronic equipment	25,329	32,792	42,304	40,804	(D)	25,251	292,824	350,639	367,132*	376,958*	381,969*	391,325*
Transportation equip. excl. motor vehicles	(D)	9,241	11,146	(D)	42,975	44,327	4,921	4,100	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	(D)	0	0	0	200,945*	203,966*	294,181	380,963	432,770	434,013
Stone, clay, and glass products	1,588	1,654	1,825	1,854	1,875	1,924	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	7,607	7,424	(D)	10,835*	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,383	(D)	(D)	(D)	(D)	2,258	14,554*	15,230*	16,538*	19,570*	24,683*	27,068*
Transportation and public utilities	33,445	37,248	41,639	45,902	49,522	53,448	296,393	317,548	342,948	369,727	405,657	423,397
Railroad transportation	1,282	1,515	1,403	1,318	1,227	765	(D)	(D)	(D)	13,489*	18,448	21,377*
Trucking and warehousing	11,379	11,298	11,664	11,468	12,299	15,041	121,195	128,515	135,090	151,946	169,298	175,905
Water transportation	608	633	532	517	726	775	(L)	(L)	(L)	(L)	0	0
Other transportation[8]	2,801	3,204	3,528	5,095	6,342	8,639	16,650*	21,072	28,840	33,517	39,404	43,650
Communication	12,258	14,373	17,107	18,245	18,833	19,032	(D)	(D)	(D)	103,955*	113,359	112,526*
Electric, gas, and sanitary services	5,117	6,225	7,405	9,259	10,095	9,196	46,721*	52,221	59,713	64,515	65,148	67,431
Wholesale trade	15,140	16,596	16,875	19,864	23,630	24,993	250,414	272,778	298,895	314,848	339,335	370,928
Retail trade	112,195	123,592	135,831	144,672	157,621	161,604	328,818	352,369	384,950	421,594	454,941	486,782
Finance, insurance, and real estate	36,826	43,282	52,893	64,897	64,995	57,747	228,398	253,961	297,374	339,114	353,185	376,495
Banking and credit agencies	14,498	17,080	21,360	25,304	25,237	25,715	56,320	62,148	69,172*	75,166*	76,326*	85,317
Other finance, insurance, and real estate[9]	22,328	26,202	31,533	39,593	39,758	32,032	172,078	191,813	222,509*	257,022*	269,804*	291,178
Services	180,692	210,646	242,724	278,020	293,854	333,667	617,519	687,766	769,258	848,366	941,861	1,023,948
Hotels and other lodging places	14,504	14,032	13,490	15,386	12,760	13,391	9,845*	12,364*	14,242*	13,881*	12,115*	12,620*
Personal services	7,764	10,223	11,489	11,594	13,526	15,091	36,841	43,532	49,142	49,090	55,694	62,650
Private households	3,984	4,103	4,191	4,291	4,628	4,950	5,315	5,313	5,283	5,280	5,578	5,852
Business services	22,807	28,946	36,815	44,740	56,514	70,060	94,747	111,205	132,875	154,025	180,065	193,463
Auto repair, services, and garages	9,134	11,546	12,423	12,118	11,737	12,591	39,472	39,347	42,986	47,179	49,712	50,229
Miscellaneous repair services	3,612	3,866	5,146	5,505	5,782	5,804	10,160	11,740	13,609	13,238	15,176	16,931
Amusement and recreation services	3,760	4,636	5,396	6,687	6,287	6,918	10,707	11,947	13,154	13,980	15,616	17,755
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,294*	1,858	2,106*	2,324*	2,863*	2,811*
Health services	43,771	51,775	59,711	71,144	80,039	89,450	269,118	299,281	326,611	362,424	395,130	428,657
Legal services	7,792	9,093	10,202	11,242	11,720	13,383	40,161	40,907	45,064	48,707	56,444	62,586
Educational services	1,053	1,075	996	1,228	1,362	1,513	20,577	22,135	22,603*	23,805	24,846*	26,018*
Social services	4,406	4,530	5,423	6,566	7,409	8,358	15,844*	16,924*	18,634*	22,384*	25,858	28,316
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,352	9,232	9,888	11,360	12,621	14,422	24,095	24,700	26,237	28,398	31,594	32,245
Miscellaneous services	49,217	57,089	66,996	75,578	68,771	77,032	37,885	44,988	53,559	61,169	68,678	80,510
Government and government enterprises	475,256	492,793	526,622	586,148	627,609	676,563	303,653	326,339	349,889	372,159	400,779	429,955
Federal, civilian	133,055	132,929	135,562	148,630	159,990	174,670	52,139	54,876	55,867	59,783	64,016	66,545
Military	266,019	275,600	296,016	331,940	351,111	370,671	8,344	9,671	11,264	12,290	12,744	13,276
State and local	76,182	84,264	95,044	105,578	116,508	131,222	243,170	261,792	282,758	300,086	324,019	350,134

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Fort Worth—Arlington, TX (PMSA)						Fresno, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**16,322,323**	**18,174,084**	**19,280,993**	**20,082,071**	**21,310,463**	**22,795,222**	**6,813,421**	**7,428,591**	**7,920,984**	**8,557,848**	**9,261,995**	**10,022,545**
Nonfarm personal income	16,293,483	18,143,416	19,247,101	20,049,786	21,274,380	22,756,394	6,341,628	6,782,875	7,237,861	7,829,016	8,497,100	9,297,795
Farm income[1]	28,840	30,668	33,892	32,285	36,083	38,828	471,793	645,716	683,123	728,832	764,895	724,750
Population (thousands)[2]	1,151.3	1,203.6	1,234.6	1,274.3	1,290.9	1,320.8	565.6	576.0	584.5	598.1	614.8	629.3
Per capita personal income (dollars)	**14,177**	**15,100**	**15,617**	**15,759**	**16,508**	**17,259**	**12,047**	**12,897**	**13,551**	**14,307**	**15,065**	**15,927**
Derivation of total personal income:												
Total earnings by place of work	11,265,336	12,417,021	12,910,687	13,562,833	14,465,062	15,289,104	4,869,152	5,329,771	5,686,444	6,249,534	6,717,047	7,197,202
Less: Personal contributions for social insurance[3]	606,710	705,977	741,477	782,331	856,119	934,500	259,535	289,620	313,904	346,192	387,551	437,987
Plus: Adjustment for residence	1,993,625	2,370,383	2,701,335	2,762,978	2,814,054	2,925,761	−89,859	−92,305	−95,651	−112,085	−112,345	−131,391
Equals: Net earnings by place of residence	12,652,251	14,081,427	14,870,545	15,543,480	16,422,997	17,280,365	4,519,758	4,947,846	5,276,889	5,791,257	6,217,151	6,627,824
Plus: Dividends, interest, and rent[4]	2,133,731	2,407,111	2,567,010	2,562,948	2,778,781	3,195,138	1,077,761	1,127,808	1,169,479	1,208,333	1,345,411	1,566,763
Plus: Transfer payments	1,536,341	1,685,546	1,843,438	1,975,643	2,108,685	2,319,719	1,215,902	1,352,937	1,474,616	1,558,258	1,699,433	1,827,958
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,134,109	10,066,522	10,371,201	10,886,064	11,574,631	12,196,677	3,577,940	3,813,720	4,058,283	4,470,460	4,784,015	5,198,442
Other labor income	965,639	1,009,721	1,071,371	1,137,320	1,245,846	1,330,124	353,123	358,516	383,338	420,538	458,347	507,490
Proprietors' income[5]	1,165,588	1,340,778	1,468,115	1,539,449	1,644,585	1,762,303	938,089	1,157,535	1,244,823	1,358,536	1,474,685	1,491,270
Farm	22,528	24,515	27,886	26,034	29,913	32,680	278,695	458,981	491,620	529,942	553,049	503,770
Nonfarm	1,143,060	1,316,263	1,440,229	1,513,415	1,614,672	1,729,623	659,394	698,554	753,203	828,594	921,636	987,500
Earnings by industry:												
Farm	28,840	30,668	33,892	32,285	36,083	38,828	471,793	645,716	683,123	728,832	764,895	724,750
Nonfarm	11,236,496	12,386,353	12,876,795	13,530,548	14,428,979	15,250,276	4,397,359	4,684,055	5,003,321	5,520,702	5,952,152	6,472,452
Private	9,929,016	10,936,888	11,324,013	11,893,663	12,674,708	13,378,405	3,580,016	3,768,320	4,013,658	4,454,739	4,796,559	5,214,924
Agricultural services, forestry, fisheries, and other[7]	41,718	46,901	45,961	52,382	54,297	58,225	203,113	220,283	207,854	254,085	263,440	291,391
Agricultural services	(D)	(D)	(D)	(D)	53,856	57,759	202,329	219,109	206,514	253,022	260,444	288,344
Forestry, fisheries, and other[7]	1,712*	1,746*	(D)	(D)	441	466	784	1,174	1,340	1,063	2,996	3,047
Mining	223,032	227,452	195,469	186,517	187,851	234,805	37,690	36,285	23,415	22,149	26,617	27,205
Coal mining	249	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	213,514*	214,475*	184,398*	175,437*	181,095*	227,995*	35,647	34,271	21,358	20,048	24,890	26,757
Metal mining	(L)	(L)	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	310	(D)
Nonmetallic minerals, except fuels	7,136*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,406	363
Construction	955,152	1,101,352	1,049,332	930,138	879,947	852,002	377,317	404,904	431,965	465,803	504,720	536,873
Manufacturing	2,877,135	3,206,568	3,291,479	3,552,086	3,858,394	3,976,169	492,571	486,699	493,077	543,169	592,515	633,890
Nondurable goods	682,639	712,121	749,661	774,374	864,265	895,581	259,020	249,827	255,663	298,151	319,254	354,084
Food and kindred products	180,944*	178,280*	187,627*	190,656*	197,778*	204,623*	167,183	162,374	166,397	201,986	216,673	242,955
Textile mill products	5,560*	5,508*	5,588*	4,326*	1,559*	1,294*	1,138	1,105	1,201	(D)	(D)	(D)
Apparel and other textile products	34,507*	34,490*	(D)	(D)	(D)	(D)	8,522	(D)	(D)	(D)	7,022	8,218
Paper and allied products	59,303*	57,905*	57,531*	59,820*	65,816*	61,867*	8,069	10,635	10,928	12,613	15,263	15,563
Printing and publishing	137,414	147,093	156,774	163,086	192,984	210,160	45,280	36,754	40,634	44,633	47,146	47,720
Chemicals and allied products	(D)	(D)	106,240*	114,163*	147,507*	161,846	22,201	21,551	17,761	17,071	18,719	21,892
Petroleum and coal products	22,215*	23,276	24,163	22,850	26,341	18,878	951	1,879	1,517	1,717	1,886	2,177
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	139,537	139,132*	148,595	153,277	162,199	154,505*	5,550	6,549	8,110	9,760	11,114	(D)
Leather and leather products	19,489*	20,538*	18,820*	19,558*	20,563*	21,476*	126	(D)	(D)	(D)	(D)	(D)
Durable goods	2,194,496	2,494,447	2,541,818	2,777,712	2,994,129	3,080,588	233,551	236,872	237,414	245,018	273,261	279,806
Lumber and wood products	79,183*	83,954*	73,457	61,731	56,087	43,904*	23,273	22,672	19,620	20,163	23,198	(D)
Furniture and fixtures	37,406	35,088	36,740*	33,842*	31,916*	41,990*	7,692	7,757	6,571	5,162	5,646	5,831
Primary metal industries	40,275*	37,589*	34,771*	32,199*	40,714*	35,115*	10,117	8,753	8,225	10,278	12,413	13,834
Fabricated metal products	172,184*	194,225*	172,295*	(D)	(D)	(D)	34,531	38,638	39,811	41,551	45,177	44,122
Machinery, except electrical	376,120	482,675	467,758	465,770	423,666	409,127	73,870	74,907	73,633	68,210	74,696	81,008
Electric and electronic equipment	109,228	139,874	147,258	169,602	194,249	205,004*	4,527	4,945	4,998	4,187	10,540	(D)
Transportation equip. excl. motor vehicles	894,576*	1,025,743*	1,200,285*	(D)	(D)	(D)	3,646	3,706	3,591	4,450	4,171	3,817
Motor vehicles and equipment	268,744*	275,052*	184,617*	170,691*	256,626*	222,529*	26,169	27,310	28,253	31,626	33,627	30,594
Stone, clay, and glass products	90,194	100,202	96,916	80,933	75,294	74,166	36,921	33,904	36,175	38,649	40,634	40,424
Instruments and related products	48,023*	41,833*	47,369*	52,354*	49,629*	56,868*	3,287	4,633	4,579	6,456	7,876	10,037
Miscellaneous manufacturing industries	68,813	75,410	68,981	63,329	64,127*	68,052	9,518	9,647	11,958	14,286	15,283	16,255
Transportation and public utilities	847,800	904,525	924,528	1,016,792	1,120,816	1,188,116	339,275	333,417	362,152	387,823	430,274	469,480
Railroad transportation	134,725	140,610	139,153	141,875	133,870	128,360	29,201	29,678	27,337	25,374	24,732	24,620
Trucking and warehousing	160,201	167,630	178,192	185,650	202,756	217,406	121,010	114,675	123,134	125,271	137,658	145,981
Water transportation	406	456	265	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	270,823*	311,255	314,889	(D)	496,361*	549,815*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	167,019*	170,063	166,003	172,809	172,590	178,686	86,496	82,815	82,481	97,102	108,169	121,149
Electric, gas, and sanitary services	111,392	114,511	126,026	116,645	112,695	112,431	79,828	83,014	95,106	99,196	105,076	112,601
Wholesale trade	773,512	845,619	898,471	969,259	1,030,550	1,177,793	327,892	346,831	365,655	409,035	414,919	455,414
Retail trade	1,419,307	1,494,542	1,535,717	1,552,661	1,608,859	1,705,277	528,638	545,318	586,399	632,027	712,800	774,883
Finance, insurance, and real estate	629,245	697,128	764,960	812,464	803,522	809,316	280,026	302,138	342,865	386,113	350,895	366,344
Banking and credit agencies	225,231*	251,840	275,498	271,260	260,385*	254,241*	110,169	119,121	134,153	139,614	116,926	119,469
Other finance, insurance, and real estate[9]	395,308*	445,288	489,462	541,204	532,370*	542,808*	169,857	183,017	208,712	246,499	233,969	246,875
Services	2,162,115	2,412,801	2,618,096	2,821,364	3,130,472	3,376,702	993,494	1,092,445	1,200,276	1,354,535	1,500,379	1,659,444
Hotels and other lodging places	66,347	75,337	79,708	68,521	86,669	86,329	20,731	21,056	19,688	23,054	23,208	21,494
Personal services	143,269	182,511	188,702	206,978	238,189	253,759	54,761	65,415	70,177	73,264	82,900	92,453
Private households	47,131	48,010	48,590	48,613	51,338	54,028	17,410	17,793	18,109	18,444	19,878	21,269
Business services	441,495	504,186	547,158	564,985	617,637	686,099	160,710	185,601	206,080	228,086	247,361	279,014
Auto repair, services, and garages	119,473	130,873	139,034	140,032	142,689	151,703	75,068	84,821	87,975	88,692	91,465	101,250
Miscellaneous repair services	40,870	40,693	46,558	43,261	48,957	54,412	36,886	34,544	35,993	42,813	53,631	59,729
Amusement and recreation services	71,688	82,269	98,275	117,429	123,727	133,725	14,204	16,596	18,575	19,175	22,225	24,617
Motion pictures	5,567	5,971	6,500	7,296	7,402	7,929	2,884	3,066	2,825	2,271	3,309	3,710
Health services	676,543	728,500	775,838	912,183	1,038,074	1,120,267	364,174	400,082	448,394	526,268	579,882	634,482
Legal services	122,211	149,083	170,034	192,422	220,449	239,219	66,156	76,106	86,178	100,338	114,354	125,196
Educational services	72,713	77,013	81,739	79,593	87,995	95,436	14,163	14,901	16,431	20,259	25,558	30,730
Social services	38,577	44,558	49,808	53,349	57,947	66,972	29,049	30,256	33,176	38,642	40,713	43,580
Museums, botanical, zoological gardens	5,107	5,780	6,343	6,780	7,095	7,298	376	430	521	579	588	717
Membership organizations	79,217	87,055	94,571	104,602	117,009	127,542	48,182	51,153	53,512	55,187	61,887	65,850
Miscellaneous services	231,907	250,962	285,238	275,320	285,295	291,984	88,740	90,625	102,642	117,463	133,420	155,353
Government and government enterprises	1,307,480	1,449,465	1,552,782	1,636,885	1,754,271	1,871,871	817,343	915,735	989,663	1,065,963	1,155,593	1,257,528
Federal, civilian	341,394	378,185	376,831	397,766	425,839	452,283	175,076	201,433	208,133	224,567	251,853	265,100
Military	119,761	124,863	136,105	144,610	146,033	152,749	11,163	13,195	14,529	15,089	15,631	15,839
State and local	846,325	946,417	1,039,846	1,094,509	1,182,399	1,266,839	631,104	701,107	767,001	826,307	888,109	976,589

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Gadsden, AL (MSA)						Gainesville, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,000,844**	**1,038,972**	**1,083,638**	**1,155,979**	**1,233,008**	**1,286,441**	**1,943,109**	**2,143,263**	**2,300,992**	**2,498,655**	**2,719,700**	**2,986,108**
Nonfarm personal income	993,532	1,032,578	1,075,116	1,149,453	1,222,825	1,274,809	1,918,404	2,122,469	2,274,809	2,473,978	2,694,191	2,956,625
Farm income[1]	7,312	6,394	8,522	6,526	10,183	11,632	24,705	20,794	26,183	24,677	25,509	29,483
Population (thousands)[2]	103.1	102.2	102.8	102.6	102.9	102.8	192.3	197.6	200.9	204.9	207.6	210.8
Per capita personal income (dollars)	**9,710**	**10,171**	**10,540**	**11,267**	**11,985**	**12,514**	**10,103**	**10,848**	**11,453**	**12,197**	**13,100**	**14,163**
Derivation of total personal income:												
Total earnings by place of work	711,657	728,015	747,322	820,989	875,800	888,418	1,469,996	1,627,092	1,741,617	1,888,387	2,054,885	2,214,473
Less: Personal contributions for social insurance[3]	44,745	48,166	46,942	50,867	56,815	60,250	60,876	70,012	76,138	78,739	89,502	99,855
Plus: Adjustment for residence	3,445	8,157	7,164	6,560	9,458	13,135	−45,618	−55,433	−62,878	−65,574	−80,522	−89,962
Equals: Net earnings by place of residence	670,357	688,006	707,544	776,682	828,443	841,303	1,363,502	1,501,647	1,602,601	1,744,074	1,884,861	2,024,656
Plus: Dividends, interest, and rent[5]	131,202	141,076	150,872	145,998	161,199	183,779	275,960	303,248	333,333	358,124	398,826	468,466
Plus: Transfer payments	199,285	209,890	225,222	233,299	243,366	261,359	303,647	338,368	365,058	396,457	436,013	492,986
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	578,280	596,071	604,194	665,191	704,516	709,501	1,234,002	1,373,149	1,454,029	1,575,712	1,711,758	1,839,199
Other labor income	69,282	68,326	69,646	76,979	81,528	82,026	102,398	109,124	118,292	126,786	138,493	150,772
Proprietors' income[6]	64,095	63,618	73,482	78,819	89,756	96,891	133,596	144,819	169,296	185,889	204,634	224,502
Farm	6,622	5,707	7,842	5,815	9,472	10,912	20,642	16,822	22,294	20,653	21,527	25,528
Nonfarm	57,473	57,911	65,640	73,004	80,284	85,979	112,954	127,997	147,002	165,236	183,107	198,974
Earnings by industry:												
Farm	7,312	6,394	8,522	6,526	10,183	11,632	24,705	20,794	26,183	24,677	25,509	29,483
Nonfarm	704,345	721,621	738,800	814,463	865,617	876,786	1,445,291	1,606,298	1,715,434	1,863,710	2,029,376	2,184,990
Private	627,629	635,486	645,582	717,691	765,674	772,014	890,406	974,229	1,053,753	1,151,511	1,261,909	1,350,316
Agricultural services, forestry, fisheries, and other[7]	1,808	1,936	2,071	2,446	2,200	2,495	6,033	6,955	6,886	8,397	10,896	10,645*
Agricultural services	1,636	1,840	2,083	2,432	2,217	2,521	4,746	(D)	6,209	7,683	10,164	10,170*
Forestry, fisheries, and other[7]	172	96	(L)	(L)	(L)	(L)	1,287	(D)	677	714	732	475
Mining	1,607	2,040	1,365	444	1,193	1,236	(D)	(D)	(D)	3,681	4,604	(D)
Coal mining	170	182	238	89	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	293	517	522	(D)	(D)	(D)	2,450	3,295	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	62	(D)	(D)	(D)	1,076	1,111	1,230	1,308	1,241
Construction	31,805	32,615	36,282	39,585	42,427	41,728	97,633	101,037	109,248	98,870	108,715	111,811
Manufacturing	314,508	308,834	293,910	329,114	346,687	330,077	113,028	113,253	117,762	127,929	134,861	140,744
Nondurable goods	(D)	185,691	173,947	196,427	194,916	173,025	22,021	23,780	26,567	29,752	32,173	34,463
Food and kindred products	19,254	(D)	(D)	24,032	26,622	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	(D)	0	(D)	0	0	0	0	0	(D)
Apparel and other textile products	14,338	14,927	14,211	13,737	(D)	13,380	(D)	(D)	(D)	(D)	(D)	3,206*
Paper and allied products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,382	2,515	2,795	3,078	3,240	3,482	8,777*	9,735*	11,082*	11,985*	13,518*	13,999*
Chemicals and allied products	0	0	0	(D)	(D)	(D)	2,924	3,136	3,635	(D)	5,300	6,227
Petroleum and coal products	394	513	597	702	591	520	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	(D)	123,143	119,963	132,687	151,771	157,052	91,007	89,473	91,195	98,177	102,688	106,281
Lumber and wood products	1,691	1,923	2,951	3,405	4,222	5,005	6,901	7,133	6,571	6,475	6,949	9,125
Furniture and fixtures	1,225	877	733	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0	(D)
Fabricated metal products	16,013	17,998	23,857	25,538	24,274	25,525	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	10,531	10,001	9,926	10,761	13,282	16,040	9,029*	8,599*	8,507*	13,606*	14,121*	16,005
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	11,589*	12,047*	12,455*	(D)	11,377*	11,250*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,731	5,571	6,767	6,307	7,338	7,401	2,014*	2,133*	2,133*	2,361*	2,692*	2,834*
Instruments and related products	(D)	(D)	(D)	0	0	0	895	1,091	1,086	1,088	1,315	1,322
Miscellaneous manufacturing industries	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,577
Transportation and public utilities	49,573	49,517	51,786	55,241	56,167	56,648	47,888	52,270	52,614	57,051	59,065	60,802
Railroad transportation	5,735	5,572	4,892	4,205	4,986	5,572	4,171	3,829	3,187	2,602	2,626	2,536
Trucking and warehousing	24,529	24,302	26,397	28,951	28,815	27,446	8,224	8,904	9,091	12,723	14,862	15,781
Water transportation	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	0	0
Other transportation[8]	(D)	(D)	1,095	1,228	1,355	1,976	(D)	(D)	(D)	(D)	4,089	4,373
Communication	9,778	9,142	9,347	10,314	10,237	10,710	26,014*	28,397	26,957	29,234	29,130	30,321
Electric, gas, and sanitary services	8,770	9,739	10,055	10,543	10,774	10,944	5,463	7,340	9,476	8,635	8,358	7,791
Wholesale trade	19,869	22,175	23,229	26,371	29,588	32,997	43,954	49,815	49,148	47,734	54,483	61,337
Retail trade	68,522	70,600	72,717	76,294	80,983	84,238	168,168	179,444	193,280	210,220	225,044	231,750
Finance, insurance, and real estate	23,716	24,924	27,134	31,205	30,356	30,509	54,688	71,037	80,278	91,417	92,203	94,368
Banking and credit agencies	10,223	10,496	11,296	11,745	11,974	12,653	18,345*	19,367*	21,652*	22,224*	23,655*	25,283*
Other finance, insurance, and real estate[9]	13,493	14,428	15,838	19,460	18,382	17,856	34,591*	49,706*	56,479*	66,536*	65,500*	65,804*
Services	116,221	122,845	137,088	156,991	176,073	192,086	343,413*	381,859*	426,467*	506,212	572,038	633,892
Hotels and other lodging places	1,433	1,532	1,367	2,094	2,458	2,563	8,694	9,641	10,596	11,508	11,808	12,335
Personal services	4,372	5,169	5,725	6,579	7,728	8,513	11,077	14,236	14,816	17,058	19,353	21,280
Private households	5,577	5,614	5,612	5,625	5,950	6,233	7,267	7,479	7,641	7,825	8,438	9,022
Business services	6,437	6,531	8,486	10,690	12,417	13,395	36,126	42,516	51,541	57,711	65,935	75,709
Auto repair, services, and garages	5,033	5,490	5,795	6,006	6,247	6,757	11,312	13,609	15,313	15,573	17,237	18,458
Miscellaneous repair services	1,151	1,224	1,426	1,349	1,582	1,806	5,330	5,159	4,813	4,990	5,408	5,505
Amusement and recreation services	836	980	1,094	(D)	(D)	(D)	3,755*	4,766	11,684	11,135	11,391	12,196
Motion pictures	237	229	206	(D)	(D)	(D)	944*	1,006*	1,234*	1,247*	1,022*	996*
Health services	60,684	65,245	71,038	81,791	92,510	101,931	166,314	180,718	191,093	225,802	255,023	284,657
Legal services	5,620	6,413	6,758	8,355	9,538	9,935	19,400	22,235	23,089	27,667	31,689	33,368
Educational services	1,510	1,559	1,492	1,636	1,730	1,899	4,430	4,538	4,710	5,287*	4,622*	5,422*
Social services	1,596	2,072	2,083	2,269	2,570	2,764	8,865	9,700	11,554	14,375	15,918	17,679
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	5,227	5,142	5,601	5,714	6,260	6,481	17,432	17,215	13,891	15,623	17,512	18,584
Miscellaneous services	16,508	15,645	20,405	23,307	25,122	27,869	53,741	61,942	79,110	90,345	106,607	118,589
Government and government enterprises	76,716	86,135	93,218	96,772	99,943	104,772	554,885	632,069	661,681	712,199	767,467	834,674
Federal, civilian	8,547	9,103	9,296	9,718	10,674	11,060	68,776	73,046	77,705	82,925	94,761	101,436
Military	4,713	5,363	5,899	6,510	6,768	6,944	5,722	6,281	6,213	6,763	7,008	7,746
State and local	63,456	71,669	78,023	80,544	82,501	86,768	480,387	552,742	577,763	622,511	665,698	725,492

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Galveston—Texas City, TX (PMSA)						Gary—Hammond, IN (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,842,683**	**2,957,794**	**2,994,686**	**3,040,736**	**3,272,785**	**3,544,671**	**7,264,347**	**7,507,240**	**7,736,414**	**8,159,019**	**8,771,863**	**9,379,601**
Nonfarm personal income	2,841,853	2,956,090	2,993,410	3,039,767	3,271,124	3,543,554	7,237,875	7,485,959	7,715,488	8,132,922	8,758,886	9,359,435
Farm income[1]	830	1,704	1,276	969	1,661	1,117	26,472	21,281	20,926	26,097	12,977	20,166
Population (thousands)[2]	212.9	213.8	212.0	209.3	210.0	208.6	626.7	619.8	612.0	609.3	612.2	611.3
Per capita personal income (dollars)	**13,353**	**13,833**	**14,126**	**14,531**	**15,587**	**16,995**	**11,592**	**12,113**	**12,642**	**13,391**	**14,328**	**15,344**
Derivation of total personal income:												
Total earnings by place of work	1,691,893	1,712,947	1,752,472	1,801,973	1,920,241	2,071,574	5,345,508	5,464,743	5,378,134	5,760,842	6,349,277	6,836,569
Less: Personal contributions for social insurance[3]	87,890	93,753	97,711	101,551	110,285	123,365	296,242	320,701	319,273	333,319	383,779	428,758
Plus: Adjustment for residence	541,303	576,495	537,233	516,693	585,026	610,308	80,625	137,781	334,245	338,483	284,413	200,622
Equals: Net earnings by place of residence	2,145,306	2,195,689	2,191,994	2,217,115	2,394,982	2,558,517	5,129,891	5,281,823	5,393,106	5,766,006	6,249,911	6,608,433
Plus: Dividends, interest, and rent[5]	370,665	408,112	414,625	411,555	446,818	512,130	1,028,210	1,080,107	1,107,409	1,102,956	1,173,180	1,341,938
Plus: Transfer payments	326,712	353,993	388,067	412,066	430,985	474,024	1,106,246	1,145,310	1,235,899	1,290,057	1,348,772	1,429,230
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,388,006	1,395,943	1,411,203	1,461,172	1,544,321	1,670,488	4,382,126	4,505,256	4,412,412	4,726,182	5,226,078	5,604,059
Other labor income	171,673	165,327	172,117	174,536	185,315	201,968	606,246	582,835	564,235	583,645	637,717	692,535
Proprietors' income[6]	132,214	151,677	169,152	166,265	190,605	199,118	357,136	376,652	401,487	451,015	485,482	539,975
Farm	439	1,337	933	636	1,350	834	22,773	17,654	17,371	22,413	9,342	16,541
Nonfarm	131,775	150,340	168,219	165,629	189,255	198,284	334,363	358,998	384,116	428,602	476,140	523,434
Earnings by industry:												
Farm	830	1,704	1,276	969	1,661	1,117	26,472	21,281	20,926	26,097	12,977	20,166
Nonfarm	1,691,063	1,711,243	1,751,196	1,801,004	1,918,580	2,070,457	5,319,036	5,443,462	5,357,208	5,734,745	6,336,300	6,816,403
Private	1,276,210	1,281,436	1,302,955	1,322,795	1,419,628	1,533,369	4,800,044	4,885,533	4,786,860	5,121,091	5,665,692	6,104,133
Agricultural services, forestry, fisheries, and other[7]	4,351	6,078	7,163	6,430	7,480	7,720	10,371	11,633	11,208	14,333	16,212	17,470
Agricultural services	3,555	3,259	2,805	3,980	4,490	(D)	10,197	11,229	10,580	13,965	15,745	17,004
Forestry, fisheries, and other[7]	796	2,819	4,358	2,450	2,990	(D)	174	404	628	368	467	466
Mining	32,639	28,160	21,386	18,658	20,541	24,594	8,037	11,141	4,682	4,621	7,285	7,760
Coal mining	0	0	0	0	0	0	55	56	61	(L)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,797	5,171
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,205*	1,282*	1,292*
Construction	128,267	101,318	128,302	142,043	163,553	195,255	353,993	434,329	382,327	416,591	524,570	562,866
Manufacturing	410,273	429,574	423,594	406,059	443,804	454,442	2,335,101	2,239,755	2,065,032	2,113,344	2,316,262	2,511,659
Nondurable goods	357,663	365,639	369,116	364,098	400,126	398,178	331,709	341,124	333,855	343,307	358,046	369,066
Food and kindred products	11,718	11,591	(D)	(D)	8,469	8,904	52,284	57,376	55,299	50,956*	54,795*	57,040*
Textile mill products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	156	212	480	15,839*	15,166	12,905	12,758	13,093	12,867
Paper and allied products	0	0	0	0	0	0	20,372	18,120	19,222	19,095	17,867	17,064
Printing and publishing	7,062	7,123	6,831	6,902	6,936	7,707	29,621	31,515	33,012	34,143	35,923	37,889
Chemicals and allied products	174,238	178,363	178,079	175,924	215,686	211,472	70,422*	71,211*	73,679*	77,849	79,826	84,149
Petroleum and coal products	162,600	164,692	168,951	168,211	167,213	167,939	123,062*	125,932*	117,958*	122,774*	127,675*	129,712*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	52,610	63,935	54,478	41,961	43,678	56,264	2,003,392	1,898,631	1,731,177	1,770,037	1,958,216	2,142,593
Lumber and wood products	1,383	1,187	434	318	(D)	(D)	1,248*	(D)	(D)	(D)	(D)	4,588*
Furniture and fixtures	0	0	(D)	0	0	(D)	915	1,503	1,478	1,760*	1,828	1,782
Primary metal industries	5,714	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	10,182	10,299	8,372	7,393	8,292	12,131	70,199	73,769	69,042	77,763	89,076	93,164
Machinery, except electrical	5,849	7,100	7,116	5,968	7,982	8,496	91,268	91,341	82,928	81,184	90,880	100,625
Electric and electronic equipment	1,682	2,032	(D)	(D)	(D)	(D)	(D)	11,824	(D)	(D)	(D)	14,358
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	17,552	19,252*	(D)	12,923*	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,828	5,945	4,676	4,323	3,491	8,219	42,226	42,077	42,331	48,448	54,273	(D)
Instruments and related products	(D)	1,304	764	1,205	1,630	1,944	4,533*	4,519*	4,415*	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,454	1,511	420	529	533	1,073	9,013*	8,108	8,072*	8,490*	10,330	10,883
Transportation and public utilities	139,301	139,835	127,505	126,686	134,719	143,699	399,897	424,363	442,679	475,459	502,735	536,110
Railroad transportation	8,140	9,407	7,789	6,473	6,939	7,702	45,319	43,503	42,796	41,098	45,089	50,402
Trucking and warehousing	22,108	19,606	15,839	18,064	19,816	21,203	103,498	119,860	138,035	164,389	194,870	217,710
Water transportation	39,991	33,980	29,753	27,391	28,787	31,751	2,744	2,864*	1,939	1,255	1,216	(D)
Other transportation[8]	17,246	18,534	16,644	18,203	22,384	24,637	(D)	(D)	(D)	(D)	(D)	(D)
Communication	32,352	33,307	30,388	30,829	29,627	29,024	(D)	(D)	(D)	(D)	42,223	43,349
Electric, gas, and sanitary services	19,464	25,001	27,092	25,726	27,166	29,382	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	37,365	38,075	36,859	37,448	38,516	43,874	183,290	189,719	202,469	220,717	255,131	295,185
Retail trade	166,901	170,646	169,340	168,319	172,882	175,960	465,816	470,711	486,432	506,386	549,807	588,395
Finance, insurance, and real estate	94,696	94,759	97,799	105,037	106,942	119,183	151,153	143,862	153,374	187,591	182,129	181,046
Banking and credit agencies	32,539	31,912	30,933	29,240	29,849	27,822	74,264	76,084	(D)	(D)	(D)	91,817
Other finance, insurance, and real estate[9]	62,157	62,847	66,866	75,797	77,093	91,361	76,889	67,778	(D)	(D)	(D)	89,229
Services	262,417	272,991	291,007	312,115	331,191	368,642	892,386	960,020	1,038,657	1,182,049	1,311,561	1,403,642
Hotels and other lodging places	14,739	16,027	19,358	20,353	20,677	27,280	(D)	(D)	(D)	(D)	14,680	16,171
Personal services	16,417	19,376	21,070	21,714	24,806	30,425	(D)	(D)	(D)	(D)	(D)	(D)
Private households	10,193	10,386	10,510	10,515	11,107	11,693	6,118	6,122	6,086	6,086	(D)	(D)
Business services	45,222	45,425	42,718	46,939	44,396	50,164	97,344	121,240	137,751	179,438	216,375	221,899
Auto repair, services, and garages	10,669	11,353	11,793	12,880	13,467	14,368	41,682	47,699	52,724	55,876	61,866	69,011
Miscellaneous repair services	10,785	9,304	9,785	9,031	8,827	8,885	24,310	24,949	29,855	29,333	33,285	36,417
Amusement and recreation services	4,130	5,279	6,299	6,014	6,252	6,784	12,515	13,832	14,917	16,217	18,944	21,394
Motion pictures	(D)	(D)	(D)	(D)	738	862	1,878	1,808	2,040	2,012	2,068	(D)
Health services	92,060	98,097	100,569	107,496	114,968	124,493	474,169	482,308	513,511	583,671	621,783	659,418
Legal services	17,563	17,076	21,871	26,809	26,480	29,268	49,459	54,877	59,736	62,532	70,618	75,720
Educational services	5,591	5,925	6,169	6,812	7,215	7,678	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,751	4,907	4,915	5,513	7,117	7,474	16,801	19,544	21,007	23,589	25,816	29,268
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	1,200	1,360	(D)	(D)	(D)	(D)	(D)	0
Membership organizations	14,073	14,828	15,339	16,508	18,698	19,285	43,662	43,265	43,535	47,430	51,611	54,068
Miscellaneous services	14,603	13,511	19,124	19,815	25,243	28,623	38,508	46,346	53,287	64,322	79,495	90,670
Government and government enterprises	414,853	429,807	448,241	478,209	498,952	537,088	518,992	557,929	570,348	613,654	670,608	712,270
Federal, civilian	26,362	27,964	27,555	28,473	31,276	32,996	51,636	55,524	56,582	60,653	66,064	68,560
Military	10,642	11,082	11,526	13,283	13,640	14,009	14,491	16,494	19,258	19,806	20,614	21,133
State and local	377,849	390,761	409,160	436,453	454,036	490,083	452,865	485,911	494,508	533,195	583,930	622,577

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Glens Falls, NY (MSA)						Grand Forks, ND (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,172,685**	**1,254,166**	**1,349,211**	**1,472,485**	**1,619,277**	**1,748,447**	**752,377**	**790,900**	**832,070**	**880,857**	**884,823**	**955,707**
Nonfarm personal income	1,156,571	1,237,733	1,329,019	1,452,346	1,600,884	1,723,359	722,601	765,721	797,230	841,202	867,116	919,533
Farm income[1]	16,114	16,433	20,192	20,139	18,393	25,088	29,776	25,179	34,840	39,655	17,707	36,174
Population (thousands)[2]	110.7	111.6	112.4	114.2	116.1	117.6	69.1	69.3	69.7	69.9	70.5	70.7
Per capita personal income (dollars)	**10,596**	**11,243**	**12,006**	**12,895**	**13,941**	**14,865**	**10,888**	**11,412**	**11,941**	**12,598**	**12,557**	**13,521**
Derivation of total personal income:												
Total earnings by place of work	817,366	865,419	953,950	1,060,885	1,174,843	1,218,903	606,332	632,520	672,371	718,248	725,043	776,620
Less: Personal contributions for social insurance[3]	51,321	56,746	65,020	72,174	83,580	88,873	33,873	37,292	41,855	44,943	49,372	53,457
Plus: Adjustment for residence	−48,806	−34,271	−48,470	−62,269	−75,050	−56,073	−33,188	−34,266	−39,113	−40,304	−39,763	−40,845
Equals: Net earnings by place of residence	717,239	774,402	840,460	926,442	1,016,213	1,073,957	539,271	560,962	591,403	633,001	635,908	682,318
Plus: Dividends, interest, and rent[5]	214,392	229,272	245,095	268,333	305,002	349,246	118,863	124,032	126,441	122,774	121,694	134,975
Plus: Transfer payments	241,054	250,492	263,656	277,710	298,062	325,244	94,243	105,906	114,226	125,082	127,221	138,414
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	662,934	702,292	773,707	859,663	955,643	986,055	501,920	529,459	555,960	590,069	612,550	639,946
Other labor income	64,265	64,719	70,544	75,270	82,127	84,915	33,557	34,641	36,384	38,232	40,206	43,261
Proprietors' income[6]	90,167	98,408	109,699	125,952	137,073	147,933	70,855	68,420	80,027	89,947	72,287	93,413
Farm	9,588	9,937	13,737	13,331	11,555	18,113	25,217	20,557	30,196	34,675	12,636	30,922
Nonfarm	80,579	88,471	95,962	112,621	125,518	129,820	45,638	47,863	49,831	55,272	59,651	62,491
Earnings by industry:												
Farm	16,114	16,433	20,192	20,139	18,393	25,088	29,776	25,179	34,840	39,655	17,707	36,174
Nonfarm	801,252	848,986	933,758	1,040,746	1,156,450	1,193,815	576,556	607,341	637,531	678,593	707,336	740,446
Private	667,443	702,132	774,931	868,265	967,807	985,743	344,734	360,448	381,965	413,713	429,695	447,477
Agricultural services, forestry, fisheries, and other[7]	3,070	2,634	2,494	3,554	3,842	4,317	1,813	1,906	2,529	3,503	4,134	4,036
Agricultural services	2,535	2,230	2,297	3,309	3,550	4,049	1,803	1,884	2,542	3,500	4,157	4,080
Forestry, fisheries, and other[7]	535	404	197	245	292	268	(L)	(L)	(L)	(L)	(L)	(L)
Mining	5,519	5,884	4,790	5,402	6,781	6,776	1,390	1,321	1,065	1,994	2,198	2,509
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0
Oil and gas extraction	(D)	3,195	(D)	(D)	(D)	(D)	(D)	736	(D)	326	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	2,675	(D)	(D)	(D)	(D)	780	597	(D)	1,657	(D)	(D)
Construction	46,258	52,869	65,222	76,655	83,602	86,652	31,568	35,064	40,942	44,091	36,897	37,907
Manufacturing	247,009	244,187	252,983	271,535	284,961	301,296	23,337	26,937	29,223	31,735	32,861	32,202
Nondurable goods	110,409	114,022	121,026	126,195	132,137	130,108	18,939	21,984	22,898	25,204	24,166	21,921
Food and kindred products	3,258*	(D)	2,342	2,457	2,611	(D)	11,945	14,208	15,021	17,486	16,159	13,961
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	245	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Printing and publishing	5,050	5,641	6,194	7,258	8,100	8,844	5,196	6,034	(D)	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,515	3,510	2,639	1,221	1,523	1,849	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	136,600	130,165	131,957	145,340	152,824	171,188	4,398	4,953	6,325	6,531	8,695	10,281
Lumber and wood products	12,254	13,461	15,377	18,714	20,106	20,850	661	595	978	962	1,060	875
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	1,509*	1,820*	1,985	2,204	(D)	4,198	0	0	0	(D)	(D)	1,175
Machinery, except electrical	19,030	20,005	20,730	23,758	26,491	31,773	760	792	886	749	847	942
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	(D)	(D)	(D)	(D)	0	0	0
Stone, clay, and glass products	(D)	(D)	13,524	14,582	15,376	17,493	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	45,750	46,456	55,121	(D)	0	(D)	(D)	0	0
Miscellaneous manufacturing industries	1,241	(D)	1,373*	1,474*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	40,634	42,916	42,944	45,327	52,769	54,926	46,264	45,092	47,128	48,056	50,413	52,014
Railroad transportation	2,843	2,769	2,137	2,150	2,119	2,183	13,882	12,238	12,459	12,810	13,378	14,121
Trucking and warehousing	11,795	12,106	12,380	13,585	15,089	16,386	9,640	8,798	8,986	11,109	11,380	10,787
Water transportation	1,034*	1,287*	1,789*	2,215*	2,703*	2,909*	0	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,999	(D)	(D)	(D)	(D)	(D)
Communication	13,645	14,267	12,627*	12,897*	15,681	13,834*	6,580	6,136	6,903	6,601	6,296	7,004
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	13,163	13,787	14,296	13,428	13,734	14,063
Wholesale trade	36,984	40,092	41,872	47,848	59,125	59,357	38,992	39,960	41,172	46,162	48,244	51,320
Retail trade	94,510	101,673	115,336	127,257	144,118	151,583	69,958	71,121	71,494	75,550	80,324	85,468
Finance, insurance, and real estate	32,462	35,236	44,144	57,413	66,985	40,748	19,447	20,693	22,914	26,953	26,379	26,913
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	9,839	10,032	11,192	12,277	12,539	13,143
Other finance, insurance, and real estate[9]	20,932*	22,783*	30,478*	39,485*	49,025*	22,708*	9,608	10,661	11,722	14,676	13,840	13,770
Services	160,997	176,641	205,146	233,274	265,624	280,088	111,965	118,354	125,498	135,669	148,245	155,108
Hotels and other lodging places	11,276	11,472	22,774	26,555	30,083	23,793	4,949	4,785	4,636	4,841	5,200	5,749
Personal services	5,559	7,842	9,428	10,142	13,096	15,167	6,288	7,930	8,516	9,052	10,035	11,231
Private households	3,219	3,223	3,211	3,200	3,373	3,523	811	808	801	786	819	845
Business services	14,468	16,730	21,568	24,140	25,869	29,209	9,136	10,834	10,482	11,831	13,949	15,180
Auto repair, services, and garages	5,779	7,208	7,713	8,719	9,806	10,587	3,994	4,559	5,080	4,878	4,924	5,033
Miscellaneous repair services	3,651	3,253	4,022	4,025	5,190	5,911	2,354	1,857	2,165	2,158	2,447	2,587
Amusement and recreation services	8,434	9,053	10,170	12,233	12,417	13,812	1,050	1,148	1,322	1,219	1,570	1,649
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	71,067	77,083	81,498	94,090	108,529	116,690	58,385	59,761	64,307	71,216	75,435	77,482
Legal services	9,690	10,447	11,724	12,914	14,282	16,002	4,828	5,129	5,619	5,829	6,393	6,759
Educational services	2,281	2,554	2,890	3,115	3,318	3,340	(D)	(D)	(D)	(D)	(D)	(D)
Social services	(D)	(D)	(D)	(D)	(D)	(D)	3,504	3,814	4,132	5,343	6,496	6,586
Museums, botanical, zoological gardens	135	138	180	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	6,748	7,061	7,652	8,948	10,079	10,708	4,933	5,235	5,102	5,708	6,459	6,203
Miscellaneous services	14,103	15,365	16,291	18,647	22,343	22,972	10,511	11,156	11,999	11,534	13,192	14,367
Government and government enterprises	133,809	146,854	158,827	172,481	188,643	208,072	231,822	246,893	255,566	264,880	277,641	292,969
Federal, civilian	11,727	12,494	12,347	12,273	12,714	12,923	23,823	26,803	29,072	31,957	32,922	34,578
Military	1,272	1,526	1,673	1,814	1,863	1,893	103,019	106,275	107,063	110,157	115,156	118,990
State and local	120,810	132,834	144,807	158,394	174,066	193,256	104,980	113,815	119,431	122,766	129,563	139,401

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Grand Rapids, MI (MSA)						Great Falls, MT (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,062,478**	**8,704,951**	**9,406,377**	**10,131,474**	**11,064,814**	**11,982,782**	**986,505**	**994,285**	**1,037,664**	**1,090,106**	**1,155,490**	**1,245,391**
Nonfarm personal income	8,012,164	8,645,494	9,344,732	10,061,538	11,001,415	11,896,563	975,949	991,764	1,023,601	1,076,081	1,144,448	1,221,710
Farm income[1]	50,314	59,457	61,645	69,936	63,399	86,219	10,556	2,521	14,063	14,025	11,042	23,681
Population (thousands)[2]	624.0	634.3	640.9	652.1	665.2	674.5	81.4	80.8	78.6	78.3	78.2	78.0
Per capita personal income (dollars)	**12,921**	**13,725**	**14,678**	**15,537**	**16,634**	**17,766**	**12,118**	**12,308**	**13,200**	**13,923**	**14,778**	**15,962**
Derivation of total personal income:												
Total earnings by place of work	6,572,599	7,150,675	7,648,671	8,286,588	9,199,396	9,831,348	683,027	675,681	701,165	732,006	780,333	824,813
Less: Personal contributions for social insurance[3]	422,903	485,601	505,714	571,586	658,276	725,362	43,718	45,957	49,735	50,974	56,813	61,581
Plus: Adjustment for residence	−361,654	−397,460	−343,951	−382,356	−464,677	−461,510	14,913	15,300	13,442	15,253	15,216	16,749
Equals: Net earnings by place of residence	5,788,042	6,267,614	6,799,006	7,332,646	8,076,443	8,644,476	654,222	645,024	664,872	696,285	738,736	779,981
Plus: Dividends, interest, and rent[5]	1,294,158	1,389,174	1,475,493	1,580,043	1,709,087	1,955,540	166,282	176,104	180,056	189,006	202,918	238,090
Plus: Transfer payments	980,278	1,048,163	1,131,878	1,218,785	1,279,284	1,382,766	166,001	173,157	192,736	204,815	213,836	227,320
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,440,938	5,945,543	6,318,228	6,834,539	7,621,216	8,121,141	549,581	545,711	550,895	568,547	606,072	627,502
Other labor income	575,857	601,454	637,995	670,736	732,853	794,224	41,862	40,659	40,402	42,172	44,438	46,084
Proprietors' income[6]	555,804	603,678	692,448	781,313	845,327	915,983	91,584	89,311	109,868	121,287	129,823	151,227
Farm	24,358	33,322	35,606	42,177	35,408	57,358	6,064	−1,808	9,989	9,871	7,072	19,876
Nonfarm	531,446	570,356	656,842	739,136	809,919	858,625	85,520	91,119	99,879	111,416	122,751	131,351
Earnings by industry:												
Farm	50,314	59,457	61,645	69,936	63,399	86,219	10,556	2,521	14,063	14,025	11,042	23,681
Nonfarm	6,522,285	7,091,218	7,587,026	8,216,652	9,135,997	9,745,129	672,471	673,160	687,102	717,981	769,291	801,132
Private	5,969,800	6,502,100	6,942,225	7,519,338	8,361,593	8,923,868	499,139	493,415	504,705	526,832	567,838	582,260
Agricultural services, forestry, fisheries, and other[7]	21,955	24,626	24,654	31,793	36,061	39,640	2,423	2,246	2,093	3,454	3,398	3,671
Agricultural services	19,755	(D)	(D)	(D)	(D)	(D)	2,340	2,166	2,012	3,338	3,263	3,539
Forestry, fisheries, and other[7]	2,200	(D)	(D)	(D)	(D)	(D)	83	80	81	116	135	132
Mining	24,411	29,766	19,208	19,373	25,429	22,920	2,133	2,517	1,167	990	1,456	1,336
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(L)	(L)
Oil and gas extraction	(D)	26,437	(D)	15,325	21,611	18,955	1,908	2,401	997	848	1,167	1,151
Metal mining	(D)	(D)	98	0	0	0	(D)	(L)	(L)	(D)	(D)	57
Nonmetallic minerals, except fuels	(D)	(D)	(D)	4,040	3,809	3,956	(D)	86	(D)	59	(D)	108
Construction	340,559	388,171	491,332	538,588	624,369	663,922	47,291	44,976	47,724	45,628	51,805	47,320
Manufacturing	2,583,910	2,825,942	2,854,599	2,988,642	3,314,602	3,463,872	27,360	27,157	29,957	25,689	26,084	26,083
Nondurable goods	684,773	732,136	746,907	823,677	906,833	992,998	23,624	23,616	26,473	24,094	23,990	23,643
Food and kindred products	157,732	167,893	171,687	187,890	196,492	217,275	13,398	11,076	12,087	9,661	9,961	9,305
Textile mill products	5,134*	5,458*	6,036	6,441*	6,687*	3,420*	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	42,264	43,711	46,650	48,923	56,862	65,220	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	88,103	99,810	109,153	110,406	126,908	124,646	5,805	6,096	6,538	6,818	7,569	7,109
Chemicals and allied products	(D)	133,819	142,363	163,591	187,156	210,187	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	(D)	(D)	106	129	1,875	3,175	3,865	3,722	(D)	3,237
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	104,301	116,011	109,036	136,141	143,763	174,740	(D)	283	262	273	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(L)	(L)	0
Durable goods	1,899,137	2,093,806	2,107,692	2,164,965	2,407,769	2,470,874	3,736	3,541	3,484	1,595	2,094	2,440
Lumber and wood products	27,406	(D)	33,243	40,437	45,501	41,860	228	213	215	550	762	854
Furniture and fixtures	523,074	595,279	561,124	619,564	684,336	699,041	313	(D)	(D)	0	0	0
Primary metal industries	96,806	92,212	89,995	98,811	112,501	124,968	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	436,582	470,610	476,430	464,284	528,500	536,990	202	95	0	0	0	0
Machinery, except electrical	399,945	459,126	479,256	425,060	480,487	478,043	(D)	433	122	152	167	(D)
Electric and electronic equipment	95,026	100,423	110,044	106,643	109,150	119,708	0	0	0	0	0	0
Transportation equip. excl. motor vehicles	46,538	48,663	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	70,876	78,469	99,834	140,826	154,710	144,784	0	0	0	0	0	0
Stone, clay, and glass products	44,657	(D)	(D)	78,068	96,870	(D)	1,949	2,090	2,614	673	904	1,043
Instruments and related products	133,308	140,691	138,889	135,654	133,485	158,086	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	24,919	21,147	13,220	(D)	(D)	19,315	251	(D)	(D)	201	231	282
Transportation and public utilities	338,159	341,979	325,859	346,384	368,939	386,286	51,697	49,660	52,316	54,027	58,583	56,497
Railroad transportation	29,434	25,447	21,771	18,744	21,618	(D)	9,192	8,284	7,953	(D)	7,099	6,544
Trucking and warehousing	162,210	156,740	133,129	145,108	159,333	160,306	17,772	16,889	17,516	18,222	19,231	17,887
Water transportation	1,211	1,726	1,697	1,467	2,084	1,291	0	0	0	(D)	0	0
Other transportation[8]	19,717	22,787	25,843	28,494	(D)	38,887	7,100	7,143	8,553	10,297	8,506	7,855
Communication	69,232	76,971	82,553	83,292	85,935	91,822	9,450	8,264	8,707	8,528	14,196	14,820
Electric, gas, and sanitary services	56,355	58,308	60,866	69,279	(D)	(D)	8,183	9,080	9,587	9,195	9,551	9,391
Wholesale trade	506,102	554,182	627,721	709,269	799,672	847,184	63,428	56,897	52,139	54,961	58,031	60,166
Retail trade	704,103	736,145	811,629	858,180	952,929	1,019,819	95,767	91,878	88,223	89,977	100,231	105,737
Finance, insurance, and real estate	241,157	278,615	319,985	391,972	397,890	422,067	48,185	47,073	48,529	53,212	44,998	44,049
Banking and credit agencies	90,003	102,985	112,473	116,925	121,776	129,989	14,741	14,803	13,936	14,223	12,800	12,896
Other finance, insurance, and real estate[9]	151,154	175,630	207,512	275,047	276,114	292,078	33,444	32,270	34,593	38,989	32,198	31,153
Services	1,209,444	1,322,674	1,467,238	1,635,137	1,841,702	2,058,158	160,855	171,011	182,557	198,894	223,252	237,401
Hotels and other lodging places	28,201	30,345	31,584	40,490	41,107	40,075	5,140	5,114	5,040	5,532	5,893	6,918
Personal services	55,373	68,313	74,255	81,959	96,538	107,510	7,143	8,595	9,248	10,086	11,140	12,833
Private households	10,569	10,595	10,588	10,608	11,184	11,706	(D)	(D)	2,285	2,238	2,349	2,453
Business services	162,230	195,115	217,100	257,116	289,035	331,755	22,701	23,206	22,145	24,372	26,390	28,554
Auto repair, services, and garages	62,191	69,978	75,198	74,842	77,653	92,923	7,906	8,739	8,834	8,360	8,517	9,222
Miscellaneous repair services	22,427	22,754	25,207	27,722	35,477	39,804	2,466	2,374	2,655	2,845	3,219	3,588
Amusement and recreation services	18,203	20,708	23,460	23,997	26,196	28,333	2,286	2,289	2,699	3,318	3,658	3,855
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	734	713	(D)	(D)
Health services	413,450	435,282	483,580	539,551	604,967	667,302	69,101	74,087	78,623	87,293	99,327	102,808
Legal services	96,466	112,172	127,203	138,267	159,742	178,307	14,909	16,973	19,800	23,434	27,172	28,807
Educational services	64,399	71,075	77,760	85,519	99,114	105,290	4,254	4,164	4,292	4,542	4,988	5,303
Social services	38,809	42,853	48,953	54,579	64,142	76,937	4,285	4,787	5,330	5,879	7,551	8,325
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	279	290	316	408	(D)	(D)
Membership organizations	47,976	50,457	51,500	58,185	66,403	72,293	5,790	5,556	5,404	5,634	6,100	6,306
Miscellaneous services	184,517	187,502	214,333	233,910	261,174	292,487	11,686	11,805	15,152	14,240	15,752	16,685
Government and government enterprises	552,485	589,118	644,801	697,314	774,404	821,261	173,332	179,745	182,397	191,149	201,453	218,872
Federal, civilian	59,132	66,494	68,495	79,832	91,810	97,919	37,228	38,636	39,975	42,583	45,935	47,568
Military	9,049	9,716	10,436	11,148	11,726	13,617	73,089	75,343	76,755	81,227	86,195	99,745
State and local	484,304	512,908	565,870	606,334	670,868	709,725	63,015	65,766	65,667	67,339	69,323	71,559

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Greeley, CO (MSA)						Green Bay, WI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,488,416**	**1,575,640**	**1,620,940**	**1,702,071**	**1,817,546**	**1,943,331**	**2,361,047**	**2,520,252**	**2,670,245**	**2,807,548**	**2,996,685**	**3,216,210**
Nonfarm personal income	1,432,066	1,520,746	1,561,431	1,639,674	1,738,394	1,861,383	2,333,793	2,494,611	2,639,768	2,776,313	2,970,132	3,171,777
Farm income[1]	56,350	54,894	59,509	62,397	79,152	81,948	27,254	25,641	30,477	31,235	26,553	44,433
Population (thousands)[2]	133.1	134.1	135.1	135.7	136.2	136.6	183.7	185.1	186.7	188.3	191.2	193.6
Per capita personal income (dollars)	**11,183**	**11,746**	**11,997**	**12,542**	**13,346**	**14,230**	**12,853**	**13,614**	**14,301**	**14,907**	**15,670**	**16,609**
Derivation of total personal income:												
Total earnings by place of work	925,743	993,967	1,026,706	1,070,349	1,171,316	1,250,276	1,894,526	2,023,018	2,159,550	2,293,382	2,465,708	2,618,374
Less: Personal contributions for social insurance[3]	47,322	53,796	57,066	59,317	66,793	74,613	118,461	134,050	140,686	153,860	173,058	188,923
Plus: Adjustment for residence	180,983	179,567	183,350	198,706	190,234	195,831	−82,934	−84,495	−89,643	−89,249	−94,943	−97,911
Equals: Net earnings by place of residence	1,059,404	1,119,738	1,152,990	1,209,738	1,294,757	1,371,494	1,693,131	1,804,473	1,929,221	2,050,273	2,197,707	2,331,540
Plus: Dividends, interest, and rent[5]	238,191	251,044	245,455	253,116	266,589	303,258	380,809	412,395	421,512	417,071	440,578	499,515
Plus: Transfer payments	190,821	204,858	222,495	239,217	256,200	268,579	287,107	303,384	319,512	340,204	358,400	385,155
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	706,588	764,992	783,864	813,605	879,153	937,670	1,578,394	1,693,203	1,799,610	1,895,676	2,037,609	2,147,508
Other labor income	68,046	72,361	74,890	75,652	82,324	89,737	163,632	168,787	180,655	188,280	205,108	219,084
Proprietors' income[6]	151,109	156,614	167,952	181,092	209,839	222,869	152,500	161,028	179,285	209,426	222,991	251,782
Farm	28,270	26,620	31,497	32,784	49,311	51,555	21,938	20,363	25,233	25,637	20,871	38,620
Nonfarm	122,839	129,994	136,455	148,308	160,528	171,314	130,562	140,665	154,052	183,789	202,120	213,162
Earnings by industry:												
Farm	56,350	54,894	59,509	62,397	79,152	81,948	27,254	25,641	30,477	31,235	26,553	44,433
Nonfarm	869,393	939,073	967,197	1,007,952	1,092,164	1,168,328	1,867,272	1,997,377	2,129,073	2,262,147	2,439,155	2,573,941
Private	715,668	774,581	813,807	838,767	910,140	976,895	1,658,910	1,771,598	1,890,605	2,010,673	2,173,373	2,294,877
Agricultural services, forestry, fisheries, and other[7]	11,314	11,063	10,861	15,055	17,806	18,881	8,239	8,091	8,668	12,186	11,589	11,807
Agricultural services	11,231	10,711	10,403	14,663	17,323	18,390	8,143	7,802	8,260	11,834	11,147	11,370
Forestry, fisheries, and other[7]	83	352	458	392	483	491	96	289	408	352	442	437
Mining	21,541	28,483	18,406	16,223	18,023	17,261	3,240	5,251	2,663	6,223	7,229	9,297
Coal mining	(L)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	26,320	16,272	14,871	16,961	15,541	3,107	4,748	1,457	(D)	(D)	2,285
Metal mining	0	0	0	(D)	0	0	(D)	(D)	(D)	3,553	3,777	4,206
Nonmetallic minerals, except fuels	(D)	(D)	(D)	490	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,804
Construction	104,154	111,712	111,270	94,886	90,914	96,817	109,178	117,403	128,919	123,540	132,537	152,775
Manufacturing	199,256	216,407	228,261	241,053	272,502	293,866	616,356	663,666	695,353	726,247	781,667	786,857
Nondurable goods	59,872	63,924	72,139	85,919	103,653	111,094	454,438	481,356	496,802	513,986	546,887	542,144
Food and kindred products	51,135	55,910	62,448	73,509	89,055	93,629	122,407	124,434	127,610	127,117	132,897	148,130
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	242	142	162	85	95	(D)	(D)	244	294	308	288
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	288,972	311,775	310,566	321,946	344,731	331,433
Printing and publishing	4,813	6,508	7,758	8,830	9,853	10,310	35,548	38,301	49,615	53,031	57,505	47,899
Chemicals and allied products	896	730	995	1,186	1,573	3,167	2,548	2,610	(D)	(D)	(D)	4,766
Petroleum and coal products	0	0	0	(D)	(D)	(D)	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	1,851	2,528	2,250	1,509	3,223	5,416	4,283	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	139,384	152,483	156,122	155,134	168,849	182,772	161,918	182,310	198,551	212,261	234,780	244,713
Lumber and wood products	3,026	2,713	3,484	2,398	2,359	2,844	7,440	7,966	9,850	11,303	12,356	14,065
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	104	(D)	(D)	(D)	(D)	(D)	6,698	6,472	7,168	8,049	9,824	10,414
Fabricated metal products	3,865	4,101	4,375	6,759	10,840	11,659	18,083	17,553	18,642	19,835	22,072	27,192
Machinery, except electrical	28,733	32,401	33,222	34,150	35,013	39,603	94,958	109,801	114,480	119,189	127,344	134,569
Electric and electronic equipment	(D)	2,730	3,077	3,788	5,427	6,896	836	1,372	1,524	1,939	(D)	257
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	391	247	371	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,928	(D)	3,055	1,776	1,262	2,650	5,785	6,662	7,761	3,948	4,570	6,908
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	668	1,215	957	320	467	777	2,838	3,667	4,319	5,070	5,637	1,682
Transportation and public utilities	64,095	71,110	72,958	73,866	78,809	85,995	184,455	185,212	200,020	196,920	224,319	228,809
Railroad transportation	2,063	2,161	1,729	1,480	1,679	1,925	14,129	13,288	12,456	10,924	6,599	1,608
Trucking and warehousing	28,675	33,140	31,736	32,954	33,954	34,179	77,498	79,553	93,486	88,475	112,425	117,140
Water transportation	(L)	(L)	(L)	(L)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	4,066	3,809	4,149	3,783	4,267	5,667	12,268	14,309	14,850	16,358	16,171	15,756
Communication	11,915	11,884	11,650	11,687	12,066	10,337	20,017	21,199	21,752	20,876	24,226	26,107
Electric, gas, and sanitary services	17,377	20,117	23,695	23,963	26,843	33,887	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	50,419	52,083	50,739	52,264	59,134	61,536	144,430	150,073	159,560	170,295	187,702	196,762
Retail trade	91,794	92,077	91,450	95,735	103,469	110,249	202,913	214,588	228,705	237,222	256,014	272,565
Finance, insurance, and real estate	41,833	47,557	50,723	58,550	56,277	56,788	51,430	54,493	62,300	82,100	77,342	84,264
Banking and credit agencies	16,321	16,554	16,188	(D)	(D)	14,136	26,969	28,890	32,702	34,506	33,946	35,944
Other finance, insurance, and real estate[9]	25,512	31,003	34,535	(D)	(D)	42,652	24,461	25,603	29,598	47,594	43,396	48,320
Services	131,262	144,089	179,139	191,135	213,206	235,502	338,669	372,821	404,417	455,940	494,974	551,741
Hotels and other lodging places	1,423	1,509	1,122	1,778	2,313	2,363	6,701	6,966	8,076	10,321	11,024	11,449
Personal services	9,346	11,403	12,979	13,580	15,693	18,040	15,324	18,503	20,432	22,119	26,042	29,316
Private households	2,531	2,567	2,578	2,587	2,719	2,849	1,750	1,758	1,752	1,753	1,851	1,941
Business services	21,372	23,122	24,537	27,806	30,201	35,035	57,933	63,247	66,747	81,145	76,259	92,069
Auto repair, services, and garages	7,558	9,450	9,819	9,448	10,595	12,056	17,166	18,499	15,786	18,224	20,317	21,844
Miscellaneous repair services	6,086	7,561	6,899	5,657	8,083	8,593	7,796	7,949	8,826	9,277	10,237	13,271
Amusement and recreation services	3,717	3,791	3,756	3,676	3,964	4,327	22,635	22,342	24,003	26,435	36,190	30,598
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	435	566	767	1,100	1,351	(D)
Health services	43,537	48,045	75,636	83,806	92,201	100,498	138,013	151,436	165,066	185,740	198,270	221,580
Legal services	5,445	5,490	6,254	6,501	7,809	8,063	13,596	15,465	16,686	17,433	18,943	20,570
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18,133
Social services	2,437	1,675	1,743	2,440	3,256	4,430	9,345	10,473	13,429	14,242	15,686	18,415
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,484	9,681	9,869	10,737	12,038	12,786	11,350	11,740	14,020	15,568	17,556	18,695
Miscellaneous services	15,542	16,636	20,836	19,891	20,339	21,534	24,375	30,256	34,547	37,764	45,219	51,824
Government and government enterprises	153,725	164,492	153,390	169,185	182,024	191,433	208,362	225,779	238,468	251,474	265,782	279,064
Federal, civilian	9,530	9,610	10,109	11,108	12,049	12,430	22,001	23,806	25,263	26,861	29,596	31,640
Military	3,419	3,600	3,995	4,183	4,280	4,225	6,232	7,159	8,086	8,959	9,498	9,946
State and local	140,776	151,282	139,286	153,894	165,695	174,778	180,129	194,814	205,119	215,654	226,688	237,478

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Greensboro—Winston—Salem—High Point, NC (MSA)						Greenville—Spartanburg, SC (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**11,262,120**	**12,109,790**	**13,013,328**	**14,117,764**	**15,401,268**	**16,513,366**	**6,627,278**	**7,109,353**	**7,646,703**	**8,304,518**	**9,105,397**	**9,874,200**
Nonfarm personal income	11,166,484	12,026,383	12,928,131	14,023,372	15,310,233	16,405,551	6,598,780	7,098,493	7,630,971	8,267,477	9,052,602	9,820,664
Farm income[1]	95,636	83,407	85,197	94,392	91,035	107,815	28,498	10,860	15,732	37,041	52,795	53,536
Population (thousands)[2]	884.7	894.3	901.9	915.2	924.7	935.5	593.1	600.3	605.5	611.6	621.4	628.6
Per capita personal income (dollars)	**12,730**	**13,541**	**14,428**	**15,426**	**16,655**	**17,652**	**11,173**	**11,844**	**12,629**	**13,578**	**14,654**	**15,707**
Derivation of total personal income:												
Total earnings by place of work	9,139,187	9,828,274	10,574,926	11,621,169	12,700,417	13,336,624	5,478,261	5,828,117	6,320,603	6,925,994	7,665,995	8,227,766
Less: Personal contributions for social insurance[3]	542,981	616,075	663,192	703,819	796,431	865,639	321,980	362,168	403,258	410,057	469,944	522,538
Plus: Adjustment for residence	−311,195	−331,358	−360,663	−407,071	−465,072	−441,430	−288,760	−299,022	−308,801	−336,535	−378,435	−402,431
Equals: Net earnings by place of residence	8,285,011	8,880,841	9,551,071	10,510,279	11,438,914	12,029,555	4,867,521	5,166,927	5,608,544	6,179,402	6,817,616	7,302,797
Plus: Dividends, interest, and rent[5]	1,687,803	1,846,495	1,959,162	2,041,268	2,282,983	2,642,884	889,046	967,385	1,016,419	1,055,643	1,156,077	1,339,495
Plus: Transfer payments	1,289,306	1,382,454	1,503,095	1,566,217	1,679,371	1,840,927	870,711	975,041	1,021,740	1,069,473	1,131,704	1,231,908
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,533,545	8,124,376	8,696,123	9,555,531	10,433,767	10,919,590	4,618,887	4,940,061	5,304,862	5,797,634	6,406,819	6,868,590
Other labor income	799,147	819,011	890,488	943,762	1,031,241	1,076,569	456,532	467,108	502,243	547,860	604,090	654,175
Proprietors' income[6]	806,495	884,887	988,315	1,121,876	1,235,409	1,340,465	402,842	420,948	513,498	580,500	655,086	705,001
Farm	81,950	69,981	71,990	80,511	77,125	93,771	24,374	6,870	11,853	33,001	48,791	49,540
Nonfarm	724,545	814,906	916,325	1,041,365	1,158,284	1,246,694	378,468	414,078	501,645	547,499	606,295	655,461
Earnings by industry:												
Farm	95,636	83,407	85,197	94,392	91,035	107,815	28,498	10,860	15,732	37,041	52,795	53,536
Nonfarm	9,043,551	9,744,867	10,489,729	11,526,777	12,609,382	13,228,809	5,449,763	5,817,257	6,304,871	6,888,953	7,613,200	8,174,230
Private	8,202,398	8,836,575	9,499,020	10,455,229	11,499,987	12,030,005	4,849,759	5,153,637	5,571,065	6,110,159	6,757,654	7,245,120
Agricultural services, forestry, fisheries, and other[7]	21,585	24,316	24,925	37,086	40,685	45,053	16,662	17,471	18,525	22,563	25,149	29,681
Agricultural services	19,840*	22,677*	23,352*	35,148*	38,378*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	1,019*	843*	804*	1,009*	1,261*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	25,607	34,578	15,988	20,795	26,834	28,202	11,196	15,428	8,276	9,420	11,751	12,519
Coal mining	59	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	539,064	646,437	773,016	869,912	942,872	902,632	438,226	489,082	550,600	581,811	638,886	646,001
Manufacturing	3,358,076	3,514,107	3,720,226	3,927,199	4,300,058	4,369,257	2,098,711	2,137,362	2,248,681	2,408,706	2,607,546	2,705,367
Nondurable goods	1,856,568	1,926,327	2,106,669	2,249,722	2,523,145	2,553,209	1,443,893	1,471,307	1,541,849	1,649,814	1,739,268	1,766,820
Food and kindred products	112,813*	117,304*	120,476*	(D)	(D)	(D)	47,290*	48,182*	51,840	62,648	64,177	59,817*
Textile mill products	614,512*	620,601*	660,131*	698,359*	742,926*	766,925*	653,181	634,948	661,931	711,222	752,638	725,009
Apparel and other textile products	169,425*	153,718*	172,061*	177,336*	184,420	202,334*	123,944	117,598	118,546	119,484	113,368	119,341
Paper and allied products	56,175*	(D)	(D)	(D)	(D)	86,540	114,556*	122,453*	132,194*	139,255*	154,657*	166,673*
Printing and publishing	118,158*	129,354*	140,458*	151,654*	166,290*	177,048*	54,678	58,836	61,599	65,161	70,544	81,302
Chemicals and allied products	121,426*	131,118*	156,580*	162,115*	184,713*	192,191*	(D)	(D)	231,033*	238,120*	288,660*	307,309*
Petroleum and coal products	453*	(D)	(D)	655	894	935*	246	125	(D)	(D)	(D)	(D)
Tobacco manufactures	566,997*	633,655*	713,393	(D)	(D)	(D)	398	557	467	(D)	(D)	0
Rubber and misc. plastic products	58,489	56,890	56,266*	59,828*	66,432*	(D)	228,692*	252,023*	265,277*	291,224*	268,324*	279,839*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	2,516*	2,497*	2,607*	2,430*	(D)	(D)
Durable goods	1,501,508	1,587,780	1,613,557	1,677,477	1,776,913	1,816,048	654,818	666,055	706,832	758,892	868,278	938,547
Lumber and wood products	96,999	103,900	116,371	121,242	129,760	134,927	17,998	17,621	18,568	19,938	21,079	20,711
Furniture and fixtures	418,700*	449,701*	472,358*	517,301*	541,539*	528,785*	(D)	(D)	(D)	13,269*	15,689*	15,196*
Primary metal industries	28,714	(D)	(D)	(D)	(D)	54,993*	(D)	(D)	(D)	(D)	40,422*	47,112*
Fabricated metal products	172,538*	180,274*	183,658*	139,977*	135,018*	142,485*	89,847	96,364	102,627	105,335	109,387	122,703
Machinery, except electrical	177,228*	177,096*	180,505*	(D)	(D)	(D)	276,561	274,172	291,217	315,741	368,132	395,670
Electric and electronic equipment	396,279*	419,179*	373,601*	378,658*	416,894*	427,029*	127,702*	130,787*	138,319*	146,002*	166,753*	183,647*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	40,974*	48,685*	56,738*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	90,018*	92,666*	101,541*	111,076*	111,719*	115,827*	35,816*	40,226*	46,389*	47,879*	56,551*	58,002*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	7,555	8,331	10,913	11,302	10,630	7,976
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,305*	17,325*	20,447*	22,237*
Transportation and public utilities	671,644	722,253	767,189	872,167	908,646	931,971	290,292	303,811	327,464	367,192	402,894	445,631
Railroad transportation	16,259*	16,174*	16,584*	17,216*	17,674*	17,338*	35,855	35,473	34,792	34,129	32,608	31,918
Trucking and warehousing	309,339*	317,523*	306,342	344,563	354,649	335,571	126,142	129,002	131,859	142,974	155,201	164,055
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	19,366	22,008	27,188	(D)	(D)	(D)
Communication	116,179	118,728	130,154	151,140*	172,169	183,169	64,156	68,264	75,083	86,959	91,264	99,501
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	651,536	701,709	772,773	864,359	942,048	1,035,990	356,389	380,768	398,775	439,333	481,453	534,652
Retail trade	888,366	968,615	1,029,904	1,116,244	1,244,512	1,313,568	554,264	604,848	653,847	720,235	814,081	865,156
Finance, insurance, and real estate	429,295	475,053	534,553	663,770	659,176	682,583	233,788	256,236	282,101	335,161	340,761	346,786
Banking and credit agencies	(D)	(D)	(D)	(D)	248,357*	271,119*	80,406	89,954	96,396	106,173	108,907	117,466
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	401,402*	400,125*	153,382	166,282	185,705	228,988	231,854	229,320
Services	1,617,225	1,749,507	1,860,446	2,083,697	2,435,156	2,720,749	850,231	948,631	1,082,796	1,225,738	1,435,133	1,659,327
Hotels and other lodging places	32,681*	36,281*	36,437*	42,389*	47,288*	53,875*	16,423*	(D)	23,640	(D)	29,462	31,221
Personal services	85,884	104,737	115,716	123,900	143,660	161,884	46,577	55,728	61,758	65,981	75,905	84,318
Private households	54,055	54,873	55,135	55,518	59,235	62,556	26,558	26,844	26,978	27,178	28,960	30,598
Business services	301,231	347,709	390,106	443,217	498,518	547,615	118,383	139,914	155,722	188,636	230,258	299,899
Auto repair, services, and garages	71,129	81,717	88,413	93,136	99,506	108,827	41,381	47,036	53,451	57,054	61,727	67,419
Miscellaneous repair services	39,934	39,081	46,498	47,263	54,367	58,784	18,210	18,775	22,507	26,332	32,365	38,352
Amusement and recreation services	20,318*	22,517*	(D)	(D)	(D)	45,826	14,461	16,056	17,390	19,482	22,396	24,640
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,615	2,694	2,927	3,008	2,739	3,401
Health services	492,447	530,204	574,764	660,599	831,932	940,066	219,713	243,376	270,780	316,563	348,601	381,148
Legal services	101,657	116,737	135,536	149,481	172,367	194,944	75,638	83,442	96,180	102,319	116,034	128,075
Educational services	111,946	121,046	131,706*	146,003*	160,230*	177,875*	49,267*	53,482*	63,117	65,069*	75,544	83,918
Social services	33,558*	37,781*	42,641*	47,995	51,628*	64,150*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	2,070*	2,297*	2,520*	2,695*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	50,808*	51,576	54,385	58,595	63,144	66,030	30,739	30,752	31,864	34,166	37,034	38,551
Miscellaneous services	212,872	196,285	152,119	173,272	203,872	228,529	173,983	191,728	240,053	271,471	350,908	420,039
Government and government enterprises	841,153	908,292	990,709	1,071,548	1,109,395	1,198,804	600,004	663,620	733,806	778,794	855,546	929,110
Federal, civilian	123,504	135,133	137,167	146,548	159,466	165,943	51,098	55,429	56,562	60,067	64,840	68,419
Military	16,569	18,425	20,546	21,841	22,301	23,168	29,519	31,809	32,482	34,021	35,140	35,986
State and local	701,080	754,734	832,996	903,159	927,628	1,009,693	519,387	576,382	644,762	684,706	755,566	824,705

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Hagerstown, MD (MSA)						Hamilton—Middletown, OH (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,305,720**	**1,393,781**	**1,480,052**	**1,613,215**	**1,749,451**	**1,880,950**	**3,275,036**	**3,473,109**	**3,739,905**	**4,019,153**	**4,285,985**	**4,549,723**
Nonfarm personal income	1,292,984	1,385,002	1,467,483	1,599,761	1,734,602	1,869,142	3,267,202	3,466,169	3,733,696	4,012,704	4,280,265	4,542,220
Farm income[1]	12,736	8,779	12,569	13,454	14,849	11,808	7,834	6,940	6,209	6,449	5,720	7,503
Population (thousands)[2]	113.0	113.7	115.5	116.6	117.8	118.8	264.8	268.0	271.8	277.1	279.7	283.9
Per capita personal income (dollars)	**11,558**	**12,255**	**12,814**	**13,832**	**14,854**	**15,828**	**12,370**	**12,960**	**13,760**	**14,506**	**15,323**	**16,029**
Derivation of total personal income:												
Total earnings by place of work	957,411	1,016,931	1,070,623	1,166,072	1,242,109	1,326,002	1,975,172	2,045,864	2,167,693	2,307,109	2,441,828	2,528,557
Less: Personal contributions for social insurance[3]	59,017	67,263	70,027	74,973	83,284	92,150	130,114	142,603	153,857	162,641	177,447	190,949
Plus: Adjustment for residence	−22,115	−17,400	−720	18,601	40,761	35,800	491,626	584,473	669,831	770,295	835,244	903,743
Equals: Net earnings by place of residence	876,279	932,268	999,876	1,109,700	1,199,586	1,269,652	2,336,684	2,487,734	2,683,667	2,914,763	3,099,625	3,241,351
Plus: Dividends, interest, and rent[5]	215,245	230,447	242,577	244,204	270,640	312,020	463,873	487,011	520,585	531,741	573,748	651,723
Plus: Transfer payments	214,196	231,066	237,599	259,311	279,225	299,278	474,479	498,364	535,653	572,649	612,612	656,649
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	805,096	860,644	901,672	982,255	1,046,396	1,120,843	1,623,190	1,695,868	1,789,530	1,906,618	2,018,168	2,082,365
Other labor income	82,184	81,839	85,289	90,283	92,270	99,829	190,220	186,089	195,870	194,456	202,374	210,027
Proprietors' income[6]	70,131	74,448	83,662	93,534	103,443	105,330	161,762	163,907	182,293	206,035	221,286	236,165
Farm	7,939	4,071	7,903	8,551	9,960	6,845	6,173	5,381	4,743	5,002	4,359	6,238
Nonfarm	62,192	70,377	75,759	84,983	93,483	98,485	155,589	158,526	177,550	201,033	216,927	229,927
Earnings by industry:												
Farm	12,736	8,779	12,569	13,454	14,849	11,808	7,834	6,940	6,209	6,449	5,720	7,503
Nonfarm	944,675	1,008,152	1,058,054	1,152,618	1,227,260	1,314,194	1,967,338	2,038,924	2,161,484	2,300,660	2,436,108	2,521,054
Private	781,267	822,635	862,512	948,077	1,009,682	1,078,956	1,725,307	1,779,089	1,877,791	1,988,587	2,099,192	2,167,327
Agricultural services, forestry, fisheries, and other[7]	2,839	2,854	2,982	3,993	4,298	4,631	4,086	4,331	4,088	6,467	6,659	7,010
Agricultural services	2,779	2,803	2,932	3,938	4,236	4,570	3,882	4,191	3,961	6,391	6,580	6,939
Forestry, fisheries, and other[7]	60	51	50	55	62	61	204	140	127	76	79	71
Mining	2,219	3,034	1,738	2,008	2,635	3,088	8,812	10,052	7,584	7,413	7,816	9,285
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	772	766	700	416	489	503
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,611	5,147	1,950	2,073	2,891	3,096
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	4,432	4,141	4,934	4,924	4,436	5,686
Construction	60,769	63,608	74,969	87,983	101,438	107,159	134,188	113,485	133,061	151,805	177,162	193,624
Manufacturing	307,735	313,526	296,225	294,614	274,696	277,979	841,370	861,744	884,277	859,309	869,920	861,300
Nondurable goods	64,034	69,537	74,162	76,864	78,503	77,858	214,732	225,553	249,401	240,882	246,739	247,612
Food and kindred products	4,933	7,419	10,607	10,080	9,668	9,912	4,711	4,430	5,531	5,552	5,580	5,324
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	3,240	178,411	188,509	208,021	196,828	198,638	195,832
Printing and publishing	23,468	26,929	28,296	28,697	24,606	15,499	17,326	16,325	15,940	17,326	19,074	20,605
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	7,697	8,642	9,642	9,493	10,116	10,723
Petroleum and coal products	0	0	0	0	0	0	(D)	(D)	(D)	2,094	2,772	2,386
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	12,125	13,939	4,625	5,330	7,937	8,585	9,153	11,398
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	243,701	243,989	222,063	217,750	196,193	200,121	626,638	636,191	634,876	618,427	623,181	613,688
Lumber and wood products	5,148	5,674	5,898	7,110	7,484	7,506	7,394	8,465	9,339	14,320	14,315	22,691
Furniture and fixtures	7,346	6,698	7,692	8,186	8,656	7,985	20,867	19,730	20,436	22,433	25,761	19,099
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	12,353	13,466	11,834	11,795	13,015	15,302	180,906	210,224	199,182	147,388	115,714	85,024
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	59,868	67,972	72,923	75,424	82,031	86,276
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	16,778	20,522	21,879	22,806	24,615	21,810
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	31,512	27,842	27,224	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,748	(D)	5,346
Stone, clay, and glass products	9,362	9,857	10,749	12,092	12,880	14,717	5,808	6,778	6,945	7,643	9,885	9,652
Instruments and related products	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	382	2,265
Miscellaneous manufacturing industries	5,322	6,965	8,235	8,223	8,411	8,991	4,094	4,127	4,536	4,970	6,187	6,921
Transportation and public utilities	101,368	98,096	97,763	101,087	105,990	108,511	88,005	91,815	97,172	98,183	105,279	115,813
Railroad transportation	15,314	13,916	11,146	8,687	9,140	8,662	11,677	11,576	11,094	9,570	8,528	6,003
Trucking and warehousing	47,634	44,551	47,720	48,072	50,189	51,974	49,893	51,590	56,087	58,155	63,805	74,696
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,765	5,984	6,985	7,267	7,531	(D)
Communication	18,728	18,663	16,264	18,361	18,255	18,349	10,283	10,273	8,570	7,848	8,215	9,408
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	11,396	12,397	14,443	15,346	17,199	16,679
Wholesale trade	48,691	53,334	58,658	67,946	73,046	80,469	102,111	106,400	111,390	150,962	165,704	176,986
Retail trade	93,842	107,425	119,754	137,261	162,221	184,518	165,548	180,347	191,173	202,097	217,823	224,312
Finance, insurance, and real estate	21,603	23,281	26,704	36,748	37,786	39,147	86,333	88,296	89,716	119,399	113,456	108,260
Banking and credit agencies	11,476	12,316	13,099	14,354	15,445	16,320	25,979	27,107	(D)	(D)	30,823	(D)
Other finance, insurance, and real estate[9]	10,127	10,965	13,605	22,394	22,341	22,827	60,354	61,189	(D)	(D)	82,633	(D)
Services	142,201	157,477	183,719	216,437	247,572	273,454	294,854	322,619	359,330	392,952	435,373	470,737
Hotels and other lodging places	3,793	4,841	5,344	6,007	6,561	6,436	3,422	2,878	4,249	4,551	4,553	5,041
Personal services	9,351	12,001	13,340	13,076	15,152	17,996	17,122	21,948	22,848	24,982	30,827	33,647
Private households	3,607	3,639	3,669	3,708	3,976	4,208	3,566	3,567	3,546	3,543	3,733	3,906
Business services	15,655	18,153	29,378	43,622	55,891	59,498	26,050	35,011	40,019	45,802	50,856	54,983
Auto repair, services, and garages	7,819	8,787	9,743	9,376	10,292	11,332	14,541	16,582	20,282	21,629	23,072	23,782
Miscellaneous repair services	2,420	2,966	3,602	4,186	5,751	6,376	5,029	4,190	4,838	5,127	5,331	6,775
Amusement and recreation services	1,707	1,938	2,334	2,372	2,659	3,376	6,327	6,682	7,048	7,555	8,270	8,576
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	535	566	465	496	(D)	(D)
Health services	61,222	65,054	70,220	83,522	91,092	99,951	143,605	153,078	163,549	180,879	193,077	209,164
Legal services	5,846	7,064	7,724	8,384	8,828	9,575	14,222	15,243	17,566	18,401	20,927	22,017
Educational services	2,765	3,179	3,541	4,160	4,504	4,915	(D)	(D)	(D)	(D)	13,126	15,959
Social services	10,432	12,110	14,032	14,460	16,348	18,755	7,951	8,290	8,760	9,606	11,061	12,280
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,096	8,891	9,660	11,380	12,550	13,811	20,230	20,870	21,794	24,217	25,970	26,658
Miscellaneous services	8,016	8,373	10,682	11,726	13,510	16,825	26,263	27,232	37,258	36,820	44,087	47,475
Government and government enterprises	163,408	185,517	195,542	204,541	217,578	235,238	242,031	259,835	283,693	312,073	336,916	353,727
Federal, civilian	31,912	38,356	37,030	37,038	41,011	43,650	12,267	13,289	13,546	14,567	15,961	17,035
Military	32,594	36,363	37,290	36,010	36,975	39,203	3,776	4,092	4,418	4,906	5,195	5,375
State and local	98,902	110,798	121,222	131,493	139,592	152,385	225,988	242,454	265,729	292,600	315,760	331,317

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Harrisburg—Lebanon—Carlisle, PA (MSA)						Hartford—New Britain—Middletown—Bristol, CT (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**7,051,637**	**7,519,369**	**8,002,199**	**8,555,467**	**9,272,758**	**10,039,511**	**17,381,039**	**18,716,149**	**20,412,638**	**22,445,425**	**24,684,337**	**26,406,548**
Nonfarm personal income	6,979,014	7,459,878	7,933,607	8,489,729	9,216,814	9,966,758	17,328,660	18,661,249	20,350,503	22,380,716	24,614,590	26,340,770
Farm income[1]	72,623	59,491	68,592	65,738	55,944	72,753	52,379	54,900	62,135	64,709	69,747	65,778
Population (thousands)[2]	571.1	574.1	579.3	584.4	591.1	596.5	1,068.0	1,076.2	1,085.1	1,098.2	1,108.5	1,114.4
Per capita personal income (dollars)	**12,347**	**13,099**	**13,812**	**14,639**	**15,687**	**16,830**	**16,275**	**17,392**	**18,812**	**20,438**	**22,269**	**23,695**
Derivation of total personal income:												
Total earnings by place of work	5,800,603	6,144,694	6,591,734	7,144,982	7,783,436	8,333,799	13,892,039	15,204,410	16,838,654	18,834,329	20,574,946	21,640,250
Less: Personal contributions for social insurance[3]	358,391	392,941	433,216	461,638	522,529	574,738	826,693	947,265	1,047,912	1,189,595	1,333,257	1,443,182
Plus: Adjustment for residence	−692,323	−749,754	−844,675	−906,959	−992,511	−1,064,141	−831,208	−930,179	−1,109,858	−1,275,104	−1,319,498	−1,402,540
Equals: Net earnings by place of residence	4,749,889	5,001,999	5,313,843	5,776,385	6,268,396	6,694,920	12,234,138	13,326,966	14,680,884	16,369,630	17,922,191	18,794,528
Plus: Dividends, interest, and rent[5]	1,123,724	1,230,190	1,313,150	1,362,390	1,502,174	1,731,123	3,109,693	3,210,181	3,411,051	3,606,184	4,112,160	4,692,735
Plus: Transfer payments	1,178,024	1,287,180	1,375,206	1,416,692	1,502,188	1,613,468	2,037,208	2,179,002	2,320,703	2,469,611	2,649,986	2,919,285
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,825,057	5,134,330	5,493,866	5,942,094	6,469,488	6,905,587	11,743,656	12,879,656	14,270,019	15,862,174	17,323,787	18,207,112
Other labor income	481,560	490,769	527,586	567,147	625,200	679,358	1,297,335	1,354,042	1,499,744	1,627,413	1,762,806	1,858,876
Proprietors' income[6]	493,986	519,595	570,282	635,741	688,748	748,854	851,048	970,712	1,068,891	1,344,742	1,488,353	1,574,262
Farm	61,229	48,151	57,360	53,846	43,963	60,549	30,305	33,062	40,499	41,835	46,620	42,153
Nonfarm	432,757	471,444	512,922	581,895	644,785	688,305	820,743	937,650	1,028,392	1,302,907	1,441,733	1,532,109
Earnings by industry:												
Farm	72,623	59,491	68,592	65,738	55,944	72,753	52,379	54,900	62,135	64,709	69,747	65,778
Nonfarm	5,727,980	6,085,203	6,523,142	7,079,244	7,727,492	8,261,046	13,839,660	15,149,510	16,776,519	18,769,620	20,505,199	21,574,472
Private	4,363,229	4,648,763	5,018,203	5,483,133	6,043,432	6,445,073	12,176,238	13,310,363	14,770,754	16,543,882	18,039,260	18,840,453
Agricultural services, forestry, fisheries, and other[7]	14,886	17,245	18,784	(D)	(D)	30,962	47,092	48,955	56,537	77,787	85,437	84,130
Agricultural services	14,068	16,271	17,599	(D)	(D)	(D)	43,646	46,820	53,776	75,617	82,855	81,433
Forestry, fisheries, and other[7]	818	974	1,185	794	945	(D)	3,446	2,135	2,761	2,170	2,582	2,697
Mining	10,202	21,846	14,929	(D)	(D)	18,809	39,080	53,370	26,403	29,106	39,428	39,391
Coal mining	485	(D)	(D)	292	(D)	(D)	1,220	1,522	1,603	(D)	941	961
Oil and gas extraction	(D)	(D)	(D)	4,561	(D)	(D)	27,273*	39,053*	10,931*	(D)	(D)	(D)
Metal mining	−53	(L)	(L)	194	206	230	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	8,422*	9,809*	12,431*	16,558	(D)	(D)
Construction	297,721	329,664	382,389	434,701	510,943	506,193	709,115	819,087	1,024,082	1,263,221	1,466,738	1,423,316
Manufacturing	1,303,835	1,299,421	1,319,019	1,370,536	1,481,796	1,559,124	4,069,481	4,255,933	4,476,211	4,636,073	4,788,695	4,813,175
Nondurable goods	577,387	603,401	633,641	668,792	712,656	769,747	598,081	626,161	677,564	737,304	757,377	756,077
Food and kindred products	270,093	287,305	307,596	318,553	341,552	371,085	126,607*	126,426*	134,313*	139,332*	139,250*	126,344*
Textile mill products	(D)	(D)	46,590*	54,745*	56,898*	55,323*	29,073	(D)	(D)	25,864*	(D)	(D)
Apparel and other textile products	56,327	57,027	51,003	53,247	53,621	48,144	26,663*	27,930	28,029*	24,906*	22,970*	20,466
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	69,561*	78,824*	79,096*
Printing and publishing	65,511*	74,855*	83,748*	89,310*	96,174*	102,272*	190,186	211,416	236,618	263,751	285,035	294,789
Chemicals and allied products	18,812*	18,376*	19,252	19,486	20,256	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	182	208	253	268	433	415	(D)	2,714	(D)	3,618	(D)	1,886*
Tobacco manufactures	0	0	0	0	0	0	(D)	2,773	2,600	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	46,538*	81,056	83,198	88,069	98,746	93,214	92,918
Leather and leather products	42,252	41,538	41,945	43,194	42,777	43,332	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	726,448	696,020	685,378	701,744	769,140	789,377	3,471,400	3,629,772	3,798,647	3,898,769	4,031,318	4,057,098
Lumber and wood products	12,588*	14,628*	18,747*	23,125*	34,220	37,589	(D)	(D)	(D)	(D)	54,535	51,026
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	17,109*	17,038*	19,421*	22,115	21,929	22,009*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	74,249*	(D)
Fabricated metal products	90,442	107,978	101,668	103,100	109,331	113,045	496,302	500,775	493,609	535,891	584,782	587,361
Machinery, except electrical	66,086*	68,604*	75,655*	74,588*	83,934*	86,067*	613,771	615,763	798,222	779,768	822,056	853,175
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	487,638	499,142	337,819	359,093	359,923	332,951*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,356,973*	1,486,737*	1,570,392*	1,616,898*	1,629,188*	1,861,548
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	34,298*	41,858*	45,541	49,081	60,813	58,465
Instruments and related products	(D)	(D)	1,660*	1,578*	(D)	(D)	105,033*	115,966	125,135	126,198	125,622	111,726
Miscellaneous manufacturing industries	6,439*	6,583	7,239	8,189	9,709	8,688	63,050*	70,390*	74,164*	67,845*	68,954	55,913
Transportation and public utilities	552,838	567,937	607,849	637,761	687,493	711,343	640,710	706,009	748,164	866,722	925,865	982,831
Railroad transportation	59,486	58,788	61,535	64,127	65,967	67,416	4,101	3,864	3,550	3,466	(D)	(D)
Trucking and warehousing	241,338	247,790	265,919	286,757	318,025	323,550	132,898	140,479	161,639	184,759	206,777	207,097
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	5,202*	6,711*	8,817*	10,766*	11,792*	10,723*
Other transportation[8]	(D)	39,433	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	233,736
Communication	(D)	116,140*	(D)	(D)	(D)	(D)	158,509	172,277	154,769	213,146	232,064	259,669
Electric, gas, and sanitary services	92,196*	102,794*	110,107*	107,072*	115,501*	(D)	197,452*	215,519*	234,499*	244,260*	245,935*	267,619
Wholesale trade	365,208	403,902	447,204	485,620	524,382	572,980	873,989	982,626	1,134,831	1,215,035	1,331,697	1,513,777
Retail trade	518,607	555,852	605,923	650,332	709,370	750,924	1,204,108	1,305,251	1,455,963	1,635,643	1,823,667	1,909,803
Finance, insurance, and real estate	297,403	319,814	355,807	448,051	473,155	528,780	2,045,802	2,266,571	2,609,891	3,088,027	3,255,059	3,349,606
Banking and credit agencies	79,770	(D)	(D)	(D)	(D)	(D)	282,151*	325,038*	409,828	447,186*	487,988*	502,173*
Other finance, insurance, and real estate[9]	217,633	(D)	(D)	(D)	(D)	397,197*	1,632,963*	1,738,639*	2,200,063	2,379,722*	2,500,058*	2,532,850*
Services	1,002,529	1,133,082	1,266,299	1,415,726	1,608,700	1,765,958	2,546,861	2,872,561	3,238,672	3,732,268	4,322,674	4,724,424
Hotels and other lodging places	34,830*	36,937*	42,189*	45,293*	50,082*	53,225*	42,519*	(D)	(D)	(D)	(D)	(D)
Personal services	45,570	59,087	65,136	70,619	81,438	92,309	105,432	131,731	144,420	154,290	179,590	199,221
Private households	6,671	6,655	6,633	6,626	6,995	7,323	(D)	(D)	(D)	(D)	(D)	(D)
Business services	138,959	184,943	203,979	225,180	267,690	306,460	496,208	569,163	658,395	761,955	865,628	913,807
Auto repair, services, and garages	45,542	50,612	58,845	62,763	66,112	71,376	102,594	117,228	131,199	144,244	157,544	166,746
Miscellaneous repair services	22,216	20,030	22,777	23,583	25,748	29,178	47,575	48,446	60,241	65,926	94,765	103,902
Amusement and recreation services	31,468	33,531	35,751	39,848	45,361	49,113	51,302	54,832	68,707	74,676	84,612	94,228
Motion pictures	1,717	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	353,387	381,293	431,681	490,802	553,954	603,576	927,904	1,022,391	1,091,639	1,260,592	1,470,209	1,662,939
Legal services	64,350	74,051	83,008	91,914	107,038	120,100	205,439	230,250	276,155	313,846	372,941	408,885
Educational services	(D)	(D)	59,872*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	40,138*	45,299	48,948	57,085	65,660	74,814	74,186	86,175	100,973	121,315	144,649	167,944
Museums, botanical, zoological gardens	195	(D)	(D)	(D)	(D)	(D)	3,263	3,447	3,496	4,012	4,590*	4,890*
Membership organizations	73,096	78,025	87,989	97,367	106,841	110,375	99,472	112,497	124,913	139,693	158,391	169,498
Miscellaneous services	92,977	101,174	116,297	135,002	152,902	164,313	224,719	263,413	326,220	410,132	482,351	510,218
Government and government enterprises	1,364,751	1,436,440	1,504,939	1,596,111	1,684,060	1,815,973	1,663,422	1,839,147	2,005,765	2,225,738	2,465,939	2,734,019
Federal, civilian	368,345	390,263	385,545	408,151	429,828	443,400	220,166	231,503	234,683	257,614	279,132	294,012
Military	70,752	79,592	83,734	85,175	87,599	89,985	24,923	31,845	33,405	32,890	37,474	36,620
State and local	925,654	966,585	1,035,660	1,102,785	1,166,633	1,282,588	1,418,333	1,575,799	1,737,677	1,935,234	2,149,333	2,403,387

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Hickory—Morganton, NC (MSA)						Honolulu, HI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,326,158**	**2,456,477**	**2,678,113**	**2,901,654**	**3,150,937**	**3,377,045**	**11,063,883**	**11,815,849**	**12,536,961**	**13,486,110**	**14,713,004**	**16,250,604**
Nonfarm personal income	2,286,206	2,418,943	2,630,513	2,862,539	3,110,211	3,331,079	11,009,440	11,758,613	12,470,666	13,430,740	14,653,826	16,197,379
Farm income[1]	39,952	37,534	47,600	39,115	40,726	45,966	54,443	57,236	66,295	55,370	59,178	53,225
Population (thousands)[2]	212.1	215.0	216.9	219.2	222.1	224.7	801.4	811.1	819.1	829.0	838.5	847.6
Per capita personal income (dollars)	**10,969**	**11,423**	**12,345**	**13,239**	**14,185**	**15,032**	**13,805**	**14,568**	**15,306**	**16,268**	**17,548**	**19,171**
Derivation of total personal income:												
Total earnings by place of work	2,022,505	2,127,525	2,329,613	2,548,289	2,757,093	2,912,698	8,472,340	9,059,142	9,657,397	10,508,044	11,510,285	12,585,267
Less: Personal contributions for social insurance[3]	120,119	133,457	145,890	154,883	173,186	188,917	522,749	564,009	603,297	630,684	713,456	801,858
Plus: Adjustment for residence	−162,501	−171,335	−188,381	−201,532	−214,630	−224,652	6,665	8,458	9,301	9,723	11,636	16,343
Equals: Net earnings by place of residence	1,739,885	1,822,733	1,995,342	2,191,874	2,369,277	2,499,129	7,956,256	8,503,591	9,063,401	9,887,083	10,808,465	11,799,752
Plus: Dividends, interest, and rent[5]	296,926	320,732	346,072	354,564	397,290	456,953	1,608,707	1,709,776	1,787,051	1,832,818	2,010,402	2,408,314
Plus: Transfer payments	289,347	313,012	336,699	355,216	384,370	420,963	1,498,920	1,602,482	1,686,509	1,766,209	1,894,137	2,042,538
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,669,204	1,765,676	1,925,335	2,115,511	2,285,232	2,399,411	7,226,142	7,704,316	8,167,676	8,896,708	9,711,943	10,599,779
Other labor income	161,884	163,345	180,258	193,442	209,551	224,148	605,119	609,979	682,351	729,739	791,372	887,948
Proprietors' income[6]	191,417	198,504	224,020	239,336	262,310	289,139	641,079	744,847	807,370	881,597	1,006,970	1,097,540
Farm	37,352	34,990	45,115	36,538	38,168	43,416	17,486	20,689	29,483	16,998	20,671	13,735
Nonfarm	154,065	163,514	178,905	202,798	224,142	245,723	623,593	724,158	777,887	864,599	986,299	1,083,805
Earnings by industry:												
Farm	39,952	37,534	47,600	39,115	40,726	45,966	54,443	57,236	66,295	55,370	59,178	53,225
Nonfarm	1,982,553	2,089,991	2,282,013	2,509,174	2,716,367	2,866,732	8,417,897	9,001,906	9,591,102	10,452,674	11,451,107	12,532,042
Private	1,785,137	1,870,955	2,042,144	2,248,821	2,429,535	2,551,585	5,504,489	5,903,965	6,430,780	7,167,356	7,983,701	8,868,125
Agricultural services, forestry, fisheries, and other[7]	3,625	3,875	3,956	6,518	7,253	6,211	33,075	35,070	40,282	43,685	54,196	54,804
Agricultural services	3,338	3,633	3,788	6,333	7,068	6,043	28,709	28,168	31,490	34,781	(D)	(D)
Forestry, fisheries, and other[7]	287	242	168	185	185	168	4,366	6,902	8,792	8,904	(D)	(D)
Mining	2,960	4,204	1,682	2,189	3,004	3,058	12,153	17,463	4,919	8,902	12,585	12,639
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	12,168	17,481	4,917	(D)	(D)	(D)
Metal mining	(L)	(L)	0	(D)	(D)	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(D)	(D)	(D)
Construction	85,825	93,966	103,878	113,238	124,283	129,524	487,578	530,958	610,121	685,541	796,443	1,010,003
Manufacturing	1,040,327	1,078,887	1,175,520	1,288,533	1,372,216	1,408,793	363,151	396,910	416,759	441,504	493,453	524,646
Nondurable goods	410,370	427,343	460,663	499,695	549,534	560,132	279,684	302,772	314,874	335,420	367,146	383,614
Food and kindred products	24,559*	26,148	28,901	31,710	34,587	38,096*	111,116	106,473	118,669	122,782	135,605	136,720
Textile mill products	224,123*	222,666*	247,900*	290,461*	322,179*	323,688*	3,651	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	47,673	51,216	54,307	32,407	35,966	30,428	28,612	33,518	37,392	37,117	38,053	38,662
Paper and allied products	(D)	(D)	(D)	(D)	37,926*	(D)	5,242	5,625	6,311	6,707	(D)	7,515
Printing and publishing	29,297*	33,721*	35,866*	39,148*	38,041*	38,643*	96,626	118,744	113,780	126,464	140,548	154,973
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	9,447	8,939	8,788	9,215	10,230	9,714
Petroleum and coal products	491	503	648	0	0	0	20,613	21,529	21,493	24,565	26,050	27,318
Tobacco manufactures	0	0	0	0	0	0	(D)	(L)	156	183	205	188
Rubber and misc. plastic products	15,694*	(D)	20,245*	(D)	32,762*	(D)	3,094	2,834	3,052	3,238	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	860	(D)
Durable goods	629,957	651,544	714,857	788,838	822,682	848,661	83,467	94,138	101,885	106,084	126,307	141,032
Lumber and wood products	35,440	37,148	42,779	48,363	52,076	57,607	4,090	(D)	6,087	6,368	7,076	7,514
Furniture and fixtures	389,016	393,111	430,920	489,637	509,426	508,492	7,259	8,401	9,057	12,436	13,497	17,232
Primary metal industries	61,882	67,198*	76,191*	76,641*	82,849*	97,046*	(D)	840	950	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	28,914	33,067*	35,072*	(D)	16,470	14,808	17,933	18,531	17,774	16,324
Machinery, except electrical	(D)	(D)	14,182*	16,368*	18,742	18,793	4,534	3,473	3,573	(D)	5,843	6,869
Electric and electronic equipment	70,410*	74,756*	80,367*	87,157*	82,653*	86,911*	597	728	2,436	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,169	15,911	18,684	21,794
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	15,498*	19,933*	19,223*	15,098	(D)	13,790	26,968	32,047	32,277	32,918	42,706	51,322
Instruments and related products	(D)	882*	(D)	(D)	664*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	4,357*	3,559*	3,139*	2,061*	(D)	1,569*	11,587	11,261	11,524	11,655	14,516	10,917
Transportation and public utilities	97,246	96,945	107,606	116,489	123,669	134,791	722,379	750,995	821,775	927,792	1,003,585	1,083,365
Railroad transportation	1,518*	2,425*	2,356*	2,288*	(D)	(D)	0	0	0	0	0	0
Trucking and warehousing	55,266	55,030	59,182	65,352	71,794	73,381	59,029	63,193	69,405	72,789	79,723	89,416
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	61,877	63,718	63,066	78,273	85,422	91,467
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	347,269	354,457	404,900	467,989	507,799	569,794
Communication	(D)	16,645	17,397	17,096	17,064	18,644	191,592	197,006	203,926	225,450	240,121	233,371
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	62,612	72,621	80,478	83,291	90,520	99,317
Wholesale trade	107,319	117,037	125,305	133,920	145,805	162,548	361,835	392,673	410,891	448,186	491,532	534,642
Retail trade	185,179	194,262	211,649	232,291	258,273	271,175	940,831	986,418	1,035,726	1,146,596	1,283,364	1,403,086
Finance, insurance, and real estate	34,523	35,888	38,608	52,464	51,210	51,905	600,436	641,199	722,539	839,811	884,442	951,709
Banking and credit agencies	18,222*	19,401*	20,941*	24,373*	26,975*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	14,180*	14,533*	15,864*	25,532*	21,822*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Services	228,133	245,891	273,940	303,179	343,822	383,580	1,983,051	2,152,279	2,367,768	2,625,339	2,964,101	3,293,231
Hotels and other lodging places	(D)	(D)	(D)	(D)	5,479*	5,649*	295,013	312,297	331,750	384,213	419,924	457,163
Personal services	18,121	20,011*	21,681*	24,272	27,869	29,319*	73,881	87,310	93,937	99,098	111,996	130,030
Private households	5,424	5,516	5,544	5,585	5,954	6,285	19,538	19,817	19,904	20,145	21,513	22,797
Business services	29,951	31,241	35,388	40,853	45,044	50,740	321,034	357,844	396,366	438,435	501,450	579,510
Auto repair, services, and garages	19,832	20,769	21,895	21,980	24,134	27,461	82,050	81,085	85,802	92,249	93,371	102,528
Miscellaneous repair services	10,455	8,199	10,866	11,220	13,059	13,714	29,828	27,164	30,270	32,343	39,726	43,010
Amusement and recreation services	4,341*	5,400*	5,996	6,083	5,806	6,643	64,619	68,485	75,949	81,532	88,004	94,096
Motion pictures	607	538	448	(D)	(D)	523	18,189	16,478	17,957	16,891	15,349	15,667
Health services	86,531*	93,477*	102,466*	119,486*	143,379	155,290	511,966	558,770	608,578	692,325	806,862	873,697
Legal services	11,884	12,621	14,684	15,350	16,744	19,026	174,287	194,455	211,663	238,370	274,041	284,377
Educational services	(D)	(D)	(D)	10,477	(D)	12,617	92,670	98,499	109,335	113,984	123,607	135,219
Social services	3,741	5,235	(D)	(D)	(D)	(D)	41,962	47,320	51,730	57,987	61,053	72,977
Museums, botanical, zoological gardens	0	0	0	0	0	0	4,831	5,162	5,397	6,054	7,117	8,340
Membership organizations	9,745	9,447	9,649	10,325	11,167	11,379	82,649	90,999	97,047	99,519	100,388	108,845
Miscellaneous services	12,868	14,642	17,260	17,899	21,548	25,112	170,534	186,594	232,083	252,194	299,700	364,975
Government and government enterprises	197,416	219,036	239,869	260,353	286,832	315,147	2,913,408	3,097,941	3,160,322	3,285,318	3,467,406	3,663,917
Federal, civilian	13,663	14,711	15,062	15,528	17,174	20,258	888,387	931,611	913,289	952,117	998,361	1,039,629
Military	3,533	3,914	4,253	4,568	4,740	4,873	1,156,991	1,253,020	1,271,512	1,304,492	1,329,931	1,371,123
State and local	180,270	200,411	220,554	240,257	264,918	290,016	868,030	913,310	975,521	1,028,709	1,139,114	1,253,165

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Houma—Thibodaux, LA (MSA)						Houston, TX (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,039,138**	**2,076,034**	**1,975,811**	**1,937,372**	**2,044,107**	**2,147,142**	**46,885,564**	**48,813,398**	**48,186,280**	**48,489,919**	**52,613,619**	**57,378,738**
Nonfarm personal income	2,033,800	2,070,027	1,968,531	1,923,006	2,025,333	2,126,015	46,791,494	48,722,290	48,109,155	48,401,923	52,514,481	57,284,650
Farm income[1]	5,338	6,007	7,280	14,366	18,774	21,127	94,070	91,108	77,125	87,996	99,138	94,088
Population (thousands)[2]	189.0	189.1	187.9	184.1	183.1	181.2	3,192.1	3,204.6	3,257.4	3,228.7	3,247.0	3,260.6
Per capita personal income (dollars)	**10,786**	**10,980**	**10,515**	**10,524**	**11,162**	**11,850**	**14,688**	**15,232**	**14,793**	**15,018**	**16,204**	**17,598**
Derivation of total personal income:												
Total earnings by place of work	1,437,178	1,445,070	1,285,364	1,243,069	1,339,672	1,396,150	40,938,770	42,092,674	40,661,766	40,741,648	44,439,155	48,098,394
Less: Personal contributions for social insurance[3]	78,780	83,597	79,997	79,515	88,843	96,389	2,186,093	2,372,577	2,316,989	2,334,774	2,611,592	2,910,014
Plus: Adjustment for residence	141,823	140,450	142,489	149,617	148,378	150,116	−1,522,245	−1,456,764	−1,361,123	−1,306,170	−1,468,509	−1,638,315
Equals: Net earnings by place of residence	1,500,221	1,501,923	1,347,856	1,313,171	1,399,207	1,449,877	37,230,432	38,263,333	36,983,654	37,100,704	40,359,054	43,550,065
Plus: Dividends, interest, and rent[5]	291,658	299,957	300,296	290,215	303,459	343,792	6,225,177	6,859,341	7,010,581	6,949,220	7,581,242	8,703,797
Plus: Transfer payments	247,259	274,154	327,659	333,986	341,441	353,473	3,429,955	3,690,724	4,192,045	4,439,995	4,673,323	5,124,876
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,184,590	1,181,850	1,021,428	985,544	1,052,838	1,093,102	33,890,852	34,872,495	33,408,071	33,451,112	36,273,314	39,223,475
Other labor income	116,350	111,771	97,598	94,073	100,988	106,247	3,508,008	3,363,257	3,314,729	3,288,028	3,572,244	3,941,593
Proprietors' income[6]	136,238	151,449	166,338	163,452	185,846	196,801	3,539,910	3,856,922	3,938,966	4,002,508	4,593,597	4,933,326
Farm	−549	96	1,376	8,113	12,451	14,650	77,676	75,081	61,424	71,565	82,855	77,778
Nonfarm	136,787	151,353	164,962	155,339	173,395	182,151	3,462,234	3,781,841	3,877,542	3,930,943	4,510,742	4,855,548
Earnings by industry:												
Farm	5,338	6,007	7,280	14,366	18,774	21,127	94,070	91,108	77,125	87,996	99,138	94,088
Nonfarm	1,431,840	1,439,063	1,278,084	1,228,703	1,320,898	1,375,023	40,844,700	42,001,566	40,584,641	40,653,652	44,340,017	48,004,306
Private	1,251,021	1,249,537	1,090,516	1,044,464	1,136,401	1,176,761	37,087,086	37,794,337	36,303,421	36,223,187	39,678,531	42,992,789
Agricultural services, forestry, fisheries, and other[7]	11,160	21,492	25,240	18,446	22,341	21,972	140,755	137,473	128,632*	140,338*	152,838	158,708
Agricultural services	1,547	1,512	1,432	(D)	(D)	2,010	132,495	129,054	118,859*	132,773*	144,414	149,789
Forestry, fisheries, and other[7]	9,613	19,980	23,808	(D)	(D)	19,962	8,260	8,419	9,784	7,572	8,424	8,919
Mining	277,496	293,985	228,559	205,734	214,073	204,845	4,348,768	4,369,321	3,686,207*	3,233,495*	3,610,101	3,623,530
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	26,547	22,629	10,700	10,973	11,243
Oil and gas extraction	(D)	(D)	(D)	(D)	209,934	(D)	4,174,763*	4,194,058*	3,546,191*	3,117,914*	3,565,408	3,562,430*
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	6,484*	7,161*	11,613
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	4,134	(D)	(D)	23,893*	30,458*	26,611*	24,964*	21,222*
Construction	108,610	99,114	68,702	58,018	70,747	76,884	4,111,120	3,646,431	3,324,517	2,982,983	3,290,275	3,719,195
Manufacturing	128,154	118,854	102,122	97,310	111,592	118,915	5,647,972	5,683,331	5,290,658	5,252,439	5,864,156	6,296,542
Nondurable goods	34,707	35,084	36,341	35,847	35,306	36,054	2,797,290	2,858,758	2,876,040	2,938,950	3,109,348	3,233,706
Food and kindred products	25,321	26,084	25,240	23,487	22,760	23,218	359,634*	370,515*	388,875*	397,322*	403,808*	421,770*
Textile mill products	0	0	0	0	0	0	2,544	2,041	1,515	1,170	(D)	2,579*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	20,862*	19,439*	18,522*	19,525*	21,882*	23,119*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	122,547*	125,188*	130,495*	122,442*	127,195*	135,016*
Printing and publishing	(D)	(D)	(D)	(D)	4,274	4,337	377,947	407,379	396,528	403,229	410,763*	431,225*
Chemicals and allied products	(D)	(D)	1,609	2,043	(D)	(D)	931,831	1,008,958*	1,107,511*	1,169,452*	1,409,755*	1,408,401
Petroleum and coal products	0	0	(D)	0	(D)	(D)	824,819*	778,048*	673,317*	654,077	547,511*	595,841
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	152,969*	141,103*	137,361*	156,739*	170,786*	199,229*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	1,310*	(D)	861*
Durable goods	93,447	83,770	65,781	61,463	76,286	82,861	2,850,682	2,824,573	2,414,618	2,313,489	2,754,808	3,062,836
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	833	70,196*	69,045	67,335	69,988	75,775*	74,090*
Furniture and fixtures	0	0	0	0	(D)	(D)	30,360*	30,930*	30,366*	27,801	30,130	34,236*
Primary metal industries	(D)	(D)	0	0	0	(D)	175,411*	121,937*	86,234*	86,447*	99,883*	(D)
Fabricated metal products	(D)	(D)	9,245	8,248	12,223*	14,811*	617,044*	628,797*	566,074*	558,836	634,849	728,724
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	1,192,945*	1,225,454	967,399*	932,366	1,212,043	1,322,313*
Electric and electronic equipment	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	214,410
Transportation equip. excl. motor vehicles	42,981	42,959	31,733	31,266	34,946	29,542	79,170*	(D)	82,688*	72,469*	84,607*	118,014*
Motor vehicles and equipment	0	0	0	0	0	0	23,831*	26,015*	23,860*	25,700	27,616*	28,470*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	174,059	168,959	151,987	141,194	151,124*	181,395
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	155,455*	166,796*	139,333*	123,112*	132,427*	158,148*
Miscellaneous manufacturing industries	85	100	(L)	(L)	(D)	(D)	77,597	72,057	70,343	77,076	88,368*	84,400
Transportation and public utilities	164,975	170,422	143,162	136,265	153,275	163,093	3,180,027	3,345,058	3,183,635	3,172,887	3,645,230	4,032,348
Railroad transportation	2,585	1,876	1,378	904	941	904	160,707	154,411	156,496	161,067	171,589	189,465
Trucking and warehousing	(D)	16,821	15,233	14,019	14,781	16,536	598,387	599,541	590,369*	635,317	674,982*	707,347
Water transportation	86,011	91,770	67,408	64,317	81,498	87,683	283,634*	275,339*	232,668*	241,629*	264,059*	276,651*
Other transportation[8]	17,832	17,475	16,762	17,350	16,465	17,495	615,912*	680,751*	716,897*	796,111*	876,889*	982,737*
Communication	(D)	21,708	19,197	19,122	18,083	18,328	609,421*	687,525*	610,192*	689,311*	711,290*	758,716*
Electric, gas, and sanitary services	20,460	20,772	23,184	20,553	21,507	22,147	902,904	896,116*	815,590*	595,214*	879,404*	1,059,880*
Wholesale trade	88,754	79,602	64,974	62,103	66,207	68,996	3,680,580	3,819,367	3,660,485	3,538,996	3,870,562	4,285,680
Retail trade	160,405	163,014	147,074	144,851	152,369	154,014	3,758,824	3,820,089	3,668,941	3,603,973	3,776,852	3,983,853
Finance, insurance, and real estate	47,910	50,760	50,479	50,216	47,723	45,582	3,106,766	3,219,321	3,316,373	3,499,463	3,466,087	3,480,421
Banking and credit agencies	27,292	28,240	28,520	26,236	25,445	25,443	979,578	1,047,318*	1,057,809*	1,029,803	997,083	1,009,925
Other finance, insurance, and real estate[9]	20,618	22,520	21,959	23,980	22,278	20,139	2,127,188	2,166,859*	2,253,007*	2,469,660	2,469,004	2,470,496
Services	263,557	252,294	260,204	271,521	298,074	322,460	9,112,274	9,753,946	10,037,378	10,792,914	12,002,430	13,412,512
Hotels and other lodging places	(D)	4,492	(D)	2,906	2,842	2,951	259,397*	254,334*	218,831*	225,264*	226,818*	206,987*
Personal services	10,189	12,276	13,602	12,777	14,787	16,568	364,754	414,908	421,418	428,945	479,114	530,841
Private households	8,528	8,569	8,534	8,393	8,750	9,072	177,614	181,080	183,186	183,234	193,664	203,875
Business services	84,775	75,269	68,865	63,245	73,764	80,685	2,299,200	2,545,532	2,484,647	2,627,941	2,957,451	3,430,961
Auto repair, services, and garages	10,456	10,696	11,273	11,060	11,060	11,348	307,191	325,374	329,826	333,654	350,696	384,002
Miscellaneous repair services	17,884	14,500	13,395	11,513	13,283	15,993	170,211	165,592	159,721	161,385	190,340	226,615
Amusement and recreation services	2,808	3,107	2,894	2,874	4,289	3,869	174,078*	193,149*	198,459*	215,273*	235,043*	263,257*
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	22,409*	20,057	18,789	23,748	28,506*	33,433
Health services	64,719	64,148	71,657	83,745	92,214	104,145	2,218,938	2,321,630	2,469,031	2,794,352	3,136,879	3,420,365
Legal services	21,896	23,059	28,082	35,789	34,457	33,068	957,773	1,086,397	1,261,621	1,399,880	1,570,092	1,765,743
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	276,109	303,151	328,296	382,681	431,670	480,524
Social services	3,389	3,965	4,384	4,592	4,713	5,174	115,406	134,576	138,036	151,187	164,979	190,589*
Museums, botanical, zoological gardens	0	0	0	0	0	0	5,743	6,432	8,128*	8,848*	9,402*	10,545*
Membership organizations	9,587	9,130	9,511	10,377	11,858	12,619	237,871	257,054	269,159	281,683	314,297	310,157
Miscellaneous services	19,955	18,355	18,853	19,409	20,873	21,259	1,525,374	1,544,326	1,538,050	1,561,291	1,698,039	1,936,308
Government and government enterprises	180,819	189,526	187,568	184,239	184,497	198,262	3,757,614	4,207,229	4,281,220	4,430,465	4,661,486	5,011,517
Federal, civilian	10,731	11,925	11,516	12,077	13,218	13,772	707,071	766,337	750,819	799,976	862,552	928,780
Military	4,451	4,904	5,231	6,207	6,500	6,677	78,160	87,209	92,599	98,382	101,218	101,390
State and local	165,637	172,697	170,821	165,955	164,779	177,813	2,972,383	3,353,683	3,437,802	3,532,107	3,697,716	3,981,347

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Huntington—Ashland, WV—KY—OH (MSA)						Huntsville, AL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,227,195**	**3,356,458**	**3,461,998**	**3,624,239**	**3,845,424**	**4,073,293**	**2,645,797**	**2,924,865**	**3,197,995**	**3,529,869**	**3,869,363**	**4,201,170**
Nonfarm personal income	3,210,880	3,345,911	3,452,108	3,613,770	3,833,206	4,059,912	2,631,615	2,910,541	3,189,923	3,519,529	3,852,193	4,188,787
Farm income[1]	16,315	10,547	9,890	10,469	12,218	13,381	14,182	14,324	8,072	10,340	17,170	12,383
Population (thousands)[2]	334.6	331.4	327.0	324.4	322.3	319.4	220.3	228.0	225.1	231.1	236.7	239.0
Per capita personal income (dollars)	**9,644**	**10,127**	**10,587**	**11,173**	**11,930**	**12,755**	**12,008**	**12,830**	**14,207**	**15,273**	**16,346**	**17,577**
Derivation of total personal income:												
Total earnings by place of work	2,193,597	2,257,936	2,332,659	2,478,990	2,673,170	2,794,451	2,477,284	2,740,775	3,004,825	3,348,997	3,655,668	3,937,518
Less: Personal contributions for social insurance[3]	126,346	138,400	145,593	154,947	174,765	190,858	147,922	168,827	181,508	197,186	219,951	241,219
Plus: Adjustment for residence	13,372	13,795	2,012	−591	−26,874	−30,564	−361,357	−392,067	−432,554	−488,496	−516,778	−547,057
Equals: Net earnings by place of residence	2,080,623	2,133,331	2,189,078	2,323,452	2,471,531	2,573,029	1,968,005	2,179,881	2,390,763	2,663,315	2,918,939	3,149,242
Plus: Dividends, interest, and rent[5]	465,179	484,837	501,505	490,252	526,165	596,040	303,671	335,110	366,267	394,907	434,927	494,874
Plus: Transfer payments	681,393	738,290	771,415	810,535	847,728	904,224	374,121	409,874	440,965	471,647	515,497	557,054
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,788,687	1,853,101	1,903,244	2,014,228	2,160,743	2,252,084	2,156,790	2,397,136	2,616,250	2,907,019	3,159,645	3,400,815
Other labor income	218,817	215,852	221,226	237,622	258,557	270,808	187,973	200,860	221,664	249,058	279,306	310,813
Proprietors' income[6]	186,093	188,983	208,189	227,140	253,870	271,559	132,521	142,779	166,911	192,920	216,717	225,890
Farm	13,903	8,192	7,561	8,041	9,798	10,939	10,563	10,718	4,501	6,583	13,409	8,565
Nonfarm	172,190	180,791	200,628	219,099	244,072	260,620	121,958	132,061	162,410	186,337	203,308	217,325
Earnings by industry:												
Farm	16,315	10,547	9,890	10,469	12,218	13,381	14,182	14,324	8,072	10,340	17,170	12,383
Nonfarm	2,177,282	2,247,389	2,322,769	2,468,521	2,660,952	2,781,070	2,463,102	2,726,451	2,996,753	3,338,657	3,638,498	3,925,135
Private	1,844,860	1,896,626	1,956,614	2,077,833	2,280,409	2,388,922	1,662,965	1,865,847	2,128,274	2,405,042	2,671,265	2,866,778
Agricultural services, forestry, fisheries, and other[7]	7,407	6,247	5,903	5,969	6,945	7,505	6,260	4,234	3,836	5,627	6,227	7,195
Agricultural services	7,063	6,036	(D)	5,894	6,870	7,437	6,220	4,109	3,759	5,570	6,184	7,152
Forestry, fisheries, and other[7]	344	211	(D)	75	75	68	(L)	125	77	57	(L)	(L)
Mining	38,831	40,922	34,461	44,134	52,321	53,022	2,450	3,609	2,256	2,247	4,314	4,605
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	6,463	(D)	(D)	(D)	(D)	921	1,062	1,722	1,806
Metal mining	(L)	(L)	0	0	63	(D)	(L)	(L)	(L)	71	74	84
Nonmetallic minerals, except fuels	(D)	(D)	(D)	2,218*	(D)	2,819	(D)	(D)	1,336	1,114	2,518	2,715
Construction	110,688	117,736	110,706	125,916	142,347	163,978	90,546	102,114	120,978	142,324	145,557	139,261
Manufacturing	637,201	629,869	640,990	678,747	730,473	744,466	757,165	819,614	875,005	940,496	1,054,897	1,120,167
Nondurable goods	226,527	237,986	243,873	273,810	310,092	294,450	121,937	127,279	128,250	131,027	142,091	147,345
Food and kindred products	14,488*	(D)	(D)	(D)	(D)	(D)	19,296	20,831	21,844	22,847	22,057	22,306
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	7,694	9,917	7,161	3,413	3,881	4,525
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,780	(D)	7,024	7,715	8,314	9,557
Printing and publishing	(D)	(D)	15,675*	(D)	(D)	(D)	10,673	11,159	12,793	14,246	15,325	16,077
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,444	1,776
Petroleum and coal products	120,765*	127,979	131,686	157,503	188,995	169,245	571	638	748	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	191	183	204	(D)	(D)	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	48,839	50,862	55,660	59,893	73,942	85,714
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)
Durable goods	410,674	391,883	397,117	404,937	420,381	450,016	635,228	692,335	746,755	809,469	912,806	972,822
Lumber and wood products	5,937	(D)	(D)	(D)	(D)	(D)	4,386	4,067	4,299	(D)	5,264	6,161
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	2,091	(D)	(D)	(D)	605	679	654
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	10,132	10,970	11,435	13,047	15,272	17,009
Fabricated metal products	10,158	10,108	11,011	(D)	14,240	17,484*	34,290	35,574	33,148	34,523	36,595	41,155
Machinery, except electrical	(D)	(D)	(D)	21,772*	24,410*	26,778*	98,074	128,965	148,868	175,951	246,933	272,227
Electric and electronic equipment	4,117*	5,475*	5,943*	4,922	(D)	6,181*	270,623	270,671	278,997	274,903	262,673	252,525
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	182,166	198,141	221,741	248,355	282,043	321,937
Motor vehicles and equipment	(D)	1,582	1,419	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,672	10,494
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	21,647	27,463	28,364	30,960	33,709	33,905
Instruments and related products	(D)	8,745	9,111	8,310	7,574	6,111	6,028	8,202	11,141	17,170	19,483	16,116
Miscellaneous manufacturing industries	408*	(D)	(D)	(D)	(D)	(D)	458	449	395	425	483	639
Transportation and public utilities	285,342	286,099	281,210	280,094	302,998	307,753	61,448	64,878	75,748	85,982	85,549	94,346
Railroad transportation	141,020	140,350	133,620	127,473	141,050	137,523	553	608	627	687	804	911
Trucking and warehousing	38,419	36,979	37,920	40,451	45,768	44,845	13,708	13,301	16,591	17,243	17,886	18,579
Water transportation	(D)	20,553*	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	30,810*	(D)	(D)	(D)	(D)	(D)	34,797	36,085	41,675	47,836	50,274	55,585
Electric, gas, and sanitary services	(D)	(D)	(D)	42,922*	46,990*	53,532	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	124,477	132,911	131,383	139,175	144,709	149,779	90,396	100,332	107,634	117,724	137,134	150,190
Retail trade	222,366	227,911	238,364	245,662	260,196	272,310	176,147	197,193	218,019	239,765	256,705	268,614
Finance, insurance, and real estate	73,564	80,059	92,365	96,314	91,004	91,626	54,604	62,594	73,038	88,451	87,386	91,164
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	22,770	25,509	28,306	30,633	33,192	36,869
Other finance, insurance, and real estate[9]	(D)	(D)	46,315*	(D)	(D)	(D)	31,834	37,085	44,732	57,818	54,194	54,295
Services	344,984	374,872	421,232	461,822	549,416	598,483	423,949	511,279	651,760	782,426	893,496	991,236
Hotels and other lodging places	6,805*	(D)	(D)	7,973*	7,853*	7,963*	9,613	11,809	16,326	17,453	16,898	17,187
Personal services	23,462	27,609	30,876	32,660	37,249	39,771	12,616	16,563	18,951	21,240	23,615	25,902
Private households	8,414	8,371	8,269	8,179	8,543	8,859	10,296	10,367	10,374	10,402	10,985	11,501
Business services	28,189	31,525	35,522	37,102	45,886	55,508	158,728	212,433	301,699	367,475	405,748	457,787
Auto repair, services, and garages	16,536	18,926	21,877	23,379	24,964	25,987	13,645	15,699	17,564	19,595	21,594	22,256
Miscellaneous repair services	8,291*	7,396	9,245	8,984	11,706	10,234	5,828	6,014	7,212	7,403	8,882	9,789
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	3,507	4,209	4,756	5,366	6,101	6,955
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	968	1,422	2,211	2,730	2,997	3,492
Health services	162,821	179,528	195,685	225,373	288,057	312,840	98,786	107,506	117,967	145,697	170,923	176,438
Legal services	24,727	25,535	29,973	30,803	35,207	39,259	12,644	15,018	18,610	20,994	22,126	27,050
Educational services	3,570	4,057	4,044	3,657	4,110	4,263	9,089	10,010	10,177	11,956	12,612	13,549
Social services	10,979*	12,110*	14,568*	15,344*	12,803*	14,427*	5,559	6,041	6,509	6,981	7,918	9,336
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	18,946*	20,595	21,709	22,609	24,747	26,133	11,091	11,732	12,895	13,897	15,624	16,358
Miscellaneous services	23,006	25,178	33,545	36,406	38,144	42,416	71,579	82,456	106,509	131,237	167,473	193,636
Government and government enterprises	332,422	350,763	366,155	390,688	380,543	392,148	800,137	860,604	868,479	933,615	967,233	1,058,357
Federal, civilian	74,657	75,911	75,613	80,069	85,430	90,660	521,873	547,543	531,209	579,633	588,082	643,421
Military	7,752	8,267	8,837	9,452	9,464	9,574	88,374	96,904	99,190	101,029	99,499	99,616
State and local	250,013	266,585	281,705	301,167	285,649	291,914	189,890	216,157	238,080	252,953	279,652	315,320

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Indianapolis, IN (MSA)						Iowa City, IA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**15,737,856**	**16,884,836**	**18,042,438**	**19,502,494**	**20,969,149**	**22,623,240**	**1,116,062**	**1,174,020**	**1,258,333**	**1,326,523**	**1,429,829**	**1,571,920**
Nonfarm personal income	15,644,382	16,792,394	17,965,593	19,413,156	20,907,387	22,522,176	1,095,212	1,156,939	1,228,263	1,298,609	1,411,170	1,554,834
Farm income[1]	93,474	92,442	76,845	89,338	61,762	101,064	20,850	17,081	30,070	27,914	18,659	17,086
Population (thousands)[2]	1,194.3	1,203.4	1,209.6	1,225.1	1,236.6	1,251.3	85.3	85.5	85.2	85.6	86.7	87.9
Per capita personal income (dollars)	**13,178**	**14,031**	**14,916**	**15,919**	**16,957**	**18,080**	**13,080**	**13,738**	**14,770**	**15,501**	**16,493**	**17,890**
Derivation of total personal income:												
Total earnings by place of work	12,472,877	13,433,839	14,421,263	15,768,553	17,050,776	18,254,622	879,319	919,712	993,007	1,062,151	1,165,403	1,280,961
Less: Personal contributions for social insurance[3]	694,162	787,497	853,963	909,450	1,021,356	1,128,001	41,951	45,799	49,901	54,122	61,408	70,200
Plus: Adjustment for residence	−366,125	−373,732	−407,705	−458,365	−496,217	−542,221	−5,772	−5,875	−10,242	−8,587	−12,444	−17,629
Equals: Net earnings by place of residence	11,412,590	12,272,610	13,159,595	14,400,738	15,533,203	16,584,400	831,596	868,038	932,864	999,442	1,091,551	1,193,132
Plus: Dividends, interest, and rent[5]	2,347,957	2,506,184	2,620,350	2,736,760	2,915,261	3,346,974	181,568	189,664	201,680	197,405	201,563	229,994
Plus: Transfer payments	1,977,309	2,106,042	2,262,493	2,364,996	2,520,685	2,691,866	102,898	116,318	123,789	129,676	136,715	148,794
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,386,901	11,223,389	12,032,389	13,119,954	14,196,176	15,148,211	698,682	736,726	785,761	840,003	927,021	1,023,138
Other labor income	1,059,957	1,085,211	1,159,393	1,229,524	1,314,622	1,427,765	72,495	73,188	79,725	86,160	96,582	107,672
Proprietors' income[6]	1,026,019	1,125,239	1,229,481	1,419,075	1,539,978	1,678,646	108,142	109,798	127,521	135,988	141,800	150,151
Farm	76,750	76,440	61,528	73,925	46,959	86,855	17,323	13,784	26,988	24,921	15,865	14,532
Nonfarm	949,269	1,048,799	1,167,953	1,345,150	1,493,019	1,591,791	90,819	96,014	100,533	111,067	125,935	135,619
Earnings by industry:												
Farm	93,474	92,442	76,845	89,338	61,762	101,064	20,850	17,081	30,070	27,914	18,659	17,086
Nonfarm	12,379,403	13,341,397	14,344,418	15,679,215	16,989,014	18,153,558	858,469	902,631	962,937	1,034,237	1,146,744	1,263,875
Private	10,590,230	11,415,604	12,296,446	13,487,600	14,631,635	15,635,982	460,010	473,210	505,491	539,897	601,033	666,108
Agricultural services, forestry, fisheries, and other[7]	37,693	38,310	36,588	53,985	60,527	66,099	4,391	4,659	4,163	5,472	6,224	6,004
Agricultural services	35,894*	36,635*	35,114*	52,113*	58,471*	63,861*	4,289	4,603	4,149	5,447	6,212	5,997
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	102	56	(L)	(L)	(L)	(L)
Mining	52,043	62,435	39,288	41,711	48,688	57,478	2,627	3,075	2,240	2,401	2,400	2,517
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	27,885*	9,563*	9,467*	13,538*	14,508*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	8,863*	10,056*	12,223*	14,226*	(D)	17,338*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	696,756	781,446	913,890	995,578	1,110,215	1,221,344	47,374	39,233	42,732	40,612	46,979	55,236
Manufacturing	3,323,821	3,441,489	3,491,099	3,660,464	3,794,692	3,941,713	92,896	92,436	99,125	107,503	120,076	129,690
Nondurable goods	1,005,482	1,047,247	1,081,938	1,216,677	1,255,152*	1,438,272	70,684	72,042	76,934	81,028	89,410	93,897
Food and kindred products	150,060*	159,011*	165,052*	166,330*	168,174*	172,680*	12,882	11,853	11,864	12,199	12,453	12,711
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	216,394*	233,750*	245,946*	268,910*	290,045*	310,033	13,079	14,163	15,882	17,139	19,428	20,535
Chemicals and allied products	(D)	(D)	(D)	(D)	526,373*	576,846*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	21,398	21,806	23,374*	26,913*	28,522*	62,927*	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	83,974*	81,834*	86,129*	97,714*	111,626*	118,782*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	2,318,339	2,394,242	2,409,161	2,443,787	2,457,857*	2,503,441	22,212	20,394	22,191	26,475	30,666	35,793
Lumber and wood products	32,013*	35,301*	(D)	47,474*	(D)	54,171*	1,713	989	1,459	1,657	1,680	1,521
Furniture and fixtures	(D)	(D)	(D)	16,357*	15,223*	(D)	(D)	179	310	330	(D)	385
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0	(D)
Fabricated metal products	220,191*	230,204*	243,866*	250,891*	269,241*	272,520*	240	243	295	(D)	(D)	(D)
Machinery, except electrical	350,959*	364,341*	362,388*	365,323*	480,607*	499,271*	192	223	235	524	494	1,500
Electric and electronic equipment	314,955*	283,144*	213,323*	215,578*	238,660*	231,032*	(D)	(D)	(D)	9,848	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	0
Motor vehicles and equipment	485,749*	543,916*	551,660*	546,628*	457,134*	462,245*	0	0	0	0	0	0
Stone, clay, and glass products	63,340*	66,182*	74,117*	77,901*	82,635*	87,059*	1,454	1,160	1,390	(D)	(D)	(D)
Instruments and related products	67,748*	70,530*	87,578*	95,169*	105,988*	115,411*	369	506	624	1,068	(D)	1,006
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	32,703*	36,679*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	943,934*	1,006,704*	1,091,690*	1,286,117	1,382,453	1,474,596	29,753	31,810	33,993	33,416	35,625	42,519
Railroad transportation	104,032*	105,869*	103,250*	(D)	(D)	(D)	1,784	1,739	1,672	1,646	1,743	1,913
Trucking and warehousing	336,996*	395,416	406,901*	476,119	517,412	550,230	13,942	14,622	16,078	15,804	16,559	21,829
Water transportation	−97	−57	−79	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	100,591*	111,121*	128,444*	145,394*	156,021*	184,070*	2,618	(D)	(D)	(D)	(D)	(D)
Communication	288,846	(D)	(D)	(D)	385,660	401,401	6,828	7,642	8,267	8,394	8,485	9,407
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,086	5,201	4,735	5,683	6,033
Wholesale trade	948,828	1,028,538	1,088,866	1,187,503	1,319,857	1,418,130	26,407	28,203	28,228	33,153	36,130	37,261
Retail trade	1,262,342	1,345,087	1,459,628	1,588,039	1,706,611	1,808,070	77,353	79,159	81,701	85,623	93,022	99,978
Finance, insurance, and real estate	878,574	949,852	1,062,107	1,279,704	1,343,080	1,394,457	24,033	26,263	28,925	35,551	33,386	34,460
Banking and credit agencies	227,763*	250,980*	289,236*	321,976*	343,297*	374,233*	11,924	12,384	12,738	13,582	14,104	14,911
Other finance, insurance, and real estate[9]	638,481*	686,754*	766,390*	934,371*	977,985*	998,750*	12,109	13,879	16,187	21,969	19,282	19,549
Services	2,319,418*	2,622,997*	2,961,208*	3,394,499	3,865,512	4,254,095	155,176	168,372	184,384	196,166	227,191	258,443
Hotels and other lodging places	57,054*	65,363*	73,090*	84,995*	90,813*	100,732*	4,617	5,437	5,302	5,398	5,476	5,817
Personal services	116,754	147,551	150,909*	162,565*	198,478	224,627	8,876	11,230	12,677	15,018	18,418	21,293
Private households	30,685*	30,761*	30,591*	30,562*	32,291*	33,876*	1,557	1,542	1,518	1,500	1,580	1,655
Business services	385,400	469,914	555,220	632,730	727,876	824,875	31,958	35,777	41,150	41,969	49,365	59,801
Auto repair, services, and garages	101,796	116,402	128,000	140,445	150,186	162,645	4,920	5,514	6,453	6,991	7,602	8,068
Miscellaneous repair services	50,421	51,324	58,457	55,805	63,149	70,095	2,814	2,390	2,837	2,724	3,262	3,387
Amusement and recreation services	57,296	66,655	78,520	89,743	104,083	111,440	1,429	1,367	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	11,914*	14,188*	18,132*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	858,066	954,083	1,042,782	1,210,036	1,378,278	1,496,294	56,599	59,242	61,695	65,702	77,280	87,176
Legal services	210,865	230,621	264,943	280,699	325,245	360,109	8,087	7,916	8,914	9,926	11,650	12,892
Educational services	68,764	75,636	84,447	90,777	97,412	104,364	2,127	2,362	2,252	2,434	2,641	2,816
Social services	72,651*	80,138	87,456	98,004	106,876	117,819	4,802	5,425	6,041	6,657	7,538	8,698
Museums, botanical, zoological gardens	5,328*	(D)	(D)	7,055*	9,748*	11,949*	(D)	(D)	0	0	0	0
Membership organizations	130,943	135,804	142,283	155,043	170,393	177,329	4,597	4,752	4,829	5,076	5,472	5,924
Miscellaneous services	207,559	233,909	299,138	332,164	390,970	433,720	22,490	25,091	28,868	30,832	34,869	38,551
Government and government enterprises	1,789,173	1,925,793	2,047,972	2,191,615	2,357,379	2,517,576	398,459	429,421	457,446	494,340	545,711	597,767
Federal, civilian	476,776	519,454	531,821	565,216	605,301	658,643	34,350	36,179	37,018	40,989	44,075	47,554
Military	103,535	113,458	123,657	129,475	124,954	120,864	2,303	2,541	2,861	3,283	3,034	3,224
State and local	1,208,862	1,292,881	1,392,494	1,496,924	1,627,124	1,738,069	361,806	390,701	417,567	450,068	498,602	546,989

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Jackson, MI (MSA)						Jackson, MS (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,675,771**	**1,746,755**	**1,869,066**	**2,021,098**	**2,117,455**	**2,260,745**	**4,203,487**	**4,462,544**	**4,686,269**	**4,982,480**	**5,353,447**	**5,775,201**
Nonfarm personal income	1,670,252	1,740,364	1,861,039	2,008,911	2,107,174	2,245,551	4,159,763	4,435,739	4,653,988	4,947,179	5,309,739	5,738,979
Farm income[1]	5,519	6,391	8,027	12,187	10,281	15,194	43,724	26,805	32,281	35,301	43,708	36,222
Population (thousands)[2]	144.2	143.4	145.7	148.4	149.5	151.2	379.6	388.3	392.4	394.4	396.2	398.9
Per capita personal income (dollars)	**11,622**	**12,183**	**12,830**	**13,616**	**14,168**	**14,950**	**11,074**	**11,491**	**11,942**	**12,633**	**13,512**	**14,479**
Derivation of total personal income:												
Total earnings by place of work	1,090,217	1,120,606	1,186,296	1,319,285	1,381,390	1,461,322	3,329,620	3,516,836	3,722,830	3,951,026	4,248,472	4,497,953
Less: Personal contributions for social insurance[3]	67,576	73,046	75,052	87,823	95,708	104,803	184,457	205,026	226,711	229,861	251,653	274,421
Plus: Adjustment for residence	100,816	114,259	128,627	130,652	142,062	144,310	−80,172	−89,216	−107,211	−114,941	−119,211	−97,210
Equals: Net earnings by place of residence	1,123,457	1,161,819	1,239,871	1,362,114	1,427,744	1,500,829	3,064,991	3,222,594	3,388,908	3,606,224	3,877,608	4,126,322
Plus: Dividends, interest, and rent[5]	271,083	284,379	301,694	310,771	335,619	384,167	554,270	606,305	628,216	661,874	707,062	810,024
Plus: Transfer payments	281,231	300,557	327,501	348,213	354,092	375,749	584,226	633,645	669,145	714,382	768,777	838,855
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	913,013	941,137	991,432	1,099,048	1,151,443	1,212,126	2,722,315	2,903,653	3,045,751	3,219,235	3,443,830	3,638,576
Other labor income	106,693	103,228	108,341	118,781	123,258	131,774	262,935	267,473	286,069	297,659	318,065	341,561
Proprietors' income[6]	70,511	76,241	86,523	101,456	106,689	117,422	344,370	345,710	391,010	434,132	486,577	517,816
Farm	2,525	3,458	5,151	9,166	7,278	12,162	34,446	17,616	23,167	25,685	34,038	26,383
Nonfarm	67,986	72,783	81,372	92,290	99,411	105,260	309,924	328,094	367,843	408,447	452,539	491,433
Earnings by industry:												
Farm	5,519	6,391	8,027	12,187	10,281	15,194	43,724	26,805	32,281	35,301	43,708	36,222
Nonfarm	1,084,698	1,114,215	1,178,269	1,307,098	1,371,109	1,446,128	3,285,896	3,490,031	3,690,549	3,915,725	4,204,764	4,461,731
Private	929,213	949,326	997,939	1,115,184	1,168,841	1,231,608	2,626,401	2,784,465	2,952,537	3,161,502	3,375,655	3,547,106
Agricultural services, forestry, fisheries, and other[7]	2,205	2,184	2,130	3,149	3,183	3,225	17,884	11,124	5,762	(D)	7,367	10,757
Agricultural services	2,118	2,123	2,089	3,112	3,149	3,195	5,361	5,375	5,536	(D)	7,814	(D)
Forestry, fisheries, and other[7]	87	61	(L)	(L)	(L)	(L)	12,523	5,749	226	1,517	−447	(D)
Mining	11,993	12,355	9,761	12,292	14,247	13,039	64,378	64,321	48,216	(D)	32,583	33,124
Coal mining	(L)	(L)	(L)	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	64,303	64,264	47,260*	(D)	32,512	33,051
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	71	52	(D)	52	67	69
Construction	33,771	39,306	47,500	49,451	55,596	60,490	186,863	195,723	208,967	213,889	225,618	211,200
Manufacturing	333,359	351,209	363,439	388,269	412,669	438,992	415,145	452,023	461,827	472,051	508,537	524,388
Nondurable goods	41,693	42,902	45,743	63,459	71,010	72,756	148,538	161,522	168,792	173,760	180,548	190,370
Food and kindred products	13,001	14,255	16,427	16,924	19,594	20,182	58,656*	71,867	71,738	78,110	81,812	87,512
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	305	402	854	1,284	1,175	1,153	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	(D)	203	(D)	(D)	(D)	15,251*	16,796*	17,820*	22,189	23,417	22,842*
Printing and publishing	7,652	8,968	9,525	11,155	11,669	12,997	21,886	23,720	23,590	24,419	25,696	28,193
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	19,116	17,484	22,867	16,127	18,788	18,312
Petroleum and coal products	0	0	0	991	838	857	2,417	(D)	(D)	(D)	(D)	3,331
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	15,537	13,632	13,945	27,216	29,265	28,975	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	291,666	308,307	317,696	324,810	341,659	366,236	266,607	290,501	293,035	298,291	327,989	334,018
Lumber and wood products	(D)	(D)	(D)	1,040	1,246	1,312	11,667	13,738	16,251	13,274	14,325	14,160
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	27,469	27,735	29,289	27,545	31,676	33,197	11,053	11,891	(D)	(D)	(D)	(D)
Fabricated metal products	85,185	91,323	96,211	108,062	126,107	112,418	26,201	27,185	37,032	35,067	40,138	46,382
Machinery, except electrical	65,997	71,009	72,707	78,566	65,618	70,968	26,601	28,340	27,337	30,862	33,763	33,397
Electric and electronic equipment	15,666	17,061	18,451	20,009	19,166	16,547	107,957	115,378	105,883	100,366	114,042	112,108
Transportation equip. excl. motor vehicles	1,422	1,459	1,399	1,231	4,619	31,921	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	80,428	82,538	82,208	69,035	71,335	77,321	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,710	1,982	2,185	2,707	3,203	3,742	31,671	26,281	27,183	27,529	29,406	31,987
Instruments and related products	8,121	8,924	9,169	(D)	(D)	(D)	(D)	(D)	(D)	1,345*	2,256*	1,562*
Miscellaneous manufacturing industries	288	329	385	(D)	544	775	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	(D)	190,526	(D)	302,394	324,140	342,195	389,755	411,302	448,963
Railroad transportation	10,056	10,870	10,295	9,562	8,699	7,609	16,210	15,428	13,230	9,995	8,985	8,737
Trucking and warehousing	14,844	15,247	16,605	22,563	(D)	22,471	104,725	112,440	126,698	144,269	160,806	173,413
Water transportation	0	(L)	(D)	(D)	(L)	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,220	3,593	4,393	4,698	4,971	(D)	(D)	(D)	(D)	(D)	46,435	45,681
Communication	8,340	6,852	7,060	7,208	9,547	9,991	105,726	106,792	109,414	123,685	126,609*	137,612*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	48,836	48,267*	51,868*	61,625*	62,860*	73,371*
Wholesale trade	40,755	44,725	48,894	55,768	62,534	69,970	288,369	288,722	296,135	309,246	325,931	347,610
Retail trade	110,626	112,128	119,555	125,172	138,066	146,675	365,945	379,519	395,208	415,580	439,750	450,778
Finance, insurance, and real estate	32,896	35,440	41,006	52,339	38,009	37,656	288,104	314,428	353,299	399,022	412,196	416,347
Banking and credit agencies	16,120	16,285	19,009	20,116	(D)	(D)	82,328*	92,106*	104,813*	(D)	(D)	118,605*
Other finance, insurance, and real estate[9]	16,776	19,155	21,997	32,223	(D)	(D)	182,937*	197,853*	221,170*	(D)	278,461*	269,288*
Services	(D)	(D)	(D)	(D)	254,011	(D)	697,319	754,465	840,928	916,894	1,012,371	1,103,939
Hotels and other lodging places	3,064	4,310	2,604	3,784	3,655	3,721	16,487*	18,411*	16,871*	17,988*	18,204*	19,173
Personal services	10,710	12,955	12,837	13,979	16,612	19,313	34,501	37,359	39,102	40,233	44,872	45,805
Private households	4,405	4,416	4,411	4,419	4,666	4,885	18,927	19,072	18,993	18,888	19,850	20,720
Business services	19,156	20,034	21,345	25,015	24,336	29,585	89,444	107,504	124,535	137,934	152,834	174,441
Auto repair, services, and garages	7,125	8,716	9,578	10,174	11,661	12,337	31,454	35,113	35,591	35,670	36,545	39,550
Miscellaneous repair services	4,717	5,306	6,244	6,342	6,515	7,209	14,192	13,035*	15,274*	14,806	17,463	19,025
Amusement and recreation services	6,032	6,348	7,758	7,967	8,512	9,065	8,467	8,991	(D)	(D)	(D)	12,288
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	965*	1,311
Health services	73,158	74,766	81,966	90,242	97,473	103,387	241,156	253,825	271,886	308,929	342,122	371,391
Legal services	7,044	7,031	8,100	8,730	9,642	10,228	74,710	82,388	95,694	101,301	117,903	130,892
Educational services	6,225	6,638	8,097	9,145	9,176	10,299	29,228	32,979	36,985	39,821	43,815	46,784
Social services	6,047	6,174	7,529	8,500	8,648	9,851	12,474	14,237	16,634	15,118	18,072	19,695
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Membership organizations	10,917	11,789	12,100	13,905	15,868	16,753	28,951	28,522	29,116	29,900	30,807	31,231
Miscellaneous services	46,340	39,200	41,838	42,786	36,971	36,941	96,593	101,308	127,325	143,597	155,746	171,633
Government and government enterprises	155,485	164,889	180,330	191,914	202,268	214,520	659,495	705,566	738,012	754,223	829,109	914,625
Federal, civilian	12,180	12,717	12,737	13,287	13,972	14,248	113,189	121,874	123,939	131,864	147,654	159,713
Military	1,541	1,688	1,817	2,007	2,100	2,161	17,670	19,547	21,763	23,075	23,676	23,772
State and local	141,764	150,484	165,776	176,620	186,196	198,111	528,636	564,145	592,310	599,284	657,779	731,140

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Jackson, TN (MSA)						Jacksonville, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**774,761**	**821,440**	**879,825**	**945,131**	**1,029,029**	**1,101,986**	**9,934,795**	**10,910,756**	**11,839,820**	**12,853,240**	**13,868,859**	**14,963,825**
Nonfarm personal income	770,510	819,228	877,317	935,102	1,020,314	1,095,688	9,887,375	10,860,532	11,777,167	12,792,949	13,815,890	14,906,132
Farm income[1]	4,251	2,212	2,508	10,029	8,715	6,298	47,420	50,224	62,653	60,291	52,969	57,693
Population (thousands)[2]	76.6	77.8	78.0	78.0	78.2	78.4	798.1	825.4	852.9	877.9	898.1	922.8
Per capita personal income (dollars)	**10,112**	**10,561**	**11,279**	**12,118**	**13,151**	**14,062**	**12,448**	**13,219**	**13,882**	**14,640**	**15,443**	**16,215**
Derivation of total personal income:												
Total earnings by place of work	674,600	709,701	764,572	828,682	904,009	966,265	7,716,029	8,452,861	9,251,362	10,067,288	10,788,620	11,395,399
Less: Personal contributions for social insurance[3]	38,730	43,140	46,103	47,189	53,664	59,841	417,059	478,106	528,441	547,613	611,903	665,819
Plus: Adjustment for residence	−110,247	−115,407	−126,479	−139,216	−152,836	−166,048	−71,402	−77,061	−87,616	−87,172	−75,167	−57,764
Equals: Net earnings by place of residence	525,623	551,154	591,990	642,277	697,509	740,376	7,227,568	7,897,694	8,635,305	9,432,503	10,101,550	10,671,816
Plus: Dividends, interest, and rent[5]	112,999	123,336	124,579	128,416	144,479	166,016	1,272,348	1,430,519	1,544,056	1,641,698	1,826,692	2,144,310
Plus: Transfer payments	136,139	146,950	163,256	174,438	187,041	195,594	1,434,879	1,582,543	1,660,459	1,779,039	1,940,617	2,147,699
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	547,981	579,520	619,048	664,301	724,896	780,516	6,668,666	7,315,356	7,947,746	8,636,048	9,252,583	9,742,797
Other labor income	54,743	55,404	61,926	65,923	71,433	76,886	584,020	619,443	677,658	727,195	778,178	832,470
Proprietors' income[6]	71,876	74,777	83,598	98,458	107,680	108,863	463,343	518,062	625,958	704,045	757,859	820,132
Farm	2,874	848	1,136	8,569	7,236	4,770	36,458	39,358	51,872	48,970	41,618	46,210
Nonfarm	69,002	73,929	82,462	89,889	100,444	104,093	426,885	478,704	574,086	655,075	716,241	773,922
Earnings by industry:												
Farm	4,251	2,212	2,508	10,029	8,715	6,298	47,420	50,224	62,653	60,291	52,969	57,693
Nonfarm	670,349	707,489	762,064	818,653	895,294	959,967	7,668,609	8,402,637	9,188,709	10,006,997	10,735,651	11,337,706
Private	559,400	587,327	633,042	678,092	743,213	795,959	6,020,773	6,583,206	7,234,138	7,930,938	8,564,502	8,965,721
Agricultural services, forestry, fisheries, and other[7]	1,576	1,421	1,512	2,846	2,848	3,143	41,664	46,314	51,041	62,687	65,452	72,191
Agricultural services	1,518	1,357	1,436	2,768	2,775	3,075	29,138*	33,644	32,105*	(D)	(D)	46,766*
Forestry, fisheries, and other[7]	58	64	76	78	73	68	9,438*	12,670	15,838*	(D)	(D)	19,595*
Mining	702	999	506	815	1,109	1,242	26,038	34,212	20,426	20,777	34,644	35,406
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	392	382	369*	195	230	248
Oil and gas extraction	700	998	(D)	(D)	(D)	(D)	12,182	17,878*	5,037*	5,689	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	0	0	(D)	(D)	(D)	(D)	(D)	1,418	1,739*	(D)	(D)	(D)
Construction	40,915	41,862	53,223	58,350	69,708	90,099	568,891	664,230	759,012	742,331	766,927	763,764
Manufacturing	196,880	202,228	225,876	234,506	244,543	246,385	844,626	922,869	973,817	1,019,297	1,060,237	1,095,663
Nondurable goods	79,788	82,838	88,517	94,220	103,843	106,210	453,167	489,218	495,877	506,927	514,724	529,265
Food and kindred products	51,013	57,175	61,733	61,462	62,525	68,290	140,984*	146,759*	156,516*	158,758*	164,353*	159,080*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	508	724	(D)
Apparel and other textile products	2,947	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,147*	(D)	(D)
Paper and allied products	7,657	7,526	7,809	8,965	17,769	13,939	118,681	125,844	110,336	114,401	118,795	130,299
Printing and publishing	4,341	5,401	6,506	7,330	8,384	9,151	78,327*	88,216	97,232	101,155	101,381	102,473
Chemicals and allied products	(D)	(D)	(D)	2,168	3,178	3,409	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	(D)	144	5,984	6,704	8,078*	8,749	9,294	9,521
Tobacco manufactures	0	0	0	0	0	0	12,535	12,302	12,376	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	1,192	1,252	1,667	2,407	2,957	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	117,092	119,390	137,359	140,286	140,700	140,175	391,459	433,651	477,940	512,370	545,513	566,398
Lumber and wood products	19,368	20,541	22,490	25,970	26,343	23,710	29,429	27,908	32,639	31,048	32,376	32,370
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	20,373*	21,290*	21,710*	23,274*	22,378*	22,275*
Primary metal industries	24,910	(D)	(D)	(D)	(D)	22,503	(D)	(D)	(D)	(D)	(D)	44,527
Fabricated metal products	2,400	2,920	4,201	7,532	4,184	11,481	72,434*	76,442*	84,745*	88,824*	89,268*	97,649*
Machinery, except electrical	(D)	(D)	22,914	25,763	34,468	47,450	31,693*	36,888*	41,093*	46,300	50,943	46,703
Electric and electronic equipment	(D)	(D)	(D)	(D)	3,849	1,511	7,327*	8,567*	(D)	(D)	12,812*	14,986*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	105,648*	(D)	(D)	(D)	134,724*	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	4,677	4,949	4,069	4,075	2,878*	(D)
Stone, clay, and glass products	38,365	40,137	39,480	27,376	(D)	(D)	56,773*	65,178*	85,490*	88,619*	92,085*	95,633*
Instruments and related products	(D)	(D)	(D)	663	804	(D)	16,685*	18,828*	(D)	(D)	(D)	44,103*
Miscellaneous manufacturing industries	288	275	346	417	489	642	7,206*	6,970*	7,775*	7,919*	8,834*	9,342*
Transportation and public utilities	46,615	49,305	47,373	46,624	49,705	48,319	763,858	789,918	802,323	861,568	897,126	943,761
Railroad transportation	18,519	18,710	12,463	8,463	8,809	8,614	161,171	144,841	138,276	131,907	153,900	164,849
Trucking and warehousing	12,495	12,965	15,478	16,765	20,158	18,848	203,858	211,206	238,709	268,450	291,435	307,345
Water transportation	0	0	0	0	0	0	45,051*	51,022	48,437*	65,913*	68,918*	66,984*
Other transportation[8]	1,135	1,987	2,235	2,549	2,727	2,689	74,288*	79,376*	83,100*	88,367*	94,862*	107,305*
Communication	14,344	15,325	16,398	17,867	17,120	17,352	245,710*	266,871	243,104	258,954*	233,993*	240,451*
Electric, gas, and sanitary services	122	318	799	980	891	816	(D)	(D)	(D)	36,209*	41,025*	44,837*
Wholesale trade	45,260	48,072	35,247	37,012	39,194	42,167	647,591	688,146	742,288	803,621	893,477	897,704
Retail trade	71,732	75,277	80,211	85,700	102,906	107,572	841,697	919,632	980,516	1,069,565	1,177,182	1,218,385
Finance, insurance, and real estate	23,408	24,238	27,047	33,166	31,586	31,387	712,726	789,408	940,006	1,102,031	1,149,090	1,216,121
Banking and credit agencies	12,586	11,559	13,123	15,920	15,836	13,753	162,759*	182,239*	205,741*	238,408	251,385*	(D)
Other finance, insurance, and real estate[9]	10,822	12,679	13,924	17,246	15,750	17,634	538,616*	594,298*	719,719*	863,623	875,889*	(D)
Services	132,312	143,925	162,047	179,073	201,614	225,645	1,573,682	1,728,477	1,964,709	2,249,061	2,520,367	2,722,726
Hotels and other lodging places	2,620	2,951	3,534	4,695	5,674	6,369	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	7,491	9,443	10,493	10,329	11,123	13,276	63,800*	74,236*	86,448	94,646	111,771	124,409
Private households	1,791	1,805	1,808	1,820	1,926	2,024	34,746	35,756	36,503	37,368	40,353	43,180
Business services	22,165	21,577	21,441	20,130	25,748	32,724	269,407	307,542	356,947	420,034	475,961	516,242
Auto repair, services, and garages	7,761	8,092	9,044	9,818	9,672	10,720	83,635	90,930	104,671	111,780	113,911	106,997
Miscellaneous repair services	3,787	3,958	5,021	6,024	7,178	6,815	34,157	33,082	37,533	50,051	54,677	64,479
Amusement and recreation services	1,240	1,454	1,771	2,072	2,395	2,748	35,337	38,624	38,097	39,116	41,974	48,055
Motion pictures	84	60	(L)	73	159	265	8,909*	8,783*	9,511*	(D)	8,682*	(D)
Health services	57,368	64,812	75,079	85,607	94,748	104,006	519,496	573,993	631,214	740,343	827,437	909,435
Legal services	6,946	7,061	8,467	9,971	11,370	12,589	113,111	119,065	139,653	160,265	174,373	184,142
Educational services	10,175	11,115	11,489	12,159	13,186	14,753	42,039*	45,186*	(D)	(D)	(D)	52,320*
Social services	1,475	1,627	2,235	2,606	2,918	3,479	40,233	44,345	50,556	56,728	73,311	78,423
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	1,380	(D)
Membership organizations	4,705	4,812	5,044	5,836	6,757	6,312	57,741	60,913	64,734	73,314	85,318	93,727
Miscellaneous services	4,704	5,158	6,576	7,933	8,760	9,565	200,724	216,948	277,178	313,723	358,388	383,422
Government and government enterprises	110,949	120,162	129,022	140,561	152,081	164,008	1,647,836	1,819,431	1,954,571	2,076,059	2,171,149	2,371,985
Federal, civilian	13,077	14,057	14,550	15,244	18,492	18,751	423,787	457,006	453,028	476,232	509,152	554,639
Military	1,493	1,644	1,793	1,956	2,035	2,078	608,714	685,565	746,168	769,279	733,971	814,963
State and local	96,379	104,461	112,679	123,361	131,554	143,179	615,335	676,860	755,375	830,548	928,026	1,002,383

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Jacksonville, NC (MSA)						Jamestown—Dunkirk, NY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,093,935**	**1,192,604**	**1,266,167**	**1,367,075**	**1,439,770**	**1,553,697**	**1,627,402**	**1,669,402**	**1,732,332**	**1,791,441**	**1,930,318**	**2,075,232**
Nonfarm personal income	1,082,686	1,184,094	1,252,425	1,342,246	1,410,358	1,520,536	1,612,108	1,653,684	1,718,016	1,774,481	1,915,581	2,054,546
Farm income[1]	11,249	8,510	13,742	24,829	29,412	33,161	15,294	15,718	14,316	16,960	14,737	20,686
Population (thousands)[2]	120.1	122.7	125.1	125.9	126.5	127.8	144.8	143.7	142.7	141.5	141.3	140.4
Per capita personal income (dollars)	**9,108**	**9,723**	**10,124**	**10,856**	**11,386**	**12,157**	**11,243**	**11,614**	**12,142**	**12,663**	**13,658**	**14,778**
Derivation of total personal income:												
Total earnings by place of work	985,781	1,078,025	1,139,630	1,233,727	1,285,488	1,380,152	1,064,684	1,086,491	1,117,187	1,175,620	1,265,840	1,340,910
Less: Personal contributions for social insurance[3]	52,994	59,089	64,065	64,682	71,923	78,319	67,800	72,637	77,255	80,849	91,231	100,717
Plus: Adjustment for residence	−44,404	−53,826	−52,899	−57,565	−56,542	−63,638	11,384	11,893	14,213	15,482	16,335	16,343
Equals: Net earnings by place of residence	888,383	965,110	1,022,666	1,111,480	1,157,023	1,238,195	1,008,268	1,025,747	1,054,145	1,110,253	1,190,944	1,256,536
Plus: Dividends, interest, and rent[4]	64,522	71,777	77,169	78,505	88,511	101,876	277,867	288,447	301,735	290,861	330,454	377,756
Plus: Transfer payments	141,030	155,717	166,332	177,090	194,236	213,626	341,267	355,208	376,452	390,327	408,920	440,940
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	902,120	984,481	1,028,981	1,102,184	1,138,443	1,219,613	862,463	882,437	904,140	945,223	1,016,346	1,069,124
Other labor income	29,359	30,462	31,294	34,670	39,228	44,453	95,766	92,059	94,563	94,729	100,655	107,692
Proprietors' income[6]	54,302	63,082	79,355	96,873	107,817	116,086	106,455	111,995	118,484	135,668	148,839	164,094
Farm	9,347	6,622	11,867	22,840	27,402	31,107	7,586	8,017	6,659	8,885	6,621	12,397
Nonfarm	44,955	56,460	67,488	74,033	80,415	84,979	98,869	103,978	111,825	126,783	142,218	151,697
Earnings by industry:												
Farm	11,249	8,510	13,742	24,829	29,412	33,161	15,294	15,718	14,316	16,960	14,737	20,686
Nonfarm	974,532	1,069,515	1,125,888	1,208,898	1,256,076	1,346,991	1,049,390	1,070,773	1,102,871	1,158,660	1,251,103	1,320,224
Private	258,205	287,941	314,950	342,201	361,492	381,316	886,157	898,548	918,874	965,195	1,045,381	1,108,336
Agricultural services, forestry, fisheries, and other[7]	1,516	3,231	4,305	5,524	7,063	7,420	3,948	4,161	4,039	5,395	5,833	6,183
Agricultural services	1,251	1,608	1,820	3,238	4,150	4,466	3,352	3,473	3,415	4,793	5,241	5,551
Forestry, fisheries, and other[7]	265	1,623	2,485	2,286	2,913	2,954	596	688	624	602	592	632
Mining	835	1,008	711	752	864	947	14,121	13,634	9,501	8,712	9,612	11,328
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	1,197	874	930	369	422	433
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	12,625	12,437	8,178	7,833	8,738	10,536
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	34,027	39,843	47,263	49,774	50,092	54,107	42,512	48,311	52,924	54,924	60,666	69,597
Manufacturing	45,024	44,521	45,502	46,393	49,645	52,986	410,152	399,037	394,699	399,751	427,940	445,914
Nondurable goods	19,984	19,830	21,140	22,214	22,496	22,480	89,429	91,273	90,963	91,004	96,595	99,970
Food and kindred products	(D)	(D)	11,046	(D)	(D)	(D)	57,139	54,802	53,411	52,883	56,104	60,418
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Apparel and other textile products	7,436	6,751	7,456	7,880	8,524	8,123	4,904	5,508	5,210	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	1,707	1,893	2,051	2,179	2,265	16,296	18,198	18,235	18,355	18,094	25,026
Chemicals and allied products	0	0	(D)	(D)	(D)	0	3,835	5,284	7,036	8,772	9,639	1,736
Petroleum and coal products	0	0	0	0	0	0	3,789	4,225	3,441	1,946	2,659	2,485
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	0	0	0	(D)	1,382	1,371	1,604	2,010	2,021	(D)
Leather and leather products	0	0	0	(D)	(D)	0	0	0	0	(D)	(D)	0
Durable goods	25,040	24,691	24,362	24,179	27,149	30,506	320,723	307,764	303,736	308,747	331,345	345,944
Lumber and wood products	6,827	6,252	7,925	8,407	8,782	10,235	7,081	7,074	(D)	(D)	9,153	9,904
Furniture and fixtures	(D)	(D)	69	0	0	(D)	28,368	30,370	32,719	35,851	36,860	40,483
Primary metal industries	0	0	0	0	0	0	52,233	44,100	40,249	38,158	44,383	52,056
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	65,046	59,719	59,055	55,161	60,050	59,721
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	100,861	103,001	101,292	101,568	107,183	110,422
Electric and electronic equipment	(D)	0	0	0	0	0	9,985	10,311	12,197	12,543	13,461	14,060
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	23,439	22,818	23,096	24,827	25,706	25,762
Instruments and related products	0	0	0	0	0	(D)	(D)	(D)	0	0	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	722	707	722	918	1,207	333
Transportation and public utilities	29,204	33,164	34,014	37,325	36,931	37,048	60,263	63,598	66,932	68,053	71,253	70,968
Railroad transportation	3,261	3,167	2,757	2,308	2,717	2,884	2,791	(D)	(D)	(D)	3,034	3,107
Trucking and warehousing	7,735	8,007	8,887	10,075	10,507	11,004	17,346	18,242	19,781	21,230	22,046	21,884
Water transportation	0	(D)	(D)	(D)	(D)	(D)	(D)	117	345	560	617	626
Other transportation[8]	3,624	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8,831	8,269
Communication	10,109	10,444	8,209	8,968	9,232	8,285	15,541	15,687	17,446	15,176	16,040	16,072
Electric, gas, and sanitary services	4,475	6,552	8,307	8,993	7,939	7,695	18,802	19,960	19,668	19,820	20,685	21,010
Wholesale trade	7,040	7,692	8,341	9,332	10,233	11,276	46,428	46,990	49,522	51,705	59,101	55,255
Retail trade	73,135	82,251	88,360	91,933	94,835	99,553	101,919	107,820	113,792	119,429	128,720	135,770
Finance, insurance, and real estate	11,879	12,451	15,799	19,188	19,768	19,777	30,930	27,151	27,178	34,090	33,502	38,124
Banking and credit agencies	6,428	6,905	8,237	8,934	9,886	10,406	15,965	12,132	12,322	12,176	14,666	19,790
Other finance, insurance, and real estate[9]	5,451	5,546	7,562	10,254	9,882	9,371	14,965	15,019	14,856	21,914	18,836	18,334
Services	55,545	63,780	70,655	81,980	92,061	98,202	175,884	187,846	200,287	223,136	248,754	275,197
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,020	5,895	8,010	8,247	8,338	8,888
Personal services	6,436	7,333	8,266	13,360	14,561	15,180	9,777	11,208	11,556	12,874	13,339	14,962
Private households	4,238	4,299	4,322	4,352	4,639	4,898	2,667	2,674	2,663	2,656	2,801	2,925
Business services	5,123	5,936	6,784	7,432	8,453	9,134	15,395	15,974	18,838	22,995	28,770	31,423
Auto repair, services, and garages	3,650	4,047	4,389	4,920	5,410	5,878	9,502	10,945	12,069	12,385	13,341	14,772
Miscellaneous repair services	2,543	2,189	2,630	1,999	2,221	2,304	3,656	3,252	3,950	4,022	4,962	5,516
Amusement and recreation services	1,472	1,547	2,023	2,233	2,017	2,411	6,877	7,655	6,447	7,252	8,086	9,524
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	15,185	18,050	20,919	25,640	30,853	31,801	73,464	78,154	81,644	91,654	100,891	112,090
Legal services	4,132	4,417	5,230	4,948	5,464	5,942	11,752	12,809	14,020	14,020	15,481	16,927
Educational services	1,289	1,319	1,057	1,228	1,324	1,432	3,333	3,496	3,520	3,655	4,214	4,445
Social services	2,865	3,442	3,754	3,879	4,359	4,853	9,264	10,380	10,681	12,991	13,320	15,468
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,722	4,938	3,599	3,869	4,190	4,263	13,736	14,458	12,956	14,534	16,061	17,118
Miscellaneous services	3,066	4,176	5,788	5,970	6,238	7,204	10,154	10,673	13,662	15,573	18,863	20,861
Government and government enterprises	716,327	781,574	810,938	866,697	894,584	965,675	163,233	172,225	183,997	193,465	205,722	211,888
Federal, civilian	78,838	90,359	89,035	90,107	100,311	109,081	11,219	11,702	11,621	12,163	12,819	13,008
Military	586,301	632,512	656,050	702,837	711,378	766,247	1,980	2,193	2,402	2,446	2,437	2,503
State and local	51,188	58,703	65,853	73,753	82,895	90,347	150,034	158,330	169,974	178,856	190,466	196,377

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Janesville—Beloit, WI (MSA)						Jersey City, NJ (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,700,753**	**1,786,964**	**1,851,137**	**1,924,057**	**2,064,955**	**2,193,594**	**7,191,760**	**7,499,008**	**7,896,858**	**8,456,286**	**9,199,494**	**9,860,832**
Nonfarm personal income	1,682,180	1,764,332	1,813,932	1,879,262	2,038,425	2,155,036	7,191,760	7,499,008	7,896,858	8,456,286	9,199,494	9,860,832
Farm income[1]	18,573	22,632	37,205	44,795	26,530	38,558	0	0	0	0	0	0
Population (thousands)[2]	138.3	138.3	137.3	135.2	136.3	135.9	560.4	557.0	553.4	546.6	542.2	534.8
Per capita personal income (dollars)	**12,296**	**12,919**	**13,486**	**14,233**	**15,146**	**16,140**	**12,833**	**13,462**	**14,270**	**15,471**	**16,967**	**18,440**
Derivation of total personal income:												
Total earnings by place of work	1,215,263	1,277,879	1,302,053	1,365,237	1,505,033	1,577,080	5,337,395	5,634,382	5,998,406	6,542,535	7,095,069	7,640,636
Less: Personal contributions for social insurance[3]	75,194	83,261	82,829	88,992	104,416	112,856	337,185	369,990	418,802	455,223	511,723	568,374
Plus: Adjustment for residence	40,657	48,104	55,050	60,299	56,294	61,440	−239,983	−286,188	−254,405	−256,990	−259,886	−472,003
Equals: Net earnings by place of residence	1,180,726	1,242,722	1,274,274	1,336,544	1,456,911	1,525,664	4,760,227	4,978,204	5,325,199	5,830,322	6,323,460	6,600,259
Plus: Dividends, interest, and rent[5]	261,480	268,893	284,539	278,616	294,023	333,443	1,184,552	1,248,248	1,259,382	1,254,361	1,423,889	1,630,486
Plus: Transfer payments	258,547	275,349	292,324	308,897	314,021	334,487	1,246,981	1,272,556	1,312,277	1,371,603	1,452,145	1,630,087
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	980,261	1,030,097	1,033,171	1,067,151	1,191,136	1,236,226	4,597,977	4,870,564	5,194,071	5,666,514	6,125,857	6,593,453
Other labor income	126,088	125,773	125,612	128,327	146,389	152,616	441,203	441,098	465,608	501,966	542,540	589,207
Proprietors' income[6]	108,914	122,009	143,270	169,759	167,508	188,238	298,215	322,720	338,727	374,055	426,672	457,976
Farm	11,607	15,791	30,570	37,975	19,803	31,924	0	0	0	0	0	0
Nonfarm	97,307	106,218	112,700	131,784	147,705	156,314	298,215	322,720	338,727	374,055	426,672	457,976
Earnings by industry:												
Farm	18,573	22,632	37,205	44,795	26,530	38,558	0	0	0	0	0	0
Nonfarm	1,196,690	1,255,247	1,264,848	1,320,442	1,478,503	1,538,522	5,337,395	5,634,382	5,998,406	6,542,535	7,095,069	7,640,636
Private	1,072,360	1,123,427	1,124,354	1,173,328	1,321,503	1,371,261	4,360,471	4,588,550	4,916,907	5,403,803	5,867,383	6,383,641
Agricultural services, forestry, fisheries, and other[7]	4,611	4,723	4,278	7,444	7,506	7,966	2,551	2,774	2,992	3,764	4,590	4,793
Agricultural services	4,499	4,534	4,056	7,256	7,283	7,748	2,371	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	112	189	222	188	223	218	180	(D)	(D)	(D)	(D)	(D)
Mining	3,795	4,323	2,603	2,654	3,304	3,514	6,682	9,943	3,069	2,987	4,814	4,950
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,655	2,167	745	727	1,085	1,147	6,665	9,928	3,051	2,979	4,804	4,939
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,140	2,156	1,858	1,927	2,219	2,367	0	0	0	0	0	0
Construction	53,621	55,813	57,861	59,321	65,119	71,865	183,950	201,095	229,964	262,441	294,119	290,339
Manufacturing	566,766	596,709	564,009	560,477	645,774	653,859	1,420,800	1,354,406	1,295,621	1,290,549	1,294,565	1,272,246
Nondurable goods	98,591	101,743	102,178	111,230	121,956	114,968	885,345	933,617	932,242	924,575	954,978	924,409
Food and kindred products	38,564	38,723	41,858	44,267	46,674	53,399	156,817	155,484	157,442	150,446	154,496	148,110
Textile mill products	11,046	12,077	11,659	11,725	13,918	(D)	58,545	57,797	58,475	67,149	72,844	65,815
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	265,090	255,238	258,269	250,533	252,305	243,039
Paper and allied products	3,293	3,311	2,949	2,848	3,140	3,146	52,889	53,465	53,912	49,511	50,232	50,835
Printing and publishing	7,065	6,208	6,576	7,066	8,246	9,710	82,823	127,248	129,182	144,336	161,525	157,658
Chemicals and allied products	8,349	9,473	10,505	12,074	11,642	9,512	170,417	181,318	185,392	180,147	179,315	177,898
Petroleum and coal products	496	630	526	939	1,624	1,536	34,152	39,281	30,313	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	7,633	6,332	5,954	(D)	(D)	(D)
Rubber and misc. plastic products	13,159	14,138	12,598	14,861	16,786	11,091	35,579	36,190	41,188	43,821	44,942	44,646
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	21,400	21,264	12,115	12,006	11,748	10,737
Durable goods	468,175	494,966	461,831	449,247	523,818	538,891	535,455	420,789	363,379	365,974	339,587	347,837
Lumber and wood products	1,643	850	1,040	1,176	1,415	2,170	6,720	6,412	6,202	6,865	6,323	7,235
Furniture and fixtures	(D)	(D)	(D)	1,268	1,346	8,893	57,301	59,335	(D)	48,184	38,399	18,842
Primary metal industries	(D)	0	0	0	(D)	(D)	49,793	49,403	46,147	48,722	53,704	59,033
Fabricated metal products	26,745	29,629	35,062	37,625	36,110	36,014	40,574	38,712	36,121	30,961	26,505	27,011
Machinery, except electrical	119,496	122,883	119,377	121,677	131,566	143,606	49,751	47,242	45,957	49,373	50,575	50,539
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	240,936	127,973	91,570	101,996	83,617	93,459
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	8,917	7,690	6,039	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,260	976	825	949	1,039	1,363	8,341	8,863	7,918	7,796	9,569	15,796
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,033	1,946	2,096	2,508
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	20,383	22,025	68,212	69,360	63,137	63,190	63,558	65,627
Transportation and public utilities	76,042	66,873	68,645	76,652	81,871	78,826	723,896	767,145	855,520	929,300	1,016,580	1,023,747
Railroad transportation	3,033	3,698	4,132	4,366	4,752	5,237	(D)	7,499	8,744	10,353	9,293	7,641
Trucking and warehousing	31,370	32,384	32,050	32,472	34,405	32,772	423,797	440,719	468,805	500,283	548,807	557,508
Water transportation	(D)	(D)	−57	(L)	(L)	(D)	74,147	82,405	113,333	116,346	106,800	79,162
Other transportation[8]	(D)	(D)	6,718	7,548	8,339	(D)	(D)	99,595	107,460	120,634	144,190	167,994
Communication	14,727	6,887	7,071	13,371	14,711	12,005	64,132	64,522	85,340	117,050	136,951	131,061
Electric, gas, and sanitary services	21,770	18,480	18,731	18,925	19,631	(D)	62,864	72,405	71,838	64,634	70,539	80,381
Wholesale trade	46,272	49,385	55,491	58,533	66,914	66,620	534,544	596,205	669,829	758,173	856,073	943,466
Retail trade	111,251	117,739	124,090	127,658	142,269	151,128	460,739	492,123	518,742	578,111	627,870	687,005
Finance, insurance, and real estate	27,845	31,309	31,270	43,020	41,612	43,319	194,836	221,765	284,703	445,256	496,703	662,144
Banking and credit agencies	14,123	16,934	17,424	17,965	18,769	20,531	91,213	100,705	111,743	195,304	(D)	254,336
Other finance, insurance, and real estate[9]	13,722	14,375	13,846	25,055	22,843	22,788	103,623	121,060	172,960	249,952	(D)	407,808
Services	182,157	196,553	216,107	237,569	267,134	294,164	832,473	943,094	1,056,467	1,133,222	1,272,069	1,494,951
Hotels and other lodging places	3,128	2,579	2,323	2,618	2,909	3,970	13,574	13,083	14,568	16,647	18,674	23,475
Personal services	12,708	12,799	13,346	12,365	13,801	15,904	40,395	50,109	54,854	52,678	59,566	66,989
Private households	1,641	1,646	1,642	1,642	1,740	1,826	13,304	13,394	13,402	13,416	14,209	14,856
Business services	30,761	36,010	47,311	52,195	60,572	66,053	241,551	298,868	340,635	342,650	377,013	429,466
Auto repair, services, and garages	10,014	10,627	8,956	9,173	9,659	10,464	39,184	41,082	42,961	47,752	54,128	52,353
Miscellaneous repair services	3,371	2,692	2,982	2,931	3,400	3,586	28,593	27,605	28,562	30,208	31,386	31,112
Amusement and recreation services	3,771	4,070	4,021	4,325	4,343	4,439	6,821	5,737	6,054	8,445	12,844	19,658
Motion pictures	293	(D)	(D)	(D)	(D)	(D)	1,312	1,363	2,623	5,196	(D)	(D)
Health services	77,344	81,965	88,121	100,510	109,822	120,638	235,591	259,144	280,286	318,623	361,448	462,863
Legal services	9,943	11,581	12,065	12,480	15,802	16,375	49,777	54,719	60,895	64,025	76,182	83,953
Educational services	(D)	8,883	8,607	9,299	9,835	10,807	41,024	49,380	52,730	59,704	65,311	68,247
Social services	5,519	6,736	6,710	8,463	10,094	12,759	19,630	23,149	26,166	28,301	30,437	34,364
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Membership organizations	9,005	9,155	9,296	9,905	11,145	11,705	39,592	43,038	46,857	50,310	56,665	85,996
Miscellaneous services	6,836	7,438	10,412	11,349	13,662	15,305	62,125	62,423	85,874	95,267	106,892	112,111
Government and government enterprises	124,330	131,820	140,494	147,114	157,000	167,261	976,924	1,045,832	1,081,499	1,138,732	1,227,686	1,256,995
Federal, civilian	8,882	9,461	9,584	9,944	10,661	11,166	345,875	361,484	346,843	352,107	366,885	382,692
Military	4,171	4,653	5,034	5,296	5,496	5,618	16,945	18,088	20,208	20,000	19,953	19,652
State and local	111,277	117,706	125,876	131,874	140,843	150,477	614,104	666,260	714,448	766,625	840,848	854,651

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Johnson City—Kingsport—Bristol, TN—VA (MSA)						Johnstown, PA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,271,009**	**4,516,472**	**4,829,682**	**5,102,670**	**5,529,693**	**5,912,950**	**2,630,116**	**2,683,600**	**2,777,698**	**2,871,441**	**3,070,982**	**3,299,695**
Nonfarm personal income	4,210,913	4,469,175	4,788,657	5,048,194	5,467,829	5,850,276	2,603,452	2,660,010	2,752,484	2,844,252	3,043,557	3,268,190
Farm income[1]	60,096	47,297	41,025	54,476	61,864	62,674	26,664	23,590	25,214	27,189	27,425	31,505
Population (thousands)[2]	441.7	442.2	441.0	442.2	442.3	441.8	259.6	256.4	253.9	251.9	250.6	248.6
Per capita personal income (dollars)	**9,669**	**10,215**	**10,952**	**11,539**	**12,502**	**13,385**	**10,133**	**10,469**	**10,941**	**11,401**	**12,254**	**13,276**
Derivation of total personal income:												
Total earnings by place of work	3,095,084	3,301,879	3,526,644	3,777,184	4,073,170	4,334,662	1,616,146	1,623,555	1,671,110	1,755,473	1,883,394	2,009,905
Less: Personal contributions for social insurance[3]	179,862	203,239	217,192	222,735	250,097	277,964	102,814	108,388	113,895	119,466	134,821	150,996
Plus: Adjustment for residence	10,399	−14,623	−23,753	−43,864	−47,452	−64,416	−5,174	(L)	−446	3,167	−4,519	−13,588
Equals: Net earnings by place of residence	2,925,621	3,084,017	3,285,699	3,510,585	3,775,621	3,992,282	1,508,158	1,515,124	1,556,769	1,639,174	1,744,054	1,845,321
Plus: Dividends, interest, and rent[5]	610,444	644,196	679,439	677,128	760,535	875,805	440,408	460,200	477,030	468,193	516,121	595,143
Plus: Transfer payments	734,944	788,259	864,544	914,957	993,537	1,044,863	681,550	708,276	743,899	764,074	810,807	859,231
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,479,588	2,670,652	2,844,860	3,029,360	3,237,431	3,442,342	1,223,017	1,227,917	1,258,854	1,331,067	1,422,850	1,515,863
Other labor income	267,514	274,428	294,060	308,217	331,282	357,024	150,439	143,428	145,240	151,520	162,141	174,341
Proprietors' income[6]	347,982	356,799	387,724	439,607	504,457	535,296	242,690	252,210	267,016	272,886	298,403	319,701
Farm	50,650	37,863	31,596	44,488	51,768	52,311	22,681	19,592	21,222	22,919	23,087	27,036
Nonfarm	297,332	318,936	356,128	395,119	452,689	482,985	220,009	232,618	245,794	249,967	275,316	292,665
Earnings by industry:												
Farm	60,096	47,297	41,025	54,476	61,864	62,674	26,664	23,590	25,214	27,189	27,425	31,505
Nonfarm	3,034,988	3,254,582	3,485,619	3,722,708	4,011,306	4,271,988	1,589,482	1,599,965	1,645,896	1,728,284	1,855,969	1,978,400
Private	2,637,696	2,825,023	3,018,640	3,228,264	3,490,324	3,720,139	1,377,171	1,375,252	1,410,942	1,478,740	1,590,720	1,700,919
Agricultural services, forestry, fisheries, and other[7]	11,418	10,422	8,023	11,839	11,634*	13,194	3,956	3,678	3,242	5,284	5,478	5,997
Agricultural services	10,062*	10,174	7,941	11,739	11,584*	13,165	2,870	2,994	2,963	4,956	5,271	5,833
Forestry, fisheries, and other[7]	(D)	248	82	100	(L)	(L)	1,086	684	279	328	207	164
Mining	6,590	8,452	10,186	11,362	12,488*	11,865	242,128	211,627	176,898	155,817	153,916	148,065
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	238,439	204,888	171,805	(D)	(D)	(D)
Oil and gas extraction	3,200*	5,051*	5,901*	(D)	(D)	(D)	(D)	(D)	(D)	1,282	1,950	2,085
Metal mining	(L)	(L)	(L)	187	199	222	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	155,953	170,130	179,767	198,142	226,734	237,771	75,760	78,354	93,271	90,418	102,320	125,631
Manufacturing	1,223,735	1,315,012	1,388,616	1,453,247	1,528,352	1,596,658	270,651	258,184	265,336	286,791	326,716	351,031
Nondurable goods	786,933	832,248	878,759	901,713	945,186	988,011	78,772	80,077	82,242	87,579	90,648	94,439
Food and kindred products	44,482*	(D)	(D)	(D)	(D)	49,437*	24,953	26,781	28,605	29,511	31,613	32,863
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	500	(D)
Apparel and other textile products	42,497*	42,487*	46,368*	47,133*	(D)	(D)	33,828	33,025	32,506	34,825	36,440	39,597
Paper and allied products	(D)	(D)	50,378*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	11,126	(D)	(D)	12,481	12,186	12,524
Chemicals and allied products	(D)	463,872*	485,249*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	922	343	651	639	484*	(D)	2,848	2,875	3,800	4,105	3,635	3,217
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	1,014	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	436,802	482,764	509,857	551,534	583,166	608,647	191,879	178,107	183,094	199,212	236,068	256,592
Lumber and wood products	14,887	15,964	17,433	19,754	19,856*	21,970	9,499	9,720	11,369	12,863	13,139	13,258
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	88,274*	104,310*	118,025
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	17,714	20,033	23,172	27,679	30,129	33,665
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	20,810	21,303	21,072	22,056	22,932	24,623
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	6,410*	7,571*	8,665*	9,920	11,614	10,626
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	8,004	7,459	8,912	9,792	10,496	10,932
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	6,297*	494	447	373	475	(D)	(D)
Transportation and public utilities	166,514	168,910	181,194	190,654	202,106	203,961	140,654	146,428	157,513	162,791	169,014	180,659
Railroad transportation	18,374*	18,423*	18,383*	20,432	18,553	13,933	10,056	9,614	10,687	(D)	14,564	16,568
Trucking and warehousing	(D)	(D)	(D)	(D)	76,420	78,856	49,977	50,051	52,482	54,537	56,031	59,400
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	78,160*	21,139	21,249	20,651	20,993	21,032	23,486
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	150,607	162,438	178,844	182,704	191,694	206,841	70,617	74,404	77,681	81,764	86,135	92,167
Retail trade	310,485	330,706	344,167	360,858	395,994	422,771	160,948	163,908	165,846	172,489	187,607	200,026
Finance, insurance, and real estate	84,230	91,952	106,590	125,503	124,357	134,182	72,812	78,969	88,431	104,660	104,975	104,202
Banking and credit agencies	(D)	(D)	(D)	(D)	45,483*	(D)	(D)	35,996	(D)	(D)	(D)	43,911
Other finance, insurance, and real estate[9]	41,700*	45,678*	57,757*	72,564*	71,322*	77,572*	(D)	42,973	(D)	(D)	(D)	60,291
Services	528,164	567,001	621,253	693,955	794,601	892,896	339,645	359,700	382,724	418,726	454,559	493,141
Hotels and other lodging places	8,370*	8,825*	10,847*	11,570*	11,188*	10,579*	15,406	15,815	17,612	20,670	24,090	25,840
Personal services	32,164	39,437	42,478	45,140	52,070	61,036	14,982	18,017	18,883	19,763	23,615	26,889
Private households	10,027	9,935*	9,978*	10,067*	10,692*	11,265*	2,810	2,806	2,797	2,794	2,948	3,086
Business services	58,769	68,238	71,803	86,240	104,224	113,969	22,085	23,573	25,134	27,456	31,196	34,067
Auto repair, services, and garages	24,888	26,263	26,737	30,251	30,535	31,880	24,027	26,760	27,313	30,974	32,194	34,067
Miscellaneous repair services	12,403	11,495	14,187	13,971	17,002	18,288	9,886	9,515	10,679	10,436	11,452	12,754
Amusement and recreation services	(D)	(D)	(D)	9,038*	(D)	11,725	4,346	4,970	5,786	6,116	6,715	6,944
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,040	(D)	1,058	(D)	(D)	(D)
Health services	261,687	274,118	298,239	342,522	389,473	433,430	163,472	170,435	179,172	197,381	206,752	224,558
Legal services	26,932	28,712	32,996	37,326	43,152	46,664	13,671	14,190	15,381	15,198	17,470	19,283
Educational services	(D)	(D)	(D)	(D)	20,610	24,828	19,076	21,292	22,861	25,019	27,144	28,152
Social services	8,449*	9,019*	9,621*	10,552*	12,662*	13,745*	10,049	10,877	12,053	14,009	16,866	18,339
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	122	(D)	169	(D)	(D)	(D)
Membership organizations	24,136	24,264	25,377	27,215	29,476	30,465	17,119	17,327	17,523	18,930	21,359	22,710
Miscellaneous services	38,305	42,463	52,030	48,840	60,740	82,522	21,554	22,791	26,303	28,572	30,985	34,450
Government and government enterprises	397,292	429,559	466,979	494,444	520,982	551,849	212,311	224,713	234,954	249,544	265,249	277,481
Federal, civilian	93,031	94,920	96,539	100,967	107,606	107,611	27,568	31,213	31,046	32,730	35,644	37,677
Military	9,746	10,890	12,075	12,731	13,147	13,430	6,256	7,098	7,567	7,520	7,757	7,942
State and local	294,515	323,749	358,365	380,746	400,229	430,808	178,487	186,402	196,341	209,294	221,848	231,862

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Joliet, IL (PMSA)						Joplin, MO (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,761,376**	**5,106,275**	**5,466,282**	**5,844,312**	**6,385,644**	**6,842,636**	**1,344,931**	**1,431,526**	**1,511,277**	**1,602,562**	**1,715,289**	**1,816,861**
Nonfarm personal income	4,719,128	5,052,633	5,422,633	5,805,235	6,354,787	6,789,129	1,333,704	1,416,579	1,494,479	1,585,247	1,693,570	1,793,108
Farm income[1]	42,248	53,642	43,649	39,077	30,857	53,507	11,227	14,947	16,798	17,315	21,719	23,753
Population (thousands)[2]	362.0	365.3	367.9	373.6	379.2	384.5	131.3	132.1	133.7	135.0	136.0	136.8
Per capita personal income (dollars)	**13,153**	**13,978**	**14,860**	**15,644**	**16,841**	**17,797**	**10,247**	**10,841**	**11,306**	**11,867**	**12,616**	**13,285**
Derivation of total personal income:												
Total earnings by place of work	2,290,999	2,458,496	2,599,508	2,807,636	3,040,119	3,272,028	966,788	1,038,880	1,110,540	1,202,993	1,278,076	1,346,492
Less: Personal contributions for social insurance[3]	135,454	153,068	166,526	177,155	200,869	223,155	57,335	64,835	69,446	75,645	84,593	93,399
Plus: Adjustment for residence	1,438,487	1,575,135	1,741,274	1,865,736	2,079,412	2,163,828	−51,988	−70,060	−81,566	−92,825	−94,990	−101,612
Equals: Net earnings by place of residence	3,594,032	3,880,563	4,174,256	4,496,217	4,918,662	5,212,701	857,465	903,985	959,528	1,034,523	1,098,493	1,151,481
Plus: Dividends, interest, and rent[5]	663,337	691,887	728,375	751,369	815,088	932,300	249,707	258,219	268,339	268,431	287,116	328,986
Plus: Transfer payments	504,007	533,825	563,651	596,726	651,894	697,635	237,759	269,322	283,410	299,608	329,680	336,394
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,783,777	1,909,886	2,015,376	2,169,068	2,353,324	2,516,407	753,552	808,486	855,314	916,874	964,231	1,011,701
Other labor income	207,819	214,633	225,793	239,955	255,923	278,114	80,159	83,022	90,182	96,069	100,866	107,548
Proprietors' income[6]	299,403	333,977	358,339	398,613	430,872	477,507	133,077	147,372	165,044	190,050	212,979	227,243
Farm	35,722	47,155	37,238	32,342	24,160	46,741	6,086	9,929	11,880	12,205	16,651	18,677
Nonfarm	263,681	286,822	321,101	366,271	406,712	430,766	126,991	137,443	153,164	177,845	196,328	208,566
Earnings by industry:												
Farm	42,248	53,642	43,649	39,077	30,857	53,507	11,227	14,947	16,798	17,315	21,719	23,753
Nonfarm	2,248,751	2,404,854	2,555,859	2,768,559	3,009,262	3,218,521	955,561	1,023,933	1,093,742	1,185,678	1,256,357	1,322,739
Private	1,941,680	2,080,203	2,207,613	2,395,440	2,611,449	2,790,054	858,243	917,421	980,074	1,065,549	1,127,538	1,185,528
Agricultural services, forestry, fisheries, and other[7]	12,781	12,969	14,377	21,527	23,453	25,796	3,437	3,027	2,888	4,074	4,044	4,193
Agricultural services	12,414	12,597	14,041	21,070	22,915	25,526	3,173	2,810	2,726	3,966	3,941	4,127
Forestry, fisheries, and other[7]	367	372	336	457	538	270	264	217	162	108	103	66
Mining	13,833	16,879	12,944	14,400	16,424	19,497	8,100	8,902	7,641	8,775	6,532	7,003
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	3,974*	5,799*	2,076*	2,309*	3,477*	3,815	1,566	2,161	858	780	1,353	1,150
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	8,600*	9,621*	9,714*	10,799*	11,419*	15,679	(D)	(D)	(D)	(D)	(D)	(D)
Construction	164,449	178,694	216,681	250,961	293,175	326,982	49,842	54,215	62,607	65,712	65,437	69,419
Manufacturing	604,605	625,220	628,656	627,394	685,152	715,852	302,964	313,881	335,924	356,337	369,196	386,055
Nondurable goods	283,819	304,645	308,048	(D)	319,982	333,546	114,584	119,073	131,397	135,875	142,481	144,275
Food and kindred products	29,236	30,568	20,389	11,749	10,002	11,378	52,789	54,774	60,428	64,782	67,610	71,078
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	23,813	28,577	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	16,106	17,016	17,138	16,610*	18,483*	20,788*	6,336	(D)	(D)	7,124	6,885	7,441
Chemicals and allied products	132,849	141,914	134,769	(D)	142,808	152,021	27,248	28,698	29,967	27,703	30,121	27,913
Petroleum and coal products	37,152	38,795	36,895	41,095	40,195	41,777	12,767*	14,610	17,180	19,580	19,267	19,415
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	42,443*	49,792*	49,846	60,319	57,197	0	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,058	4,600	5,074	4,833
Durable goods	320,786	320,575	320,608	(D)	365,170	382,306	188,380	194,808	204,527	220,462	226,715	241,780
Lumber and wood products	6,832*	7,476*	6,793*	9,720*	15,009	14,769	4,461	4,940	3,934	4,015	4,396	5,998
Furniture and fixtures	2,876*	3,420*	4,686*	6,258*	6,416*	6,147*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	7,975	8,940	8,421	12,480*	12,503*	12,795*
Fabricated metal products	44,938*	48,753*	51,153*	50,715*	(D)	224,795*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	53,447	(D)	57,220	(D)	(D)
Electric and electronic equipment	27,072*	26,581*	(D)	(D)	(D)	36,200	38,147	42,400	45,852	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	3,192	3,094	3,147	1,838	2,301	3,651	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	4,219	5,262	5,685	(D)	(D)	(D)	6,377*	9,570	13,139*
Stone, clay, and glass products	24,068	25,552	24,690	27,313	33,884	35,022*	5,336	5,300	5,366*	4,507	(D)	4,712
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	681
Miscellaneous manufacturing industries	7,275*	8,914*	(D)	9,001*	6,431*	5,044*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	(D)	(D)	(D)	105,650	118,799	128,187	143,344	162,626	162,403
Railroad transportation	27,597	26,736	23,997	20,929	23,112	26,004	6,879	8,044	7,102	6,239	6,675	7,206
Trucking and warehousing	44,406	42,753	43,509	52,099	51,353	57,770	63,289	71,856	78,258	94,035	109,651	105,673
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	13,390	(D)	(D)	5,009	5,969	5,940	6,453	7,219
Communication	33,054	33,942	33,251	(D)	(D)	(D)	12,540	13,440	13,534	13,198	14,186	14,329
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20,450	23,324	23,932	25,661	27,976
Wholesale trade	80,821	85,096	99,444	117,775	124,523	136,345	55,866	60,078	58,864	61,312	61,660	68,337
Retail trade	211,133	229,791	229,801	246,746	272,586	286,397	114,016	121,806	126,296	137,308	145,943	148,734
Finance, insurance, and real estate	66,646	71,267	78,614	103,947	105,409	98,512	28,754	29,397	32,949	38,493	37,861	40,395
Banking and credit agencies	34,098	35,271	37,512	40,402	(D)	45,987	(D)	(D)	(D)	(D)	(D)	20,477
Other finance, insurance, and real estate[9]	32,548	35,996	41,102	63,545	58,844*	52,525	(D)	(D)	(D)	(D)	(D)	19,918
Services	395,875*	437,240*	502,120*	548,907*	616,336*	683,959*	189,614	207,316	224,718	250,194	274,239	298,989
Hotels and other lodging places	(D)	5,058*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	24,514	28,329	35,154	35,990	41,999	47,228	9,825	11,817	11,999	12,721	14,943	17,023
Private households	4,095	4,098	4,075	(D)	4,226	4,425	2,876	2,888	2,889	2,897	3,063	3,208
Business services	83,419	98,544	122,981	136,103	152,344	174,836	28,820	34,712	42,545	48,642	56,052	62,999
Auto repair, services, and garages	21,821	25,477	32,286	31,032	34,340	38,978	13,985	15,279	16,143	15,776	15,765	16,389
Miscellaneous repair services	10,770	9,966	12,498	12,942	15,795	17,567	4,609	3,765	(D)	4,517	4,877	5,259
Amusement and recreation services	11,714	12,694	15,669	14,686	13,459	16,014	(D)	2,545	(D)	3,725	3,935	4,178
Motion pictures	776*	759*	740*	676*	652*	723*	608*	675	725	538	609	769
Health services	152,124	162,940	175,041	188,432	209,397	225,839	92,691	100,510	104,676	119,630	128,901	139,266
Legal services	27,732	27,895	30,850	33,664	39,105	44,918	6,146	6,871	7,363	7,325	8,242	9,391
Educational services	18,783	20,691	22,327	28,099	31,497	31,662	737	766	770	933	1,112	1,225
Social services	5,850*	8,360*	9,204*	12,664*	13,956	15,052	5,481	5,094	5,428	6,888	(D)	8,857
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	25,326	24,144	25,698	28,423	32,150	33,998	7,323	7,291	7,530	8,554	9,473	9,787
Miscellaneous services	32,068	40,113	44,385	52,656	66,361	78,372	11,004	11,442	13,038	14,523	16,199	17,618
Government and government enterprises	307,071	324,651	348,246	373,119	397,813	428,467	97,318	106,512	113,668	120,129	128,819	137,211
Federal, civilian	16,815	17,963	18,191	19,835	22,272	23,282	10,900	11,839	12,202	13,108	13,771	14,057
Military	5,217	6,076	6,487	7,058	7,195	7,480	4,461	4,721	5,269	5,571	5,804	6,043
State and local	285,039	300,612	323,568	346,226	368,346	397,705	81,957	89,952	96,197	101,450	109,244	117,111

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Kalamazoo, MI (MSA)						Kankakee, IL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,759,873**	**2,933,237**	**3,160,320**	**3,370,466**	**3,619,797**	**3,895,143**	**1,119,677**	**1,158,688**	**1,201,147**	**1,267,479**	**1,383,837**	**1,473,701**
Nonfarm personal income	2,748,195	2,920,381	3,145,185	3,351,896	3,603,894	3,875,145	1,094,328	1,128,060	1,175,715	1,242,304	1,356,496	1,441,590
Farm income[1]	11,678	12,856	15,135	18,570	15,903	19,998	25,349	30,628	25,432	25,175	27,341	32,111
Population (thousands)[2]	213.4	214.1	214.2	216.0	217.9	218.7	99.9	98.6	97.8	97.9	97.9	97.7
Per capita personal income (dollars)	**12,931**	**13,702**	**14,755**	**15,601**	**16,612**	**17,807**	**11,212**	**11,749**	**12,277**	**12,951**	**14,142**	**15,078**
Derivation of total personal income:												
Total earnings by place of work	2,253,663	2,418,279	2,596,418	2,793,792	3,015,706	3,210,847	672,294	701,362	722,818	780,038	861,674	903,621
Less: Personal contributions for social insurance[3]	140,213	158,915	165,726	186,868	208,921	229,122	40,511	44,189	47,003	50,087	57,909	63,305
Plus: Adjustment for residence	−193,885	−210,922	−225,898	−250,347	−270,796	−290,366	82,398	81,859	92,001	91,661	97,397	101,146
Equals: Net earnings by place of residence	1,919,565	2,048,442	2,204,794	2,356,577	2,535,989	2,691,359	714,181	739,032	767,816	821,612	901,162	941,462
Plus: Dividends, interest, and rent[5]	463,876	479,755	512,570	543,341	588,503	673,263	190,951	194,302	200,524	201,914	218,826	250,972
Plus: Transfer payments	376,432	405,040	442,956	470,548	495,305	530,521	214,545	225,354	232,807	243,953	263,849	281,267
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,894,024	2,037,680	2,182,201	2,340,417	2,537,007	2,696,653	530,262	549,870	568,606	612,596	674,688	701,911
Other labor income	218,745	224,098	238,695	249,490	262,859	282,804	52,518	52,970	54,746	57,782	64,265	67,827
Proprietors' income[6]	140,894	156,501	175,522	203,885	215,840	231,390	89,514	98,522	99,466	109,660	122,721	133,883
Farm	6,922	8,130	10,484	13,694	11,048	15,076	20,363	25,691	20,587	20,133	22,361	27,131
Nonfarm	133,972	148,371	165,038	190,191	204,792	216,314	69,151	72,831	78,879	89,527	100,360	106,752
Earnings by industry:												
Farm	11,678	12,856	15,135	18,570	15,903	19,998	25,349	30,628	25,432	25,175	27,341	32,111
Nonfarm	2,241,985	2,405,423	2,581,283	2,775,222	2,999,803	3,190,849	646,945	670,734	697,386	754,863	834,333	871,510
Private	1,972,445	2,112,545	2,256,344	2,429,021	2,622,092	2,785,555	535,741	556,127	575,608	621,463	692,962	719,925
Agricultural services, forestry, fisheries, and other[7]	6,728	7,205	7,254	10,138	10,747	12,689	2,414	2,349	2,360	3,488	3,901	3,698
Agricultural services	6,486	7,014	7,133	10,006	10,639	12,562	2,401	2,311	2,306	3,431	3,827	3,624
Forestry, fisheries, and other[7]	242	191	121	132	108	127	(L)	(L)	54	57	74	74
Mining	7,386	10,150	6,374	3,297	5,404	5,551	1,457	1,800	1,166	1,064	3,149	3,207
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	2,774	(D)	(D)	1,010	1,312	(D)	471	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	515	(D)	(D)	439	480	(D)	588	(D)	(D)
Construction	91,618	104,154	118,261	125,112	147,321	158,347	44,433	45,396	51,042	53,247	63,845	67,062
Manufacturing	959,004	1,028,568	1,081,658	1,113,660	1,166,435	1,224,631	146,232	148,961	145,589	147,773	180,611	189,620
Nondurable goods	553,940	583,118	625,519	649,882	685,606	717,840	88,603	93,806	90,739	90,431	124,359	130,245
Food and kindred products	24,989	18,171	20,572	19,061	21,058	22,412	37,655	36,632	37,730	38,793	38,338	38,721
Textile mill products	0	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	313	324
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	158,353	162,398	170,874	175,143	166,005	158,428	5,693	6,633	7,625	8,235	8,439	8,921
Printing and publishing	31,286	36,292	40,325	43,819	47,963	54,127	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	37,115	39,313	36,517	36,286	70,658	75,819
Petroleum and coal products	764	697	566	498	429	379	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	40,130	42,985	45,894	42,448	50,019	44,659	(D)	5,429	2,666	(D)	0	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	405,064	445,450	456,139	463,778	480,829	506,791	57,629	55,155	54,850	57,342	56,252	59,375
Lumber and wood products	1,056	1,011	1,572	2,195	2,584	2,354	(D)	1,072	1,368	1,354	1,554	1,787
Furniture and fixtures	13,691	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	624	595	813
Primary metal industries	10,324	11,149	13,524	12,146	12,295	12,070	(D)	289	(L)	(D)	(D)	(D)
Fabricated metal products	203,892	233,586	232,487	230,865	238,222	239,755	13,741	13,331	9,620	11,859	13,088	10,876
Machinery, except electrical	53,784	50,811	52,436	52,156	55,469	57,382	3,056	3,465	4,334	4,961	6,482	10,287
Electric and electronic equipment	(D)	428	441	1,510	1,517	2,181	21,926	19,593	19,675	17,314	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Motor vehicles and equipment	24,285	21,538	24,496	25,985	27,487	45,448	(D)	(D)	(D)	453	(D)	(D)
Stone, clay, and glass products	17,348	19,055	18,864	21,691	24,365	26,217	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	30,416	34,251	37,180	37,978	39,733	44,825	0	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,758	3,940	4,611	4,912	5,376	5,919	(D)	(D)	(D)	363	384	788
Transportation and public utilities	83,533	91,019	93,031	103,160	107,493	113,876	44,642	49,111	48,997	49,253	48,703	57,335
Railroad transportation	4,315	4,823	4,176	3,676	3,799	3,826	6,838	8,112	7,789	7,583	7,273	7,207
Trucking and warehousing	31,276	33,736	35,944	40,399	43,738	47,343	17,802	20,489	22,051	23,586	23,639	22,403
Water transportation	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	0	0
Other transportation[8]	(D)	8,110	(D)	11,107	12,190	13,247	(D)	(D)	(D)	(D)	3,976	13,955
Communication	22,801	25,792	25,036	26,013	27,309	29,843	10,808	10,955	9,210	8,026	6,578	6,198
Electric, gas, and sanitary services	17,958	18,558	(D)	21,965	20,457	19,617	6,593	6,856	6,387	6,119	7,237	7,572
Wholesale trade	96,826	97,141	103,472	108,781	121,068	123,963	48,028	45,266	44,558	46,753	45,242	44,057
Retail trade	188,217	187,836	207,519	218,988	237,843	254,766	73,700	74,170	74,033	80,648	85,785	89,998
Finance, insurance, and real estate	67,994	71,794	89,130	120,084	127,851	149,983	22,654	25,078	28,138	35,434	33,397	30,064
Banking and credit agencies	34,182	35,932	35,642	39,623	(D)	(D)	15,125	16,456	16,740	17,731	17,954	17,636
Other finance, insurance, and real estate[9]	33,812	35,862	53,488	80,461	(D)	(D)	7,529	8,622	11,398	17,703	15,443	12,428
Services	471,139	514,678	549,645	625,801	697,930	741,749	152,181	163,996	179,725	203,803	228,329	234,884
Hotels and other lodging places	11,755	12,536	6,237	8,506	7,578	7,086	1,220	1,393	1,270	1,264	1,066	−132
Personal services	22,957	27,475	29,526	25,580	32,268	36,843	7,561	8,902	9,226	9,637	10,440	11,536
Private households	5,473	5,485	5,484	5,496	5,792	6,062	1,872	1,876	1,865	1,832	1,933	2,024
Business services	61,728	72,821	84,227	97,448	106,772	113,579	28,055	30,397	37,784	45,721	51,048	51,456
Auto repair, services, and garages	15,950	18,401	20,077	21,442	21,191	25,753	10,268	11,737	12,084	16,124	19,647	11,159
Miscellaneous repair services	5,556	7,676	8,147	8,624	10,732	12,080	2,629	2,209	2,469	2,664	2,980	3,168
Amusement and recreation services	7,117	7,658	7,674	7,993	8,711	11,031	4,523	4,684	5,270	5,421	5,766	6,300
Motion pictures	(D)	(D)	606	555	752	842	173	252	249	217	179	157
Health services	232,849	246,417	259,054	310,948	324,225	345,990	66,325	71,152	73,898	81,445	91,372	100,580
Legal services	28,462	28,900	32,498	35,287	39,625	43,748	4,443	4,812	5,607	5,367	6,539	6,831
Educational services	13,684	14,312	(D)	(D)	(D)	(D)	7,027	7,072	7,586	7,736	8,186	8,961
Social services	9,502	10,917	14,441	16,128	21,581	26,205	3,236	3,440	3,278	3,784	3,806	4,574
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	18,181	18,765	20,584	21,672	23,514	24,797	7,216	7,294	8,293	9,859	10,522	11,194
Miscellaneous services	37,096	42,621	45,180	47,703	69,757	60,495	7,633	8,776	10,846	12,732	14,845	17,076
Government and government enterprises	269,540	292,878	324,939	346,201	377,711	405,294	111,204	114,607	121,778	133,400	141,371	151,585
Federal, civilian	28,425	30,694	31,341	34,185	37,771	38,695	8,447	9,123	9,287	12,133	13,277	13,943
Military	2,676	2,923	3,148	3,371	3,529	3,584	1,218	1,339	1,470	1,561	1,624	1,646
State and local	238,439	259,261	290,450	308,645	336,411	363,015	101,539	104,145	111,021	119,706	126,470	135,996

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Kansas City, MO—KS (MSA)						Kenosha, WI (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**20,653,938**	**22,370,485**	**23,710,197**	**25,168,053**	**26,908,931**	**28,612,185**	**1,622,415**	**1,640,310**	**1,692,221**	**1,858,114**	**2,047,852**	**2,096,527**
Nonfarm personal income	20,602,250	22,278,572	23,618,111	25,087,606	26,825,165	28,524,703	1,615,288	1,631,010	1,681,331	1,845,295	2,036,152	2,084,377
Farm income[1]	51,688	91,913	92,086	80,447	83,766	87,482	7,127	9,300	10,890	12,819	11,700	12,150
Population (thousands)[2]	1,479.3	1,499.1	1,525.6	1,550.9	1,575.4	1,598.5	121.1	121.1	119.4	120.3	122.6	123.3
Per capita personal income (dollars)	**13,962**	**14,922**	**15,542**	**16,228**	**17,081**	**17,899**	**13,398**	**13,550**	**14,179**	**15,447**	**16,709**	**17,006**
Derivation of total personal income:												
Total earnings by place of work	16,009,395	17,415,681	18,580,110	19,822,749	21,138,616	22,177,617	995,736	942,857	870,094	1,066,050	1,180,425	1,065,530
Less: Personal contributions for social insurance[3]	957,049	1,091,032	1,182,869	1,262,347	1,383,833	1,499,350	59,974	59,492	53,228	68,469	80,318	75,608
Plus: Adjustment for residence	−240,530	−286,435	−339,858	−377,433	−361,766	−341,576	220,633	259,443	359,161	342,664	405,948	508,521
Equals: Net earnings by place of residence	14,811,816	16,038,214	17,057,383	18,182,969	19,393,017	20,336,691	1,156,395	1,142,808	1,176,027	1,340,245	1,506,055	1,498,443
Plus: Dividends, interest, and rent[5]	3,401,628	3,656,762	3,806,727	3,963,072	4,249,861	4,852,383	221,146	230,329	235,543	232,330	245,338	277,867
Plus: Transfer payments	2,440,494	2,675,509	2,846,087	3,022,012	3,266,053	3,423,111	244,874	267,173	280,651	285,539	296,459	320,217
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,255,798	14,417,010	15,318,062	16,290,332	17,313,536	18,108,524	813,358	772,379	705,790	859,494	950,898	854,050
Other labor income	1,313,632	1,370,639	1,470,509	1,527,038	1,616,573	1,719,501	112,427	95,685	82,118	110,475	125,648	101,096
Proprietors' income[6]	1,439,965	1,628,032	1,791,539	2,005,379	2,208,507	2,349,592	69,951	74,793	82,186	96,081	103,879	110,384
Farm	34,575	75,557	76,409	64,567	68,386	72,593	4,150	6,320	7,933	9,688	8,535	8,926
Nonfarm	1,405,390	1,552,475	1,715,130	1,940,812	2,140,121	2,276,999	65,801	68,473	74,253	86,393	95,344	101,458
Earnings by industry:												
Farm	51,688	91,913	92,086	80,447	83,766	87,482	7,127	9,300	10,890	12,819	11,700	12,150
Nonfarm	15,957,707	17,323,768	18,488,024	19,742,302	21,054,850	22,090,135	988,609	933,557	859,204	1,053,231	1,168,725	1,053,380
Private	13,680,212	14,859,594	15,871,928	16,946,526	18,032,473	18,883,319	855,593	788,978	707,689	898,838	1,009,629	890,078
Agricultural services, forestry, fisheries, and other[7]	55,945	56,737	55,488	76,699	80,010	87,756	1,822	1,816	1,926	2,694	2,977	3,205
Agricultural services	51,767*	53,519*	52,488*	72,283*	75,510*	87,445	1,585	1,586	1,674	2,453	2,707	2,922
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	311	237	230	252	241	270	283
Mining	57,674	67,671	42,655	41,995	47,353	50,154	1,554	2,265	948	1,046	1,301	1,427
Coal mining	3,139	2,732	2,566	895	1,078	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	946,549	1,110,318	1,287,985	1,379,808	1,367,582	1,307,636	45,189	45,276	46,425	61,632	63,197	65,509
Manufacturing	3,317,487	3,545,862	3,583,028	3,489,754	3,680,510	3,715,679	515,659	443,378	347,170	488,230	570,780	411,507
Nondurable goods	1,273,199	1,349,892	1,445,993	1,539,073	1,671,928	1,846,255	44,949	46,802	49,939	53,735	60,982	64,361
Food and kindred products	236,918*	243,314*	244,428*	234,169*	246,452*	(D)	22,728	23,839	25,587	28,014	30,843	32,574
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	43,972*	46,453*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	121,066*	126,531*	134,340*	145,180*	150,628*	(D)	(D)	818	(D)	(D)	(D)	(D)
Printing and publishing	462,195*	487,277*	511,462*	552,289*	599,838*	645,639*	6,377	7,019	7,401	8,396	9,218	9,910
Chemicals and allied products	267,352*	300,662*	357,639*	407,916*	461,189*	583,236*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	18,998*	20,306	20,936	22,192	25,915*	25,217*	0	0	0	0	0	0
Tobacco manufactures	140	139	165	172	(D)	210	0	0	0	0	0	0
Rubber and misc. plastic products	85,282*	91,811*	95,624*	89,939*	(D)	(D)	1,627	2,044	2,551	2,263	2,574	3,115
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	2,044,288	2,195,970	2,137,035	1,950,681	2,008,582	1,869,424	470,710	396,576	297,231	434,495	509,798	347,146
Lumber and wood products	(D)	30,115*	37,723*	47,603*	54,472*	50,511*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	31,812*	33,582*	33,538*	34,448*	(D)	(D)	(D)	(D)	4,663	(D)	6,465	6,846
Primary metal industries	122,036*	113,448*	(D)	(D)	91,868*	84,093*	37,765	32,323	34,401	32,693	36,152	39,313
Fabricated metal products	241,993*	263,281*	267,748*	254,634*	247,168*	(D)	73,975	73,210	74,233	79,080	85,612	93,280
Machinery, except electrical	219,677*	221,802*	230,674*	234,351*	230,361*	231,156*	26,797	25,128	23,976	24,033	15,929	18,442
Electric and electronic equipment	558,174*	619,807*	566,323*	537,157*	540,691*	531,942*	6,277	6,790	7,214	7,244	18,689	18,496
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	112,443*	115,819*	109,645*	106,986*	112,629*	2,689	2,615	3,177	3,725	3,943	3,878
Instruments and related products	57,279*	59,327*	59,630*	67,395*	82,773*	78,943*	143	(D)	(D)	(D)	(D)	433
Miscellaneous manufacturing industries	19,071*	20,108*	19,938*	21,621*	24,417*	17,831*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	1,739,623	1,838,855	1,921,846	2,082,598	2,200,376	2,371,276	34,136	33,451	36,951	39,465	42,879	41,687
Railroad transportation	288,852	283,347	274,126	267,734	256,205	248,732	2,463	2,350	2,249	2,082	1,157	90
Trucking and warehousing	468,750	491,261	532,833	545,509	591,857	612,535	20,663	18,736	18,273	20,209	23,957	22,237
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	242	288
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,855	3,726	4,769	(D)	(D)	(D)
Communication	374,195*	400,394*	441,012*	535,672*	589,026*	696,185	2,701	2,454	2,251	1,059	1,166	(D)
Electric, gas, and sanitary services	(D)	199,515*	205,456*	229,038*	228,396*	224,155*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,414,384	1,521,083	1,626,015	1,782,197	1,901,234	2,022,040	21,433	24,317	24,612	26,990	26,940	29,366
Retail trade	1,608,504	1,694,890	1,788,091	1,874,365	2,013,549	2,072,322	80,097	78,881	81,254	88,682	100,475	109,643
Finance, insurance, and real estate	1,143,365	1,266,724	1,441,597	1,693,060	1,730,314	1,735,458	13,612	14,139	14,899	23,160	21,680	25,851
Banking and credit agencies	349,105*	376,157*	401,144*	436,450*	(D)	483,184*	8,794	9,115	8,889	10,325	12,210	(D)
Other finance, insurance, and real estate[9]	788,312*	884,365*	977,675*	1,242,560*	(D)	1,246,933*	4,818	5,024	6,010	12,835	9,470	(D)
Services	3,396,681	3,757,454	4,125,223	4,526,050	5,011,545	5,520,998	142,091	145,455	153,504	166,939	179,400	201,883
Hotels and other lodging places	90,004*	(D)	(D)	108,241*	111,097*	116,923*	1,061	1,043	1,397	1,639	1,905	1,705
Personal services	166,912	198,831	216,659	227,804	262,042	290,600	8,339	10,161	10,230	11,380	13,312	15,068
Private households	(D)	(D)	(D)	(D)	(D)	(D)	1,087	1,090	1,088	1,089	1,152	1,209
Business services	731,806	833,993	935,232	1,029,124	1,140,182	1,298,053	14,679	16,170	18,814	20,568	21,280	24,947
Auto repair, services, and garages	137,612	159,810	167,213	170,843	182,501	191,784	7,684	6,492	6,923	7,864	8,425	8,299
Miscellaneous repair services	72,221	58,012	70,391	74,998	86,778	93,163	1,981	2,073	2,364	2,395	3,330	3,411
Amusement and recreation services	(D)	(D)	(D)	(D)	121,310*	125,413*	4,582	4,929	4,566	4,686	4,980	5,637
Motion pictures	38,426*	45,061*	45,523*	47,811*	59,620*	61,564*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,067,119	1,151,928	1,243,001	1,391,802	1,541,774	1,676,061	67,065	66,312	69,699	77,689	79,976	92,042
Legal services	289,920	332,934	381,404	432,262	461,259	508,304	7,155	7,321	8,146	7,505	8,315	9,000
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	7,727	8,197	8,333	7,913	8,457	9,362
Social services	65,423*	71,603	78,474	82,843	92,188	106,216	5,630	6,097	5,209	6,273	7,599	8,543
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	129,280	134,030	142,593	156,326	171,836	180,004	8,452	8,287	8,258	8,925	9,930	10,234
Miscellaneous services	390,346	437,313	506,570	548,540	610,310	687,400	6,268	7,147	8,216	8,694	10,347	11,991
Government and government enterprises	2,277,495	2,464,174	2,616,096	2,795,776	3,022,377	3,206,816	133,016	144,579	151,515	154,393	159,096	163,302
Federal, civilian	780,950	813,209	828,292	887,242	981,426	1,033,494	6,656	7,241	7,310	7,609	8,088	8,283
Military	179,336	210,017	228,887	244,026	253,447	259,695	4,026	4,588	4,813	5,129	5,370	5,594
State and local	1,317,209	1,440,948	1,558,917	1,664,508	1,787,504	1,913,627	122,334	132,750	139,392	141,655	145,638	149,425

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Killeen—Temple, TX (MSA)						Knoxville, TN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,409,233**	**2,603,727**	**2,703,134**	**2,830,208**	**3,012,548**	**3,185,621**	**6,368,462**	**6,728,370**	**7,215,697**	**7,831,816**	**8,563,842**	**9,110,704**
Nonfarm personal income	2,402,770	2,591,926	2,690,282	2,809,843	2,990,579	3,165,252	6,314,835	6,687,328	7,178,404	7,786,961	8,515,950	9,063,659
Farm income[1]	6,463	11,801	12,852	20,365	21,969	20,369	53,627	41,042	37,293	44,855	47,892	47,045
Population (thousands)[2]	228.5	232.9	231.8	236.8	239.6	241.7	589.3	589.1	588.5	594.2	599.6	602.9
Per capita personal income (dollars)	**10,543**	**11,178**	**11,662**	**11,951**	**12,574**	**13,179**	**10,807**	**11,421**	**12,261**	**13,180**	**14,282**	**15,110**
Derivation of total personal income:												
Total earnings by place of work	1,885,152	2,022,196	2,098,036	2,202,560	2,333,801	2,412,554	4,698,916	4,960,266	5,344,341	5,898,003	6,474,340	6,810,768
Less: Personal contributions for social insurance[3]	99,378	109,788	116,359	120,020	132,668	140,637	272,114	302,677	325,206	342,708	390,538	428,979
Plus: Adjustment for residence	11,240	8,798	−537	−4,706	−2,788	4,773	6,303	−13,474	−52,603	−77,723	−98,661	−107,307
Equals: Net earnings by place of residence	1,797,014	1,921,206	1,981,140	2,077,834	2,198,345	2,276,690	4,433,105	4,644,115	4,966,532	5,477,572	5,985,141	6,274,482
Plus: Dividends, interest, and rent[4]	273,480	301,940	309,673	307,978	332,527	382,085	957,614	1,029,862	1,068,764	1,097,637	1,236,870	1,423,540
Plus: Transfer payments	338,739	380,581	412,321	444,396	481,676	526,846	977,743	1,054,393	1,180,401	1,256,607	1,341,831	1,412,682
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,643,237	1,753,323	1,805,996	1,883,994	1,989,999	2,048,873	3,759,589	3,991,781	4,284,361	4,721,235	5,169,379	5,427,851
Other labor income	98,122	100,375	107,562	112,342	124,632	133,066	365,692	371,796	402,487	431,931	476,151	512,269
Proprietors' income[5]	143,793	168,498	184,478	206,224	219,170	230,615	573,635	596,689	657,493	744,837	828,810	870,648
Farm	3,966	9,368	10,479	17,896	19,532	17,943	47,517	35,043	31,327	38,581	41,594	40,628
Nonfarm	139,827	159,130	173,999	188,328	199,638	212,672	526,118	561,646	626,166	706,256	787,216	830,020
Earnings by industry:												
Farm	6,463	11,801	12,852	20,365	21,969	20,369	53,627	41,042	37,293	44,855	47,892	47,045
Nonfarm	1,878,689	2,010,395	2,085,184	2,182,195	2,311,832	2,392,185	4,645,289	4,919,224	5,307,048	5,853,148	6,426,448	6,763,723
Private	901,963	972,971	1,029,132	1,062,449	1,128,015	1,165,588	3,820,722	4,034,131	4,374,961	4,806,600	5,319,517	5,674,405
Agricultural services, forestry, fisheries, and other[7]	3,686	3,772	3,712	7,269	7,392	7,331	12,078	12,641	13,029	18,793	19,838	21,842
Agricultural services	3,649	3,637	3,511	7,136	7,228	7,164	10,379*	10,826*	11,121*	16,687*	19,400	21,427
Forestry, fisheries, and other[7]	(L)	135	201	133	164	167	(D)	(D)	(D)	(D)	438	415
Mining	4,809	5,411	4,288	5,341	6,275	7,134	60,583	56,314	53,697	55,744	55,187	56,137
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	15,354*
Oil and gas extraction	3,410	(D)	(D)	(D)	(D)	(D)	6,595*	9,341*	3,458*	3,595*	5,653*	6,115*
Metal mining	(L)	(L)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	21,484*
Nonmetallic minerals, except fuels	1,395	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12,772*	12,522*	12,043*
Construction	111,829	123,325	132,443	122,364	126,842	114,870	319,457	327,379	368,889	416,334	477,545	504,236
Manufacturing	181,306	190,493	197,727	198,719	209,554	218,169	1,200,643	1,233,479	1,278,170	1,273,107	1,392,938	1,431,341
Nondurable goods	82,144	85,106	92,130	99,400	110,184	112,893	376,031*	362,967*	387,811*	410,048	444,445	440,067
Food and kindred products	5,286*	5,632*	4,946*	5,175*	6,090*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	127,230*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	9,772*	10,554*	12,258	11,774	12,401	13,702	48,458*	56,500*	61,755*	68,934	82,674*	92,118*
Chemicals and allied products	(D)	(D)	(D)	(D)	865	996	(D)	(D)	(D)	(D)	21,004*	20,922*
Petroleum and coal products	830	1,127	1,224	1,267	1,610	1,221	1,640*	2,366*	557*	549*	1,333*	1,077*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	51,256*	52,129*	57,291*	63,808*	70,519*	66,371*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	0	6,513*	(D)	(D)	(D)	(D)	(D)
Durable goods	99,162	105,387	105,597	99,319	99,370	105,276	806,508*	848,092*	874,404*	863,059	948,493	991,274
Lumber and wood products	16,146*	14,797	15,439*	12,768*	9,349*	6,386*	29,957*	32,339	38,295	49,442	55,500	55,775
Furniture and fixtures	15,608*	22,914*	22,460*	21,830*	24,533*	26,259*	(D)	28,242*	29,558*	34,937*	36,714*	44,102*
Primary metal industries	4,848	5,261	5,440	5,805	8,220	9,456	196,309	164,803*	(D)	143,182*	159,010*	137,263*
Fabricated metal products	283*	(D)	521*	348*	346*	974*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	39,429*	37,825*	35,189*	36,343*	38,695*	39,525*	73,544*	73,869*	73,176*	71,913*	54,222*	60,946*
Electric and electronic equipment	(D)	896*	(D)	(D)	1,578*	(D)	(D)	70,761*	62,468*	58,391*	59,556*	68,672*
Transportation equip. excl. motor vehicles	(D)	2,379	2,228	1,654*	(D)	(D)	16,169*	23,712*	27,482*	36,081*	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	13,652*	14,096*	17,460*	12,964*	4,265*	3,831*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	72,941	82,916*
Miscellaneous manufacturing industries	3,828	3,824	3,609	3,752	3,226	3,390	17,813*	19,612*	21,083*	21,044*	26,162*	30,152*
Transportation and public utilities	82,203	83,534	82,016	77,983	80,041	81,327	261,240	264,197	284,583	334,806	363,748	389,685
Railroad transportation	29,558	29,202	25,748	22,898	23,413	24,387	46,424	45,024	42,463	42,934*	47,628	47,776*
Trucking and warehousing	11,821	12,895	13,167	14,804	15,338	16,211	98,828	99,491	111,529	149,476	168,308	177,487
Water transportation	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	8,511	(D)	(D)	(D)	(D)	(D)	29,048*	28,966*	30,373*	32,285*	(D)	(D)
Communication	22,574	22,224	22,292	21,081*	23,587	22,594	67,221*	(D)	81,220*	(D)	(D)	87,330*
Electric, gas, and sanitary services	9,601	10,677	13,911	12,431	10,764	11,100	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	46,547	51,806	52,095	50,526	54,991	59,987	297,040	339,458	368,848	411,162	456,078	485,939
Retail trade	165,157	173,495	179,683	178,066	186,271	192,780	529,646	554,685	602,882	650,584	718,415	758,903
Finance, insurance, and real estate	53,706	59,282	64,582	69,739	70,316	63,539	173,991	184,311	208,611	259,325	256,735	253,577
Banking and credit agencies	25,679	29,179	(D)	(D)	33,174	29,607	(D)	(D)	(D)	90,622*	98,644*	101,522*
Other finance, insurance, and real estate[9]	28,027	30,103	(D)	(D)	37,142	33,932	97,997*	(D)	(D)	163,199*	152,675*	150,758*
Services	252,720	281,853	312,586	352,442	386,333	420,451	966,044	1,061,667	1,196,252	1,386,745	1,579,033	1,772,745
Hotels and other lodging places	2,722*	3,870	4,166	6,315	6,636	5,803	53,329*	52,150*	56,859*	63,537*	70,448*	72,693*
Personal services	16,583	20,925	22,013	23,411	25,517	28,905	46,251	59,016	65,527*	72,447*	82,167*	95,572*
Private households	4,046	4,122	4,175	4,179	4,405	4,632	15,851	15,972	16,002	16,092	17,064	17,949
Business services	26,579	30,857	35,555	52,566	54,802	62,629	140,658	162,464	179,446	217,313	272,454	318,479
Auto repair, services, and garages	14,269	17,003	17,766	18,337	17,324	18,310	39,448	47,394	52,556	57,399	64,074	63,547
Miscellaneous repair services	11,857	12,497	15,861	6,167	5,453	5,727	19,227*	20,261	22,510	22,251	25,806	28,482
Amusement and recreation services	2,385*	3,064	3,964	5,105	5,455	5,616	17,485*	19,569*	26,531*	32,743*	36,120*	41,512*
Motion pictures	(D)	(D)	1,037	952	1,018	1,016	(D)	(D)	(D)	(D)	(D)	(D)
Health services	137,092	146,912	162,119	178,416	203,015	220,599	402,670	428,918	475,656	561,583	635,805	711,466
Legal services	7,543	8,867	10,399	11,433	12,400	12,334	62,707	69,992	81,055	86,052	100,622	118,280
Educational services	5,119	5,568	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,437	5,175	5,033	5,191	5,534	6,230	12,264*	13,177*	14,099*	13,616*	15,348*	18,746*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,367	12,075	10,760	12,196	13,907	14,904	35,141	36,238	37,689	40,990	45,127	46,929
Miscellaneous services	9,508	9,947	13,806	21,835	23,894	26,164	97,434	111,142	140,265	(D)	175,975	197,177
Government and government enterprises	976,726	1,037,424	1,056,052	1,119,746	1,183,817	1,226,597	824,567	885,093	932,087	1,046,548	1,106,931	1,089,318
Federal, civilian	177,698	180,974	180,900	193,680	208,165	219,233	306,842	296,590	291,757	328,528	358,034	287,095
Military	619,986	656,118	662,133	694,694	720,763	732,379	14,571	15,935	16,736	17,862	18,432	18,921
State and local	179,042	200,332	213,019	231,372	254,889	274,985	503,154	572,568	623,594	700,158	730,465	783,302

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Kokomo, IN (MSA)						La Crosse, WI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,289,045**	**1,389,684**	**1,403,384**	**1,437,294**	**1,557,232**	**1,678,827**	**1,150,776**	**1,206,541**	**1,274,496**	**1,350,955**	**1,444,608**	**1,550,233**
Nonfarm personal income	1,262,924	1,359,347	1,376,430	1,410,620	1,537,068	1,647,569	1,139,419	1,197,948	1,260,129	1,336,903	1,435,128	1,534,607
Farm income[1]	26,121	30,337	26,954	26,674	20,164	31,258	11,357	8,593	14,367	14,052	9,480	15,626
Population (thousands)[2]	101.5	101.5	101.0	99.6	98.9	98.4	93.9	94.2	94.4	94.9	95.5	96.1
Per capita personal income (dollars)	**12,703**	**13,691**	**13,888**	**14,427**	**15,739**	**17,069**	**12,261**	**12,813**	**13,499**	**14,232**	**15,125**	**16,127**
Derivation of total personal income:												
Total earnings by place of work	1,200,476	1,317,409	1,305,167	1,327,948	1,459,565	1,554,880	931,215	973,481	1,027,898	1,095,969	1,189,142	1,257,165
Less: Personal contributions for social insurance[3]	66,244	77,143	77,252	76,173	87,586	95,690	57,909	63,450	65,989	72,875	83,320	91,010
Plus: Adjustment for residence	−191,165	−210,893	−203,942	−199,367	−226,606	−235,030	−87,606	−95,953	−99,114	−105,589	−116,573	−119,821
Equals: Net earnings by place of residence	943,067	1,029,373	1,023,973	1,052,408	1,145,373	1,224,160	785,700	814,078	862,795	917,505	989,249	1,046,334
Plus: Dividends, interest, and rent[4]	181,541	191,063	196,176	191,455	203,379	232,862	188,217	198,293	210,072	221,376	233,715	265,462
Plus: Transfer payments	164,437	169,248	183,235	193,431	208,480	221,805	176,859	194,170	201,629	212,074	221,644	238,437
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	993,149	1,096,488	1,087,504	1,099,100	1,214,515	1,279,627	772,292	810,137	849,851	909,447	989,341	1,040,122
Other labor income	127,055	132,494	129,667	129,446	143,801	155,680	77,834	78,896	82,342	86,332	94,823	100,283
Proprietors' income[5]	80,272	88,427	87,996	99,402	101,249	119,573	81,089	84,448	95,705	100,190	104,978	116,760
Farm	21,352	25,745	22,555	22,255	15,917	27,182	8,885	6,118	11,912	11,446	6,840	12,930
Nonfarm	58,920	62,682	65,441	77,147	85,332	92,391	72,204	78,330	83,793	88,744	98,138	103,830
Earnings by industry:												
Farm	26,121	30,337	26,954	26,674	20,164	31,258	11,357	8,593	14,367	14,052	9,480	15,626
Nonfarm	1,174,355	1,287,072	1,278,213	1,301,274	1,439,401	1,523,622	919,858	964,888	1,013,531	1,081,917	1,179,662	1,241,539
Private	1,082,475	1,190,116	1,174,765	1,189,603	1,319,698	1,396,198	802,622	838,342	877,564	939,224	1,028,490	1,083,224
Agricultural services, forestry, fisheries, and other[7]	3,051	3,268	3,510	4,566	5,354	5,675	2,100	2,107	2,262	3,183	3,368	5,372
Agricultural services	3,039	3,221	3,432	4,522	5,298	5,617	2,015	1,986	2,133	3,071	3,239	5,247
Forestry, fisheries, and other[7]	(L)	(L)	78	(L)	56	58	85	121	129	112	129	125
Mining	1,419	1,980	1,179	1,172	1,490	1,526	1,282	1,829	565	632	943	997
Coal mining	(D)	54	59	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	881	(D)	(D)	(D)	(D)	(D)	1,282	1,829	565	632	943	997
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Construction	39,823	38,658	39,537	41,500	42,928	44,389	53,827	51,184	56,716	61,583	68,274	79,262
Manufacturing	761,428	850,718	807,125	786,681	883,561	929,791	250,754	261,463	258,355	275,875	303,316	288,438
Nondurable goods	14,244	13,762	14,797	15,659	16,311	17,553	101,785	99,821	98,451	120,132	143,847	130,596
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	49,533	48,904	52,961	57,233	73,846	54,991
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	8,038	4,843	6,364	(D)	(D)	(D)
Paper and allied products	0	0	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Printing and publishing	3,992*	4,204*	4,320*	4,107*	4,471*	4,568*	10,109	13,636	14,804	15,027	15,620	18,251
Chemicals and allied products	0	0	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	139	105	137	70	71	71
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	31,133	31,571	23,576	37,044	42,105	47,712
Leather and leather products	(D)	(D)	0	0	0	0	0	(D)	(D)	(D)	0	0
Durable goods	747,184	836,956	792,328	771,022	867,250	912,238	148,969	161,642	159,904	155,743	159,469	157,842
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	9,354	10,724	12,218	13,734	15,169	16,245
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	1,997*	(D)	0	(D)	(D)	115	269
Primary metal industries	125,435	130,142	90,152	81,168	95,840	117,291	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	12,123	12,451	18,278	22,800	22,987	25,169
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	920	(D)	633	676	821	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Stone, clay, and glass products	5,678*	5,644*	6,424*	6,710*	7,098*	8,157*	3,776	3,006	2,157	(D)	3,499	2,613
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,049	971	(D)	1,321	1,514	950
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	535	703	3,639	3,555	3,681	1,279	3,847	4,254
Transportation and public utilities	42,936	41,772	44,557	47,586	51,282	51,769	69,157	71,118	70,862	66,808	71,031	74,812
Railroad transportation	1,426	(D)	1,785	2,546	3,234	3,687	16,843	16,849	15,016	13,015	12,981	12,919
Trucking and warehousing	16,009	17,041	18,463	19,920	21,655	20,233	15,247	15,502	16,263	18,833	20,220	20,720
Water transportation	0	0	0	0	0	0	1,062	1,151	429	471	900	940
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,317	3,845	4,046	4,814	5,010	4,958
Communication	10,161*	10,788*	10,265*	10,100*	10,352*	10,927*	15,552	18,162	18,560	12,285	12,916	14,417
Electric, gas, and sanitary services	10,228*	9,634	10,219	10,962	11,687	12,431*	17,136	15,609	16,548	17,390	19,004	20,858
Wholesale trade	21,073	23,056	24,514	25,332	27,959	28,085	72,389	78,541	86,738	101,523	115,415	135,794
Retail trade	84,609	90,005	95,282	99,162	108,016	113,606	106,603	109,910	117,602	117,888	126,076	129,329
Finance, insurance, and real estate	23,290	24,972	27,464	32,880	33,327	31,021	24,288	25,868	29,681	34,607	36,929	42,857
Banking and credit agencies	11,940	12,826	13,700	14,435	14,447	14,793	11,782	12,861	14,044	13,834	15,358	(D)
Other finance, insurance, and real estate[9]	11,350	12,146	13,764	18,445	18,880	16,228	12,506	13,007	15,637	20,773	21,571	(D)
Services	104,846	115,687	131,597	150,724	165,781	190,336	222,222	236,322	254,783	277,125	303,138	326,363
Hotels and other lodging places	1,336*	1,551*	1,568*	1,519*	1,607*	1,617*	3,609	3,235	4,305	5,502	5,779	6,090
Personal services	7,808	8,981	9,426	11,247	13,480	15,636	11,681	13,156	14,341	15,086	18,281	20,386
Private households	1,096	1,097	1,092	1,093	1,152	1,207	2,653	2,662	2,647	2,647	2,814	2,955
Business services	9,179	15,082	23,911	27,887	26,485	36,492	24,342	25,083	26,837	29,340	35,091	36,169
Auto repair, services, and garages	5,753	6,393	6,765	8,014	8,805	9,504	6,601	7,145	7,479	8,379	8,717	9,377
Miscellaneous repair services	2,631	2,404	3,097	2,677	3,237	3,639	2,268	2,142	2,366	2,715	2,874	3,149
Amusement and recreation services	2,037	2,334	2,509	2,797	3,059	3,322	2,250	2,845	3,553	4,058	4,236	4,560
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	254	184	125	(L)	51	(D)
Health services	52,441	54,100	56,255	65,637	71,262	77,716	126,012	136,398	145,244	157,769	167,715	181,358
Legal services	6,159	6,428	7,591	8,127	9,250	10,367	7,082	7,658	8,073	8,613	10,051	10,401
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,020
Social services	2,577	3,030	3,149	3,683	3,999	4,374	9,159	8,720	10,427	11,666	11,975	12,940
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,540	7,669	8,091	8,827	9,589	9,892	6,692	6,704	6,775	7,353	8,213	8,625
Miscellaneous services	4,652	4,951	6,381	7,159	11,611	14,174	13,017	12,967	15,123	16,008	18,952	20,846
Government and government enterprises	91,880	96,956	103,448	111,671	119,703	127,424	117,236	126,546	135,967	142,693	151,172	158,315
Federal, civilian	8,972	9,685	9,981	10,252	11,503	11,530	10,150	10,815	10,786	11,928	12,962	13,774
Military	2,326	2,596	3,043	3,152	3,269	3,323	3,231	3,673	3,986	4,275	4,563	4,682
State and local	80,582	84,675	90,424	98,267	104,931	112,571	103,855	112,058	121,195	126,490	133,647	139,859

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lafayette, LA (MSA)						Lafayette, IN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,735,903**	**2,871,171**	**2,700,815**	**2,562,922**	**2,773,478**	**2,935,407**	**1,380,693**	**1,457,854**	**1,551,700**	**1,647,227**	**1,771,825**	**1,935,701**
Nonfarm personal income	2,732,012	2,868,533	2,696,136	2,555,240	2,758,788	2,922,858	1,355,068	1,436,130	1,532,067	1,624,833	1,757,466	1,915,211
Farm income[1]	3,891	2,638	4,679	7,682	14,690	12,549	25,625	21,724	19,633	22,394	14,359	20,490
Population (thousands)[2]	214.2	216.6	217.4	212.5	209.6	207.4	124.4	124.5	124.2	124.5	125.4	126.0
Per capita personal income (dollars)	**12,774**	**13,258**	**12,422**	**12,060**	**13,229**	**14,154**	**11,101**	**11,709**	**12,497**	**13,228**	**14,133**	**15,366**
Derivation of total personal income:												
Total earnings by place of work	2,390,410	2,483,659	2,215,507	2,070,510	2,299,699	2,379,497	1,134,422	1,197,491	1,279,082	1,373,771	1,486,006	1,619,722
Less: Personal contributions for social insurance[3]	128,841	141,502	136,771	131,792	151,137	162,046	56,326	62,806	67,746	70,997	80,418	90,563
Plus: Adjustment for residence	−179,488	−192,679	−153,653	−130,700	−161,000	−143,837	−110,699	−119,255	−130,393	−142,508	−154,272	−171,777
Equals: Net earnings by place of residence	2,082,081	2,149,478	1,925,083	1,808,018	1,987,562	2,073,614	967,397	1,015,430	1,080,943	1,160,266	1,251,316	1,357,382
Plus: Dividends, interest, and rent[5]	391,723	432,479	427,237	398,644	418,795	474,496	241,668	261,301	274,261	277,873	295,963	339,561
Plus: Transfer payments	262,099	289,214	348,495	356,260	367,121	387,297	171,628	181,123	196,496	209,088	224,546	238,758
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,958,254	2,029,744	1,769,056	1,644,969	1,821,141	1,875,314	921,358	978,575	1,046,162	1,122,507	1,217,949	1,321,405
Other labor income	193,963	193,613	168,501	154,769	170,648	177,690	103,210	104,903	113,459	119,009	128,861	143,383
Proprietors' income[6]	238,193	260,302	277,950	270,772	307,910	326,493	109,854	114,013	119,461	132,255	139,196	154,934
Farm	1,012	−210	1,853	4,704	11,697	9,509	22,423	18,560	16,520	19,167	11,166	17,295
Nonfarm	237,181	260,512	276,097	266,068	296,213	316,984	87,431	95,453	102,941	113,088	128,030	137,639
Earnings by industry:												
Farm	3,891	2,638	4,679	7,682	14,690	12,549	25,625	21,724	19,633	22,394	14,359	20,490
Nonfarm	2,386,519	2,481,021	2,210,828	2,062,828	2,285,009	2,366,948	1,108,797	1,175,767	1,259,449	1,351,377	1,471,647	1,599,232
Private	2,162,401	2,246,176	1,970,387	1,826,005	2,038,092	2,106,190	826,597	872,031	935,810	1,006,942	1,100,086	1,201,754
Agricultural services, forestry, fisheries, and other[7]	5,642	8,175	9,037	9,670	11,472	11,416	3,816	3,785	4,031	5,412	5,917	7,451
Agricultural services	5,118	6,708	6,734	8,244	9,677	9,694	3,788	3,765	4,033	5,407	5,919	7,455
Forestry, fisheries, and other[7]	524	1,467	2,303	1,426	1,795	1,722	(L)	(L)	(L)	(L)	(L)	(L)
Mining	581,940	619,536	460,283	388,836	450,072	416,748	2,865	3,696	2,061	2,689	3,003	3,017
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	404,854*	1,688	2,374	703	750	1,114	1,176
Metal mining	(L)	(L)	(D)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,155	1,300	1,337	1,928	1,875	1,827
Construction	158,261	144,954	114,367	92,651	99,752	103,071	48,689	55,530	63,567	76,488	88,348	93,256
Manufacturing	127,377	130,124	121,179	127,001	156,681	175,569	323,987	336,053	358,202	380,807	408,651	458,555
Nondurable goods	67,734	72,165	81,739	92,430	105,850	113,966	134,780	138,200	143,682	149,705	150,120	156,441
Food and kindred products	29,230	30,576	31,270	33,095	33,652	33,475	46,866	49,270	50,227	50,546	43,138	41,474
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	6,379*	6,319*	6,506*	7,249*	8,623*	8,639*	7,352	7,942	7,485	7,580	7,874	8,257
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	73,497	78,849	85,849
Petroleum and coal products	2,706*	2,649*	2,279	2,094	4,593	4,297	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	815	1,057*	(D)	(D)	678	683	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	0
Durable goods	59,643	57,959	39,440	34,571	50,831	61,603	189,207	197,853	214,520	231,102	258,531	302,114
Lumber and wood products	1,484*	1,457*	1,119*	843*	654*	(D)	(D)	(D)	(D)	5,688	3,913	(D)
Furniture and fixtures	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	789	677	660	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	6,003*	7,061*	6,587*	5,519*	(D)	7,811*	10,725	13,492	15,156	16,601	18,993	19,160
Machinery, except electrical	38,245	36,428	22,143*	18,010*	32,566	41,763	49,269	49,664	49,088	54,022	66,990	78,268
Electric and electronic equipment	(D)	4,541	2,365	2,004	2,673	1,110	(D)	16,749	13,859	13,676	13,029	11,103
Transportation equip. excl. motor vehicles	660	490	(D)	(D)	(D)	374	0	0	0	0	0	0
Motor vehicles and equipment	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	35,516	45,371	76,408
Stone, clay, and glass products	5,227*	4,813*	3,651*	(D)	(D)	(D)	2,734	2,757	3,027	3,536	4,152	3,924
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,196	1,209	545	2,354	3,981*	5,120*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	205,710	214,488	202,061	175,095	179,450	183,247	53,342	50,945	49,218	50,628	55,426	55,522
Railroad transportation	19,664	18,133	16,837	15,191	15,329	15,748	11,664	10,241	7,653	4,991	6,294	7,194
Trucking and warehousing	36,842	39,027	34,927	32,626	37,549	32,291	18,210	16,244	16,942	19,698	21,625	21,381
Water transportation	12,935	13,247*	17,427*	14,617*	10,149*	10,767*	0	0	0	0	0	0
Other transportation[8]	45,721	48,221*	39,647*	37,257*	43,849*	50,555*	2,270	3,254	3,788	4,188	4,273	4,642
Communication	45,904	42,236	37,134	36,899	37,088	39,137	14,856	14,219	14,264	15,518	15,903	15,866
Electric, gas, and sanitary services	44,644	52,803	55,042	37,650	34,668	34,008	6,342	6,987	6,571	6,233	7,331	6,439
Wholesale trade	166,686	166,385	140,354	130,649	146,254	159,243	32,081	34,340	35,400	34,578	37,289	42,488
Retail trade	239,911	242,015	223,591	215,787	233,541	242,780	110,022	116,869	121,367	129,216	139,467	149,170
Finance, insurance, and real estate	88,868	92,494	93,704	92,444	99,720	94,815	57,251	60,714	69,122	79,354	79,828	85,991
Banking and credit agencies	42,540*	43,896*	42,478*	(D)	(D)	33,710	16,842	18,285	22,248	20,845	20,639	22,744
Other finance, insurance, and real estate[9]	40,681*	42,430*	44,705*	55,162*	61,686*	61,105	40,409	42,429	46,874	58,509	59,189	63,247
Services	588,006	628,005	605,811	593,872	661,150	719,301	194,544	210,099	232,842	247,770	282,157	306,304
Hotels and other lodging places	12,419*	11,430*	8,574*	8,911*	8,890*	8,194*	6,095	6,248	5,911	6,127	6,413	6,991
Personal services	21,742	27,597	26,819	27,520	31,439	35,911	11,389	14,064	15,058	13,942	16,507	19,901
Private households	12,673	12,738	12,687	12,481	13,006	13,485	2,986	2,990	2,973	2,972	3,139	3,293
Business services	184,258	189,872	162,436	140,182	166,188	186,237	26,231	31,087	39,689	46,355	53,974	57,001
Auto repair, services, and garages	16,570	20,681	20,052	18,031	19,090	21,113	8,312	9,423	10,325	11,019	12,113	13,310
Miscellaneous repair services	14,248	13,824	10,936	6,673	7,011	7,892	3,409	2,776	3,217	2,537	2,662	3,045
Amusement and recreation services	7,672*	9,975	11,396	10,743	11,983	14,275	2,015	2,174	2,504	2,889	3,440	3,964
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	150,569	164,410	168,743	186,941	201,542	216,053	94,610	99,730	108,039	116,881	132,022	140,853
Legal services	78,583	83,867	96,562	102,422	112,161	117,036	9,689	10,214	11,031	11,656	13,495	15,025
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,910	2,122	2,145	2,175	2,379	2,637
Social services	5,998	6,012	6,591	6,510	6,671	8,006	5,111	5,520	5,927	6,882	8,604	10,177
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	12,777	11,944	12,442	13,182	14,753	15,825	9,662	9,730	10,208	11,100	12,089	12,815
Miscellaneous services	61,060	66,044	58,448	49,982	58,488	64,157	12,188	13,027	14,801	12,068	14,032	15,973
Government and government enterprises	224,118	234,845	240,441	236,823	246,917	260,758	282,200	303,736	323,639	344,435	371,561	397,478
Federal, civilian	22,904	25,423	25,259	26,429	28,457	30,401	14,569	15,187	15,148	16,277	18,192	18,835
Military	5,227	5,647	6,045	6,506	6,701	6,843	4,740	5,350	5,929	6,435	6,531	6,805
State and local	195,987	203,775	209,137	203,888	211,759	223,514	262,891	283,199	302,562	321,723	346,838	371,838

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lake Charles, LA (MSA)						Lake County, IL (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,875,028**	**1,924,193**	**1,948,942**	**2,028,761**	**2,143,616**	**2,266,939**	**8,161,175**	**8,946,311**	**9,745,503**	**10,872,281**	**11,906,224**	**13,039,483**
Nonfarm personal income	1,868,475	1,922,168	1,947,361	2,024,262	2,124,224	2,256,603	8,155,166	8,938,382	9,738,833	10,864,947	11,898,510	13,030,286
Farm income[1]	6,553	2,025	1,581	4,499	19,392	10,336	6,009	7,929	6,670	7,334	7,714	9,197
Population (thousands)[2]	175.1	174.3	172.9	172.3	172.4	171.7	459.2	468.6	476.5	485.6	495.3	505.3
Per capita personal income (dollars)	**10,710**	**11,042**	**11,272**	**11,778**	**12,438**	**13,202**	**17,773**	**19,092**	**20,453**	**22,388**	**24,037**	**25,804**
Derivation of total personal income:												
Total earnings by place of work	1,452,451	1,457,886	1,448,960	1,530,185	1,624,562	1,706,842	4,498,185	4,974,690	5,457,409	5,987,806	6,729,814	7,489,959
Less: Personal contributions for social insurance[3]	77,942	82,303	88,836	96,528	105,579	116,243	261,705	303,195	342,041	369,166	432,892	498,608
Plus: Adjustment for residence	−65,545	−62,351	−64,063	−66,795	−67,079	−74,813	1,859,538	2,065,607	2,257,035	2,648,818	2,796,875	2,872,406
Equals: Net earnings by place of residence	1,308,964	1,313,232	1,296,061	1,366,862	1,451,904	1,515,786	6,096,018	6,737,102	7,372,403	8,267,458	9,093,797	9,863,757
Plus: Dividends, interest, and rent[5]	273,878	297,989	303,044	298,819	313,411	355,222	1,428,371	1,515,702	1,647,484	1,836,631	1,997,922	2,295,667
Plus: Transfer payments	292,186	312,972	349,837	363,080	378,301	395,931	636,786	693,507	725,616	768,192	814,505	880,059
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,161,137	1,167,689	1,147,946	1,210,861	1,267,852	1,339,716	3,599,665	3,964,553	4,349,774	4,710,783	5,315,385	5,954,842
Other labor income	158,502	152,238	153,756	165,764	173,972	182,817	323,823	342,587	374,209	407,556	462,685	527,919
Proprietors' income[6]	132,812	137,959	147,258	153,560	182,738	184,309	574,697	667,550	733,426	869,467	951,744	1,007,198
Farm	5,018	571	187	3,080	18,010	8,997	998	2,979	1,801	2,234	2,664	4,122
Nonfarm	127,794	137,388	147,071	150,480	164,728	175,312	573,699	664,571	731,625	867,233	949,080	1,003,076
Earnings by industry:												
Farm	6,553	2,025	1,581	4,499	19,392	10,336	6,009	7,929	6,670	7,334	7,714	9,197
Nonfarm	1,445,898	1,455,861	1,447,379	1,525,686	1,605,170	1,696,506	4,492,176	4,966,761	5,450,739	5,980,472	6,722,100	7,480,762
Private	1,266,612	1,269,046	1,261,369	1,336,571	1,411,712	1,498,455	3,559,947	3,951,177	4,356,148	4,852,125	5,546,886	6,221,178
Agricultural services, forestry, fisheries, and other[7]	5,169	5,670	5,407	5,067	5,253	5,336	32,173	36,654	40,429	47,886	65,163	72,916
Agricultural services	4,068	3,877	3,507	4,089	4,184	4,259	31,514	36,174	40,104	47,474	64,718	72,496
Forestry, fisheries, and other[7]	1,101	1,793	1,900	978	1,069	1,077	659	480	325	412	445	420
Mining	78,055	81,294	49,321	36,271	37,780	44,490	45,317	55,147	38,970	34,938	30,491	26,747
Coal mining	0	0	0	0	0	0	(L)	(L)	52	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	44,463	(D)	(D)	(D)	(D)	12,685	13,334
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	17,777	13,383
Construction	128,219	118,966	146,920	121,089	115,904	131,912	261,711	284,075	320,800	397,744	451,819	518,217
Manufacturing	379,951	377,423	375,755	458,996	489,733	493,133	1,157,410	1,321,588	1,382,791	1,428,145	1,601,460	1,727,632
Nondurable goods	364,205	361,618	361,009	401,661	415,773	417,306	592,884	663,907	711,363	756,850	854,224	965,482
Food and kindred products	10,178	8,736	(D)	5,850	5,793	7,765	71,063	74,002	81,723	81,804	92,368	100,798
Textile mill products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	67	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,496	15,612	16,400
Paper and allied products	(D)	(D)	0	0	(D)	0	23,386	23,507	22,332	24,484	39,394	44,044
Printing and publishing	7,748	7,928	7,636	8,010	7,686	7,313	63,440	98,808	102,531	98,169	110,899	108,440
Chemicals and allied products	192,902	191,028	195,812	212,870	214,207	220,756	(D)	(D)	(D)	(D)	(D)	641,967
Petroleum and coal products	152,058	152,514	147,647	171,875	185,082	178,007	325	349	456	529	8,605	8,542
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	1,395	1,983	2,667	(D)	(D)	45,690	41,513	38,273	39,035	20,128	41,032
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	15,746	15,805	14,746	57,335	73,960	75,827	564,526	657,681	671,428	671,295	747,236	762,150
Lumber and wood products	1,156	1,053	663	770	823	675	10,403	14,259	15,936	17,468	19,388	18,226
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	9,070	9,082	8,646	9,965	11,307	13,382
Primary metal industries	(D)	(D)	(D)	(D)	(D)	0	28,936	26,991	25,784	18,514	20,345	21,327
Fabricated metal products	1,745	2,609	3,074	3,303	4,802	11,453	50,852	53,069	62,480	72,101	80,246	102,889
Machinery, except electrical	3,888	3,512	3,337	3,433	4,331	5,559	187,682	237,338	217,311	203,632	187,230	161,518
Electric and electronic equipment	0	0	0	0	0	0	86,159	83,089	75,152	73,677	79,140	103,518
Transportation equip. excl. motor vehicles	(D)	3,023	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,754	9,011	9,703
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,158	(D)	(D)	3,706	7,163	14,432
Stone, clay, and glass products	4,088	3,797	3,796	3,396	2,902	7,124	36,416	34,022	27,061	28,498	45,421	19,977
Instruments and related products	632	(D)	(D)	662	685	(D)	143,280	181,880	217,067	221,065	270,687	280,253
Miscellaneous manufacturing industries	347	451	160	294	(D)	(D)	(D)	10,287	13,826	16,915	17,298	16,925
Transportation and public utilities	128,376	130,375	122,754	118,668	130,867	132,676	175,617	200,731	218,574	238,296	264,144	236,684
Railroad transportation	10,949	11,244	8,843	6,583	(D)	8,920	5,303	5,008	5,237	(D)	5,432	5,714
Trucking and warehousing	22,576	22,820	23,989	22,037	23,903	22,093	38,083	39,336	41,401	45,979	49,778	53,267
Water transportation	22,495	22,667	14,306	16,137	16,005	17,340	2,611	2,866	3,279	(D)	3,944	3,830
Other transportation[8]	6,798	6,932	8,751	9,283	(D)	19,441	26,285	46,286	59,537	65,195	75,058	46,311
Communication	26,431	25,458	21,902	20,639	16,267	15,519	37,287	38,957	39,191	44,338	47,487	45,413
Electric, gas, and sanitary services	39,127	41,254	44,963	43,989	48,362	49,363	66,048	68,278	69,929	73,600	82,445	82,149
Wholesale trade	75,413	68,372	63,984	64,711	65,024	78,341	323,079	282,421	323,578	369,454	509,508	708,939
Retail trade	141,534	142,756	138,071	142,330	148,033	158,700	464,299	517,561	562,794	637,034	716,738	752,850
Finance, insurance, and real estate	50,139	51,531	52,170	59,631	60,991	62,301	117,133	118,596	164,297	269,591	280,807	347,308
Banking and credit agencies	29,031	28,474	28,681	28,018	28,680	29,521	60,479	60,370	70,583	76,496	90,710	127,957
Other finance, insurance, and real estate[9]	21,108	23,057	23,489	31,613	32,311	32,780	56,654	58,226	93,714	193,095	190,097	219,351
Services	279,756	292,659	306,987	329,808	358,127	391,566	983,208	1,134,404	1,303,915	1,429,037	1,626,756	1,829,885
Hotels and other lodging places	6,215	5,950	5,246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11,654
Personal services	16,965	20,988	22,178	20,110	23,113	25,679	44,851	54,595	63,882	67,896	78,099	91,053
Private households	10,379	10,432	10,389	10,218	10,655	11,048	22,477	22,508	22,364	21,962	23,197	24,305
Business services	42,755	45,440	44,540	45,640	51,149	61,685	349,759	428,833	524,808	567,761	657,346	725,616
Auto repair, services, and garages	10,800	10,364	10,561	10,339	12,284	12,782	33,549	38,478	45,756	50,308	53,546	64,167
Miscellaneous repair services	7,520	6,352	6,952	6,153	7,157	8,409	11,808	11,102	15,928	16,678	20,211	22,077
Amusement and recreation services	5,078	5,375	5,324	5,117	5,161	5,378	35,347	38,546	39,544	42,181	44,789	76,934
Motion pictures	182	181	258	(D)	(D)	(D)	2,233	2,454	2,370	2,622	3,337	3,674
Health services	104,811	109,217	112,431	126,373	135,517	143,270	295,224	316,483	339,021	393,469	447,543	492,298
Legal services	31,181	33,558	38,375	45,722	47,889	49,569	50,365	56,551	66,042	75,660	85,789	95,255
Educational services	4,595	6,039	6,325	7,508	8,849	8,771	25,993	36,115	45,728	49,496	48,794	49,893
Social services	3,583	4,860	5,464	5,941	5,907	6,431	20,441	24,181	25,744	26,626	29,309	33,984
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	292
Membership organizations	11,605	10,920	11,121	12,077	13,437	14,217	29,900	31,985	33,316	40,028	44,754	49,229
Miscellaneous services	24,087	22,983	27,823	29,006	31,791	39,907	53,367	65,516	71,808	64,503	78,444	89,454
Government and government enterprises	179,286	186,815	186,010	189,115	193,458	198,051	932,229	1,015,584	1,094,591	1,128,347	1,175,214	1,259,584
Federal, civilian	17,153	17,793	17,634	18,356	19,697	19,875	180,310	193,520	193,459	237,995	252,527	266,546
Military	4,437	4,832	5,219	5,830	6,331	6,474	397,798	443,182	488,100	452,481	445,289	471,195
State and local	157,696	164,190	163,157	164,929	167,430	171,702	354,121	378,882	413,032	437,871	477,398	521,843

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lakeland—Winter Haven, FL (MSA)						Lancaster, PA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,825,819**	**4,130,477**	**4,412,109**	**4,774,529**	**5,294,410**	**5,767,779**	**4,966,542**	**5,364,413**	**5,838,019**	**6,350,368**	**6,870,325**	**7,466,803**
Nonfarm personal income	3,678,686	3,992,992	4,270,412	4,626,050	5,070,607	5,581,026	4,823,864	5,240,908	5,691,588	6,212,378	6,782,980	7,344,205
Farm income[1]	147,133	137,485	141,697	148,479	223,803	186,753	142,678	123,505	146,431	137,990	87,345	122,598
Population (thousands)[2]	357.9	368.4	377.6	386.5	395.8	404.9	382.4	387.3	395.4	405.4	414.1	423.2
Per capita personal income (dollars)	**10,691**	**11,212**	**11,684**	**12,352**	**13,377**	**14,246**	**12,988**	**13,851**	**14,766**	**15,666**	**16,590**	**17,645**
Derivation of total personal income:												
Total earnings by place of work	2,692,924	2,854,985	3,017,925	3,302,741	3,668,718	3,907,791	3,528,035	3,765,448	4,121,552	4,537,221	4,912,194	5,284,521
Less: Personal contributions for social insurance[3]	140,222	158,605	169,312	176,596	202,314	229,077	214,949	243,071	268,282	296,895	338,196	374,919
Plus: Adjustment for residence	−115,318	−118,375	−115,678	−124,984	−136,934	−144,529	236,828	262,651	287,763	315,318	344,421	371,140
Equals: Net earnings by place of residence	2,437,384	2,578,005	2,732,935	3,001,161	3,329,470	3,534,185	3,549,914	3,785,028	4,141,033	4,555,644	4,918,419	5,280,742
Plus: Dividends, interest, and rent[5]	740,556	823,361	892,450	928,970	1,035,172	1,218,472	809,415	909,426	979,346	1,040,948	1,148,030	1,323,946
Plus: Transfer payments	647,879	729,111	786,724	844,398	929,768	1,015,122	607,213	669,959	717,640	753,776	803,876	862,115
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,117,461	2,257,136	2,363,495	2,595,884	2,832,750	3,053,983	2,692,126	2,910,249	3,172,433	3,494,882	3,825,698	4,098,660
Other labor income	207,375	212,057	224,796	242,130	263,527	287,426	298,838	312,564	346,168	374,841	408,856	441,797
Proprietors' income[6]	368,088	385,792	429,634	464,727	572,441	566,382	537,071	542,635	602,951	667,498	677,640	744,064
Farm	121,010	111,934	116,791	122,883	198,633	161,910	123,032	103,810	126,843	117,220	66,361	101,143
Nonfarm	247,078	273,858	312,843	341,844	373,808	404,472	414,039	438,825	476,108	550,278	611,279	642,921
Earnings by industry:												
Farm	147,133	137,485	141,697	148,479	223,803	186,753	142,678	123,505	146,431	137,990	87,345	122,598
Nonfarm	2,545,791	2,717,500	2,876,228	3,154,262	3,444,915	3,721,038	3,385,357	3,641,943	3,975,121	4,399,231	4,824,849	5,161,923
Private	2,243,479	2,389,116	2,520,019	2,754,092	3,003,556	3,238,289	3,128,012	3,367,301	3,683,711	4,083,013	4,480,030	4,781,831
Agricultural services, forestry, fisheries, and other[7]	53,278	59,963	61,581	65,658	74,663	78,784	26,853	27,225	29,724	43,438	46,341	48,907
Agricultural services	52,823	59,306	60,533	64,908	73,685	77,384	25,650	25,794	28,269	42,203	44,937	47,793
Forestry, fisheries, and other[7]	455	657	1,048	750	978	1,400	1,203	1,431	1,455	1,235	1,404	1,114
Mining	139,529	139,350	119,791	115,480	127,547	139,464	15,211	18,275	13,030	16,030	18,376	20,659
Coal mining	0	0	0	0	0	0	188	173	192	104	126	133
Oil and gas extraction	5,991	9,152	2,807	(D)	4,882	5,220	6,130	9,629	3,279	3,450	5,288	5,672
Metal mining	(L)	55	70	(D)	299	303	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	133,558	130,143	116,914	112,133	122,366	133,941	8,902	8,477	9,559	12,476	12,962	14,854
Construction	200,985	208,012	215,964	227,326	244,314	256,709	238,421	281,174	332,527	389,940	456,846	484,019
Manufacturing	479,799	487,564	486,239	532,507	583,870	604,662	1,377,998	1,442,294	1,541,547	1,650,953	1,755,824	1,811,573
Nondurable goods	285,915	297,312	296,832	318,253	357,300	380,203	491,594	520,322	563,573	602,202	640,110	671,463
Food and kindred products	110,890	114,330	121,959	132,848	151,320	159,348	150,847	162,814	176,358	189,619	199,678	208,480
Textile mill products	0	0	(D)	(D)	(D)	(D)	23,391	24,772	26,648	29,982	32,024	32,794
Apparel and other textile products	1,767	1,840	2,880	4,207	4,435	5,872	68,159	64,090	59,172	59,087	55,333	62,520
Paper and allied products	14,330	14,476	17,099	18,215	21,641	20,383	16,108	16,378	16,544	19,086	21,459	23,008
Printing and publishing	15,557	17,823	20,577	22,809	23,002	24,462	125,021	146,770	170,247	182,782	208,542	216,110
Chemicals and allied products	129,368	134,719	117,203	121,725	136,082	149,805	38,362	40,950	45,576	47,632	50,207	56,929
Petroleum and coal products	123	355	(D)	(D)	(D)	(D)	2,249	3,061	423	452	431	496
Tobacco manufactures	0	0	0	0	0	0	8,737	9,208	11,168	9,320	10,273	10,829
Rubber and misc. plastic products	13,880	13,769	16,329	18,117	20,349	19,796	46,082	45,509	51,410	57,858	55,607	54,450
Leather and leather products	0	0	0	0	0	0	12,638	6,770	6,027	6,384	6,556	5,847
Durable goods	193,884	190,252	189,407	214,254	226,570	224,459	886,404	921,972	977,974	1,048,751	1,115,714	1,140,110
Lumber and wood products	56,672	60,365	58,413	63,251	66,849	66,832	44,646	49,173	58,065	58,909	71,263	83,991
Furniture and fixtures	5,154	5,707	5,975	8,926	9,021	8,266	10,300	10,572	11,543	22,778	22,282	21,772
Primary metal industries	1,175	581	711	962	779	914	90,135	86,468	97,489	103,507	109,463	114,001
Fabricated metal products	21,055	23,153	29,278	34,458	34,565	30,873	184,170	189,920	201,631	208,169	210,293	223,571
Machinery, except electrical	28,957	31,848	33,595	35,438	38,893	40,259	133,111	137,418	141,026	156,538	189,372	215,399
Electric and electronic equipment	6,079	5,991	4,529	5,033	6,536	4,791	146,223	153,670	156,272	152,607	124,715	118,556
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	19,869	19,366	22,012	23,760	25,049	22,410
Motor vehicles and equipment	1,700	1,759	1,875	2,738	2,586	2,787	6,933	11,504	13,063	15,635	19,735	19,731
Stone, clay, and glass products	30,331	30,879	35,908	40,433	41,379	40,660	52,708	53,877	56,953	62,332	67,928	63,491
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	14,462	17,165	19,787	22,469	25,144	12,077
Miscellaneous manufacturing industries	5,821	5,639	7,639	9,070	10,341	9,361	183,847	192,839	200,133	222,047	250,470	245,111
Transportation and public utilities	173,726	170,746	181,943	189,022	204,206	217,119	212,440	219,194	233,073	237,303	260,613	277,434
Railroad transportation	25,949	22,595	19,350	15,969	18,265	18,415	(D)	(D)	(D)	5,809	6,153	6,519
Trucking and warehousing	83,110	84,261	95,083	103,831	113,039	121,477	130,621	131,897	137,912	141,879	152,006	162,039
Water transportation	282	260	(D)	(D)	(D)	94	0	0	(D)	0	(D)	(D)
Other transportation[8]	6,655	6,818	(D)	(D)	(D)	13,895	(D)	(D)	15,625	16,478	(D)	(D)
Communication	43,513	41,139	42,553	44,967	42,644	43,794	30,230	30,501	32,997	34,726	40,136	43,801
Electric, gas, and sanitary services	14,217	15,673	16,575	15,084	18,465	19,444	34,251	39,000	40,917	38,411	44,292	45,137
Wholesale trade	139,712	159,575	168,034	186,212	197,698	222,184	202,301	217,908	243,394	279,495	313,191	346,196
Retail trade	376,659	407,185	436,622	467,437	501,334	542,351	348,639	374,496	411,728	441,902	494,204	543,462
Finance, insurance, and real estate	118,719	131,137	145,606	184,290	178,997	190,501	114,997	126,752	150,869	186,983	199,286	210,713
Banking and credit agencies	41,343	46,605	51,350	50,905	53,806	56,193	55,006	58,808	67,225	65,497	78,843	84,925
Other finance, insurance, and real estate[9]	77,376	84,532	94,256	133,385	125,191	134,308	59,991	67,944	83,644	121,486	120,443	125,788
Services	561,072	625,584	704,239	786,160	890,927	986,515	591,152	659,983	727,819	836,969	935,349	1,038,868
Hotels and other lodging places	20,697	22,786	19,934	21,893	29,808	33,687	33,608	40,158	33,756	38,274	37,662	41,260
Personal services	24,926	30,371	32,903	32,405	36,335	39,293	32,148	41,546	47,529	51,222	59,566	68,443
Private households	17,510	18,019	18,395	18,825	20,334	21,760	13,307	13,278	13,227	13,210	13,952	14,609
Business services	56,538	68,059	80,120	95,802	108,825	123,790	67,782	80,696	91,938	107,006	127,475	146,485
Auto repair, services, and garages	22,462	23,741	25,866	26,452	28,854	32,317	40,357	45,944	48,011	50,234	52,396	57,708
Miscellaneous repair services	15,302	14,874	18,773	21,184	23,726	26,387	18,829	17,077	20,994	23,245	27,324	22,424
Amusement and recreation services	27,679	29,061	34,069	47,579	46,278	45,761	12,173	13,937	14,047	17,873	18,207	19,745
Motion pictures	1,565	(D)	(D)	(D)	(D)	(D)	710	1,092	1,141	1,304	1,304	1,568
Health services	197,707	220,404	244,197	280,212	314,848	348,392	232,964	253,755	278,405	328,073	367,442	411,561
Legal services	49,545	58,035	65,566	67,218	76,687	82,572	21,932	24,163	27,391	31,223	34,721	40,014
Educational services	15,882	17,578	17,943	18,699	20,340	22,172	33,082	35,127	37,101	41,189	43,170	47,820
Social services	13,342	15,347	18,320	20,070	23,315	27,138	17,822	20,657	23,237	26,266	28,605	32,762
Museums, botanical, zoological gardens	586	(D)	(D)	(D)	(D)	(D)	102	96	122	191	231	275
Membership organizations	23,321	23,841	25,531	28,401	31,767	33,830	24,568	25,357	27,650	30,603	34,594	36,926
Miscellaneous services	74,010	81,165	100,209	104,709	127,043	146,460	41,768	47,100	63,270	77,056	88,700	97,268
Government and government enterprises	302,312	328,384	356,209	400,170	441,359	482,749	257,345	274,642	291,410	316,218	344,819	380,092
Federal, civilian	28,439	31,547	32,613	35,543	39,895	41,969	35,183	36,404	37,762	40,152	44,552	47,091
Military	4,189	4,824	5,242	5,461	5,670	5,744	9,145	10,204	10,910	11,516	12,181	12,790
State and local	269,684	292,013	318,354	359,166	395,794	435,036	213,017	228,034	242,738	264,550	288,086	320,211

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lansing—East Lansing, MI (MSA)						Laredo, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,222,663**	**5,572,981**	**5,972,962**	**6,259,640**	**6,687,674**	**7,186,395**	**732,814**	**788,591**	**826,936**	**875,011**	**964,613**	**1,066,295**
Nonfarm personal income	5,195,858	5,539,394	5,942,012	6,227,378	6,660,503	7,149,276	721,045	780,775	819,039	865,242	953,333	1,055,906
Farm income[1]	26,805	33,587	30,950	32,262	27,171	37,119	11,769	7,816	7,897	9,769	11,280	10,389
Population (thousands)[2]	414.7	416.9	421.2	425.3	428.4	431.4	117.0	118.3	122.9	125.7	128.9	132.6
Per capita personal income (dollars)	**12,595**	**13,367**	**14,180**	**14,717**	**15,612**	**16,659**	**6,261**	**6,663**	**6,729**	**6,959**	**7,482**	**8,043**
Derivation of total personal income:												
Total earnings by place of work	4,282,800	4,645,766	4,911,065	5,050,622	5,373,698	5,717,672	553,328	606,985	620,935	661,254	731,053	802,358
Less: Personal contributions for social insurance[3]	227,269	262,248	268,348	290,991	318,408	348,426	29,353	34,259	35,513	38,010	42,922	49,113
Plus: Adjustment for residence	−281,244	−308,355	−296,156	−230,863	−221,093	−239,329	−22,934	−28,392	−26,066	−27,150	−27,816	−29,076
Equals: Net earnings by place of residence	3,774,287	4,075,163	4,346,561	4,528,768	4,834,197	5,129,917	501,041	544,334	559,356	596,094	660,315	724,169
Plus: Dividends, interest, and rent[5]	724,604	763,686	813,832	843,468	911,192	1,041,890	71,047	77,551	83,025	81,957	89,658	102,973
Plus: Transfer payments	723,772	734,132	812,569	887,404	942,285	1,014,588	160,726	166,706	184,555	196,960	214,640	239,153
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,607,185	3,924,753	4,146,006	4,256,223	4,535,264	4,817,001	437,249	489,862	497,009	526,264	581,700	640,485
Other labor income	438,028	452,238	470,188	463,174	481,831	512,057	40,569	43,326	45,401	48,179	54,724	61,671
Proprietors' income[6]	237,587	268,775	294,871	331,225	356,603	388,614	75,510	73,797	78,525	86,811	94,629	100,202
Farm	18,522	25,436	22,931	23,801	18,724	28,540	8,991	5,097	5,218	6,941	8,461	7,544
Nonfarm	219,065	243,339	271,940	307,424	337,879	360,074	66,519	68,700	73,307	79,870	86,168	92,658
Earnings by industry:												
Farm	26,805	33,587	30,950	32,262	27,171	37,119	11,769	7,816	7,897	9,769	11,280	10,389
Nonfarm	4,255,995	4,612,179	4,880,115	5,018,360	5,346,527	5,680,553	541,559	599,169	613,038	651,485	719,773	791,969
Private	3,114,514	3,412,667	3,575,732	3,618,547	3,852,446	4,077,432	421,584	467,260	466,831	494,056	547,063	606,508
Agricultural services, forestry, fisheries, and other[7]	11,953	13,108	12,831	16,733	17,976	18,104	1,613	1,707	1,680	2,216	2,588	2,491
Agricultural services	11,424	12,798	12,808	16,640	17,957	(D)	1,588	1,676	1,646	2,192	2,561	2,465
Forestry, fisheries, and other[7]	529	310	(L)	93	(L)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Mining	19,123	11,461	11,350	10,692	11,183	11,828	44,676	56,179	46,640	47,774	46,207	47,211
Coal mining	(L)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	17,203*	9,704*	9,181*	(D)	(D)	(D)	42,609	52,335	44,577	45,551	43,153	43,389
Metal mining	(L)	(L)	(L)	(L)	(L)	50	(D)	(D)	0	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)
Construction	145,857	168,974	212,439	216,092	241,627	253,267	29,772	34,981	33,467	30,659	31,127	31,301
Manufacturing	1,445,867	1,568,082	1,525,562	1,399,213	1,436,916	1,453,398	25,251	25,776	26,545	26,778	30,181	30,382
Nondurable goods	82,699	84,987	87,165	93,958	106,762	127,116	17,827	17,039	15,168	13,686	16,046	15,084
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	6,903	7,178	5,752	4,079	4,528	4,019
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)	(D)
Apparel and other textile products	(D)	486	563	696	857	1,260	(D)	(D)	0	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	23,910*	27,735	29,238	31,130	36,787	51,676	3,555	3,763	3,687	2,489	2,576	3,064
Chemicals and allied products	16,839*	13,805*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,208
Petroleum and coal products	154*	185*	(D)	(D)	(D)	138	449	(D)	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	25,308	26,110	27,781	27,497*	28,316*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	2,194	2,668	2,203	2,106	2,279	2,549
Durable goods	1,363,168	1,483,095	1,438,397	1,305,255	1,330,154	1,326,282	7,424	8,737	11,377	13,092	14,135	15,298
Lumber and wood products	(D)	(D)	(D)	7,947	9,136	9,110	285	211	173	129	(D)	200
Furniture and fixtures	(D)	(D)	4,476	(D)	(D)	5,227*	0	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	129	(D)	0	0	(D)	0
Fabricated metal products	58,913*	(D)	(D)	(D)	71,526*	67,480*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	73,781	84,474	100,642	94,660	95,390	100,585	1,828	1,444	1,263	1,295	1,464	2,301
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,921	4,878	6,844	8,357	8,600	7,084
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	5,083*	6,314*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,140,942*	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	721	473	997	1,170	1,535	1,239
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(L)	(D)
Miscellaneous manufacturing industries	1,285	(D)	(D)	(D)	(D)	(D)	1,276	1,285	1,569	1,687	1,879	2,004
Transportation and public utilities	135,925	147,263	154,998	170,230	176,558	191,525	64,704	70,749	75,248	81,759	95,893	114,549
Railroad transportation	7,909	7,818	7,661	7,968	7,963	7,692	6,421	6,341	5,542	5,002	5,846	7,105
Trucking and warehousing	54,113	59,483	63,731	70,509	69,393	78,935	(D)	(D)	26,186	29,865	33,420	42,321
Water transportation	(D)	(D)	−12*	(D)	(D)	(D)	−60	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,353	29,330	38,200	44,487
Communication	44,767	47,888*	48,360*	50,256*	52,932*	58,216	7,863	7,900	8,821	8,594	9,089	10,844
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	7,578	8,128	8,394	8,988	9,333	9,797
Wholesale trade	166,047	178,606	187,006	198,221	192,534	271,552	29,837	31,100	32,062	35,965	41,899	49,715
Retail trade	332,468	358,768	389,628	432,319	472,913	490,608	93,952	103,605	99,562	102,787	120,276	139,150
Finance, insurance, and real estate	210,478	230,360	257,310	278,975	305,016	317,420	28,980	31,618	34,575	39,593	40,920	41,525
Banking and credit agencies	66,494*	72,443*	73,726*	56,710*	59,670*	63,600*	20,731	23,710	26,060	29,471	29,862	29,961
Other finance, insurance, and real estate[9]	138,462*	152,472*	177,931*	(D)	(D)	(D)	8,249	7,908	8,515	10,122	11,058	11,564
Services	646,796	736,045	824,608	896,072	997,723	1,069,730	102,799	111,545	117,052	126,534	137,972	150,184
Hotels and other lodging places	6,589*	7,016*	14,286*	15,943*	15,887*	17,451	8,925	9,822	8,869	8,615	8,316	9,198
Personal services	27,840	35,827	(D)	(D)	(D)	(D)	3,398	4,363	4,513	4,776	5,599	6,283
Private households	8,171	8,196	8,194	8,211	8,655	9,058	(D)	1,349	1,369	1,370	(D)	1,516
Business services	117,876	149,593	160,952	167,547	193,873	207,910	18,951	21,003	19,294	17,843	18,258	19,842
Auto repair, services, and garages	24,069	28,644	32,158	30,038	30,799	33,033	5,366	5,969	6,515	7,141	7,945	8,598
Miscellaneous repair services	8,677	9,023	8,890	9,600	10,366	11,712	1,407	1,487	1,331	1,248	1,466	1,725
Amusement and recreation services	9,711	9,497	11,329	11,893	13,953	15,936	1,780	2,181	2,262	2,298	2,905	2,065
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	265	260	264	(D)	104
Health services	224,266	245,099	281,422	314,787	337,438	345,716	36,898	39,129	42,560	48,352	53,935	58,562
Legal services	42,409	47,836	53,085	61,561	69,782	71,268	4,991	5,196	5,965	6,728	7,300	8,186
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	2,917	3,271	3,429	4,016	4,048	5,686
Social services	31,565	35,728	29,231*	33,767	39,105	43,303	2,475	2,629	2,671	3,149	3,312	3,739
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	73,394	77,937	85,080	91,570	100,847	109,018	5,876	6,718	7,196	8,071	9,309	9,111
Miscellaneous services	55,373	63,588	79,250	80,403	94,485	112,698	8,219	8,163	10,818	12,663	13,870	15,569
Government and government enterprises	1,141,481	1,199,512	1,304,383	1,399,813	1,494,081	1,603,121	119,975	131,909	146,207	157,429	172,710	185,461
Federal, civilian	81,970	88,938	88,674	92,296	100,376	105,655	16,446	16,546	15,601	16,265	18,256	20,106
Military	13,261	15,280	16,087	17,268	17,960	19,042	2,002	2,241	2,373	2,737	2,906	3,063
State and local	1,046,250	1,095,294	1,199,622	1,290,249	1,375,745	1,478,424	101,527	113,122	128,233	138,427	151,548	162,292

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Las Cruces, NM (MSA)						Las Vegas, NV (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**974,960**	**1,071,637**	**1,136,073**	**1,230,211**	**1,300,527**	**1,419,128**	**7,159,616**	**7,843,192**	**8,567,694**	**9,517,999**	**10,762,243**	**12,377,577**
Nonfarm personal income	955,986	1,039,453	1,104,523	1,197,452	1,272,716	1,378,769	7,156,462	7,840,935	8,565,048	9,513,238	10,757,494	12,372,365
Farm income[1]	18,974	32,184	31,550	32,759	27,811	40,359	3,154	2,257	2,646	4,761	4,749	5,212
Population (thousands)[2]	114.4	118.4	123.4	128.4	132.0	136.6	540.7	550.7	570.0	599.1	631.3	668.8
Per capita personal income (dollars)	**8,524**	**9,051**	**9,209**	**9,580**	**9,851**	**10,389**	**13,242**	**14,242**	**15,032**	**15,888**	**17,048**	**18,508**
Derivation of total personal income:												
Total earnings by place of work	679,890	740,459	776,400	833,030	871,119	944,033	5,347,319	5,797,481	6,327,901	7,121,137	8,080,291	9,284,252
Less: Personal contributions for social insurance[3]	39,698	43,584	47,577	50,659	55,505	60,999	239,052	270,277	311,970	338,723	399,055	473,942
Plus: Adjustment for residence	9,716	10,050	12,263	13,798	14,919	8,803	30,325	43,923	38,721	24,050	30,798	9,103
Equals: Net earnings by place of residence	649,908	706,925	741,086	796,169	830,533	891,837	5,138,592	5,571,127	6,054,652	6,806,464	7,712,034	8,819,413
Plus: Dividends, interest, and rent[5]	142,809	164,503	177,441	192,010	203,572	236,723	1,025,847	1,155,096	1,265,978	1,346,682	1,544,714	1,880,638
Plus: Transfer payments	182,243	200,209	217,546	242,032	266,422	290,568	995,177	1,116,969	1,247,064	1,364,853	1,505,495	1,677,526
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	568,201	605,404	637,307	676,154	707,189	755,665	4,690,105	5,086,270	5,536,483	6,225,466	7,057,716	8,115,847
Other labor income	48,104	50,326	53,574	57,133	63,196	70,010	319,618	331,298	365,230	399,219	454,785	535,372
Proprietors' income[6]	63,585	84,729	85,519	99,743	100,734	118,358	337,596	379,913	426,188	496,452	567,790	633,033
Farm	4,535	17,698	17,029	17,250	12,087	24,149	1,606	737	1,153	3,212	3,211	3,673
Nonfarm	59,050	67,031	68,490	82,493	88,647	94,209	335,990	379,176	425,035	493,240	564,579	629,360
Earnings by industry:												
Farm	18,974	32,184	31,550	32,759	27,811	40,359	3,154	2,257	2,646	4,761	4,749	5,212
Nonfarm	660,916	708,275	744,850	800,271	843,308	903,674	5,344,165	5,795,224	6,325,255	7,116,376	8,075,542	9,279,040
Private	369,416	396,338	425,449	468,658	501,401	528,421	4,497,702	4,898,401	5,358,506	6,055,972	6,937,213	7,995,312
Agricultural services, forestry, fisheries, and other[7]	8,813	9,037	9,110	11,029	12,460	13,272	17,018	(D)	24,751	29,119	35,853	46,151
Agricultural services	8,786	8,991	9,036	10,983	12,407	13,039	16,283	(D)	20,546	27,328	33,554	(D)
Forestry, fisheries, and other[7]	(L)	(L)	74	(L)	53	233	735	3,606	4,205	1,791	2,299	(D)
Mining	1,628	2,071	2,057	2,360	2,593	2,449	19,733	(D)	23,039	18,375	19,904	24,345
Coal mining	0	0	0	0	0	0	(D)	(D)	0	0	0	0
Oil and gas extraction	1,560	1,956	1,077	(D)	(D)	(D)	(D)	(D)	4,256	4,545	8,608	9,560
Metal mining	(D)	0	(D)	0	0	0	2,017	1,082	1,102	2,569	3,048	4,720
Nonmetallic minerals, except fuels	(D)	115	(D)	(D)	(D)	(D)	10,210	9,561	17,681	11,261	8,248	10,065
Construction	56,183	59,231	61,965	56,405	59,215	58,155	447,273	478,788	551,607	591,658	741,918	1,041,313
Manufacturing	65,141	64,477	72,186	81,108	82,133	82,784	183,310	194,877	204,556	223,378	249,914	280,129
Nondurable goods	30,883	31,896	34,792	37,043	35,934	37,626	73,889	80,572	89,834	97,443	106,385	115,888
Food and kindred products	12,604	13,475	14,011	16,188	15,124	16,186	15,048	16,089	17,999	20,683	22,668	22,735
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	107	116	(D)	(D)	2,223	2,765	2,784	2,921	3,576	3,923
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	1,333
Printing and publishing	2,361	2,503	2,624	2,992	3,101	3,177	29,372	33,515	37,937	42,383	46,285	55,278
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	19,832	19,963	21,130	20,609	20,654	19,531
Petroleum and coal products	0	(D)	108	(D)	118	134	320	337	(D)	(D)	(D)	203
Tobacco manufactures	0	0	0	0	0	0	(D)	(D)	(D)	(L)	(L)	(L)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	4,374	5,308	6,768	7,823	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(L)	0	0	0
Durable goods	34,258	32,581	37,394	44,065	46,199	45,158	109,421	114,305	114,722	125,935	143,529	164,241
Lumber and wood products	(D)	1,155	1,110	673	(D)	(D)	12,726	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(L)	0	0	(D)	(D)	(D)	2,116	2,489	2,379	4,421	5,396	7,228
Primary metal industries	882	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,706	1,253	1,093	437	839	871	3,651	(D)	(D)	4,532	7,662	10,879
Machinery, except electrical	1,960	1,537	2,835	2,665	2,875	3,124	3,536	4,206	4,620	4,971	5,038	6,625
Electric and electronic equipment	10,770	10,321	12,795	12,814	11,595	10,933	16,478	16,615	13,370	11,067	5,526	6,981
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	526	866	2,158	1,966	1,577
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,672	2,042	2,951	2,378	2,009	1,721
Stone, clay, and glass products	3,605	3,459	3,460	3,803	3,786	3,694	21,628	22,290	23,942	26,634	37,821	45,314
Instruments and related products	0	(D)	(D)	(D)	(D)	(D)	1,082	1,643	2,201	2,422	3,280	3,695
Miscellaneous manufacturing industries	510	515	675	902	729	853	17,079	19,094	22,151	25,302	28,476	27,863
Transportation and public utilities	34,883	37,107	38,528	40,746	43,828	46,794	416,064	426,457	456,315	504,517	548,678	612,135
Railroad transportation	1,476	1,378	1,444	1,510	1,329	1,197	19,791	17,400	15,002	13,137	13,292	14,202
Trucking and warehousing	6,188	5,893	5,595	6,245	6,408	6,959	50,771	50,525	55,277	59,231	65,919	79,234
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	4,735	4,999	5,046	(D)	(D)	(D)	(D)	(D)	(D)
Communication	16,976	18,848	20,138	21,373	22,623	23,515	87,815	92,213	89,437	100,694	114,965	131,772
Electric, gas, and sanitary services	(D)	(D)	(D)	6,883	8,469	10,077	104,744	108,360	116,470	125,744	140,574	155,714
Wholesale trade	15,185	15,483	15,943	18,037	18,891	22,219	178,333	208,415	223,528	260,689	309,238	366,285
Retail trade	69,089	74,602	77,997	83,795	93,588	98,169	592,395	631,842	681,878	762,268	858,351	961,991
Finance, insurance, and real estate	23,334	27,397	28,642	34,487	32,781	32,992	245,865	282,329	317,623	373,962	406,190	460,045
Banking and credit agencies	12,899	14,633	15,713	17,169	18,136	17,738	91,659	108,609	131,873	144,406	161,997	177,417
Other finance, insurance, and real estate[9]	10,435	12,764	12,929	17,318	14,645	15,254	154,206	173,720	185,750	229,556	244,193	282,628
Services	95,160	106,933	119,021	140,691	155,912	171,587	2,397,711	2,631,193	2,875,209	3,292,006	3,767,167	4,202,918
Hotels and other lodging places	5,369	5,152	5,415	6,762	6,735	6,679	1,015,842	1,267,681	1,362,915	1,569,893	1,874,724	2,068,775
Personal services	6,382	7,971	7,827	8,930	10,071	11,119	62,072	76,045	81,806	87,104	102,989	122,241
Private households	3,876	3,939	3,988	(D)	(D)	(D)	16,362	16,790	17,154	17,768	19,636	21,565
Business services	18,166	21,674	23,670	29,103	31,369	37,164	248,537	261,824	297,717	336,065	389,743	468,593
Auto repair, services, and garages	6,101	6,725	6,925	7,408	7,900	8,534	53,036	56,984	64,534	72,501	81,502	94,308
Miscellaneous repair services	2,486	(D)	2,686	2,361	2,720	2,825	25,638	23,826	26,703	27,621	33,284	37,168
Amusement and recreation services	5,906	6,233	6,418	6,396	6,515	7,059	396,631	292,352	310,618	333,237	291,595	279,773
Motion pictures	810	(D)	710	(D)	(D)	(D)	4,811	5,750	(D)	(D)	(D)	8,322
Health services	25,039	29,037	34,922	43,659	48,917	53,004	301,862	339,016	379,180	468,060	534,908	610,256
Legal services	4,497	5,003	5,609	5,843	6,409	6,558	77,031	85,319	96,028	117,014	133,681	146,984
Educational services	1,361	1,421	1,525	2,764	3,892	4,455	8,043	8,437	9,647	12,665	17,224	19,396
Social services	2,284	2,483	2,257	2,614	3,333	3,767	13,447	14,456	16,007	17,836	20,756	24,997
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	(D)	(D)	(D)	453
Membership organizations	6,081	6,232	7,180	8,072	9,362	9,964	48,890	50,997	56,265	60,646	71,450	78,732
Miscellaneous services	6,802	7,600	9,889	11,974	13,424	14,787	125,509	131,716	150,883	157,598	186,585	221,355
Government and government enterprises	291,500	311,937	319,401	331,613	341,907	375,253	846,463	896,823	966,749	1,060,404	1,138,329	1,283,728
Federal, civilian	128,111	134,537	129,128	130,006	130,708	155,286	142,203	149,340	158,888	181,431	197,642	219,139
Military	4,245	4,474	5,195	5,857	5,640	5,495	195,569	192,774	194,334	202,239	196,558	237,818
State and local	159,144	172,926	185,078	195,750	205,559	214,472	508,691	554,709	613,527	676,734	744,129	826,771

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lawrence, KS (MSA)						Lawton, OK (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**743,985**	**804,883**	**860,244**	**918,511**	**998,532**	**1,086,599**	**1,168,216**	**1,239,804**	**1,267,189**	**1,331,304**	**1,370,021**	**1,423,957**
Nonfarm personal income	740,613	802,536	857,477	916,297	995,896	1,084,960	1,161,228	1,226,909	1,248,716	1,314,824	1,352,175	1,404,921
Farm income[1]	3,372	2,347	2,767	2,214	2,636	1,639	6,988	12,895	18,473	16,480	17,846	19,036
Population (thousands)[2]	70.1	71.3	73.5	74.8	76.5	78.3	121.8	120.7	120.5	120.0	119.3	119.2
Per capita personal income (dollars)	**10,615**	**11,283**	**11,710**	**12,273**	**13,055**	**13,886**	**9,592**	**10,274**	**10,520**	**11,096**	**11,485**	**11,945**
Derivation of total personal income:												
Total earnings by place of work	504,144	534,342	586,016	623,468	685,125	740,388	911,566	965,577	988,465	1,049,573	1,060,037	1,083,752
Less: Personal contributions for social insurance[3]	27,774	31,167	35,229	38,045	39,440	44,487	48,994	53,459	56,005	59,649	63,088	65,951
Plus: Adjustment for residence	42,388	50,123	53,337	61,575	59,746	61,966	−16,617	−18,861	−19,907	−24,944	−23,557	−25,758
Equals: Net earnings by place of residence	518,758	553,298	604,124	646,998	705,431	757,867	845,955	893,257	912,553	964,980	973,392	992,043
Plus: Dividends, interest, and rent[5]	130,928	146,678	155,429	163,378	175,881	199,938	125,622	134,092	129,855	124,929	130,991	147,405
Plus: Transfer payments	94,299	104,907	100,691	108,135	117,220	128,794	196,639	212,455	224,781	241,395	265,638	284,509
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	409,997	432,276	471,992	496,535	544,571	591,121	787,152	831,698	845,762	896,851	894,430	904,740
Other labor income	39,006	39,376	42,929	45,445	51,417	55,974	46,268	47,936	50,191	52,970	56,258	63,091
Proprietors' income[6]	55,141	62,690	71,095	81,488	89,137	93,293	78,146	85,943	92,512	99,752	109,349	115,921
Farm	2,109	1,143	1,621	1,061	1,528	581	6,004	11,929	17,522	15,484	16,855	18,039
Nonfarm	53,032	61,547	69,474	80,427	87,609	92,712	72,142	74,014	74,990	84,268	92,494	97,882
Earnings by industry:												
Farm	3,372	2,347	2,767	2,214	2,636	1,639	6,988	12,895	18,473	16,480	17,846	19,036
Nonfarm	500,772	531,995	583,249	621,254	682,489	738,749	904,578	952,682	969,992	1,033,093	1,042,191	1,064,716
Private	341,621	366,906	404,579	445,564	489,769	530,645	409,124	434,189	446,286	471,316	483,777	507,368
Agricultural services, forestry, fisheries, and other[7]	1,140	1,130	1,189	2,102	2,337	2,559	2,264	2,348	2,084	3,299	3,437	3,491
Agricultural services	1,127	1,123	1,190	2,101	2,338	2,561	2,250	2,309	2,028	3,217	3,338	3,395
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	56	82	99	96
Mining	2,453	3,109	1,917	2,038	2,338	2,543	8,380	8,140	6,861	7,642	7,401	7,164
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	2,185	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	268	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	29,850	32,051	40,153	44,552	48,452	50,166	36,816	38,898	39,153	37,617	36,239	35,319
Manufacturing	106,062	108,647	115,297	120,066	127,092	130,326	88,013	92,775	95,251	101,437	108,144	107,672
Nondurable goods	82,028	82,087	86,624	88,526	93,439	98,371	77,014	81,986	84,494	90,064	95,568	101,905
Food and kindred products	9,900	8,233	9,182	9,243	9,199	7,152	11,313	10,455	10,236	10,141	9,192	4,281
Textile mill products	0	0	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Apparel and other textile products	0	0	0	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	16,929	(D)	(D)	(D)	0	0	0
Printing and publishing	37,868	38,071	37,203	39,080	42,733	45,582	3,977	(D)	4,713	5,001	4,718	4,767
Chemicals and allied products	16,226	16,597	18,723	17,567	17,410	18,787	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	106	132	123	(D)	(D)	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	(D)
Durable goods	24,034	26,560	28,673	31,540	33,653	31,955	10,999	10,789	10,757	11,373	12,576	5,767
Lumber and wood products	285	289	230	431	639	636	0	(D)	(D)	155	(D)	(D)
Furniture and fixtures	(D)	0	0	0	0	0	(D)	(D)	(D)	0	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	1,270	1,665	1,716	(D)	(D)	(D)	2,058	2,320	2,291	2,292	2,301	(D)
Machinery, except electrical	621	925	1,303	1,544	1,997	1,837	3,002	2,515	1,609	404	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Motor vehicles and equipment	(D)	6,293	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	2,532	2,926	(D)	(D)	1,780	1,496	2,037	2,954	2,256	2,027
Instruments and related products	1,349	1,310	1,727	969	1,053	1,269	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	743	1,051	1,344	1,588	1,776	2,252	1,032	1,171	461	389	(D)	551
Transportation and public utilities	28,759	28,815	30,529	31,815	31,621	32,694	34,923	35,383	35,827	39,808	41,129	56,493
Railroad transportation	1,865	2,068	(D)	2,479	2,158	1,816	764	727	757	711	739	758
Trucking and warehousing	6,878	6,928	7,557	7,792	7,891	8,624	9,441	9,826	10,136	10,936	10,531	8,581
Water transportation	0	0	0	0	0	0	(L)	(L)	(L)	(L)	0	(L)
Other transportation[8]	7,102	6,487	(D)	7,256	7,123	7,085	(D)	(D)	3,116	7,738	9,113	26,702
Communication	3,985	4,055	4,174	3,222	2,919	3,055	13,712	13,288	12,705	12,105	11,693	11,494
Electric, gas, and sanitary services	8,929	9,277	9,695	11,066	11,530	12,114	(D)	(D)	9,115	8,319	9,053	8,959
Wholesale trade	13,155	14,313	13,989	14,961	16,737	20,370	18,026	19,380	19,065	19,328	20,461	23,390
Retail trade	58,513	63,635	68,786	72,767	77,392	85,727	89,745	102,748	100,554	97,559	97,421	95,228
Finance, insurance, and real estate	15,474	15,974	18,608	26,130	26,894	29,071	26,666	27,529	29,816	32,806	33,935	33,891
Banking and credit agencies	7,253	8,030	9,423	11,691	13,604	16,967	13,165	13,985	15,478	15,223	16,839	16,944
Other finance, insurance, and real estate[9]	8,221	7,944	9,185	14,439	13,290	12,104	13,501	13,544	14,338	17,583	17,096	16,947
Services	86,215	99,232	114,111	131,133	156,906	177,189	104,291	106,988	117,675	131,820	135,610	144,720
Hotels and other lodging places	2,762	2,966	3,201	3,930	4,000	4,567	2,148	1,910	1,612	2,430	2,224	2,051
Personal services	7,035	8,674	9,599	10,494	12,176	12,712	10,901	13,510	13,536	14,416	15,410	16,685
Private households	1,689	1,694	1,694	1,698	1,800	1,889	1,946	1,943	1,932	1,899	1,974	2,053
Business services	18,726	23,198	28,521	38,006	49,502	57,725	32,585	29,225	33,016	38,385	34,404	35,161
Auto repair, services, and garages	4,003	5,816	6,224	6,089	6,285	6,605	6,532	7,731	8,607	8,780	8,735	8,814
Miscellaneous repair services	2,378	1,877	2,730	3,080	4,260	7,402	2,003	1,576	1,784	1,927	2,285	2,453
Amusement and recreation services	1,987	2,171	2,663	3,233	3,576	3,998	2,021	2,597	2,644	2,839	1,997	1,969
Motion pictures	(D)	(D)	(D)	(D)	455	706	(D)	(D)	(D)	(D)	(D)	(D)
Health services	19,709	22,476	24,705	27,636	31,811	35,434	26,490	27,760	32,189	36,907	43,064	47,792
Legal services	3,587	3,916	4,652	4,799	5,418	6,021	4,723	5,104	6,543	7,117	7,267	7,750
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,089	969	745	1,046	1,243	1,385
Social services	4,137	4,563	5,172	6,132	7,616	8,927	1,620	1,932	2,190	2,174	2,896	3,489
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,803	9,893	10,659	11,448	12,653	12,933	7,374	7,785	7,103	7,579	8,095	8,427
Miscellaneous services	6,693	7,083	9,134	8,869	11,679	12,323	4,283	4,418	5,212	5,914	5,653	6,312
Government and government enterprises	159,151	165,089	178,670	175,690	192,720	208,104	495,454	518,493	523,706	561,777	558,414	557,348
Federal, civilian	11,089	12,437	12,742	13,157	13,713	15,268	94,730	103,868	104,220	125,490	125,798	132,432
Military	4,439	5,216	5,967	6,831	6,945	7,196	303,281	313,795	314,026	325,970	314,125	298,237
State and local	143,623	147,436	159,961	155,702	172,062	185,640	97,443	100,830	105,460	110,317	118,491	126,679

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lewiston—Auburn, ME (NECMA)						Lexington—Fayette, KY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,108,039**	**1,158,375**	**1,242,777**	**1,369,333**	**1,509,122**	**1,641,785**	**4,298,664**	**4,529,669**	**4,737,451**	**5,127,255**	**5,502,160**	**5,937,903**
Nonfarm personal income	1,092,949	1,143,796	1,232,562	1,356,982	1,498,101	1,630,723	3,935,321	4,185,126	4,452,229	4,817,344	5,186,571	5,627,222
Farm income[1]	15,090	14,579	10,215	12,351	11,021	11,062	363,343	344,543	285,222	309,911	315,589	310,681
Population (thousands)[2]	100.7	100.9	100.1	101.2	103.3	104.4	326.5	329.6	339.7	344.6	347.9	354.3
Per capita personal income (dollars)	**11,000**	**11,481**	**12,412**	**13,532**	**14,606**	**15,731**	**13,166**	**13,741**	**13,948**	**14,878**	**15,814**	**16,760**
Derivation of total personal income:												
Total earnings by place of work	685,107	721,655	769,513	866,185	953,426	1,019,358	3,586,742	3,790,892	3,944,509	4,311,967	4,622,123	4,960,152
Less: Personal contributions for social insurance[3]	38,138	42,189	43,761	47,828	55,024	61,501	171,205	193,521	211,366	230,176	256,035	285,898
Plus: Adjustment for residence	103,751	102,026	118,326	133,428	154,276	164,830	−252,022	−287,505	−299,405	−330,168	−347,373	−393,935
Equals: Net earnings by place of residence	750,720	781,492	844,078	951,785	1,052,678	1,122,687	3,163,515	3,309,866	3,433,738	3,751,623	4,018,715	4,280,319
Plus: Dividends, interest, and rent[5]	149,503	159,635	171,151	183,606	203,449	239,954	638,836	689,924	732,399	770,200	833,761	955,120
Plus: Transfer payments	207,816	217,248	227,548	233,942	252,995	279,144	496,313	529,879	571,314	605,432	649,684	702,464
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	546,507	578,082	623,857	695,403	763,028	809,734	2,677,360	2,883,359	3,050,895	3,312,470	3,544,365	3,815,988
Other labor income	63,745	65,113	68,913	75,046	82,170	87,711	272,409	280,244	295,997	312,556	338,268	376,934
Proprietors' income[6]	74,855	78,460	76,743	95,736	108,228	121,913	636,973	627,289	597,617	686,941	739,490	767,230
Farm	5,265	4,735	561	2,181	694	449	323,198	304,360	244,799	266,851	271,926	265,490
Nonfarm	69,590	73,725	76,182	93,555	107,534	121,464	313,775	322,929	352,818	420,090	467,564	501,740
Earnings by industry:												
Farm	15,090	14,579	10,215	12,351	11,021	11,062	363,343	344,543	285,222	309,911	315,589	310,681
Nonfarm	670,017	707,076	759,298	853,834	942,405	1,008,296	3,223,399	3,446,349	3,659,287	4,002,056	4,306,534	4,649,471
Private	604,725	636,186	681,116	769,581	849,915	905,109	2,638,624	2,834,085	3,012,740	3,304,663	3,553,959	3,845,531
Agricultural services, forestry, fisheries, and other[7]	4,431	3,667	3,288	5,019	4,713	5,380	57,968	64,610	72,067	81,745*	89,315*	93,027
Agricultural services	2,365	2,113	2,750	4,120	(D)	5,062	57,855	64,509	71,975	81,678*	89,245*	92,939
Forestry, fisheries, and other[7]	2,066	1,554	538	899	(D)	318	113	101	92	81	88	88
Mining	1,032	1,595	489	539	974	1,102	53,570*	63,119	55,953	39,413*	(D)	23,124
Coal mining	(L)	(L)	(D)	(L)	(D)	(D)	40,922	45,604	43,730	30,057	10,768	11,048*
Oil and gas extraction	992	1,545	413	509	935	1,047	9,377*	(D)	(D)	6,824*	7,431*	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(L)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	46,079	50,086	61,563	75,727	85,173	88,926	223,579	236,829	264,970	314,697	314,454	314,911
Manufacturing	204,498	203,108	203,437	214,681	230,714	238,742	799,264	845,557	844,147	897,017	977,511	1,099,110
Nondurable goods	153,572	140,990	136,160	143,353	149,412	157,333	183,237*	198,653*	204,539*	212,654	237,231	245,098
Food and kindred products	16,946	17,160	18,007	19,607	20,945	22,302	31,478*	33,924*	34,312*	34,425*	31,034*	31,765*
Textile mill products	23,733	22,596	22,445	21,574	22,294	23,218	0	0	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	15,914	13,114	13,911	15,394	16,592	17,763	(D)	(D)	(D)	(D)	(D)	27,905*
Printing and publishing	10,460	11,562	12,610	14,163	16,170	19,096	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	205	0	0	0	0	481	23,100	25,382	24,182	28,772	33,036	33,435
Tobacco manufactures	0	0	0	0	0	0	16,069*	13,315	11,329	8,738	8,583	8,128
Rubber and misc. plastic products	34,230	36,025	31,934	35,444	37,804	42,025	(D)	(D)	(D)	(D)	31,048*	(D)
Leather and leather products	50,743	39,275	34,983	34,044	33,728	30,442	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	50,926	62,118	67,277	71,328	81,302	81,409	564,271*	587,607*	583,789*	684,363	740,280	854,012
Lumber and wood products	3,472	3,760	4,697	(D)	(D)	(D)	4,666	5,508	6,436	7,991	8,530*	9,407*
Furniture and fixtures	1,064	1,207	1,955	2,620	3,333	3,699	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	11,824	(D)	(D)	(D)	(D)	20,594	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,255	5,736	5,329	5,447	6,268	5,552	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	5,502	6,550	6,675	6,520	19,684	21,655	357,770*	382,998*	378,270*	397,724*	387,073*	421,551*
Electric and electronic equipment	18,071	19,396	17,719	19,308	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	0	0	(D)	0	(D)	(D)
Motor vehicles and equipment	734	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,376	8,837	9,752	10,401	8,689	6,470	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	628	666	(D)	(D)	(D)	1,252	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	35,885	37,599	38,845	43,874	46,779	46,343	196,425	201,060	211,200	218,981	241,760	259,186
Railroad transportation	705	(D)	(D)	(D)	(D)	(D)	(D)	4,080	3,461*	(D)	3,895*	4,568
Trucking and warehousing	17,872	18,173	17,465	21,305	23,099	22,162	68,287	70,235	71,603	79,268	87,993	96,098
Water transportation	0	0	0	0	0	0	(D)	−99	−121	(L)	(D)	(D)
Other transportation[8]	2,710	(D)	(D)	(D)	(D)	3,707	10,130*	9,787*	10,074*	11,129*	13,082*	(D)
Communication	7,069	8,534	10,006	10,876	10,827	10,450	62,383*	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	7,529	7,190	(D)	(D)	8,847	(D)	46,544*	51,858*	55,899*	51,259*	56,496*	65,286*
Wholesale trade	42,877	46,226	47,793	53,653	59,508	65,779	149,589*	176,643	178,774	191,915	218,426	240,282
Retail trade	81,250	85,220	94,739	106,236	116,658	120,788	335,689	360,567	385,647	409,958	446,192	477,854
Finance, insurance, and real estate	31,585	36,083	40,254	49,032	50,503	54,320	153,148	166,119	190,530	229,887*	221,855*	240,332
Banking and credit agencies	12,344	15,072	16,776	18,194	19,861	22,920	(D)	(D)	71,517*	76,037*	(D)	(D)
Other finance, insurance, and real estate[9]	19,241	21,011	23,478	30,838	30,642	31,400	85,704*	92,924*	108,746*	145,443*	136,350*	149,226*
Services	157,088	172,602	190,708	220,820	254,893	283,729	658,957	719,581	809,452	911,340	1,014,092	1,097,705
Hotels and other lodging places	2,233	2,507	2,374	2,881	2,477	3,577	25,985*	27,884*	29,444*	32,542*	35,480*	39,227*
Personal services	(D)	(D)	(D)	(D)	(D)	(D)	33,433*	36,308*	39,897*	45,183*	53,678	60,717
Private households	1,965	1,974	1,973	1,985	2,123	2,242	18,239	18,255	18,132	18,050	18,996	19,811
Business services	(D)	(D)	(D)	21,913	28,120	28,705	94,515	106,700	127,898	155,129	171,670	184,813
Auto repair, services, and garages	9,372	8,705	9,236	10,945	12,323	14,018	22,751	23,893	25,097	28,106	30,763	32,938
Miscellaneous repair services	2,116	3,785	4,401	4,788	6,187	7,058	9,312	9,553	15,735	17,712	13,014	14,052
Amusement and recreation services	1,397	1,773	2,179	2,951	2,935	3,276	18,347	18,966	21,292	22,888	24,891	32,081
Motion pictures	251	217	289	254	277	312	(D)	(D)	(D)	(D)	1,772*	1,676*
Health services	78,324	82,259	86,200	98,075	110,702	124,656	243,994	272,478	300,169	332,734	378,769	416,888
Legal services	10,099	12,182	13,889	18,299	21,066	24,247	45,064	47,070	51,492	58,557	68,730	74,723
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,951	8,081	9,612	10,974	11,960	13,096	13,269*	15,279*	16,319*	18,231*	17,511*	19,544
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	262	305
Membership organizations	5,341	5,376	5,572	6,067	6,913	7,399	19,644*	20,514*	22,093*	26,022*	29,870*	31,252*
Miscellaneous services	9,465	9,735	11,755	15,877	20,105	21,605	86,950	94,200	111,296	122,118	135,282	133,203
Government and government enterprises	65,292	70,890	78,182	84,253	92,490	103,187	584,775	612,264	646,547	697,393	752,575	803,940
Federal, civilian	7,907	8,434	8,587	8,642	9,312	9,829	157,217	164,454	164,775	175,698	187,319	193,754
Military	2,478	2,509	2,755	2,747	2,861	2,972	12,692	13,466	14,117	15,901	16,441	16,862
State and local	54,907	59,947	66,840	72,864	80,317	90,386	414,866	434,344	467,655	505,794	548,815	593,324

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lima, OH (MSA)						Lincoln, NE (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,793,846**	**1,892,278**	**2,011,835**	**2,091,791**	**2,278,787**	**2,413,122**	**2,509,249**	**2,673,099**	**2,789,104**	**2,958,411**	**3,179,872**	**3,452,214**
Nonfarm personal income	1,764,564	1,862,180	1,983,699	2,061,904	2,252,306	2,379,532	2,496,348	2,645,414	2,757,349	2,937,983	3,156,707	3,423,828
Farm income[1]	29,282	30,098	28,136	29,887	26,481	33,590	12,901	27,685	31,755	20,428	23,165	28,386
Population (thousands)[2]	153.3	154.1	155.1	156.0	156.7	157.7	203.5	205.3	206.3	208.1	211.6	214.9
Per capita personal income (dollars)	**11,701**	**12,283**	**12,974**	**13,406**	**14,539**	**15,301**	**12,333**	**13,020**	**13,517**	**14,217**	**15,028**	**16,067**
Derivation of total personal income:												
Total earnings by place of work	1,427,528	1,522,406	1,640,030	1,710,946	1,808,261	1,867,071	1,958,389	2,094,273	2,210,746	2,380,675	2,578,092	2,764,740
Less: Personal contributions for social insurance[3]	91,632	103,026	112,938	116,986	128,059	137,080	120,754	136,507	144,852	166,484	189,450	208,735
Plus: Adjustment for residence	−144,022	−150,701	−166,590	−172,657	−178,263	−175,183	−52,463	−56,907	−61,206	−66,019	−68,869	−72,205
Equals: Net earnings by place of residence	1,191,874	1,268,679	1,360,502	1,421,303	1,501,939	1,554,808	1,785,172	1,900,859	2,004,688	2,148,172	2,319,773	2,483,800
Plus: Dividends, interest, and rent[5]	305,733	314,663	322,306	323,969	349,137	397,313	424,480	443,389	443,176	452,263	474,811	541,318
Plus: Transfer payments	296,239	308,936	329,027	346,519	427,711	461,001	299,597	328,851	341,240	357,976	385,288	427,096
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,160,630	1,245,606	1,336,762	1,399,515	1,480,654	1,521,384	1,610,947	1,716,670	1,799,876	1,940,503	2,091,645	2,238,814
Other labor income	145,204	149,416	164,580	162,302	169,716	173,516	153,546	155,968	163,618	172,968	187,144	202,699
Proprietors' income[6]	121,694	127,384	138,688	149,129	157,891	172,171	193,896	221,635	247,252	267,204	299,303	323,227
Farm	26,611	27,551	25,699	27,433	24,126	31,332	9,555	24,493	28,718	17,363	20,212	25,555
Nonfarm	95,083	99,833	112,989	121,696	133,765	140,839	184,341	197,142	218,534	249,841	279,091	297,672
Earnings by industry:												
Farm	29,282	30,098	28,136	29,887	26,481	33,590	12,901	27,685	31,755	20,428	23,165	28,386
Nonfarm	1,398,246	1,492,308	1,611,894	1,681,059	1,781,780	1,833,481	1,945,488	2,066,588	2,178,991	2,360,247	2,554,927	2,736,354
Private	1,251,946	1,334,508	1,444,551	1,500,252	1,586,797	1,629,640	1,465,870	1,543,215	1,640,379	1,788,199	1,970,208	2,091,299
Agricultural services, forestry, fisheries, and other[7]	3,411	3,109	3,163	4,639	5,697	6,187	4,980	5,439	6,131	9,097	9,852	8,527
Agricultural services	3,306	3,077	3,167	4,635	5,702	6,195	4,863	5,352	6,027	9,009	9,758	8,439
Forestry, fisheries, and other[7]	105	(L)	(L)	(L)	(L)	(L)	117	87	104	88	94	88
Mining	3,815	4,886	3,327	3,002	3,710	3,941	3,311	4,683	1,583	1,656	2,327	2,459
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	1,487	1,624	3,115	4,513	1,390	1,503	2,178	2,290
Metal mining	(L)	(L)	(L)	52	54	58	(L)	(D)	(D)	62	64	70
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	2,144	2,233	205	(D)	(D)	90	84	98
Construction	91,264	89,144	83,133	84,631	103,577	111,317	111,902	115,648	125,488	134,309	143,568	145,829
Manufacturing	636,872	691,920	773,587	777,717	804,692	791,521	299,869	314,224	331,046	352,864	388,331	403,792
Nondurable goods	166,596	175,756	181,823	174,823	177,008	186,734	156,970	166,319	185,672	200,416	222,390	230,805
Food and kindred products	43,346	47,566	53,051	44,064	42,514	46,476	28,768	28,249	31,125	32,402	36,787	40,098
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	660	462*	(D)	(D)	(D)	(D)	383	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,498	2,168	(D)	(D)	(D)	(D)
Printing and publishing	9,101	9,642	10,497	10,614	11,734	11,640	33,882	38,301	44,331	49,810	56,748	61,076
Chemicals and allied products	36,499	37,695	37,094*	35,501*	32,889	36,686	29,486	32,201	35,296	36,156	40,164	48,053
Petroleum and coal products	32,458	33,839	30,497	28,008	29,279	31,037	0	0	0	0	0	0
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	40,211	41,970	45,617	51,475	55,417	59,001	(D)	(D)	(D)	(D)	(D)	77,550
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	470,276	516,164	591,764	602,894	627,684	604,787	142,899	147,905	145,374	152,448	165,941	172,987
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	3,327	3,596	3,620	4,455	4,880	4,781
Furniture and fixtures	0	0	(D)	(D)	(D)	(D)	372	461	471	667	621	389
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,481	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	49,790	49,868	58,430	61,259	61,456	65,404	17,179	18,432	19,462	18,665	20,986	17,534
Machinery, except electrical	79,545	85,025	93,107	100,822	115,993	126,221	21,801	22,173	31,259	33,081	38,453	43,410
Electric and electronic equipment	42,353*	44,028*	(D)	(D)	(D)	(D)	37,654	36,368	37,464	42,427	44,925	45,354
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	165,682	134,525	40,277	42,402	27,663	25,424	25,448	28,374
Motor vehicles and equipment	133,557*	163,535*	(D)	183,327*	200,520*	189,484*	(D)	(D)	(D)	(D)	1,787	(D)
Stone, clay, and glass products	2,352	1,721	1,747	2,045	2,357	2,890	9,067	9,822	10,200	11,082	11,367	12,500
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	834	891	986	1,089	1,253	1,802*	837	967	1,009	1,078	1,078	1,047
Transportation and public utilities	83,217	87,459	89,802	92,946	95,169	98,339	198,731	193,624	196,013	203,287	215,166	226,743
Railroad transportation	12,215	11,970	11,450	9,806	10,095	9,622	87,447	82,014	83,244	85,132	86,353	88,528
Trucking and warehousing	35,379	36,197	36,806	39,035	37,953	39,209	23,403	23,398	24,008	28,233	39,834	46,313
Water transportation	0	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(D)	(D)
Other transportation[8]	5,283	5,631*	5,577*	5,695*	5,444*	5,532*	(D)	9,638	9,967	10,885	(D)	(D)
Communication	17,495	19,437	19,801	21,046	23,677	24,938	71,954	69,563	70,945	71,541	70,355	71,850
Electric, gas, and sanitary services	12,845	14,128	16,031	17,069	17,668	18,671	7,578	9,018	7,856	7,506	8,251	8,831
Wholesale trade	62,536	62,310	64,618	72,118	75,800	82,558	112,822	117,330	113,194	121,123	133,900	143,423
Retail trade	123,243	131,459	139,491	142,876	157,638	167,875	194,731	210,059	221,267	239,011	262,015	277,010
Finance, insurance, and real estate	35,401	34,810	37,167	45,757	42,825	42,971	146,656	162,559	174,178	203,881	209,787	225,324
Banking and credit agencies	19,075	18,927	19,468	20,526	20,995	21,330	41,046	43,301	47,187	51,107	53,956	(D)
Other finance, insurance, and real estate[9]	16,326	15,883	17,699	25,231	21,830	21,641	105,610	119,258	126,991	152,774	155,831	(D)
Services	212,187	229,411	250,263	276,566	297,689	324,931	392,868	419,649	471,479	522,971	605,262	658,192
Hotels and other lodging places	2,041	2,447	2,232	2,438	2,510	2,569	10,351	10,798	11,163	11,783	12,390	13,032
Personal services	14,363	16,920	17,767	17,419	19,847	22,076	22,230	25,966	27,759	31,607	36,088	39,742
Private households	3,347	3,350	3,330	3,328	3,509	3,673	4,519	4,517	4,469	4,431	4,685	4,906
Business services	16,958	17,918	20,143	24,805	28,168	33,997	74,856	81,061	93,780	111,417	135,991	143,757
Auto repair, services, and garages	10,254	10,656	12,122	13,225	14,028	15,336	17,476	18,455	21,389	23,670	25,022	27,235
Miscellaneous repair services	3,479	3,354	4,345	5,069	5,993	6,160	7,367	6,095	7,463	7,537	8,923	9,882
Amusement and recreation services	3,871	4,187	4,607	5,186	5,833	5,606	6,183	5,532	6,650	7,129	8,103	8,817
Motion pictures	375*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	107,944	118,634	126,581	140,918	146,168	157,646	138,490	150,212	165,764	184,749	214,197	234,252
Legal services	9,647	10,549	13,074	12,246	13,804	15,405	33,607	36,150	43,584	46,056	53,825	56,844
Educational services	7,282*	(D)	(D)	8,657*	(D)	(D)	13,888	14,126	14,664	15,244	16,206	18,325
Social services	(D)	(D)	(D)	8,314	8,085	8,656	10,547	10,944	11,476	12,998	14,846	16,404
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,601	11,792	12,059	13,551	14,841	15,457	22,296	23,014	24,781	26,292	29,104	30,758
Miscellaneous services	15,815	15,074	18,140	20,156	24,426	27,005	29,834	31,478	36,893	38,592	44,097	51,851
Government and government enterprises	146,300	157,800	167,343	180,807	194,983	203,841	479,618	523,373	538,612	572,048	584,719	645,055
Federal, civilian	16,385	17,847	18,282	19,285	20,569	21,071	67,082	70,452	70,380	72,647	80,784	88,207
Military	2,224	2,493	2,585	2,733	2,823	2,955	5,593	6,440	7,564	7,898	7,983	8,069
State and local	127,691	137,460	146,476	158,789	171,591	179,815	406,943	446,481	460,668	491,503	495,952	548,779

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Little Rock—North Little Rock, AR (MSA)						Longview—Marshall, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,894,745**	**6,389,487**	**6,769,768**	**7,088,464**	**7,541,092**	**8,100,579**	**1,948,685**	**2,063,767**	**2,088,467**	**2,116,308**	**2,247,273**	**2,385,653**
Nonfarm personal income	5,857,515	6,351,991	6,740,766	7,042,838	7,475,480	8,035,291	1,948,148	2,061,416	2,084,483	2,110,918	2,242,440	2,379,746
Farm income[1]	37,230	37,496	29,002	45,626	65,612	65,288	537	2,351	3,984	5,390	4,833	5,907
Population (thousands)[2]	492.9	499.1	505.2	511.2	513.1	517.4	169.5	169.5	168.1	166.9	166.6	165.6
Per capita personal income (dollars)	**11,959**	**12,802**	**13,400**	**13,865**	**14,698**	**15,657**	**11,499**	**12,175**	**12,424**	**12,680**	**13,485**	**14,405**
Derivation of total personal income:												
Total earnings by place of work	4,655,992	5,030,461	5,317,583	5,612,481	5,958,540	6,314,736	1,546,316	1,612,429	1,608,746	1,624,771	1,748,975	1,805,495
Less: Personal contributions for social insurance[3]	285,379	324,543	374,541	397,172	432,824	473,594	84,211	92,969	93,593	95,210	105,984	114,085
Plus: Adjustment for residence	−91,756	−93,854	−75,821	−78,231	−73,522	−68,232	−131,223	−137,141	−142,151	−134,668	−170,053	−175,701
Equals: Net earnings by place of residence	4,278,857	4,612,064	4,867,221	5,137,078	5,452,194	5,772,910	1,330,882	1,382,319	1,373,002	1,394,893	1,472,938	1,515,709
Plus: Dividends, interest, and rent[5]	741,273	825,951	879,827	871,788	938,335	1,070,524	339,570	382,500	387,416	375,637	408,845	469,506
Plus: Transfer payments	874,615	951,472	1,022,720	1,079,598	1,150,563	1,257,145	278,233	298,948	328,049	345,778	365,490	400,438
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,888,752	4,206,549	4,468,640	4,657,051	4,900,995	5,179,589	1,232,060	1,283,922	1,255,326	1,258,604	1,349,013	1,383,652
Other labor income	374,008	385,467	400,260	414,882	438,398	472,866	135,316	133,140	134,499	134,825	146,334	154,064
Proprietors' income[6]	393,232	438,445	448,683	540,548	619,147	662,281	178,940	195,367	218,921	231,342	253,628	267,779
Farm	25,903	26,309	17,965	34,055	54,035	53,599	−337	1,526	3,202	4,605	4,084	5,196
Nonfarm	367,329	412,136	430,718	506,493	565,112	608,682	179,277	193,841	215,719	226,737	249,544	262,583
Earnings by industry:												
Farm	37,230	37,496	29,002	45,626	65,612	65,288	537	2,351	3,984	5,390	4,833	5,907
Nonfarm	4,618,762	4,992,965	5,288,581	5,566,855	5,892,928	6,249,448	1,545,779	1,610,078	1,604,762	1,619,381	1,744,142	1,799,588
Private	3,658,256	3,949,217	4,186,998	4,431,133	4,698,891	4,984,096	1,396,195	1,446,392	1,435,298	1,446,406	1,563,015	1,607,710
Agricultural services, forestry, fisheries, and other[7]	13,864	13,026	14,191	18,235	19,987	19,984	5,337	5,386	5,051	6,619	6,617	7,603
Agricultural services	13,046	(D)	(D)	(D)	(D)	(D)	4,951	5,153	4,944	6,502	6,599	7,599
Forestry, fisheries, and other[7]	818	(D)	(D)	(D)	(D)	(D)	386	233	107	117	(L)	(L)
Mining	17,049	19,276	14,876	15,086	17,401	17,234	145,259	140,355	122,887	115,230	118,466	120,695
Coal mining	75	(L)	(L)	(L)	(D)	39*	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	5,454*	6,132*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	7,011*	(D)	(D)	(D)	(D)	79	(D)	(D)	66	79	83
Construction	301,976	328,580	337,901	328,344	335,162	332,736	131,457	108,749	105,668	97,055	112,030	107,835
Manufacturing	723,586	736,034	740,526	750,269	802,836	835,590	418,279	456,036	465,686	464,737	513,187	533,058
Nondurable goods	319,727	316,715	322,288	334,014	355,463	375,498	165,625	212,809	231,440	229,317	251,327	265,194
Food and kindred products	65,627*	67,595*	71,753*	72,609*	73,956*	77,673*	27,083	27,722	(D)	29,990	30,379	29,002
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Apparel and other textile products	11,085*	10,602	11,306	5,505	6,382*	(D)	4,041*	3,953*	3,801*	2,736*	4,109*	(D)
Paper and allied products	39,679*	39,509*	45,307*	50,975	56,281	60,699*	(D)	(D)	(D)	(D)	(D)	2,495*
Printing and publishing	58,971*	63,743*	67,737*	82,726*	91,796*	90,591*	7,711	7,603	7,898	8,112	11,449	11,045
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	161,862	176,780	172,608	189,237	199,292
Petroleum and coal products	5,861*	5,739*	6,093*	2,946*	(D)	(D)	5,028	5,580	5,208	5,275	5,589	8,497
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	19,351*	19,529*	19,742*	20,131*	22,756	(D)	(D)	3,621	6,288	7,710	7,808	10,496*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	403,859	419,319	418,238	416,255	447,373	460,092	252,654	243,227	234,246	235,420	261,860	267,864
Lumber and wood products	21,732*	23,121*	24,663*	26,417	30,420	(D)	10,663	(D)	9,918	10,313	9,400	7,595
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	14,933	14,212	14,577	14,185	13,868	15,539	19,837	20,448
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	74,486	51,750	46,658	50,774	52,188	59,576
Machinery, except electrical	53,506	107,751	116,763	115,428	116,709	111,162	82,428	91,232	82,959	76,396	91,798	89,128
Electric and electronic equipment	113,719*	66,642*	52,809*	(D)	(D)	59,749*	(D)	9,018	9,793*	11,259	(D)	15,412
Transportation equip. excl. motor vehicles	(D)	(D)	26,859*	33,969*	37,579*	(D)	24,296	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	23,244*	(D)	24,877*	24,019*	24,940*	27,304*	35,653	37,276	39,456	37,568	41,563	41,137
Instruments and related products	(D)	(D)	15,120	15,572	12,821	(D)	2,267	2,919	2,178	1,215	997	1,362
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,188	1,913	2,980	3,518	3,326
Transportation and public utilities	452,800	493,416	516,789	573,015	606,507	646,663	114,477	118,743	112,887	108,312	108,207	114,540
Railroad transportation	85,264	92,062	95,734	97,959	100,037	110,317	15,673	12,038	10,608	9,590	8,550	7,814
Trucking and warehousing	114,429	127,488	142,892	162,076	173,941	179,920	30,597	31,708	29,233	30,779	32,559	31,187
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	776*	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	133,804	147,121	141,994	165,147	176,503	192,208	24,624	24,704	23,431	23,383	22,340	22,976
Electric, gas, and sanitary services	89,154	94,191	99,875	108,399	113,884	117,362	24,591	30,931	31,371	28,456	27,007	30,165
Wholesale trade	368,611	393,268	405,498	422,646	447,871	486,138	91,023	97,586	92,352	95,555	112,669	110,989
Retail trade	479,780	515,475	542,675	562,640	594,581	624,662	179,846	186,490	189,393	187,185	195,697	197,170
Finance, insurance, and real estate	367,731	418,094	472,021	497,515	471,538	466,747	60,122	68,521	70,997	81,639	81,407	63,034
Banking and credit agencies	(D)	(D)	(D)	(D)	109,319*	(D)	30,573	32,804	32,557	32,823	32,583	32,205
Other finance, insurance, and real estate[9]	267,818*	310,748*	351,726*	368,343*	347,908*	(D)	29,549	35,717	38,440	48,816	48,824	30,829
Services	932,859	1,032,048	1,142,521	1,263,383	1,403,008	1,554,342	250,395	264,526	270,377	290,074	314,735	352,786
Hotels and other lodging places	25,497*	25,707*	27,255*	28,793*	29,821*	30,155*	(D)	5,280	4,906	(D)	(D)	(D)
Personal services	50,714	62,829	68,101	69,296	77,809	87,722	15,534	18,518	18,466	20,373	21,890	24,483
Private households	10,016	10,099	10,087	10,096	10,656	11,154	11,546	11,759	11,908	11,916	12,575	13,231
Business services	165,392	185,751	213,382	234,595	266,954	312,236	42,156	43,656	38,090	38,743	41,532	49,429
Auto repair, services, and garages	47,025	51,319	55,018	57,473	59,705	61,662	14,023	13,671	14,832	14,593	13,704	14,671
Miscellaneous repair services	18,416	17,181	19,412	17,579	20,610	22,363	9,681	9,160	9,130	8,640	10,205	11,344
Amusement and recreation services	9,481	11,495	12,967	13,607	15,280	16,946	4,071	4,525	4,707	5,164	5,382	6,027
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	380,683	412,943	447,980	515,346	567,459	628,565	77,779	84,560	89,763	100,201	109,771	122,586
Legal services	76,449	85,977	98,645	109,042	124,206	134,026	19,804	24,179	24,988	30,122	34,091	39,089
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	27,236	31,213	36,455	41,893	45,308	51,184	3,907	4,219	4,649	5,493	6,436	6,990
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	36,038	39,115	39,650	41,030	44,371	45,724	8,975	9,926	10,114	10,936	12,010	12,272
Miscellaneous services	64,488	69,992	82,250	92,196	101,290	109,279	27,546	23,956	27,572	27,776	29,060	33,221
Government and government enterprises	960,506	1,043,748	1,101,583	1,135,722	1,194,037	1,265,352	149,584	163,686	169,464	172,975	181,127	191,878
Federal, civilian	229,759	243,482	246,804	263,536	289,816	307,969	15,242	16,812	16,785	16,836	18,239	19,332
Military	145,735	154,991	158,124	160,141	154,105	160,369	2,897	3,205	3,457	3,691	3,802	3,866
State and local	585,012	645,275	696,655	712,045	750,116	797,014	131,445	143,669	149,222	152,448	159,086	168,680

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lorain—Elyria, OH (PMSA)						Los Angeles—Long Beach, CA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,081,311**	**3,274,804**	**3,408,761**	**3,647,053**	**3,916,394**	**4,136,950**	**120,917,236**	**130,394,775**	**138,876,149**	**149,952,438**	**161,836,201**	**174,366,249**
Nonfarm personal income	3,068,153	3,259,378	3,394,454	3,626,716	3,897,104	4,114,141	120,729,845	130,211,131	138,709,034	149,772,795	161,648,550	174,180,909
Farm income[1]	13,158	15,426	14,307	20,337	19,290	22,809	187,391	183,644	167,115	179,643	187,651	185,340
Population (thousands)[2]	270.8	270.3	268.9	269.5	270.5	270.6	7,998.0	8,130.8	8,333.2	8,481.5	8,587.8	8,759.6
Per capita personal income (dollars)	**11,377**	**12,116**	**12,679**	**13,531**	**14,481**	**15,286**	**15,118**	**16,037**	**16,665**	**17,680**	**18,845**	**19,906**
Derivation of total personal income:												
Total earnings by place of work	1,995,824	2,118,435	2,137,083	2,282,852	2,522,700	2,522,991	101,264,699	109,557,500	118,143,573	130,194,759	139,768,926	147,968,643
Less: Personal contributions for social insurance[3]	129,473	144,691	149,095	157,199	179,148	186,654	5,820,051	6,610,269	7,212,070	7,865,442	8,761,532	9,600,384
Plus: Adjustment for residence	309,337	349,020	414,558	468,773	451,978	569,407	−10,346,020	−11,318,504	−12,634,144	−14,464,896	−15,007,974	−15,750,885
Equals: Net earnings by place of residence	2,175,688	2,322,764	2,402,546	2,594,426	2,795,530	2,905,744	85,098,628	91,628,727	98,297,359	107,864,421	115,999,420	122,617,374
Plus: Dividends, interest, and rent[5]	415,615	431,363	445,317	459,050	494,691	560,016	20,312,852	21,629,271	22,430,965	23,070,063	25,672,657	29,840,873
Plus: Transfer payments	490,008	520,677	560,898	593,577	626,173	671,190	15,505,756	17,136,777	18,147,825	19,017,954	20,164,124	21,908,002
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,657,532	1,769,065	1,778,093	1,890,559	2,094,590	2,087,005	83,021,540	90,045,073	96,701,490	106,603,204	113,750,032	120,028,951
Other labor income	219,355	221,994	221,436	224,740	249,124	243,469	8,674,747	8,908,277	9,602,694	10,323,564	10,999,076	11,695,665
Proprietors' income[6]	118,937	127,376	137,554	167,553	178,986	192,517	9,568,412	10,604,150	11,839,389	13,267,991	15,019,818	16,244,027
Farm	8,082	10,421	9,358	15,153	14,131	17,602	107,229	103,162	82,063	83,513	87,800	75,374
Nonfarm	110,855	116,955	128,196	152,400	164,855	174,915	9,461,183	10,500,988	11,757,326	13,184,478	14,932,018	16,168,653
Earnings by industry:												
Farm	13,158	15,426	14,307	20,337	19,290	22,809	187,391	183,644	167,115	179,643	187,651	185,340
Nonfarm	1,982,666	2,103,009	2,122,776	2,262,515	2,503,410	2,500,182	101,077,308	109,373,856	117,976,458	130,015,116	139,581,275	147,783,303
Private	1,755,636	1,860,904	1,865,658	1,991,608	2,207,014	2,186,234	89,745,672	97,055,633	104,799,644	115,707,176	124,255,140	131,183,119
Agricultural services, forestry, fisheries, and other[7]	7,134	7,741	7,958	10,513	12,309	13,947	300,582	297,050	313,491	410,614	446,900	481,691
Agricultural services	7,005	7,688	7,901	10,475	12,269	13,912	270,698	263,772	278,360	379,721	408,819	443,493
Forestry, fisheries, and other[7]	129	53	57	(L)	(L)	(L)	29,884	33,278	35,131	30,893	38,081	38,198
Mining	5,879	6,668	3,738	3,801	4,129	2,724	685,969	689,368	536,658	507,436	579,099	557,791
Coal mining	99	100	91	51	60	61	1,719	1,998	1,371	232	305	345
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	2,650	639,259	641,629	481,227	454,435	520,329	498,048
Metal mining	(L)	(L)	0	0	0	0	1,207	1,276	1,247	3,010	2,927	2,720
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(L)	43,784	44,465	52,813	49,759	55,538	56,678
Construction	83,046	87,704	98,151	120,357	140,351	143,204	4,539,556	5,051,589	5,579,757	6,123,762	6,724,008	7,110,092
Manufacturing	973,019	1,030,068	983,511	1,011,207	1,151,268	1,092,326	24,502,596	25,698,595	26,749,220	28,538,329	29,879,669	30,530,908
Nondurable goods	106,624	108,230	108,952	116,615	125,808	134,600	6,800,907	7,025,795	7,410,902	8,079,921	8,718,947	9,081,054
Food and kindred products	10,008	10,765	11,438	11,573	11,601	12,219	1,366,018	1,336,437	1,384,302	1,474,102	1,480,376	1,563,001
Textile mill products	0	0	0	0	0	0	165,555	184,071	205,059	238,097	259,368	269,859
Apparel and other textile products	1,983	(D)	(D)	(D)	(D)	(D)	1,083,029	1,125,690	1,263,105	1,445,518	1,547,627	1,704,481
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	506,252	516,375	540,720	582,475	617,347	623,482
Printing and publishing	14,169	16,047	16,935	17,789	17,967	18,407	1,452,797	1,543,093	1,612,067	1,828,452	2,013,716	2,127,032
Chemicals and allied products	59,172	57,062	56,597	61,694	68,074	76,243	785,754	812,526	889,985	936,255	1,099,128	1,102,939
Petroleum and coal products	(D)	1,207	1,207	1,262	1,054	993	682,309	772,345	719,331	706,813	806,667	762,707
Tobacco manufactures	0	0	0	0	0	0	806	503	578	879	(D)	(D)
Rubber and misc. plastic products	18,269	19,928	19,905	21,917	25,136	25,788	670,331	652,252	711,262	782,979	818,382	849,180
Leather and leather products	0	0	0	0	0	0	88,056	82,503	84,493	84,351	(D)	(D)
Durable goods	866,395	921,838	874,559	894,592	1,025,460	957,726	17,701,689	18,672,800	19,338,318	20,458,408	21,160,722	21,449,854
Lumber and wood products	462	639	934	1,114	1,146	960	229,115	227,952	252,653	298,170	318,340	344,122
Furniture and fixtures	0	(D)	(D)	(D)	(D)	(D)	682,443	712,598	732,559	794,751	817,726	817,450
Primary metal industries	(D)	162,844	120,389	124,934	192,946	178,911	632,954	563,649	597,009	620,408	683,096	730,274
Fabricated metal products	100,418	101,703	97,141	98,734	110,132	118,247	1,841,809	1,876,077	1,880,797	1,994,639	2,002,724	2,006,673
Machinery, except electrical	71,376	77,928	82,783	86,691	100,866	115,418	2,148,569	2,165,915	2,009,331	2,098,834	2,079,550	2,084,700
Electric and electronic equipment	55,203	52,019	53,410	53,707	58,233	62,748	4,761,612	5,174,666	5,449,514	5,656,020	5,889,490	5,627,503
Transportation equip. excl. motor vehicles	13,512	14,657	15,308	16,606	18,188	19,532	5,093,097	5,527,173	6,052,862	6,572,738	6,721,372	7,138,603
Motor vehicles and equipment	427,103	481,337	467,426	467,044	(D)	(D)	551,523	570,292	514,338	506,247	541,673	549,404
Stone, clay, and glass products	7,532	8,654	10,899	12,806	13,953	17,743	505,450	478,853	495,563	505,986	555,204	569,602
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	720,002	814,216	795,540	807,688	891,828	890,701
Miscellaneous manufacturing industries	3,592	3,738	3,816	4,429	3,351	3,726	535,115	561,409	558,152	602,927	659,719	690,822
Transportation and public utilities	112,793	116,854	119,439	119,611	119,452	118,347	6,851,519	7,098,366	7,479,858	7,823,144	8,141,725	8,769,978
Railroad transportation	7,394	6,325	5,888	4,955	5,209	5,029	245,057	249,484	235,335	227,704	226,273	234,165
Trucking and warehousing	42,555	43,016	41,708	44,231	45,606	41,617	1,364,118	1,401,441	1,457,149	1,587,298	1,662,520	1,747,025
Water transportation	(D)	1,109	1,209	1,550	1,388	1,397	386,806	407,006	431,193	430,589	448,505	488,667
Other transportation[8]	(D)	4,967	5,944	7,021	5,110	5,939	1,921,068	2,011,467	2,350,745	2,490,933	2,783,711	3,081,130
Communication	21,139	21,117	22,349	18,501	18,768	19,488	2,156,207	2,187,898	2,117,759	2,150,019	2,045,148	2,214,161
Electric, gas, and sanitary services	35,969	40,320	42,341	43,353	43,371	44,877	778,263	841,070	887,677	936,601	975,568	1,004,830
Wholesale trade	42,291	46,582	51,955	64,354	65,134	67,086	8,217,235	8,967,541	9,714,798	10,070,146	11,010,614	11,750,788
Retail trade	165,176	173,367	179,748	184,432	199,541	205,153	9,562,507	10,192,618	10,786,210	11,378,299	12,248,645	12,850,440
Finance, insurance, and real estate	43,675	44,978	48,117	63,335	60,951	62,681	7,166,642	8,061,456	9,579,634	11,833,196	11,898,288	11,966,245
Banking and credit agencies	22,727	23,871	25,809	27,912	28,650	30,613	2,822,355	3,048,019	3,408,750	3,769,565	3,861,666	3,989,006
Other finance, insurance, and real estate[9]	20,948	21,107	22,308	35,423	32,301	32,068	4,344,287	5,013,437	6,170,884	8,063,631	8,036,622	7,977,239
Services	322,623	346,942	373,041	413,998	453,879	480,766	27,919,066	30,999,050	34,060,018	39,022,250	43,326,192	47,165,186
Hotels and other lodging places	4,001	4,485	4,421	4,422	4,587	4,733	508,665	529,914	559,532	651,567	765,140	889,321
Personal services	13,943	17,275	19,026	20,454	23,243	26,297	860,442	1,030,712	1,107,743	1,196,879	1,375,763	1,574,840
Private households	3,921	3,919	3,895	3,890	4,105	4,298	535,766	547,541	557,026	567,092	611,971	655,118
Business services	23,578	24,198	26,340	34,581	40,457	43,819	6,309,351	7,139,430	7,832,181	8,704,280	9,835,199	10,366,478
Auto repair, services, and garages	11,040	12,980	14,217	14,963	16,033	17,508	1,071,465	1,186,728	1,283,433	1,337,532	1,449,065	1,566,590
Miscellaneous repair services	9,888	11,952	10,540	12,407	16,072	16,021	600,478	613,552	594,274	578,098	643,824	695,518
Amusement and recreation services	7,324	7,982	8,324	9,211	10,346	10,611	1,080,249	1,220,817	1,424,630	1,749,996	1,874,245	2,109,943
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,984,078	3,363,620	3,562,811	4,272,012	4,706,068	5,024,488
Health services	158,098	167,760	177,349	192,937	206,382	216,583	6,766,449	7,388,188	7,945,583	9,360,221	9,989,327	10,725,937
Legal services	12,837	13,868	15,750	17,322	19,969	20,719	2,373,004	2,718,041	3,195,680	3,772,888	4,340,236	4,793,481
Educational services	31,407	33,758	37,320	37,495	39,404	41,465	1,073,772	1,108,795	1,115,628	1,185,452	1,316,583	1,459,093
Social services	6,873	7,497	7,666	8,325	11,496	12,125	425,656	472,422	526,753	623,597	724,590	801,469
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	20,153	25,049	31,319	34,791	41,551	46,720
Membership organizations	17,636	17,835	18,180	20,349	22,464	23,482	792,957	840,126	893,114	948,804	1,054,385	1,130,831
Miscellaneous services	21,321	22,660	29,289	37,033	38,758	42,464	2,516,581	2,814,115	3,430,311	4,039,041	4,598,245	5,325,359
Government and government enterprises	227,030	242,105	257,118	270,907	296,396	313,948	11,331,636	12,318,223	13,176,814	14,307,940	15,326,135	16,600,184
Federal, civilian	44,562	49,011	48,169	50,057	53,524	57,363	1,994,252	2,077,729	2,091,711	2,238,035	2,407,454	2,504,949
Military	3,686	3,994	4,256	4,557	4,804	5,020	414,203	492,305	550,985	584,402	611,547	636,376
State and local	178,782	189,100	204,693	216,293	238,068	251,565	8,923,181	9,748,189	10,534,118	11,485,503	12,307,134	13,458,859

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Louisville, KY—IN (MSA)						Lubbock, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**11,921,675**	**12,473,354**	**13,183,643**	**14,122,595**	**15,171,384**	**16,245,575**	**2,584,582**	**2,705,974**	**2,754,419**	**2,878,022**	**3,039,191**	**3,240,016**
Nonfarm personal income	11,845,013	12,410,571	13,114,216	14,051,302	15,101,516	16,155,450	2,528,889	2,669,001	2,726,227	2,815,753	2,992,019	3,208,884
Farm income[1]	76,662	62,783	69,427	71,293	69,868	90,125	55,693	36,973	28,192	62,269	47,172	31,132
Population (thousands)[2]	963.7	963.6	964.2	966.9	967.0	968.8	223.5	222.7	226.7	227.4	226.8	228.0
Per capita personal income (dollars)	**12,371**	**12,945**	**13,673**	**14,606**	**15,690**	**16,768**	**11,566**	**12,150**	**12,152**	**12,655**	**13,401**	**14,208**
Derivation of total personal income:												
Total earnings by place of work	8,907,068	9,299,120	9,820,942	10,677,737	11,496,731	12,138,583	2,008,575	2,075,350	2,082,896	2,185,599	2,297,992	2,395,913
Less: Personal contributions for social insurance[3]	478,627	530,428	574,990	620,743	694,206	759,223	103,416	113,721	116,695	121,192	131,495	143,212
Plus: Adjustment for residence	−237,570	−250,493	−263,834	−292,150	−311,614	−322,454	−21,323	−21,289	−23,555	−23,884	−26,332	−29,187
Equals: Net earnings by place of residence	8,190,871	8,518,199	8,982,118	9,764,844	10,490,911	11,056,906	1,883,836	1,940,340	1,942,646	2,040,523	2,140,165	2,223,514
Plus: Dividends, interest, and rent[5]	2,001,542	2,132,258	2,248,981	2,319,605	2,506,024	2,871,037	399,594	431,727	448,869	441,943	479,454	550,704
Plus: Transfer payments	1,729,262	1,822,897	1,952,544	2,038,146	2,174,449	2,317,632	301,152	333,907	362,904	395,556	419,572	465,798
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,308,738	7,671,294	8,063,008	8,707,468	9,360,391	9,845,014	1,544,212	1,618,784	1,620,746	1,670,983	1,763,267	1,842,064
Other labor income	794,541	787,687	826,831	869,716	936,508	993,315	135,972	134,843	140,851	143,980	155,371	165,662
Proprietors' income[6]	803,789	840,139	931,103	1,100,553	1,199,832	1,300,254	328,391	321,723	321,299	370,636	379,354	388,187
Farm	63,286	49,660	56,424	57,664	56,258	76,329	50,324	31,675	22,962	56,757	41,671	25,570
Nonfarm	740,503	790,479	874,679	1,042,889	1,143,574	1,223,925	278,067	290,048	298,337	313,879	337,683	362,617
Earnings by industry:												
Farm	76,662	62,783	69,427	71,293	69,868	90,125	55,693	36,973	28,192	62,269	47,172	31,132
Nonfarm	8,830,406	9,236,337	9,751,515	10,606,444	11,426,863	12,048,458	1,952,882	2,038,377	2,054,704	2,123,330	2,250,820	2,364,781
Private	7,739,869	8,068,938	8,521,206	9,308,510	10,033,584	10,555,888	1,519,880	1,579,398	1,592,838	1,633,560	1,739,904	1,819,136
Agricultural services, forestry, fisheries, and other[7]	30,164	31,504	32,171*	42,896*	46,718*	45,849	12,629	12,403	9,418	13,902	15,723	15,865
Agricultural services	(D)	30,694	31,322*	42,211*	45,882*	44,866	(D)	12,298	9,327	13,838	15,653	15,830
Forestry, fisheries, and other[7]	(D)	810	968	779	956	983	(D)	105	91	64	70	(L)
Mining	39,884	50,141	30,740*	29,383*	(D)	38,615	20,551	19,172	12,869	13,839	14,263	12,330
Coal mining	2,854*	3,513	3,064	659	(D)	3,625	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	23,279*	31,454*	13,931*	13,986*	17,729*	20,015*	19,787	18,327	(D)	(D)	(D)	11,836
Metal mining	(L)	(L)	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	756	835	(D)	(D)	(D)	487
Construction	511,305	519,045	588,122	647,537	687,950	715,901	157,750	162,119	156,583	138,924	138,695	141,880
Manufacturing	2,588,237	2,593,226	2,634,767	2,761,894	2,922,417	2,990,680	197,336	186,337	178,559	175,242	187,500	196,440
Nondurable goods	1,059,495	1,082,131	1,110,181	1,159,728	1,220,708	1,280,983	59,192	62,920	65,564	66,536	71,326	73,594
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	35,218	36,587	38,228	38,518	41,799	43,432
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	35,853*	35,895*	36,877*	39,155*	44,930*	47,454*	1,543	1,711	1,807	2,031	1,820	1,392
Paper and allied products	54,816*	54,818*	58,160*	66,489*	73,448*	78,643*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	155,164*	168,428*	174,850*	176,514*	191,459*	(D)	12,619	14,125	14,292	14,500	15,212	15,815
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,647	3,083	3,434	3,146	2,758	1,338
Petroleum and coal products	4,242*	3,422*	4,171*	4,536*	6,032*	3,101	606	243	237	207	282	340
Tobacco manufactures	241,776	239,513	218,610	218,045*	215,143*	227,473*	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	4,681	4,932	5,059	6,034	7,775	9,417
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Durable goods	1,528,742	1,511,095	1,524,586	1,602,166	1,701,709	1,709,697	138,144	123,417	112,995	108,706	116,174	122,846
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	2,367	2,728	3,060	3,301	4,087	4,934
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,023	1,001	829	(D)	(D)	371
Primary metal industries	(D)	(D)	(D)	(D)	70,855*	(D)	8,948	7,690	4,915	3,150	4,495	3,494
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	11,972	11,428	11,214	12,212	14,406	14,195
Machinery, except electrical	213,748*	193,919*	181,852*	181,310*	197,582*	187,415*	36,166	29,254	32,857	31,425	34,153	37,031
Electric and electronic equipment	474,098*	449,666*	476,875*	511,918*	535,505*	527,938*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	325	294	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	983
Stone, clay, and glass products	52,072*	(D)	(D)	69,703*	(D)	81,259*	3,375	3,537	3,944	3,850	3,752	3,670
Instruments and related products	7,708*	7,928*	8,587*	(D)	(D)	(D)	1,125	1,034	1,096	1,283	1,401	1,520
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	2,389	2,165	1,811	2,672	3,063	2,991
Transportation and public utilities	724,327	760,858	800,928	876,618	948,089	976,879	135,122	136,372	141,085	146,630	151,477	156,981
Railroad transportation	127,751*	118,132*	108,977*	(D)	(D)	(D)	16,150	15,251	13,958	13,032	13,288	13,845
Trucking and warehousing	250,890	268,260	288,627	280,154	350,804	376,646	53,046	53,065	56,594	60,383	62,503	61,553
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	136,837	138,987	139,558*	12,191	13,462	11,614	14,637	15,713	(D)
Communication	144,755*	141,555*	145,898*	156,471*	157,102*	159,298*	36,436	36,777	38,023	39,806	40,645	43,450
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	17,339	17,840	20,928	18,784	19,325	20,763
Wholesale trade	619,724	653,824	636,638	695,671	745,407	798,229	170,839	176,678	171,590	164,869	176,705	192,586
Retail trade	931,501	979,118	1,037,746	1,106,432	1,202,973	1,244,109	282,366	299,002	306,496	298,572	316,215	323,809
Finance, insurance, and real estate	566,944	617,370	673,849	806,220	785,878	807,154	120,378	125,165	134,393	146,183	144,827	146,461
Banking and credit agencies	211,701*	221,576*	236,890*	253,868*	243,333*	268,557*	51,827	52,087	52,615	53,317	52,706	52,693
Other finance, insurance, and real estate[9]	346,072*	369,274*	407,988*	519,146*	509,732*	528,939*	68,551	73,078	81,778	92,866	92,121	93,768
Services	1,727,783	1,863,852	2,083,656	2,339,032	2,652,598	2,938,472	422,909	462,150	481,845	535,399	594,499	632,784
Hotels and other lodging places	46,059*	47,334*	47,240*	51,474*	51,090*	53,761*	6,413	6,230	5,317	5,327	9,255	8,404
Personal services	90,573	104,540	116,601	124,076	146,034	169,816	27,995	34,337	34,287	33,751	37,275	40,030
Private households	27,368	27,403	26,821*	27,113	28,112*	29,330*	11,831	12,052	12,202	12,210	12,886	13,559
Business services	232,705	264,503	312,703	377,035	439,514	506,775	74,910	80,424	79,150	84,751	91,515	105,070
Auto repair, services, and garages	89,256	97,739	111,161	118,861	126,312	135,132	22,706	22,616	24,493	24,846	25,738	28,659
Miscellaneous repair services	31,946*	30,006	34,677	37,968	43,828	46,066	10,796	10,272	10,746	11,983	14,472	14,167
Amusement and recreation services	41,410*	46,786	54,489	62,910	65,528	71,340	5,983	6,726	7,650	7,267	6,985	7,139
Motion pictures	4,055*	4,830*	4,696*	(D)	6,924*	7,577*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	725,960	764,234	829,564	926,259	1,047,806	1,158,528	171,711	193,110	206,101	246,874	275,781	288,309
Legal services	154,077	164,356	186,646	210,602	240,362	264,843	25,727	28,126	30,920	34,275	39,092	41,277
Educational services	55,064	58,846	64,511	70,992	74,912	75,602	6,808	7,888	7,236	9,020	10,183	11,707
Social services	40,358*	42,926*	48,038*	54,665*	60,967*	68,716	7,114	7,398	8,033	8,837	9,636	9,997
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	68,353	70,368	73,528	80,267	87,352	91,909	13,979	15,096	15,501	16,816	18,160	19,427
Miscellaneous services	113,304	134,046	167,815	184,929	227,418	252,634	35,934	36,995	39,278	38,536	42,436	44,048
Government and government enterprises	1,090,537	1,167,399	1,230,309	1,297,934	1,393,279	1,492,570	433,002	458,979	461,866	489,770	510,916	545,645
Federal, civilian	289,401	313,624	312,398	326,532	358,359	382,455	50,555	53,513	53,470	56,953	59,623	64,199
Military	36,696	38,144	41,313	44,808	46,520	48,824	60,165	59,729	63,028	65,754	65,434	67,151
State and local	764,440	815,631	876,598	926,594	988,400	1,061,291	322,282	345,737	345,368	367,063	385,859	414,295

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Lynchburg, VA (MSA)						Macon—Warner Robins, GA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,553,244**	**1,622,522**	**1,718,406**	**1,847,660**	**2,002,107**	**2,153,970**	**3,048,465**	**3,262,323**	**3,491,874**	**3,780,606**	**4,103,326**	**4,386,207**
Nonfarm personal income	1,546,478	1,619,034	1,712,397	1,838,869	1,991,495	2,144,218	3,030,247	3,245,975	3,468,838	3,759,327	4,078,496	4,365,962
Farm income[1]	6,766	3,488	6,009	8,791	10,612	9,752	18,218	16,348	23,036	21,279	24,830	20,245
Population (thousands)[2]	142.6	144.0	145.3	145.2	145.5	145.2	277.8	279.7	280.2	282.9	286.7	287.4
Per capita personal income (dollars)	**10,895**	**11,264**	**11,830**	**12,727**	**13,763**	**14,829**	**10,972**	**11,662**	**12,463**	**13,363**	**14,311**	**15,261**
Derivation of total personal income:												
Total earnings by place of work	1,368,151	1,422,731	1,513,686	1,630,560	1,727,110	1,830,723	2,402,912	2,573,171	2,737,049	2,962,473	3,194,865	3,393,487
Less: Personal contributions for social insurance[3]	75,188	82,058	88,739	92,387	102,346	113,091	131,894	146,165	155,388	166,186	183,684	199,934
Plus: Adjustment for residence	−271,056	−280,718	−300,334	−325,337	−329,270	−349,147	−164,264	−175,989	−159,380	−165,371	−173,532	−195,309
Equals: Net earnings by place of residence	1,021,907	1,059,955	1,124,613	1,212,836	1,295,494	1,368,485	2,106,754	2,251,017	2,422,281	2,630,916	2,837,649	2,998,244
Plus: Dividends, interest, and rent[5]	292,940	306,159	312,509	338,901	380,074	440,179	405,790	426,885	452,380	490,204	545,838	624,299
Plus: Transfer payments	238,397	256,408	281,284	295,923	326,539	345,306	535,921	584,421	617,213	659,486	719,839	763,664
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,142,004	1,194,196	1,261,882	1,352,354	1,430,300	1,516,430	2,028,056	2,177,348	2,290,080	2,463,229	2,639,968	2,797,822
Other labor income	125,416	123,750	132,857	138,811	143,849	153,355	185,948	193,151	207,047	228,234	250,048	275,162
Proprietors' income[6]	100,731	104,785	118,947	139,395	152,961	160,938	188,908	202,672	239,922	271,010	304,849	320,503
Farm	5,176	1,904	4,438	7,132	8,939	8,048	14,046	12,204	18,947	16,977	20,515	15,868
Nonfarm	95,555	102,881	114,509	132,263	144,022	152,890	174,862	190,468	220,975	254,033	284,334	304,635
Earnings by industry:												
Farm	6,766	3,488	6,009	8,791	10,612	9,752	18,218	16,348	23,036	21,279	24,830	20,245
Nonfarm	1,361,385	1,419,243	1,507,677	1,621,769	1,716,498	1,820,971	2,384,694	2,556,823	2,714,013	2,941,194	3,170,035	3,373,242
Private	1,219,680	1,263,628	1,339,932	1,441,046	1,525,424	1,618,722	1,590,504	1,714,574	1,866,144	2,058,201	2,248,100	2,370,543
Agricultural services, forestry, fisheries, and other[7]	4,390	4,573	4,839	5,944	6,812	4,700	12,257	12,134	13,435	14,818	16,911	17,440
Agricultural services	3,825	(D)	(D)	5,872	6,823	4,732	8,649*	9,049*	10,074*	12,051	(D)	(D)
Forestry, fisheries, and other[7]	565	(D)	(D)	72	(L)	(L)	(D)	2,705*	3,124*	2,767	(D)	(D)
Mining	3,408	4,481	2,088	2,613	3,808	3,837	6,057	7,356	4,377	(D)	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,174*	(D)	(D)	(D)
Construction	65,627	71,246	84,969	96,272	106,793	108,670	116,354	119,549	135,288	144,420	152,035	160,947
Manufacturing	621,118	614,478	628,258	647,416	653,452	676,055	478,417	509,523	532,296	579,069	602,152	625,512
Nondurable goods	182,230	185,627	196,579	200,102	200,227	214,251	310,236	335,577	342,392*	377,450*	386,384*	401,339*
Food and kindred products	37,830*	39,771*	42,456*	45,056*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	68,146*
Textile mill products	27,517	26,193	26,718	27,218	27,548	42,480	30,581	32,258	31,526	33,989	33,866*	33,926
Apparel and other textile products	(D)	(D)	(D)	11,346	9,688	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	41,490	(D)	64,155	74,491	77,761	81,855	86,629	86,461
Printing and publishing	37,355	41,052	44,561*	45,093*	46,317*	48,403	14,459*	14,971*	18,672*	19,822*	20,376*	20,300*
Chemicals and allied products	14,386	14,023	15,600	16,825	17,928	17,373	8,470	8,467	(D)	(D)	8,169	8,215*
Petroleum and coal products	240	(D)	0	0	0	0	1,776	1,620	1,349	1,626	1,397	1,481
Tobacco manufactures	0	0	0	0	0	0	86,837	105,234	111,148	(D)	(D)	(D)
Rubber and misc. plastic products	5,356	5,813	6,692	7,393	7,615	7,307	(D)	(D)	(D)	(D)	6,975*	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Durable goods	438,888	428,851	431,679	447,314	453,225	461,804	168,181	173,946	185,554*	197,026*	210,695*	219,068*
Lumber and wood products	14,530	14,907	17,923	20,682	22,054	23,373	8,975*	8,290*	7,044*	7,512	7,764	7,606
Furniture and fixtures	(D)	(D)	(D)	(D)	44,231	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	157,640*	166,733	175,899	176,900	176,393*	194,213	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	24,425	(D)	(D)	(D)	(D)	(D)	(D)	6,565*	7,514*	10,280*	14,002*	15,293*
Electric and electronic equipment	110,796	98,107	80,375	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	63,931*	(D)
Stone, clay, and glass products	2,837	3,145	3,360	3,890	4,271	(D)	29,959*	31,947*	35,227*	33,807	34,831	32,238*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	75,882	77,229	82,591	86,941	87,404	92,399	131,203	142,503	152,514	154,539*	168,672*	177,241*
Railroad transportation	8,836	7,455	7,150	7,044	7,966	8,795	28,177	28,813	28,348	28,606	30,104	31,091
Trucking and warehousing	28,889	27,829	30,916	33,288	36,582	40,760	28,940	31,004	34,793	35,558	37,742	39,604
Water transportation	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	0
Other transportation[8]	12,860	14,300	(D)	(D)	(D)	(D)	10,365*	(D)	(D)	(D)	(D)	23,158*
Communication	17,531	18,642	20,243	20,886	21,692	22,048	37,377*	39,060*	39,063*	46,958*	53,864*	52,687*
Electric, gas, and sanitary services	7,766	9,003	(D)	(D)	(D)	(D)	22,671*	(D)	(D)	33,644	35,370	37,630
Wholesale trade	52,587	58,531	65,120	77,597	77,546	84,260	111,824	124,932	130,760	140,895	164,487	180,341
Retail trade	115,774	122,457	130,712	139,292	172,377	189,347	226,656	248,298	270,380	292,253	312,041	322,236
Finance, insurance, and real estate	60,805	65,212	70,876	93,741	91,504	97,298	134,755	144,075	164,289	186,709	189,832	196,659
Banking and credit agencies	25,551*	(D)	(D)	34,377*	32,969*	35,281*	36,361*	36,996*	42,316*	45,805*	50,343	50,657*
Other finance, insurance, and real estate[9]	33,632*	(D)	(D)	56,393*	55,968*	59,635*	94,520*	103,826*	117,271*	134,076*	139,489	140,389*
Services	220,089	245,421	270,479	291,230	325,728	362,156	372,981	406,204	462,805	533,591	628,613	675,977
Hotels and other lodging places	(D)	(D)	(D)	5,225	4,917	4,256	11,862*	12,264*	13,727	15,103	15,753*	17,441
Personal services	12,810	15,181	15,926	17,694	20,524	(D)	17,501	20,109	22,256	23,501	27,120	30,776
Private households	9,766	9,882	9,964	10,108	10,821	11,455	15,602	15,941	16,169	16,442	17,588	18,613
Business services	18,903	24,499	29,477	30,780	34,024	38,004	30,252	32,429	37,275	43,374	56,646	62,275
Auto repair, services, and garages	9,379	11,146	12,669	13,321	12,507	14,163	16,961	20,516	22,455	24,620	28,071	30,017
Miscellaneous repair services	4,426	3,984	4,467	3,897	4,186	4,701	9,731	7,646	10,824	10,703	12,013	12,759
Amusement and recreation services	5,061	(D)	(D)	4,852*	(D)	4,852	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	612	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	81,487	90,021	95,722	108,851	122,192	138,750	139,224	157,916	175,735	213,900	263,042	273,420
Legal services	11,582	13,756	17,049	17,628	21,182	23,149	29,653	32,291	36,354	39,499	45,474	53,141
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	27,511*	30,330*	33,086*	36,461*	40,141*	41,278*
Social services	(D)	(D)	12,758	14,256	15,843	17,509	8,940*	10,402*	11,579*	12,567*	13,514*	15,685*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,551	10,617	9,892	10,389	11,753	12,145	19,557	18,846	18,693	20,274	22,213	22,967
Miscellaneous services	14,365	17,088	21,365	23,161	27,240	30,149	39,640	40,354	56,333	67,708	76,479	86,430
Government and government enterprises	141,705	155,615	167,745	180,723	191,074	202,249	794,190	842,249	847,869	882,993	921,935	1,002,699
Federal, civilian	13,522	14,220	14,159	15,664	16,705	17,310	469,666	493,698	463,764	469,470	478,909	525,644
Military	3,579	4,147	4,839	5,038	5,229	5,487	94,118	99,903	106,488	112,416	114,519	118,562
State and local	124,604	137,248	148,747	160,021	169,140	179,452	230,406	248,648	277,617	301,107	328,507	358,493

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Madison, WI (MSA)						Manchester—Nashua, NH (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,745,647**	**5,084,642**	**5,443,918**	**5,869,130**	**6,276,605**	**6,797,066**	**4,648,366**	**5,183,541**	**5,744,307**	**6,383,597**	**7,037,050**	**7,451,912**
Nonfarm personal income	4,710,332	5,039,018	5,381,724	5,799,770	6,235,463	6,732,544	4,643,629	5,178,090	5,737,890	6,374,291	7,026,267	7,443,216
Farm income[1]	35,315	45,624	62,194	69,360	41,142	64,522	4,737	5,451	6,417	9,306	10,783	8,696
Population (thousands)[2]	338.2	341.4	343.7	346.9	352.8	357.3	295.8	306.5	316.1	324.5	332.2	338.6
Per capita personal income (dollars)	**14,034**	**14,892**	**15,840**	**16,920**	**17,790**	**19,023**	**15,716**	**16,914**	**18,170**	**19,671**	**21,185**	**22,010**
Derivation of total personal income:												
Total earnings by place of work	3,650,663	3,939,590	4,251,199	4,637,516	5,002,875	5,378,173	3,469,356	3,886,715	4,330,564	4,876,422	5,312,381	5,454,121
Less: Personal contributions for social insurance[3]	185,039	206,598	220,838	251,265	290,284	323,069	197,933	233,646	254,156	274,113	307,595	326,014
Plus: Adjustment for residence	−94,656	−112,561	−125,066	−138,598	−148,197	−163,392	263,742	319,335	342,842	376,156	450,932	544,583
Equals: Net earnings by place of residence	3,370,968	3,620,431	3,905,295	4,247,653	4,564,394	4,891,712	3,535,165	3,972,404	4,419,250	4,978,465	5,455,718	5,672,690
Plus: Dividends, interest, and rent[5]	830,360	872,409	906,005	944,935	998,228	1,133,872	669,121	741,210	815,999	873,982	995,960	1,142,885
Plus: Transfer payments	544,319	591,802	632,618	676,542	713,983	771,482	444,080	469,927	509,058	531,150	585,372	636,337
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,066,664	3,315,606	3,563,802	3,870,091	4,184,125	4,472,595	2,877,992	3,221,197	3,587,757	3,996,275	4,329,354	4,419,666
Other labor income	265,174	276,299	296,750	320,839	358,952	393,415	318,469	334,077	372,770	402,292	436,570	450,761
Proprietors' income[6]	318,825	347,685	390,647	446,586	459,798	512,163	272,895	331,441	370,037	477,855	546,457	583,694
Farm	20,473	30,802	47,564	53,975	25,693	48,896	2,372	3,156	4,428	7,255	8,708	6,759
Nonfarm	298,352	316,883	343,083	392,611	434,105	463,267	270,523	328,285	365,609	470,600	537,749	576,935
Earnings by industry:												
Farm	35,315	45,624	62,194	69,360	41,142	64,522	4,737	5,451	6,417	9,306	10,783	8,696
Nonfarm	3,615,348	3,893,966	4,189,005	4,568,156	4,961,733	5,313,651	3,464,619	3,881,264	4,324,147	4,867,116	5,301,598	5,445,425
Private	2,507,500	2,700,790	2,905,422	3,219,018	3,551,868	3,827,366	3,208,307	3,596,819	4,010,031	4,507,281	4,902,203	4,999,220
Agricultural services, forestry, fisheries, and other[7]	22,051	22,504	24,473	30,875	39,771	42,137	8,677	11,742	14,478	23,221	25,969	27,377
Agricultural services	21,858	22,339	24,391	30,789	39,692	42,067	8,067	11,111	14,189	23,003	25,853	27,214
Forestry, fisheries, and other[7]	193	165	82	86	79	70	610	631	289	218	116	163
Mining	12,954	15,403	8,893	8,705	10,602	10,481	9,616	13,213	5,977	5,628	7,068	6,098
Coal mining	337	451	434	199	244	257	0	0	0	0	0	0
Oil and gas extraction	6,899	9,418	2,921	3,137	4,683	4,951	5,341	8,038	2,200	2,308	3,886	4,072
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	5,722	5,536	5,538	5,369	5,675	5,273	4,275	5,175	3,777	3,320	3,182	2,026
Construction	194,419	203,242	228,482	245,523	278,588	301,140	222,666	290,711	369,620	413,911	457,350	409,018
Manufacturing	490,555	522,980	559,999	609,422	697,684	738,364	1,357,945	1,449,387	1,510,511	1,583,636	1,681,547	1,691,463
Nondurable goods	254,871	264,086	286,360	308,493	341,502	354,528	320,202	323,039	333,460	355,695	382,600	376,443
Food and kindred products	131,662	130,934	137,934	143,572	158,027	166,608	46,277	46,022	47,919	49,200	51,491	53,182
Textile mill products	(D)	(D)	6,522	6,778	(D)	(D)	22,653	22,678	24,190	27,081	28,980	31,181
Apparel and other textile products	1,364	(D)	2,494	(D)	(D)	(D)	18,628	16,233	(D)	(D)	(D)	(D)
Paper and allied products	6,043	7,510	8,635	9,258	10,127	11,173	50,151	51,488	54,079	62,322	63,575	65,149
Printing and publishing	57,978	64,129	69,330	77,740	85,969	81,557	63,681	72,140	76,748	88,982	101,733	102,226
Chemicals and allied products	23,124	24,478	27,709	30,448	34,110	33,237	19,930	22,979	23,752	27,996	31,033	25,001
Petroleum and coal products	(D)	123	149	(D)	(D)	0	(L)	(D)	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	(L)	(D)	(L)	(D)	(D)	(L)
Rubber and misc. plastic products	28,388	28,836	33,587	38,061	43,099	50,501	77,853	76,914	79,245	75,551	82,367	76,881
Leather and leather products	(D)	0	0	0	0	0	20,964	14,511	(D)	(D)	(D)	(D)
Durable goods	235,684	258,894	273,639	300,929	356,182	383,836	1,037,743	1,126,348	1,177,051	1,227,941	1,298,947	1,315,020
Lumber and wood products	19,439	19,483	20,614	24,781	30,285	31,482	(D)	(D)	(D)	31,723	30,238	25,097
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	12,644	14,089	14,253	15,449	15,419	10,418
Primary metal industries	(D)	5,885	6,757	7,677	30,239	(D)	43,860	41,943	40,206	38,945	42,088	46,812
Fabricated metal products	24,686	29,268	33,446	32,081	29,696	39,008	37,402	36,618	38,464	42,146	46,381	44,816
Machinery, except electrical	64,196	73,432	76,730	99,868	108,099	114,820	368,553	407,263	442,898	463,610	502,294	501,266
Electric and electronic equipment	26,648	39,830	47,573	40,569	51,067	57,427	448,418	488,137	488,417	492,890	505,346	524,450
Transportation equip. excl. motor vehicles	0	(D)	(D)	215	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	8,958	(D)	(D)	(D)	(D)	(D)	0	0	557	(D)	(D)	(D)
Stone, clay, and glass products	9,998	10,483	11,013	12,836	14,739	15,039	15,305	16,917	17,726	20,261	25,328	28,257
Instruments and related products	39,157	39,496	38,198	35,867	40,834	43,092	73,864	78,717	89,186	98,713	106,865	110,573
Miscellaneous manufacturing industries	2,413	2,500	3,307	3,508	4,317	3,729	14,120	15,919	16,420	21,673	23,347	22,561
Transportation and public utilities	186,457	190,758	203,692	217,419	226,944	242,478	228,762	225,976	226,873	242,897	252,445	248,165
Railroad transportation	2,652	2,618	2,256	1,763	1,329	950	4,459	4,248	2,794	2,334	2,070	1,694
Trucking and warehousing	40,074	41,629	49,279	52,133	55,217	58,431	56,673	56,813	62,724	68,506	73,451	65,594
Water transportation	−157	−74	−114	−63	(L)	(L)	(D)	(D)	(L)	(L)	0	(L)
Other transportation[8]	17,673	18,887	20,439	20,702	20,646	20,463	(D)	19,177	21,881	28,838	(D)	35,320
Communication	66,865	67,714	70,869	78,222	82,294	88,039	(D)	(D)	(D)	(D)	97,050	92,695
Electric, gas, and sanitary services	59,350	59,984	60,963	64,662	67,415	74,602	(D)	(D)	(D)	(D)	(D)	52,863
Wholesale trade	204,627	224,058	247,041	272,014	289,505	305,091	218,794	253,925	276,239	325,878	359,624	372,520
Retail trade	344,687	355,886	373,183	412,406	455,869	492,964	340,574	383,641	455,283	528,905	569,521	571,322
Finance, insurance, and real estate	288,946	320,013	362,594	433,903	449,917	470,099	183,844	214,814	264,252	346,367	350,466	354,610
Banking and credit agencies	63,098	68,075	78,726	88,216	99,616	94,088	62,875	71,668	88,732	114,890	119,037	120,477
Other finance, insurance, and real estate[9]	225,848	251,938	283,868	345,687	350,301	376,011	120,969	143,146	175,520	231,477	231,429	234,133
Services	762,804	845,946	897,065	988,751	1,102,988	1,224,612	637,429	753,410	886,798	1,036,838	1,198,213	1,318,647
Hotels and other lodging places	18,573	20,268	19,936	23,334	25,375	26,203	21,551	24,535	26,620	29,555	34,902	35,201
Personal services	37,231	43,550	46,625	49,789	56,957	64,811	33,590	42,123	48,656	53,347	62,536	70,437
Private households	11,931	11,974	11,912	11,908	12,652	13,289	6,271	6,408	6,538	6,696	7,246	7,703
Business services	176,951	201,385	217,025	236,898	256,747	290,596	150,558	197,230	241,299	284,763	332,240	362,788
Auto repair, services, and garages	24,980	26,586	26,863	28,621	32,949	35,329	33,517	43,365	48,458	52,839	59,660	64,698
Miscellaneous repair services	11,689	12,397	12,205	12,700	13,932	15,050	10,391	11,027	14,095	14,740	17,231	17,820
Amusement and recreation services	12,117	14,492	15,003	16,721	17,613	19,250	10,611	11,574	14,145	16,531	16,672	17,633
Motion pictures	(D)	(D)	(D)	(D)	(D)	4,611	(D)	(D)	(D)	(D)	(D)	(D)
Health services	245,456	269,315	276,038	307,547	342,818	381,980	195,901	214,935	245,977	300,324	351,781	405,307
Legal services	53,096	56,999	64,084	71,525	80,279	84,896	47,930	54,412	65,368	76,101	86,800	94,703
Educational services	8,695	9,330	10,640	12,300	13,507	15,019	33,728	37,692	41,490	43,224	45,473	48,725
Social services	32,317	35,651	38,813	45,199	48,769	54,891	21,017	22,509	26,442	31,106	36,222	39,198
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	650	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	52,564	57,677	61,197	66,439	74,160	79,466	20,040	21,714	22,814	27,462	31,250	31,864
Miscellaneous services	75,090	84,415	94,158	103,098	123,115	138,571	50,686	63,854	82,716	97,743	113,605	119,902
Government and government enterprises	1,107,848	1,193,176	1,283,583	1,349,138	1,409,865	1,486,285	256,312	284,445	314,116	359,835	399,395	446,205
Federal, civilian	102,696	109,574	112,763	119,890	129,019	135,747	86,351	93,910	97,009	113,554	125,140	135,018
Military	12,122	14,261	15,262	16,227	16,779	17,446	8,188	9,244	10,335	10,342	10,501	10,408
State and local	993,030	1,069,341	1,155,558	1,213,021	1,264,067	1,333,092	161,773	181,291	206,772	235,939	263,754	300,779

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Mansfield, OH (MSA)						McAllen—Edinburg—Mission, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,534,138**	**1,624,207**	**1,697,964**	**1,765,155**	**1,877,132**	**1,981,860**	**2,210,249**	**2,402,017**	**2,474,965**	**2,614,018**	**2,835,268**	**3,118,323**
Nonfarm personal income	1,525,091	1,614,883	1,689,828	1,754,573	1,869,039	1,971,345	2,143,777	2,349,550	2,437,776	2,565,003	2,781,840	3,072,468
Farm income[1]	9,047	9,324	8,136	10,582	8,093	10,515	66,472	52,467	37,189	49,015	53,428	45,855
Population (thousands)[2]	129.4	129.4	128.5	128.6	129.0	129.0	345.5	355.7	368.3	379.9	387.9	399.1
Per capita personal income (dollars)	**11,852**	**12,549**	**13,219**	**13,729**	**14,546**	**15,366**	**6,397**	**6,753**	**6,720**	**6,881**	**7,309**	**7,814**
Derivation of total personal income:												
Total earnings by place of work	1,214,873	1,302,773	1,363,828	1,415,909	1,511,995	1,564,434	1,469,151	1,587,940	1,613,658	1,735,672	1,885,935	2,039,886
Less: Personal contributions for social insurance[3]	79,099	89,409	95,590	98,317	108,601	116,421	75,893	87,418	91,327	98,578	109,610	124,649
Plus: Adjustment for residence	−77,706	−85,306	−94,091	−94,035	−100,574	−99,272	−9,675	−16,443	−18,969	−22,577	−24,441	−25,509
Equals: Net earnings by place of residence	1,058,068	1,128,058	1,174,147	1,223,557	1,302,820	1,348,741	1,383,583	1,484,079	1,503,362	1,614,517	1,751,884	1,889,728
Plus: Dividends, interest, and rent[5]	234,837	240,115	248,831	247,838	267,327	303,627	357,379	393,683	404,456	404,128	439,592	506,789
Plus: Transfer payments	241,233	256,034	274,986	293,760	306,985	329,492	469,287	524,255	567,147	595,373	643,792	721,806
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,003,909	1,082,586	1,129,516	1,173,339	1,252,777	1,289,131	1,122,769	1,234,880	1,265,920	1,344,793	1,460,165	1,587,496
Other labor income	115,437	119,418	125,172	122,820	130,573	136,689	98,196	102,371	109,600	115,876	128,358	142,797
Proprietors' income[6]	95,527	100,769	109,140	119,750	128,645	138,614	248,186	250,689	238,138	275,003	297,412	309,593
Farm	7,419	7,740	6,570	8,933	6,452	8,856	34,995	20,946	5,801	15,572	19,731	11,325
Nonfarm	88,108	93,029	102,570	110,817	122,193	129,758	213,191	229,743	232,337	259,431	277,681	298,268
Earnings by industry:												
Farm	9,047	9,324	8,136	10,582	8,093	10,515	66,472	52,467	37,189	49,015	53,428	45,855
Nonfarm	1,205,826	1,293,449	1,355,692	1,405,327	1,503,902	1,553,919	1,402,679	1,535,473	1,576,469	1,686,657	1,832,507	1,994,031
Private	1,084,159	1,161,866	1,214,767	1,258,708	1,347,312	1,388,355	1,071,978	1,151,639	1,162,765	1,240,584	1,344,295	1,459,657
Agricultural services, forestry, fisheries, and other[7]	2,156	2,525	2,644	2,677	2,816	3,047	29,805	29,580	30,415	41,203	43,068	44,863
Agricultural services	1,957	2,457	2,640	2,664	2,818	3,055	29,727	29,412	30,184	41,048	42,883	44,679
Forestry, fisheries, and other[7]	199	68	(L)	(L)	(L)	(L)	78	168	231	155	185	184
Mining	2,533	3,261	1,595	1,530	1,855	1,966	45,005	47,349	32,134	26,257	27,687	27,783
Coal mining	107	108	99	(D)	(D)	(D)	57	61	62	(L)	(L)	(L)
Oil and gas extraction	1,994	2,549	909	924	1,299	1,427	(D)	45,934	30,732	(D)	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	(D)	(D)	0	0	0
Nonmetallic minerals, except fuels	435	606	587	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	50,522	55,851	63,231	68,137	75,483	77,589	106,618	106,658	99,104	92,868	99,760	99,237
Manufacturing	571,205	616,957	617,628	613,987	649,015	656,056	149,192	166,974	171,846	183,484	190,158	205,018
Nondurable goods	38,826	39,581	40,781	43,281	46,724	48,137	114,777	118,684	121,781	131,806	137,573	145,229
Food and kindred products	6,043	5,956	6,055	6,054	6,456	6,955	47,988	48,645	51,842	57,158	56,350	57,053
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	2,249	1,855	2,271	2,192	2,412	1,029	44,866	45,143	45,938	49,683	54,696	64,207
Paper and allied products	6,076	6,031	6,432	7,942	9,632	10,487	9,073	9,228	8,180	7,976	9,275	9,707
Printing and publishing	17,130	18,465	18,892	19,988	19,633	17,618	5,934	6,578	6,591	7,153	7,543	8,023
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,978	5,538	5,591	5,961	5,723	1,546
Petroleum and coal products	(D)	0	(D)	275	1,276	1,343	2,290	2,337	2,376	2,663	2,489	2,191
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	6,586	6,475	6,314	5,896	6,364	(D)	629	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	1,019	(D)	(D)	(D)	929	875
Durable goods	532,379	577,376	576,847	570,706	602,291	607,919	34,415	48,290	50,065	51,678	52,585	59,789
Lumber and wood products	1,753	1,665	1,736	1,574	1,935	1,979	1,294	1,778	2,068	1,320	1,355	1,797
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	71,180	79,745	84,038	93,253	96,886	100,744	0	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	196,618	239,760	243,977	232,732	257,229	263,006	8,512	10,170	8,303	7,366	4,734	4,564
Machinery, except electrical	44,075	42,879	43,626	46,961	48,774	48,411	10,722	11,025	12,566	11,119	12,730	13,413
Electric and electronic equipment	109,850	104,077	101,710	90,307	84,441	81,474	(D)	12,405	13,362	17,482	17,835	20,347
Transportation equip. excl. motor vehicles	6,568	5,885	5,315	6,585	5,981	6,312	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	35,978	40,946	41,299	44,114	47,665	48,726	3,845	4,906	4,917	4,544	3,995	4,725
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	1,189	3,201	2,526	1,803	2,099	2,752	2,690
Transportation and public utilities	88,143	88,972	105,126	106,837	114,873	116,403	71,477	75,543	78,714	85,827	88,111	89,994
Railroad transportation	3,652	3,050	13,847	13,066	16,271	17,855	233	1,113	(D)	(D)	1,575	1,450
Trucking and warehousing	22,637	20,671	23,262	23,735	24,530	23,349	26,674	26,036	29,828	33,456	37,281	36,932
Water transportation	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)	(L)	0	(D)	(D)
Other transportation[8]	6,331	6,188	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	21,379	21,086	20,444	23,394	20,999	22,412
Electric, gas, and sanitary services	11,197	11,757	12,275	12,607	13,578	13,827	13,324	16,015	18,277	17,307	18,229	18,530
Wholesale trade	42,885	46,502	51,925	53,790	56,206	55,765	117,452	117,988	114,920	118,504	129,078	146,425
Retail trade	109,425	114,075	120,499	128,507	138,157	142,257	211,752	229,472	228,466	241,181	273,676	306,425
Finance, insurance, and real estate	43,928	46,636	47,191	57,457	59,793	62,729	64,241	73,493	80,984	88,343	86,281	89,588
Banking and credit agencies	13,650	14,811	15,907	16,976	16,249	15,850	35,173	39,890	44,157	42,526	40,677	41,402
Other finance, insurance, and real estate[9]	30,278	31,825	31,284	40,481	43,544	46,879	29,068	33,603	36,827	45,817	45,604	48,186
Services	173,362	187,087	204,928	225,786	249,114	272,543	276,436	304,582	326,182	362,917	406,476	450,324
Hotels and other lodging places	2,928	3,519	3,407	3,548	4,317	4,482	8,513	9,342	8,957	10,344	10,572	10,789
Personal services	10,216	13,967	15,040	15,019	17,224	19,377	14,905	19,696	20,404	20,694	23,769	27,543
Private households	2,146	2,146	2,134	2,130	2,247	2,353	8,206	8,360	8,470	8,479	8,931	9,392
Business services	24,124	25,809	32,582	39,314	44,458	49,549	45,901	53,358	54,277	55,596	59,131	64,001
Auto repair, services, and garages	7,613	7,994	8,815	9,496	10,305	11,021	15,361	16,680	16,059	18,279	19,574	21,549
Miscellaneous repair services	3,637	3,793	4,044	4,505	4,954	4,952	6,649	5,436	5,899	5,826	6,561	7,234
Amusement and recreation services	3,295	3,524	3,749	4,134	3,999	4,365	3,318	3,639	4,298	5,437	6,395	7,138
Motion pictures	(D)	(D)	(D)	443	603	594	(D)	(D)	873	602	823	1,015
Health services	76,046	80,601	83,446	94,047	101,477	110,913	102,243	111,885	121,069	139,774	156,579	178,269
Legal services	7,706	7,990	9,180	9,757	11,114	11,582	23,064	25,442	29,055	34,613	43,339	43,694
Educational services	2,965	3,489	2,581	(D)	(D)	(D)	3,335	3,486	4,967	5,834	6,966	8,656
Social services	4,020	4,292	4,867	4,952	6,029	7,020	7,223	7,817	8,204	8,806	10,433	12,492
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	274	319	336	352
Membership organizations	9,379	9,520	9,769	10,891	11,498	12,206	16,580	18,181	20,018	22,721	25,964	27,964
Miscellaneous services	18,636	19,758	24,579	23,960	27,183	30,385	19,930	20,048	23,358	25,593	27,103	30,236
Government and government enterprises	121,667	131,583	140,925	146,619	156,590	165,564	330,701	383,834	413,704	446,073	488,212	534,374
Federal, civilian	19,193	20,302	20,377	21,020	22,187	23,298	42,952	49,666	50,703	54,860	64,082	73,042
Military	1,842	2,027	2,082	2,165	2,190	2,157	6,040	6,785	7,340	8,487	8,969	9,397
State and local	100,632	109,254	118,466	123,434	132,213	140,109	281,709	327,383	355,661	382,726	415,161	451,935

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Medford, OR (MSA)						Melbourne—Titusville—Palm Bay, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,484,835**	**1,568,869**	**1,643,739**	**1,793,389**	**1,939,778**	**2,102,675**	**4,227,632**	**4,716,137**	**5,037,213**	**5,486,431**	**5,992,120**	**6,618,425**
Nonfarm personal income	1,464,222	1,548,834	1,622,633	1,771,943	1,916,193	2,079,298	4,212,917	4,700,868	5,021,412	5,470,075	5,970,716	6,600,147
Farm income[1]	20,613	20,035	21,106	21,446	23,585	23,377	14,715	15,269	15,801	16,356	21,404	18,278
Population (thousands)[2]	136.2	138.4	140.3	143.1	145.9	149.7	330.4	347.6	361.2	373.9	388.3	402.5
Per capita personal income (dollars)	**10,899**	**11,333**	**11,712**	**12,532**	**13,299**	**14,046**	**12,797**	**13,570**	**13,944**	**14,673**	**15,432**	**16,445**
Derivation of total personal income:												
Total earnings by place of work	943,884	991,647	1,051,372	1,180,577	1,283,756	1,350,402	2,881,143	3,198,803	3,385,626	3,714,664	4,085,617	4,427,657
Less: Personal contributions for social insurance[3]	60,700	66,968	73,363	80,676	90,888	100,313	159,036	186,192	198,191	207,208	237,578	267,526
Plus: Adjustment for residence	12,105	13,040	13,483	13,782	15,970	17,308	6,069	10,381	13,374	19,711	25,020	34,302
Equals: Net earnings by place of residence	895,289	937,719	991,492	1,113,683	1,208,838	1,267,397	2,728,176	3,022,992	3,200,809	3,527,167	3,873,059	4,194,433
Plus: Dividends, interest, and rent[5]	307,744	322,865	342,931	350,310	376,606	436,908	763,478	866,057	940,915	991,595	1,104,221	1,297,385
Plus: Transfer payments	281,802	308,285	309,316	329,396	354,334	398,370	735,978	827,088	895,489	967,669	1,014,840	1,126,607
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	725,697	754,149	801,120	882,510	952,185	997,828	2,476,909	2,750,713	2,885,471	3,144,738	3,463,961	3,762,565
Other labor income	67,782	69,846	76,774	84,187	91,072	96,306	229,278	243,979	264,351	285,163	312,829	337,897
Proprietors' income[6]	150,405	167,652	173,478	213,880	240,499	256,268	174,956	204,111	235,804	284,763	308,827	327,195
Farm	13,192	12,578	13,638	13,503	15,565	15,179	11,128	11,783	12,432	12,935	18,072	15,035
Nonfarm	137,213	155,074	159,840	200,377	224,934	241,089	163,828	192,328	223,372	271,828	290,755	312,160
Earnings by industry:												
Farm	20,613	20,035	21,106	21,446	23,585	23,377	14,715	15,269	15,801	16,356	21,404	18,278
Nonfarm	923,271	971,612	1,030,266	1,159,131	1,260,171	1,327,025	2,866,428	3,183,534	3,369,825	3,698,308	4,064,213	4,409,379
Private	767,985	810,092	859,358	973,630	1,059,981	1,114,533	2,389,982	2,688,174	2,842,277	3,117,481	3,436,895	3,719,811
Agricultural services, forestry, fisheries, and other[7]	10,787	8,675	6,566	10,485	9,428	11,521	14,731	17,185	19,151	21,094	24,073	24,914
Agricultural services	4,881	4,081	4,042	6,825	6,913	9,298	(D)	13,466	14,259	15,320	16,733	18,593
Forestry, fisheries, and other[7]	5,906	4,594	2,524	3,660	2,515	2,223	(D)	3,719	4,892	5,774	7,340	6,321
Mining	3,885	4,272	2,234	2,604	4,121	3,601	7,106	11,398	4,611	4,897	7,149	7,457
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,095	3,036	889	1,009	1,491	1,535	6,327	10,344	3,199	3,591	5,895	6,224
Metal mining	(L)	(L)	(L)	60	157	159	(D)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	1,805	1,242	1,345	1,534	2,472	1,906	772	1,054	1,409	1,304	1,252	1,231
Construction	49,405	55,719	67,447	74,397	78,037	81,764	183,996	219,357	232,084	235,137	267,619	269,158
Manufacturing	213,092	215,775	223,488	246,192	263,446	261,350	712,156	765,078	843,282	912,914	990,135	1,055,882
Nondurable goods	31,357	31,513	32,207	36,134	38,023	38,983	30,979	32,673	36,695	43,282	47,566	45,708
Food and kindred products	7,211	6,891	6,080	6,865	7,075	6,846	9,026	6,202	5,476	7,220	7,996	3,420
Textile mill products	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	203	222	262	409	762	752	2,100	2,567	1,740	1,849	2,149	1,916
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	8,749	9,543	10,593	12,290	14,482	14,480	12,579	15,869	19,322	22,390	25,644	25,363
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	4,953	5,146	5,510	5,853	6,302	7,336
Petroleum and coal products	0	(D)	210	425	700	1,101	394	688	1,477	1,297	409	1,335
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	445	590	566	544	504	647	1,725	1,936	2,849	4,342	4,871	5,986
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	(D)
Durable goods	181,735	184,262	191,281	210,058	225,423	222,367	681,177	732,405	806,587	869,632	942,569	1,010,174
Lumber and wood products	145,269	150,848	157,089	174,111	184,628	177,102	2,864	3,535	4,932	5,878	7,112	8,337
Furniture and fixtures	(D)	(D)	432	460	804	2,281	2,420	2,895	2,376	2,783	2,893	2,371
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	4,842	5,991
Fabricated metal products	7,483	6,508	5,453	5,967	6,860	7,474	8,501	9,894	10,698	11,820	13,999	17,668
Machinery, except electrical	11,469	7,086	6,607	5,195	4,840	5,610	50,989	45,447	57,247	51,642	45,224	48,004
Electric and electronic equipment	8,752	8,890	9,567	10,533	11,706	12,945	(D)	(D)	(D)	485,554	(D)	550,001
Transportation equip. excl. motor vehicles	2,972	3,577	3,988	4,694	5,566	5,113	175,890	193,124	252,360	273,858	(D)	338,246
Motor vehicles and equipment	(D)	(D)	189	273	348	475	(D)	(D)	(D)	(D)	7,408	8,387
Stone, clay, and glass products	2,414	3,598	4,637	5,078	6,379	6,248	7,489	8,842	8,806	8,681	9,011	11,161
Instruments and related products	575	840	995	1,052	1,154	1,482	8,007	9,696	10,403	12,749	15,126	13,869
Miscellaneous manufacturing industries	2,208	2,211	2,324	2,695	3,138	3,637	1,625	1,927	2,916	4,554	7,147	6,139
Transportation and public utilities	73,473	88,950	85,384	104,062	118,008	123,155	155,477	163,085	173,852	186,542	180,541	133,312
Railroad transportation	2,831	2,752	3,004	3,235	3,165	3,304	1,139	1,347	1,197	902	1,153	1,403
Trucking and warehousing	39,631	43,430	48,651	49,340	53,227	52,746	(D)	(D)	(D)	(D)	(D)	40,473
Water transportation	(D)	(D)	(D)	(D)	0	(L)	5,939	7,229	7,882	9,957	11,790	12,356
Other transportation[8]	4,729	5,150	5,923	7,180	8,440	11,540	9,447	9,888	11,048	10,039	11,311	12,086
Communication	17,554	25,059	16,561	31,768	39,350	43,801	91,893	96,755	103,094	108,488	93,981	40,305
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	13,826	11,765	(D)	(D)	(D)	(D)	(D)	26,689
Wholesale trade	45,161	44,755	46,008	50,798	54,208	60,126	67,966	75,486	79,556	95,766	97,012	109,926
Retail trade	139,707	144,538	154,903	167,564	180,661	188,158	287,616	326,083	349,397	379,818	422,582	459,971
Finance, insurance, and real estate	32,291	32,743	35,610	49,001	50,419	53,980	77,903	86,730	95,588	138,841	124,452	126,641
Banking and credit agencies	16,371	14,869	16,013	17,271	18,458	18,110	31,927	35,057	39,966	42,970	44,165	45,454
Other finance, insurance, and real estate[9]	15,920	17,874	19,597	31,730	31,961	35,870	45,976	51,673	55,622	95,871	80,287	81,187
Services	200,184	214,665	237,718	268,527	301,653	330,878	883,031	1,023,772	1,044,756	1,142,472	1,323,332	1,532,550
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	22,510	23,689	25,137	29,736	30,363	32,274
Personal services	10,205	11,288	11,487	12,037	14,248	15,913	20,670	26,085	30,276	32,228	36,861	42,059
Private households	3,772	3,784	3,776	3,785	4,048	4,304	8,053	8,282	8,458	8,662	9,344	9,995
Business services	19,805	22,510	26,511	30,222	37,134	40,359	314,658	372,411	381,156	409,820	567,467	679,432
Auto repair, services, and garages	12,074	14,867	18,105	19,483	20,747	22,586	21,426	24,057	27,042	27,647	27,648	29,798
Miscellaneous repair services	6,323	5,441	6,452	6,711	7,654	9,551	37,524	38,403	39,426	38,931	46,362	58,123
Amusement and recreation services	6,219	7,457	8,112	9,363	11,061	11,924	6,094	7,329	9,247	11,222	14,015	15,157
Motion pictures	2,324	1,555	1,791	1,939	1,451	1,353	(D)	(D)	(D)	(D)	(D)	(D)
Health services	94,692	99,217	109,325	125,502	136,754	149,364	159,718	198,226	212,388	259,147	307,667	350,816
Legal services	9,392	10,541	11,527	12,491	13,330	14,163	24,400	27,705	31,458	34,787	42,139	44,024
Educational services	2,099	1,876	2,157	2,773	3,318	3,868	17,795	18,984	20,562	22,093	25,130	28,883
Social services	6,598	7,523	8,853	10,105	12,210	13,758	8,337	9,162	10,814	11,915	13,574	15,708
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,772	10,458	10,426	11,734	12,900	13,721	19,615	20,921	22,861	26,354	30,332	32,283
Miscellaneous services	10,930	11,235	12,866	13,885	17,452	19,614	221,163	247,349	224,390	228,380	170,831	192,330
Government and government enterprises	155,286	161,520	170,908	185,501	200,190	212,492	476,446	495,360	527,548	580,827	627,318	689,568
Federal, civilian	41,312	41,933	41,431	46,007	50,640	53,651	169,880	171,938	166,927	178,802	194,667	220,558
Military	2,491	2,819	3,208	3,346	3,486	3,588	87,747	94,646	97,592	103,284	103,282	103,923
State and local	111,483	116,768	126,269	136,148	146,064	155,253	218,819	228,776	263,029	298,741	329,369	365,087

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Memphis, TN—AR—MS (MSA)						Merced, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**11,193,265**	**11,909,606**	**12,820,156**	**13,910,681**	**15,172,587**	**16,301,508**	**1,651,058**	**1,788,186**	**1,886,189**	**2,040,035**	**2,168,001**	**2,335,291**
Nonfarm personal income	11,152,349	11,880,837	12,793,774	13,861,899	15,097,500	16,251,037	1,451,503	1,570,663	1,656,932	1,767,939	1,902,459	2,043,502
Farm income[1]	40,916	28,769	26,382	48,782	75,087	50,471	199,555	217,523	229,257	272,096	265,542	291,789
Population (thousands)[2]	937.8	950.2	953.8	967.6	979.3	989.0	152.9	158.1	160.5	164.8	170.0	174.4
Per capita personal income (dollars)	**11,935**	**12,534**	**13,441**	**14,377**	**15,493**	**16,484**	**10,801**	**11,308**	**11,753**	**12,381**	**12,752**	**13,387**
Derivation of total personal income:												
Total earnings by place of work	8,906,124	9,534,950	10,250,232	11,218,861	12,142,124	12,981,274	1,114,360	1,201,044	1,265,898	1,390,973	1,458,458	1,548,057
Less: Personal contributions for social insurance[3]	518,632	583,569	627,878	656,887	733,536	810,637	54,736	61,468	66,158	71,291	80,171	88,021
Plus: Adjustment for residence	−268,361	−308,810	−350,614	−406,956	−399,192	−447,293	25,067	25,344	25,627	32,259	34,307	36,340
Equals: Net earnings by place of residence	8,119,131	8,642,571	9,271,740	10,155,018	11,009,396	11,723,344	1,084,691	1,164,920	1,225,367	1,351,941	1,412,594	1,496,376
Plus: Dividends, interest, and rent[5]	1,418,480	1,515,925	1,581,579	1,643,540	1,849,710	2,126,373	230,112	240,909	250,759	256,223	285,449	332,751
Plus: Transfer payments	1,655,654	1,751,110	1,966,837	2,112,123	2,313,481	2,451,791	336,255	382,357	410,063	431,871	469,958	506,164
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,423,855	7,960,392	8,518,182	9,307,136	10,009,470	10,689,956	788,565	848,915	894,269	961,810	1,018,530	1,070,976
Other labor income	688,390	710,731	778,423	846,033	919,380	1,010,147	74,240	77,486	82,052	86,185	93,046	100,589
Proprietors' income[6]	793,879	863,827	953,627	1,065,692	1,213,274	1,281,171	251,555	274,643	289,577	342,978	346,882	376,492
Farm	26,786	14,797	12,485	34,084	60,272	35,338	144,165	163,874	176,882	214,794	205,032	225,882
Nonfarm	767,093	849,030	941,142	1,031,608	1,153,002	1,245,833	107,390	110,769	112,695	128,184	141,850	150,610
Earnings by industry:												
Farm	40,916	28,769	26,382	48,782	75,087	50,471	199,555	217,523	229,257	272,096	265,542	291,789
Nonfarm	8,865,208	9,506,181	10,223,850	11,170,079	12,067,037	12,930,803	914,805	983,521	1,036,641	1,118,877	1,192,916	1,256,268
Private	7,326,210	7,876,878	8,496,604	9,320,138	10,096,687	10,817,801	635,232	684,450	716,938	765,144	828,536	867,040
Agricultural services, forestry, fisheries, and other[7]	23,940	26,736	28,058*	40,888	43,567	48,188*	(D)	(D)	(D)	(D)	(D)	(D)
Agricultural services	22,205*	24,958*	27,367*	40,440	43,004	47,692*	(D)	(D)	35,683	(D)	(D)	56,528
Forestry, fisheries, and other[7]	(D)	(D)	735	448	563	540	(D)	(D)	(D)	1,078	1,211	(D)
Mining	16,655*	19,968*	(D)	(D)	15,140*	17,864	1,426	1,666	778	573	966	1,061
Coal mining	2,234	1,574	2,368	1,065	1,280	1,360	0	0	0	0	0	0
Oil and gas extraction	11,556*	15,620*	6,122*	6,698*	10,319*	11,802	(D)	(D)	(D)	556	942	1,037
Metal mining	(L)	(L)	(L)	144	149	166	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	4,536	(D)	(D)	(D)	(L)	(L)	(L)
Construction	508,861	564,155	618,862	660,382	688,236	713,060	(D)	(D)	(D)	(D)	(D)	(D)
Manufacturing	1,403,023	1,443,955	1,495,021	1,572,429	1,738,316	1,872,747	196,701	213,205	210,179	206,698	211,894	213,606
Nondurable goods	788,663	827,324	867,322	922,061	1,012,978	1,079,219	161,771	174,492	169,646	161,029	159,813	153,689
Food and kindred products	212,341*	222,863*	221,741*	234,258*	244,968*	242,559*	129,748	145,574	137,691	127,523	124,555	141,514
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	297
Paper and allied products	163,385*	174,077*	185,066*	188,509*	235,940*	284,046*	3,360	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	21,098	22,096	25,686	27,961	29,969	6,611
Chemicals and allied products	199,185	209,936*	220,062*	236,032*	248,330*	253,886*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	18,241*	15,150	19,067	20,592	21,922*	22,576*	113	(D)	(D)	(D)	0	0
Tobacco manufactures	16,152	18,488	13,103	(D)	(D)	17,678	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	31,945*	32,021*	31,706*	(D)	(D)	3,569	3,729	3,297	2,652	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	1,831*	0	0	0	0	0	0
Durable goods	614,360	616,631	627,699	650,368	725,338	793,528	34,930	38,713	40,533	45,669	52,081	59,917
Lumber and wood products	47,559*	51,240*	55,460*	60,721	60,797*	57,909*	2,630	2,468	(D)	2,842	3,097	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,197	(D)	(D)
Primary metal industries	(D)	19,811*	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	104,301*	111,821*	114,690*	123,928*	138,868*	148,495*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	144,452*	136,682*	129,460*	170,187*	217,693*	6,471	7,649	7,382	6,432	7,268	5,723
Electric and electronic equipment	(D)	(D)	75,464*	84,837*	100,862*	109,927*	(D)	(D)	1,521	1,429	(D)	3,291
Transportation equip. excl. motor vehicles	(D)	6,401	(D)	(D)	4,115	5,663	2,782	5,255	7,209	11,078	13,235	8,072
Motor vehicles and equipment	(D)	57,721*	57,777*	57,728*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,367
Stone, clay, and glass products	27,268*	(D)	(D)	(D)	40,466*	42,753*	2,368	1,643	1,043	(D)	(D)	(D)
Instruments and related products	29,144*	34,347	42,442	47,740	(D)	64,771*	0	0	0	(D)	(D)	(D)
Miscellaneous manufacturing industries	27,943*	19,151*	20,186*	23,010*	23,645*	22,257*	105	100	94	73	(D)	(D)
Transportation and public utilities	918,266	1,026,372	1,128,346	1,284,166	1,443,648	1,601,255	55,950	56,981	56,931	57,634	58,511	62,709
Railroad transportation	(D)	(D)	(D)	66,826	66,481	68,030	1,666	1,006	716	376	382	399
Trucking and warehousing	299,579	311,170	304,593	342,053	392,962	(D)	31,310	31,639	31,925	32,852	33,718	36,804
Water transportation	10,399*	9,577*	8,727*	10,956*	15,528*	18,370*	(D)	(L)	(L)	(D)	0	(L)
Other transportation[8]	(D)	(D)	(D)	699,595*	798,819*	(D)	(D)	(D)	(D)	(D)	(D)	3,637
Communication	106,988*	118,518*	121,899	140,262	142,718	148,659	6,928	6,402	6,467	6,374	5,951	6,258
Electric, gas, and sanitary services	14,238*	16,645*	19,082	21,772	24,244	23,813	(D)	(D)	(D)	(D)	(D)	15,612
Wholesale trade	928,784	1,001,781	1,059,921	1,166,782	1,238,492	1,306,840	30,215	32,860	34,485	37,517	47,945	52,214
Retail trade	978,535	1,043,854	1,114,009	1,211,787	1,270,455	1,305,358	105,846	113,358	126,075	135,800	144,396	138,466
Finance, insurance, and real estate	575,196*	619,295*	728,171*	817,555*	813,911*	800,270*	38,405	41,340	47,568	54,429	56,756	57,627
Banking and credit agencies	226,298*	234,269*	282,522*	293,110*	295,403*	301,355*	13,095	12,917	12,663	11,695	11,245	11,966
Other finance, insurance, and real estate[9]	343,797*	371,630*	434,610*	517,560*	500,622*	492,096*	25,310	28,423	34,905	42,734	45,511	45,661
Services	1,964,829	2,121,680	2,302,319	2,543,434	2,830,870	3,136,900	126,131	138,392	151,669	167,359	189,906	208,950
Hotels and other lodging places	146,000*	149,746*	154,598*	179,570*	186,349*	200,047*	1,493	1,244	1,280	1,555	2,166	2,327
Personal services	89,957	104,543	118,181	128,941	145,427	162,898	8,159	9,766	10,982	12,598	14,428	16,538
Private households	65,216	64,511*	64,565*	66,128	70,142	73,786	5,614	5,743	5,842	5,949	6,416	6,868
Business services	338,290	370,668	404,272	459,358	529,993	596,484	12,685	15,357	18,799	22,804	28,788	31,403
Auto repair, services, and garages	83,082	92,440	99,386	104,956	109,834	119,588	11,200	11,723	12,449	12,668	13,340	14,549
Miscellaneous repair services	39,935	37,058	42,939	43,974	50,454	53,710	4,917	4,658	4,922	4,264	5,320	5,941
Amusement and recreation services	34,532	38,007	(D)	(D)	(D)	(D)	1,782	2,049	2,480	2,496	2,522	2,559
Motion pictures	(D)	(D)	(D)	(D)	9,706*	9,939*	727	673	607	438	577	564
Health services	769,097	827,804	887,413	994,279	1,098,096	1,206,812	48,079	53,598	57,625	65,905	73,743	82,018
Legal services	109,429	117,459	132,975	143,214	161,880	177,584	7,181	7,953	8,896	8,754	9,602	9,958
Educational services	51,329*	58,937*	62,913*	69,097*	78,742*	85,394*	1,159	1,297	1,299	1,397	1,500	1,668
Social services	30,561*	37,070*	38,774*	36,951*	40,079*	45,995*	4,377	4,593	5,151	5,970	6,461	6,901
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	1,224	1,611	0	0	0	0	0	0
Membership organizations	62,449	66,199	68,701	74,139	81,192	86,547	8,820	9,880	10,313	10,883	12,447	13,270
Miscellaneous services	129,836	143,457	175,302	189,066	219,309	258,480	9,938	9,858	11,024	11,678	12,596	14,386
Government and government enterprises	1,538,998	1,629,303	1,727,246	1,849,941	1,970,350	2,113,002	279,573	299,071	319,703	353,733	364,380	389,228
Federal, civilian	427,608	468,454	479,318	499,155	548,616	588,608	24,308	25,295	25,159	25,942	28,524	30,207
Military	209,238	209,368	214,199	226,019	228,999	237,309	105,326	110,778	114,493	120,924	119,521	121,252
State and local	902,152	951,481	1,033,729	1,124,767	1,192,735	1,287,085	149,939	162,998	180,051	206,867	216,335	237,769

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Miami—Hialeah, FL (PMSA)						Middlesex—Somerset—Hunterdon, NJ (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**22,686,614**	**24,257,207**	**25,717,021**	**27,952,168**	**30,481,536**	**32,963,556**	**16,954,528**	**18,593,362**	**20,255,873**	**22,182,802**	**24,758,421**	**26,442,366**
Nonfarm personal income	22,549,667	24,119,858	25,566,361	27,801,288	30,324,139	32,795,733	16,889,696	18,523,789	20,185,199	22,100,563	24,675,830	26,361,190
Farm income[1]	136,947	137,349	150,660	150,880	157,397	167,823	64,832	69,573	70,674	82,239	82,591	81,176
Population (thousands)[2]	1,729.9	1,744.5	1,764.3	1,786.9	1,813.5	1,835.1	917.7	931.1	948.4	966.0	978.3	989.8
Per capita personal income (dollars)	**13,115**	**13,905**	**14,577**	**15,643**	**16,808**	**17,963**	**18,475**	**19,968**	**21,357**	**22,964**	**25,308**	**26,716**
Derivation of total personal income:												
Total earnings by place of work	17,342,216	18,620,971	20,027,406	22,013,145	23,784,197	24,862,193	11,368,185	12,624,829	13,915,996	15,769,332	17,608,454	18,657,217
Less: Personal contributions for social insurance[3]	926,081	1,045,335	1,133,642	1,183,501	1,332,905	1,445,459	683,511	797,720	941,229	1,058,556	1,225,621	1,334,952
Plus: Adjustment for residence	−1,799,866	−1,910,599	−2,011,708	−2,120,488	−2,256,946	−2,373,916	2,141,518	2,383,254	2,607,621	2,488,668	2,823,747	2,843,483
Equals: Net earnings by place of residence	14,616,269	15,665,037	16,882,056	18,709,156	20,194,346	21,042,818	12,826,192	14,210,363	15,582,388	17,199,444	19,206,580	20,165,748
Plus: Dividends, interest, and rent[5]	4,828,945	5,181,199	5,312,848	5,501,554	6,115,269	7,186,808	2,680,898	2,845,596	3,038,227	3,226,747	3,668,182	4,183,754
Plus: Transfer payments	3,241,400	3,410,971	3,522,117	3,741,458	4,171,921	4,733,930	1,447,438	1,537,403	1,635,258	1,756,611	1,883,659	2,092,864
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	14,602,085	15,678,262	16,706,356	18,344,511	19,797,847	20,612,031	9,470,464	10,503,797	11,603,505	13,075,543	14,606,194	15,462,567
Other labor income	1,362,315	1,400,927	1,516,971	1,624,839	1,739,169	1,802,509	1,078,299	1,116,884	1,222,009	1,323,013	1,449,190	1,539,913
Proprietors' income[6]	1,377,816	1,541,782	1,804,079	2,043,795	2,247,181	2,447,653	819,422	1,004,148	1,090,482	1,370,776	1,553,070	1,654,737
Farm	105,054	106,277	120,162	119,098	125,799	136,273	54,645	59,702	61,121	72,394	72,877	71,546
Nonfarm	1,272,762	1,435,505	1,683,917	1,924,697	2,121,382	2,311,380	764,777	944,446	1,029,361	1,298,382	1,480,193	1,583,191
Earnings by industry:												
Farm	136,947	137,349	150,660	150,880	157,397	167,823	64,832	69,573	70,674	82,239	82,591	81,176
Nonfarm	17,205,269	18,483,622	19,876,746	21,862,265	23,626,800	24,694,370	11,303,353	12,555,256	13,845,322	15,687,093	17,525,863	18,576,041
Private	14,864,011	15,926,493	17,134,538	18,824,515	20,349,986	21,126,597	10,026,837	11,177,268	12,374,001	14,042,282	15,714,127	16,596,272
Agricultural services, forestry, fisheries, and other[7]	74,440	81,683	85,897	94,388	111,953	115,998	37,404	45,214	53,384	71,211	72,880	78,412
Agricultural services	71,391	76,700	78,819	89,151	105,651	109,907	37,089	44,900	53,087	70,937	72,542	78,080
Forestry, fisheries, and other[7]	3,049	4,983	7,078	5,237	6,302	6,091	315	314	297	274	338	332
Mining	83,456	105,487	51,511	51,330	65,037	61,745	36,571	47,154	28,515	31,359	39,691	41,312
Coal mining	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	65,924	86,267	30,596	23,806	34,928	29,574	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	17,398	19,131	20,824	27,469	30,063	32,132	14,379*	15,862*	(D)	(D)	23,135*	24,025*
Construction	977,967	995,654	1,068,888	1,133,626	1,208,494	1,189,997	653,376	756,252	869,165	1,002,473	1,106,593	1,093,141
Manufacturing	1,759,632	1,783,582	1,872,529	1,980,515	2,079,224	2,110,993	3,405,780	3,551,259	3,781,351	3,959,686	4,363,016	4,440,603
Nondurable goods	941,924	957,733	1,009,357	1,063,195	1,120,477	1,166,256	1,904,164	2,019,949	2,043,150	2,159,110	2,379,318	2,468,209
Food and kindred products	131,683	133,640	142,918	152,888	159,021	166,698	165,747	183,952	206,139	226,868	238,710	250,759
Textile mill products	31,362	30,085	32,783	33,904	37,172	44,601	8,857*	20,658*	22,035*	25,599*	30,719*	(D)
Apparel and other textile products	219,215	207,440	217,036	233,050	252,527	267,407	51,581	52,156	49,308*	51,539*	54,360*	53,822*
Paper and allied products	39,304	43,717	46,552	52,058	50,701	64,160	290,222*	275,827*	247,096	238,296	243,931	236,943
Printing and publishing	275,078	305,348	333,791	356,650	374,083	380,490	164,648	186,668	198,095	214,136	236,919	240,019
Chemicals and allied products	100,777	104,424	118,781	102,673	107,005	105,209	914,249	984,794	1,015,328	1,113,841	1,285,745	1,363,824
Petroleum and coal products	9,096	9,335	10,728	11,498	11,624	12,000	97,708	98,678	101,759*	101,796	102,501	108,335
Tobacco manufactures	7,761	6,383	2,091	2,084	1,921	1,773	5,098	4,958	4,187	(D)	(D)	(D)
Rubber and misc. plastic products	99,744	92,262	84,101	97,338	105,069	99,763	182,607	190,391	194,138	178,121	173,322	163,177*
Leather and leather products	27,904	25,099	20,576	21,052	21,354	24,155	(D)	(D)	(D)	(D)	(D)	320*
Durable goods	817,708	825,849	863,172	917,320	958,747	944,737	1,501,616	1,531,310	1,738,201	1,800,576	1,983,698	1,972,394
Lumber and wood products	47,596	56,617	59,435	60,095	64,328	57,325	26,576	33,883	44,392	54,473	(D)	33,888*
Furniture and fixtures	64,052	65,826	65,842	77,773	86,322	85,333	12,879	15,748*	22,771*	31,000*	32,825*	32,776*
Primary metal industries	32,466	27,965	32,528	33,116	33,587	29,160	221,821	214,187	227,101	227,932	244,237	249,389*
Fabricated metal products	135,405	141,821	145,779	157,771	156,211	139,649	155,301	168,240	177,120	193,900	203,547	206,934
Machinery, except electrical	134,402	143,234	118,758	115,845	85,709	88,311	231,377	231,508	(D)	(D)	(D)	(D)
Electric and electronic equipment	139,261	148,710	159,919	168,165	197,959	196,158	312,053	313,891	352,604	341,708	364,622	341,184
Transportation equip. excl. motor vehicles	88,207	78,062	108,134	122,046	140,445	135,277	(D)	(D)	(D)	(D)	4,716	(D)
Motor vehicles and equipment	5,843	5,642	6,197	4,995	7,601	7,782	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	91,622	81,346	83,858	92,781	96,989	108,425	88,641	93,974	96,118	95,991	101,034	95,474
Instruments and related products	35,540	35,788	40,585	43,308	47,365	54,299	(D)	(D)	(D)	(D)	(D)	484,360
Miscellaneous manufacturing industries	43,314	40,838	42,137	41,425	42,231	43,018	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,150,182	2,255,536	2,352,729	2,480,509	2,594,081	2,399,977	1,212,436	1,374,277	1,478,263	1,709,895	1,856,576	1,873,954
Railroad transportation	36,144	34,090	33,622	(D)	32,030	29,176	9,506*	9,303*	10,112*	11,977	11,841	11,449
Trucking and warehousing	206,385	211,637	238,345	264,162	(D)	(D)	272,819	289,337	342,749	384,483*	446,005	480,830
Water transportation	90,792	97,105	99,014	106,341	138,106	150,586	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	1,327,729	1,283,427	1,108,745	(D)	(D)	(D)	(D)	(D)	(D)
Communication	446,503	449,276	428,877	459,144	522,851	471,653	730,301	841,956	885,915	1,003,803	1,089,397	1,105,889
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,478,151	1,626,719	1,718,212	1,897,057	2,149,701	2,301,240	1,022,690	1,193,560	1,302,792	1,463,015	1,648,109	1,822,177
Retail trade	1,988,135	2,126,422	2,237,074	2,422,491	2,676,807	2,792,685	977,716	1,094,755	1,215,123	1,360,729	1,496,894	1,555,700
Finance, insurance, and real estate	1,454,909	1,628,429	1,787,575	2,120,102	2,244,474	2,213,978	591,668	673,586	902,364	1,221,673	1,325,492	1,459,097
Banking and credit agencies	573,817	636,223	714,839	761,278	846,447	868,555	186,198*	(D)	(D)	(D)	(D)	389,946
Other finance, insurance, and real estate[9]	881,092	992,206	1,072,736	1,358,824	1,398,027	1,345,423	369,380*	(D)	(D)	(D)	(D)	1,069,151
Services	4,897,139	5,322,981	5,960,123	6,644,497	7,220,215	7,939,984	2,089,196	2,441,211	2,743,044	3,222,241	3,804,876	4,231,876
Hotels and other lodging places	253,285	251,953	269,495	321,928	336,161	344,989	35,148	42,921	48,894	54,866	76,952	92,422
Personal services	149,829	171,175	185,928	207,686	239,382	248,190	71,727	88,141	97,294	99,982	118,471	135,369
Private households	152,900	157,363	160,574	164,269	177,638	190,180	27,211	27,392	27,411	27,445	29,060	30,381
Business services	724,777	789,297	872,507	970,207	1,015,523	1,196,939	864,002	1,076,052	1,176,838	1,421,377	1,677,307	1,814,112
Auto repair, services, and garages	192,975	213,042	224,349	242,487	257,622	281,122	70,967	78,191	87,728	100,283	119,781	124,630
Miscellaneous repair services	83,126	75,232	87,487	90,970	99,721	111,044	44,614	46,075	50,367	53,278	57,323	56,187
Amusement and recreation services	156,293	171,043	188,591	208,202	220,734	238,838	23,900	26,794	34,100	38,991	43,690	45,089
Motion pictures	(D)	21,258	23,081	27,632	28,139	35,443	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,507,871	1,623,920	1,739,641	1,963,552	2,112,927	2,332,490	539,371	589,317	658,641	766,762	896,227	994,019
Legal services	623,880	711,675	828,727	965,231	1,034,425	1,071,696	120,112	139,032	165,670	197,358	234,705	257,387
Educational services	254,194	280,139	300,527	336,741	380,883	414,741	38,891	42,594	45,148	49,975	57,101	64,995
Social services	79,711	90,672	102,579	117,014	132,730	146,849	34,117	39,790	46,211	57,429	66,553	79,148
Museums, botanical, zoological gardens	(D)	1,018	1,138	1,253	1,277	1,378	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	154,731	160,420	170,414	178,915	204,044	224,249	69,686	73,553	82,495	92,948	109,584	119,695
Miscellaneous services	544,949	604,774	805,085	848,410	979,009	1,101,836	143,236	165,523	215,411	253,374	308,288	406,091
Government and government enterprises	2,341,258	2,557,129	2,742,208	3,037,750	3,276,814	3,567,773	1,276,516	1,377,988	1,471,321	1,644,811	1,811,736	1,979,769
Federal, civilian	465,628	506,899	519,019	565,854	632,754	673,329	141,481	156,738	163,680	181,738	200,145	220,838
Military	119,112	145,548	165,010	169,328	167,745	174,213	22,318	24,200	26,797	29,153	29,587	30,056
State and local	1,756,518	1,904,682	2,058,179	2,302,568	2,476,315	2,720,231	1,112,717	1,197,050	1,280,844	1,433,920	1,582,004	1,728,875

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Midland, TX (MSA)						Milwaukee, WI (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,713,309**	**1,876,599**	**1,745,938**	**1,690,570**	**1,812,828**	**1,897,790**	**19,906,687**	**20,862,012**	**21,901,559**	**23,109,580**	**24,785,869**	**26,505,514**
Nonfarm personal income	1,709,146	1,871,984	1,743,488	1,684,513	1,808,490	1,894,745	19,850,845	20,798,445	21,835,659	23,040,556	24,727,549	26,423,480
Farm income[1]	4,163	4,615	2,450	6,057	4,338	3,045	55,842	63,567	65,900	69,024	58,320	82,034
Population (thousands)[2]	106.0	108.5	110.6	107.0	107.3	106.8	1,377.8	1,379.7	1,382.7	1,385.8	1,398.0	1,406.7
Per capita personal income (dollars)	**16,163**	**17,289**	**15,785**	**15,801**	**16,898**	**17,765**	**14,449**	**15,121**	**15,840**	**16,676**	**17,730**	**18,842**
Derivation of total personal income:												
Total earnings by place of work	1,442,111	1,553,282	1,371,506	1,322,082	1,419,883	1,417,690	15,008,083	15,772,307	16,618,606	17,767,682	19,242,008	20,346,312
Less: Personal contributions for social insurance[3]	76,622	87,461	78,511	75,790	83,692	86,243	952,269	1,049,247	1,098,175	1,212,447	1,371,588	1,500,311
Plus: Adjustment for residence	−83,382	−84,425	−78,718	−74,056	−81,512	−70,056	−506,787	−562,484	−607,001	−658,049	−673,617	−722,295
Equals: Net earnings by place of residence	1,282,107	1,381,396	1,214,277	1,172,236	1,254,679	1,261,391	13,549,027	14,160,576	14,913,430	15,897,186	17,196,803	18,123,706
Plus: Dividends, interest, and rent[5]	326,131	380,003	392,461	370,315	405,547	466,555	3,449,543	3,620,325	3,709,772	3,786,603	4,000,523	4,537,794
Plus: Transfer payments	105,071	115,200	139,200	148,019	152,602	169,844	2,908,117	3,081,111	3,278,357	3,425,791	3,588,543	3,844,014
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,147,956	1,226,560	1,097,654	1,048,078	1,128,800	1,113,627	12,699,967	13,361,762	14,072,029	14,977,428	16,236,605	17,133,079
Other labor income	111,974	112,195	102,230	97,560	104,760	103,900	1,316,820	1,320,999	1,395,572	1,453,832	1,567,247	1,666,704
Proprietors' income[6]	182,181	214,527	171,622	176,444	186,323	200,163	991,296	1,089,546	1,151,005	1,336,422	1,438,156	1,546,529
Farm	2,963	3,448	1,310	4,864	3,159	1,866	44,016	51,817	54,356	56,955	46,238	69,884
Nonfarm	179,218	211,079	170,312	171,580	183,164	198,297	947,280	1,037,729	1,096,649	1,279,467	1,391,918	1,476,645
Earnings by industry:												
Farm	4,163	4,615	2,450	6,057	4,338	3,045	55,842	63,567	65,900	69,024	58,320	82,034
Nonfarm	1,437,948	1,548,667	1,369,056	1,316,025	1,415,545	1,414,645	14,952,241	15,708,740	16,552,706	17,698,658	19,183,688	20,264,278
Private	1,320,408	1,421,490	1,237,433	1,177,184	1,261,649	1,243,039	13,181,725	13,841,012	14,606,019	15,665,515	16,998,043	17,967,538
Agricultural services, forestry, fisheries, and other[7]	3,430	2,915	2,689	4,562	5,374	6,175	38,586	40,189	41,809	54,699	60,013	65,704
Agricultural services	3,376	2,746	2,441	4,396	5,172	5,970	37,696	39,288	41,045	53,989	59,273	64,902
Forestry, fisheries, and other[7]	54	169	248	166	202	205	890	901	764	710	740	802
Mining	451,059	496,755	425,866	395,100	433,502	391,667	38,922	51,583	23,632	24,636	32,233	34,602
Coal mining	(L)	(L)	(L)	(L)	113	144	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	450,913	496,628	(D)	394,514	432,693	390,865	(D)	40,316*	12,995*	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	137	117	(D)	582	696	658	(D)	8,041*	9,431*	(D)	(D)	(D)
Construction	91,763	78,507	57,640	45,209	50,566	51,258	646,052	684,979	784,729	864,490	960,093	1,026,385
Manufacturing	102,640	112,011	100,081	85,518	78,388	74,419	4,978,464	5,012,520	5,125,946	5,283,140	5,622,606	5,766,423
Nondurable goods	19,599	18,919	21,831	18,173	11,227	11,241	1,193,333	1,223,511	1,310,625	1,402,631	1,493,866	1,551,283
Food and kindred products	2,300	1,148	1,031	834	(D)	510	414,096	394,669	410,176	425,751	448,491	449,227
Textile mill products	0	0	0	0	0	0	11,605*	10,509*	11,129*	11,349*	10,956*	11,018*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	25,414*	28,064*	28,779*	30,676*	34,090*	40,850*
Paper and allied products	0	0	0	0	0	0	103,128*	100,664*	111,347*	114,649*	126,268*	138,506*
Printing and publishing	6,930	7,287	6,757	5,682	5,956	5,720	330,443*	354,785*	391,154*	428,328*	470,586*	498,232*
Chemicals and allied products	1,765	2,277	3,065	670	1,238	2,739	100,846	114,521	119,545	130,394	129,760	144,173
Petroleum and coal products	6,621	7,289	7,240	7,825	1,393	1,072	4,606	4,136	3,935	5,039	4,291	2,501
Tobacco manufactures	0	0	0	0	0	0	(L)	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	107,316*	120,636	133,175	143,788	154,768	151,962
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	83,041	93,092	78,250	67,345	67,161	63,178	3,785,131	3,789,009	3,815,321	3,880,509	4,128,740	4,215,140
Lumber and wood products	1,321	1,057	(D)	252	215	183	19,089	20,585	23,485	28,900	34,270	33,068
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	27,300*	27,762*	32,796*	36,986*	40,978*	45,747*
Primary metal industries	242	(D)	(D)	0	0	0	237,058	223,780	220,270	220,579	247,026	258,186
Fabricated metal products	4,286	4,716	(D)	1,912	2,329	2,275	595,126	599,510	601,023	598,096	646,642	655,592
Machinery, except electrical	36,802	37,957	22,510	16,017	16,622	15,486	1,367,406	1,356,934	1,389,931	1,439,547	1,542,503	1,563,311
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	910,279	921,973	897,635	902,220	930,843	940,639
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	0	73,802*	49,088*	47,897*	55,353*	66,349*	77,277*
Motor vehicles and equipment	0	0	0	0	0	0	329,420*	337,266*	333,978*	311,830*	278,627*	260,256*
Stone, clay, and glass products	2,870	2,269	3,327	1,946	1,969	1,874	39,470	39,110	47,693	55,707	66,168	69,688
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	89,966*	119,551*	121,804*	133,796*	162,412*	186,660*
Miscellaneous manufacturing industries	3,460	4,227	4,416	4,459	4,772	4,534	68,536	68,971	71,609	77,333	86,292	98,264
Transportation and public utilities	101,522	128,700	77,715	75,256	92,260	90,832	983,765	1,057,648	1,090,127	1,106,418	1,168,122	1,210,119
Railroad transportation	0	0	0	0	0	0	66,018	60,466	51,945	40,702	41,492	42,650
Trucking and warehousing	16,730	14,543	13,085	13,279	13,558	13,964	329,526	340,763	(D)	(D)	(D)	(D)
Water transportation	0	0	0	0	0	0	(D)	(D)	5,671*	5,926*	3,666*	2,730*
Other transportation[8]	15,856	16,416	15,985	16,855	18,768	19,839	(D)	(D)	(D)	(D)	(D)	(D)
Communication	25,176	30,742	32,206	32,367	36,098	34,677	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	43,760	66,999	16,439	12,755	23,836	22,352	184,694*	222,371*	(D)	(D)	(D)	(D)
Wholesale trade	80,967	85,948	75,508	69,717	75,368	105,358	1,089,763	1,138,922	1,170,873	1,268,073	1,404,010	1,542,286
Retail trade	141,556	140,893	128,768	121,939	126,277	122,574	1,221,772	1,296,197	1,380,139	1,462,908	1,603,063	1,730,434
Finance, insurance, and real estate	85,331	88,963	85,941	91,073	83,876	73,062	1,029,103	1,111,692	1,233,263	1,468,283	1,517,711	1,564,813
Banking and credit agencies	42,105	43,699	42,189	33,587	30,406	29,108	323,824*	362,193*	386,947	405,116*	424,601*	441,396*
Other finance, insurance, and real estate[9]	43,226	45,264	43,752	57,486	53,470	43,954	681,228*	725,216*	846,316	1,034,439*	1,066,615*	1,097,323*
Services	262,140	286,798	283,225	288,810	316,038	327,694	3,155,298	3,447,282	3,755,501	4,132,868	4,630,192	5,026,772
Hotels and other lodging places	3,220	4,466	4,317	4,267	3,824	2,734	49,372	50,463	46,167	56,424	63,061	66,753
Personal services	13,608	15,306	15,515	15,176	17,055	18,953	138,094	160,681	170,026	176,903	199,105	221,978
Private households	17,214	17,539	17,741	17,739	18,767	19,764	32,450	32,479	32,302	32,275	34,312	36,047
Business services	83,245	97,686	89,474	83,901	90,515	94,052	618,412	750,856	830,537	938,837	1,088,627	1,206,403
Auto repair, services, and garages	12,598	13,090	13,182	13,438	14,047	14,136	92,049	105,562	113,543	118,321	131,662	145,391
Miscellaneous repair services	7,030	6,890	6,775	6,385	8,195	7,965	44,418	41,040	43,770	44,822	55,826	62,677
Amusement and recreation services	8,337	8,567	7,879	8,129	8,351	8,309	74,728	80,242	80,237	86,033	100,640	105,407
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	8,191*	8,249*	7,924*	8,590*	(D)	12,131*
Health services	33,314	37,249	39,298	49,021	59,087	59,204	1,207,098	1,245,658	1,350,597	1,485,625	1,598,062	1,700,410
Legal services	27,562	30,042	32,547	32,380	34,423	35,819	262,884	293,638	323,288	351,965	403,084	441,838
Educational services	2,240	2,253	2,289	2,948	3,377	3,578	189,526	208,374	228,060	243,359	261,847	286,051
Social services	2,690	3,028	4,110	4,762	5,674	6,490	111,334	122,750	132,822	152,041	172,339	187,499
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	1,752*	2,119*	2,234*	2,461*	2,687*	2,978*
Membership organizations	8,116	8,965	9,482	9,784	10,875	11,401	117,073	118,216	123,783	136,579	154,508	163,759
Miscellaneous services	42,352	40,980	39,752	39,898	40,783	43,972	207,601	226,696	269,965	298,248	352,485	386,974
Government and government enterprises	117,540	127,177	131,623	138,841	153,896	171,606	1,770,516	1,867,728	1,946,687	2,033,143	2,185,645	2,296,740
Federal, civilian	15,877	17,192	16,725	21,744	30,300	35,294	281,368	296,320	292,204	317,373	340,171	362,575
Military	1,720	1,986	2,128	2,306	2,432	2,469	56,212	63,432	67,791	71,457	73,901	75,522
State and local	99,943	107,999	112,770	114,791	121,164	133,843	1,432,936	1,507,976	1,586,692	1,644,313	1,771,573	1,858,643

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Minneapolis—St. Paul, MN—WI (MSA)						Mobile, AL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**34,493,543**	**37,089,059**	**39,501,252**	**42,504,204**	**45,790,341**	**49,233,970**	**4,635,516**	**4,930,746**	**5,293,480**	**5,562,511**	**5,946,694**	**6,380,344**
Nonfarm personal income	34,365,499	36,958,859	39,326,256	42,339,980	45,657,846	49,078,522	4,593,448	4,880,698	5,240,673	5,503,750	5,876,347	6,319,610
Farm income[1]	128,044	130,200	174,996	164,224	132,495	155,448	42,068	50,048	52,807	58,761	70,347	60,734
Population (thousands)[2]	2,227.3	2,261.8	2,296.6	2,334.8	2,387.5	2,434.0	460.4	464.6	478.7	483.8	485.6	491.4
Per capita personal income (dollars)	**15,487**	**16,398**	**17,200**	**18,205**	**19,179**	**20,227**	**10,069**	**10,613**	**11,058**	**11,497**	**12,246**	**12,985**
Derivation of total personal income:												
Total earnings by place of work	27,885,999	30,114,363	32,207,564	34,922,234	37,865,295	40,108,411	3,166,059	3,428,895	3,621,972	3,825,387	4,070,969	4,322,720
Less: Personal contributions for social insurance[3]	1,884,566	2,135,671	2,275,356	2,450,167	2,749,593	3,002,749	195,751	220,515	222,710	231,434	257,021	284,623
Plus: Adjustment for residence	−577,450	−631,483	−647,227	−731,944	−737,265	−709,871	154,430	149,319	174,788	183,264	201,778	203,017
Equals: Net earnings by place of residence	25,423,983	27,347,209	29,284,981	31,740,123	34,378,437	36,395,791	3,124,738	3,357,699	3,574,050	3,777,217	4,015,726	4,241,114
Plus: Dividends, interest, and rent[5]	5,222,024	5,607,318	5,986,667	6,243,485	6,511,426	7,434,268	675,638	680,214	767,297	786,931	867,133	986,587
Plus: Transfer payments	3,847,536	4,134,532	4,229,604	4,520,596	4,900,478	5,403,911	835,140	892,833	952,133	998,363	1,063,835	1,152,643
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	23,647,960	25,566,518	27,259,108	29,535,324	32,075,560	33,901,547	2,580,856	2,793,364	2,908,049	3,056,026	3,232,506	3,438,010
Other labor income	2,372,515	2,493,869	2,702,098	2,820,238	2,999,757	3,222,508	251,002	260,246	274,463	284,637	296,980	319,970
Proprietors' income[6]	1,865,524	2,053,976	2,246,358	2,566,672	2,789,978	2,984,356	334,201	375,285	439,460	484,724	541,483	564,740
Farm	94,688	96,899	142,118	130,110	98,562	121,265	31,101	39,062	41,932	47,231	58,736	48,859
Nonfarm	1,770,836	1,957,077	2,104,240	2,436,562	2,691,416	2,863,091	303,100	336,223	397,528	437,493	482,747	515,881
Earnings by industry:												
Farm	128,044	130,200	174,996	164,224	132,495	155,448	42,068	50,048	52,807	58,761	70,347	60,734
Nonfarm	27,757,955	29,984,163	32,032,568	34,758,010	37,732,800	39,952,963	3,123,991	3,378,847	3,569,165	3,766,626	4,000,622	4,261,986
Private	24,280,491	26,234,034	28,042,124	30,461,383	33,108,217	35,065,250	2,648,190	2,845,481	2,992,431	3,173,554	3,371,502	3,597,071
Agricultural services, forestry, fisheries, and other[7]	75,523	79,371	83,518	109,280	115,749	123,941	30,265	33,759	34,219	30,762	31,310	31,500
Agricultural services	67,501*	(D)	81,379*	106,641*	109,341*	121,174*	8,918	8,691	8,711	12,234	12,195	(D)
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	21,347	25,068	25,508	18,528	19,115	(D)
Mining	82,106	105,970	61,021	55,197	65,111	68,840	30,551	31,159	21,246	18,954	20,356	21,524
Coal mining	191	88*	94*	(L)	161	326	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	62,258*	83,426*	37,047*	35,051*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	2,765	2,608*	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,632,170	1,790,604	2,001,572	2,219,420	2,242,655	2,311,099	249,116	302,922	275,835	268,751	284,150	275,466
Manufacturing	7,542,696	7,978,873	8,277,187	8,697,656	9,577,893	9,770,642	664,961	687,006	716,135	746,557	761,436	820,049
Nondurable goods	2,701,851*	2,867,640*	3,035,689	3,261,765	3,548,702	3,760,392	450,605	467,462	474,635	497,370	504,344	550,217
Food and kindred products	(D)	571,647*	610,087*	638,120*	(D)	(D)	33,583	35,146	38,628	37,982	36,859	37,393
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	26,463*	27,991*	30,878*	18,421	18,952	20,599	21,443	21,737	24,222
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	242,639*	251,020*	240,528*	245,924	244,461	278,097
Printing and publishing	681,057*	735,113*	793,323*	870,706*	931,698*	1,015,451*	20,171	22,598	24,411	25,737	27,234	28,811
Chemicals and allied products	191,827*	201,448*	229,213*	225,745*	283,190*	272,334*	106,490	108,464	117,950	130,239	138,942	146,766
Petroleum and coal products	70,238*	70,319	71,760	83,310	87,111	96,354	13,340	14,255	15,236	18,668	17,324	17,075
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	7,509*	8,360*	7,595*	8,940*	9,442*	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	4,811,178*	5,080,799*	5,241,498	5,435,891	6,029,191	6,010,250	214,356	219,544	241,500	249,187	257,092	269,832
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	38,364	41,215	41,645	42,585	44,464	42,166
Furniture and fixtures	38,965*	(D)	50,088*	54,719*	58,564*	60,124*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	150,556*	133,361*	143,994*	159,890*	179,011*	162,398*	5,232	(D)	8,678*	(D)	(D)	(D)
Fabricated metal products	863,562*	908,472	873,062	893,757*	942,230*	981,051*	21,565*	22,316	20,058	21,169	22,581*	25,323*
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	2,374,907	17,768	18,148	18,086	20,541	22,718	48,657
Electric and electronic equipment	435,057*	472,819*	427,320*	434,520*	497,123*	655,766*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	46,481*	(D)	(D)	73,940	78,009	92,474	85,225	85,528	89,407
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	4,917*	4,096*	4,033*	(D)	(D)	(D)
Stone, clay, and glass products	87,863*	86,806*	88,268*	96,149*	94,604*	98,588*	16,512	10,945	9,680	15,991*	17,469*	18,136*
Instruments and related products	685,355*	716,593*	911,736*	901,980*	894,180*	930,104*	18,092	(D)	9,488	8,515	8,032	(D)
Miscellaneous manufacturing industries	81,448*	89,570*	(D)	94,135*	102,251*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,221,901	2,337,202	2,395,185	2,553,417	2,719,604	2,983,027	261,934	265,669	270,432	279,551	306,829	313,611
Railroad transportation	255,908*	220,192*	228,640	231,650	223,676*	215,848*	39,646	35,155	30,284	24,973	26,685	24,851*
Trucking and warehousing	485,996	493,479	504,281	523,802	549,137	577,368	50,997	52,995	56,944	65,107	74,927	79,767
Water transportation	6,930*	9,806*	8,901*	11,890*	15,208*	13,051*	58,534	59,565	56,231	54,562	63,665	61,490
Other transportation[8]	656,891*	755,324*	783,324*	892,830*	970,575*	1,161,268*	17,986	18,530	20,328	22,505	25,676	(D)
Communication	430,654*	463,357*	457,881*	475,271*	505,243*	528,667*	45,526	46,481	47,968	50,811	53,422	56,030
Electric, gas, and sanitary services	308,554*	317,242*	329,792*	334,253*	350,441*	366,180*	49,245	52,943	58,677	61,593	62,454	62,635
Wholesale trade	2,440,988	2,581,620	2,718,480	2,919,566	3,214,538	3,415,106	219,382	230,138	237,771	247,706	256,595	285,295
Retail trade	2,655,988	2,828,096	2,997,734	3,205,510	3,523,715	3,654,637	370,425	391,201	422,453	437,672	463,838	492,982
Finance, insurance, and real estate	2,025,399	2,261,449	2,579,903	3,029,807	3,109,138	3,199,034	149,916	169,755	177,483	207,164	191,699	192,803
Banking and credit agencies	564,803*	591,133*	693,675*	699,616*	745,330*	(D)	63,130	65,603	66,382	68,839	67,698	68,832
Other finance, insurance, and real estate[9]	1,371,964*	1,501,501*	1,787,986*	2,191,187*	2,230,793*	(D)	86,786	104,152	111,101	138,325	124,001	123,971
Services	5,603,720	6,270,849	6,927,524	7,671,530	8,539,814	9,538,924	671,640	733,872	836,857	936,437	1,055,289	1,163,841
Hotels and other lodging places	(D)	(D)	(D)	(D)	160,022*	174,679*	24,842	26,447	27,396	30,145	32,796	33,137
Personal services	287,230	363,989	407,807	436,291	504,995	571,865	25,156	28,629	31,178	32,077	37,308	40,973
Private households	(D)	43,963	43,866	43,927	46,875	49,378	26,200	26,391	26,390	26,456	27,967	29,287
Business services	1,273,622*	1,481,123	1,655,513	1,881,417	2,112,285	2,371,791	77,690	90,089	101,607	122,996	141,376	158,148
Auto repair, services, and garages	258,228	296,160	316,232	331,568	373,070	396,854	28,442	32,339	34,123	36,244	36,859	37,753
Miscellaneous repair services	100,695	93,916	105,426	109,189	119,915	137,121	15,133*	15,816*	17,574*	18,694*	21,974*	27,205*
Amusement and recreation services	147,154*	165,597*	186,480*	206,177*	250,490*	252,562*	13,081	15,519	14,186	15,282	15,922	17,216
Motion pictures	25,085*	28,982*	32,400*	34,854*	40,500*	47,571*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,635,675	1,792,671	1,936,044	2,164,198	2,368,133	2,689,253	233,812	252,562	283,698	321,413	362,602	385,383
Legal services	502,665	549,775	623,119	681,479	778,334	862,995	65,786	73,716	83,414	93,357	107,798	119,936
Educational services	(D)	219,658	245,845	257,432	(D)	(D)	25,524	27,532	27,967	30,256	31,864	33,986
Social services	260,999*	288,823*	313,852*	339,834*	377,372*	420,489*	15,852	18,183	19,505	21,294	24,706	27,716
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	220,457	231,132	244,568	264,522	292,838	312,404	26,399	25,789	28,994	30,276	32,466	33,403
Miscellaneous services	478,807	525,334	612,599	695,800	768,557	851,488	91,785	98,753	138,513	155,043	177,451	214,890
Government and government enterprises	3,477,464	3,750,129	3,990,444	4,296,627	4,624,583	4,887,713	475,801	533,366	576,734	593,072	629,120	664,915
Federal, civilian	571,561	611,238	617,305	661,134	709,289	754,700	76,851	83,531	85,698	92,274	101,214	106,978
Military	63,864	70,657	80,472	88,728	92,507	95,237	41,493	46,164	51,808	55,741	56,218	57,553
State and local	2,842,039	3,068,234	3,292,667	3,546,765	3,822,787	4,037,776	357,457	403,671	439,228	445,057	471,688	500,384

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Modesto, CA (MSA)						Monmouth—Ocean, NJ (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,442,338**	**3,743,274**	**4,040,186**	**4,400,683**	**4,792,322**	**5,211,839**	**14,673,824**	**16,238,066**	**17,802,557**	**19,581,239**	**21,597,737**	**23,092,064**
Nonfarm personal income	3,290,733	3,547,047	3,808,848	4,143,318	4,519,274	4,968,550	14,647,252	16,209,114	17,774,946	19,549,012	21,564,769	23,058,489
Farm income[1]	151,605	196,227	231,338	257,365	273,048	243,289	26,572	28,952	27,611	32,227	32,968	33,575
Population (thousands)[2]	296.2	304.2	314.7	327.6	341.0	354.8	893.3	912.6	935.6	956.0	969.5	984.5
Per capita personal income (dollars)	**11,621**	**12,304**	**12,839**	**13,431**	**14,052**	**14,689**	**16,426**	**17,792**	**19,028**	**20,482**	**22,278**	**23,456**
Derivation of total personal income:												
Total earnings by place of work	2,223,809	2,432,055	2,639,500	2,942,626	3,200,015	3,450,634	6,166,065	6,913,884	7,734,747	8,857,504	9,679,481	10,215,354
Less: Personal contributions for social insurance[3]	123,554	140,539	153,539	170,814	194,462	221,772	396,002	460,777	544,665	622,061	708,667	777,938
Plus: Adjustment for residence	95,148	107,787	117,565	133,479	139,561	147,188	3,900,537	4,351,507	4,784,967	5,182,254	5,843,060	6,010,674
Equals: Net earnings by place of residence	2,195,403	2,399,303	2,603,526	2,905,291	3,145,114	3,376,050	9,670,600	10,804,614	11,975,049	13,417,697	14,813,874	15,448,090
Plus: Dividends, interest, and rent[5]	599,565	629,034	660,272	672,374	749,169	873,365	2,995,027	3,280,709	3,516,677	3,700,437	4,210,852	4,810,110
Plus: Transfer payments	647,370	714,937	776,388	823,018	898,039	962,424	2,008,197	2,152,743	2,310,831	2,463,105	2,573,011	2,833,864
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,672,288	1,823,015	1,956,894	2,169,701	2,362,084	2,590,311	5,025,019	5,604,433	6,285,343	7,120,776	7,778,440	8,208,004
Other labor income	180,921	187,484	205,035	225,749	245,250	273,634	446,926	471,640	529,020	588,991	640,189	678,110
Proprietors' income[6]	370,600	421,556	477,571	547,176	592,681	586,689	694,120	837,811	920,384	1,147,737	1,260,852	1,329,240
Farm	86,642	126,371	160,591	179,664	186,062	153,884	19,796	22,407	21,305	25,771	26,634	27,346
Nonfarm	283,958	295,185	316,980	367,512	406,619	432,805	674,324	815,404	899,079	1,121,966	1,234,218	1,301,894
Earnings by industry:												
Farm	151,605	196,227	231,338	257,365	273,048	243,289	26,572	28,952	27,611	32,227	32,968	33,575
Nonfarm	2,072,204	2,235,828	2,408,162	2,685,261	2,926,967	3,207,345	6,139,493	6,884,932	7,707,136	8,825,277	9,646,513	10,181,779
Private	1,767,110	1,900,747	2,042,983	2,291,614	2,485,668	2,723,602	4,761,632	5,387,855	6,115,744	7,126,606	7,821,683	8,199,788
Agricultural services, forestry, fisheries, and other[7]	46,907	49,121	45,726	62,903	68,479	77,359	37,928	50,447	58,095	76,435	89,128	90,724
Agricultural services	46,593	48,684	45,417	62,692	67,913	77,077	36,191	43,141	46,781	64,946	74,582	76,066
Forestry, fisheries, and other[7]	314	437	309	211	566	282	1,737	7,306	11,314	11,489	14,546	14,658
Mining	5,038	6,559	3,425	3,295	4,530	5,548	27,050	39,304	15,237	16,556	26,352	28,483
Coal mining	178	208	200	59	75	80	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	4,253	5,729	2,224	2,221	3,534	4,111	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	(L)	(L)	0	0	0
Nonmetallic minerals, except fuels	607	622	1,001	1,015	921	1,357	(D)	(D)	(D)	4,717*	(D)	(D)
Construction	167,987	195,270	219,770	248,650	269,995	310,484	505,721	597,510	736,259	868,267	973,682	947,577
Manufacturing	520,726	542,244	580,396	636,679	674,292	727,734	708,786	756,681	778,807	841,565	852,218	853,937
Nondurable goods	386,329	395,953	414,330	461,123	483,252	522,415	297,134	309,853	332,546	345,970	365,338	371,894
Food and kindred products	317,295	321,000	332,758	372,999	386,793	421,361	28,766*	(D)	33,070	32,664	33,300	32,874
Textile mill products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	502	393	22,292	20,087	18,689	17,915	15,301	17,383
Paper and allied products	43,539	48,388	52,783	54,545	57,530	56,530	8,429*	(D)	(D)	(D)	9,790*	8,138*
Printing and publishing	20,604	22,370	23,326	25,594	28,701	30,140	49,306	58,141	66,690	75,315	86,825	93,501
Chemicals and allied products	2,329	2,018	2,349	3,758	4,463	4,901	129,328	132,294	140,273	138,691	137,973	133,006
Petroleum and coal products	321	100	125	0	0	0	6,999	7,326	7,153	8,299	7,803	7,336
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,150	2,016	2,707	3,577	5,141	8,959	45,108	45,893	50,283	58,906	67,346	(D)
Leather and leather products	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	134,397	146,291	166,066	175,556	191,040	205,319	411,652	446,828	446,261	495,595	486,880	482,043
Lumber and wood products	16,809	17,168	17,760	19,592	21,797	26,758	21,049	24,443	25,897	25,624	23,267	19,560
Furniture and fixtures	3,579	4,633	4,871	5,674	6,786	6,424	(D)	4,177	3,438	4,095	4,388	4,457
Primary metal industries	4,659	(D)	(D)	(D)	(D)	5,207	18,377	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	44,546	48,554	56,874	57,022	65,978	66,824	(D)	(D)	32,547	37,946	39,028	40,149
Machinery, except electrical	19,214	18,461	23,131	26,248	32,632	36,491	92,306	109,949	109,860	120,441	134,222	133,948
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	137,477	140,225	147,075	169,858	137,906	143,024
Transportation equip. excl. motor vehicles	(D)	(D)	258	(D)	(D)	(D)	10,963	14,562	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,232	5,282	5,686	6,209	4,473	3,066	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	44,474	49,974	56,315	60,571	65,144	72,200	76,616	74,076
Instruments and related products	2,123	2,483	3,098	3,599	3,913	4,271	27,495	28,116	19,074	18,384	23,548	24,207
Miscellaneous manufacturing industries	3,450	4,326	3,885	4,182	1,452	1,818	14,363	15,166	14,145	14,541	15,903	14,317
Transportation and public utilities	140,385	142,409	149,126	160,490	170,587	175,947	438,181	474,681	559,079	624,132	661,086	634,317
Railroad transportation	2,574	2,163	1,785	1,506	1,082	611	2,927	1,758	2,349	3,114	3,924	4,606
Trucking and warehousing	79,747	80,742	87,743	93,373	97,194	94,250	58,443	61,237	73,401	81,359	91,555	101,354
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	10,368	12,275	13,525	15,245	14,160	13,061
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	37,763	40,729	50,708	68,662	74,528	82,124
Communication	34,715	32,730	31,174	32,888	33,991	36,018	204,789	222,297	273,276	309,762	321,807	269,841
Electric, gas, and sanitary services	12,244	13,678	13,773	16,455	19,102	20,640	123,891	136,385	145,820	145,990	155,112	163,331
Wholesale trade	93,811	110,299	117,795	135,591	157,515	167,163	260,515	315,280	354,501	414,143	487,202	552,342
Retail trade	263,965	277,269	293,574	324,581	356,183	388,454	816,136	889,238	1,015,222	1,125,919	1,235,619	1,263,323
Finance, insurance, and real estate	74,080	83,070	102,693	123,612	124,255	140,368	259,010	291,004	381,701	554,355	513,280	543,864
Banking and credit agencies	38,360	38,453	45,436	50,174	51,831	55,703	104,013	111,793	134,718	152,618	170,633	181,842
Other finance, insurance, and real estate[9]	35,720	44,617	57,257	73,438	72,424	84,665	154,997	179,211	246,983	401,737	342,647	362,022
Services	454,211	494,506	530,478	595,813	659,832	730,545	1,708,305	1,973,710	2,216,843	2,605,234	2,983,116	3,285,221
Hotels and other lodging places	2,153	2,469	2,467	3,359	3,981	4,188	24,841	25,700	28,177	33,979	39,460	42,249
Personal services	22,315	27,091	29,022	33,727	38,546	44,503	65,278	84,444	92,003	101,974	125,174	136,402
Private households	6,936	7,085	7,212	7,345	7,915	8,469	(D)	(D)	(D)	(D)	(D)	(D)
Business services	71,434	84,806	78,616	89,765	104,013	116,638	567,075	693,731	758,730	907,460	1,033,375	1,155,646
Auto repair, services, and garages	29,393	34,209	36,880	38,971	44,107	46,082	57,039	67,713	81,101	88,284	98,928	105,983
Miscellaneous repair services	18,829	18,594	21,005	22,550	25,465	30,637	28,931	27,880	33,531	38,113	39,943	42,936
Amusement and recreation services	7,394	7,792	8,907	7,972	9,438	10,364	73,129	78,603	77,718	87,508	100,248	103,595
Motion pictures	(D)	(D)	1,051	853	1,241	1,319	(D)	(D)	(D)	(D)	4,334	6,105
Health services	207,444	215,961	236,608	272,083	292,788	318,465	551,606	612,533	692,832	809,333	923,539	1,034,423
Legal services	20,504	21,877	24,155	25,881	28,303	32,266	96,420	106,010	121,552	148,177	166,414	178,578
Educational services	5,098	5,455	5,450	6,239	7,030	7,596	40,648	45,789	48,634	56,853	62,070	66,193
Social services	7,676	9,414	11,826	12,976	12,504	14,274	27,293	30,669	33,903	38,805	47,160	55,196
Museums, botanical, zoological gardens	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	330*	374*
Membership organizations	22,738	24,783	27,252	28,945	32,464	34,935	57,746	61,828	68,812	79,366	91,984	96,724
Miscellaneous services	30,790	33,884	40,027	45,147	52,037	60,809	93,317	113,469	154,095	189,420	226,841	236,447
Government and government enterprises	305,094	335,081	365,179	393,647	441,299	483,743	1,377,861	1,497,077	1,591,392	1,698,671	1,824,830	1,981,991
Federal, civilian	19,976	20,811	21,873	23,835	27,703	27,259	479,582	515,782	524,449	535,866	558,701	602,421
Military	5,264	6,206	6,758	7,208	7,558	7,876	123,533	130,695	135,690	142,463	140,559	140,446
State and local	279,854	308,064	336,548	362,604	406,038	448,608	774,746	850,600	931,253	1,020,342	1,125,570	1,239,124

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Monroe, LA (MSA)						Montgomery, AL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,475,142**	**1,572,975**	**1,634,755**	**1,658,887**	**1,750,537**	**1,839,256**	**3,177,275**	**3,421,114**	**3,665,421**	**3,920,133**	**4,234,445**	**4,514,186**
Nonfarm personal income	1,466,513	1,567,602	1,627,764	1,649,646	1,737,908	1,827,878	3,152,905	3,396,673	3,643,951	3,889,936	4,195,678	4,485,584
Farm income[1]	8,629	5,373	6,991	9,241	12,629	11,378	24,370	24,441	21,470	30,197	38,767	28,602
Population (thousands)[2]	143.7	144.3	146.0	144.9	144.0	143.9	290.3	295.3	293.8	298.4	300.8	301.7
Per capita personal income (dollars)	**10,262**	**10,903**	**11,199**	**11,450**	**12,158**	**12,783**	**10,945**	**11,586**	**12,475**	**13,139**	**14,080**	**14,962**
Derivation of total personal income:												
Total earnings by place of work	1,111,739	1,174,047	1,210,513	1,240,871	1,310,037	1,366,824	2,371,032	2,565,775	2,773,628	2,983,663	3,203,966	3,335,873
Less: Personal contributions for social insurance[3]	61,273	68,326	75,739	79,774	87,292	94,835	140,101	156,359	163,868	174,049	194,852	209,650
Plus: Adjustment for residence	−32,395	−40,545	−47,209	−49,868	−53,970	−56,799	−47,028	−59,858	−65,203	−68,267	−59,854	−39,119
Equals: Net earnings by place of residence	1,018,071	1,065,176	1,087,565	1,111,229	1,168,775	1,215,190	2,183,903	2,349,558	2,544,557	2,741,347	2,949,260	3,087,104
Plus: Dividends, interest, and rent[5]	220,428	243,676	253,393	245,891	257,434	291,975	438,876	475,583	495,091	521,797	576,214	657,823
Plus: Transfer payments	236,643	264,123	293,797	301,767	324,328	332,091	554,496	595,973	625,773	656,989	708,971	769,259
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	903,312	959,188	982,959	999,598	1,047,922	1,089,998	2,000,389	2,180,183	2,340,796	2,498,031	2,669,873	2,779,865
Other labor income	92,707	95,497	99,398	101,210	105,562	111,535	169,214	177,421	195,908	207,290	224,546	237,401
Proprietors' income[6]	115,720	119,362	128,156	140,063	156,553	165,291	201,429	208,171	236,924	278,342	309,547	318,607
Farm	7,177	3,942	5,581	7,768	11,158	9,899	18,550	18,564	15,581	23,920	32,412	22,050
Nonfarm	108,543	115,420	122,575	132,295	145,395	155,392	182,879	189,607	221,343	254,422	277,135	296,557
Earnings by industry:												
Farm	8,629	5,373	6,991	9,241	12,629	11,378	24,370	24,441	21,470	30,197	38,767	28,602
Nonfarm	1,103,110	1,168,674	1,203,522	1,231,630	1,297,408	1,355,446	2,346,662	2,541,334	2,752,158	2,953,466	3,165,199	3,307,271
Private	938,720	993,790	1,026,728	1,050,140	1,106,398	1,155,170	1,645,469	1,768,802	1,946,354	2,097,665	2,271,594	2,356,989
Agricultural services, forestry, fisheries, and other[7]	5,017	4,991	5,026	5,721	5,551	5,908	9,399	9,134	9,216	11,485	11,801	12,788
Agricultural services	2,382	2,204	2,070	2,835	2,812	(D)	6,805	7,276	8,097	10,419	(D)	(D)
Forestry, fisheries, and other[7]	2,635	2,787	2,956	2,886	2,739	(D)	2,594	1,858	1,119	1,066	(D)	(D)
Mining	21,336	20,681	14,170	11,932	14,594	14,797	5,356*	7,959*	4,734	4,740	5,938	5,879
Coal mining	101	113	120	68	79	82	(L)	(L)	(L)	0	0	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	14,715	3,441*	5,237*	1,407*	1,611*	2,767	2,780*
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	2,860*	3,171	2,800*
Construction	78,181	81,732	78,809	68,723	63,480	66,620	158,155	188,464	219,886	195,741	222,395	194,496
Manufacturing	201,856	216,954	229,137	224,359	242,293	249,938	343,261	356,056	385,384	417,363	446,900	451,103
Nondurable goods	145,087	152,770	159,314	160,098	170,168	179,818	136,813	145,225	157,903	165,761	171,453	162,002
Food and kindred products	16,699	15,873	15,024	15,910	16,505	(D)	40,586*	45,609*	48,906*	52,494*	52,067*	54,247*
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	83,822	87,493	93,780	95,585	104,959	109,095	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	9,961	11,080	10,600	11,953	11,592	12,083	21,353	23,460	25,887	28,922	31,630	28,198
Chemicals and allied products	26,150	29,048	27,331	22,318	21,940	23,629	2,779*	3,144*	3,013*	2,993*	3,024*	2,094*
Petroleum and coal products	(D)	(D)	0	0	0	0	1,795	2,011	2,537	2,149	1,897	117
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	6,883	7,471	10,238	11,856	12,364	14,848	8,893*	9,111*	10,262*	11,217*	11,977*	(D)
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	0
Durable goods	56,769	64,184	69,823	64,261	72,125	70,120	206,448	210,831	227,481	251,602	275,447	289,101
Lumber and wood products	3,343	2,987	4,020	3,762	3,496	3,136	16,890	17,579	19,472	20,789	21,897	21,000
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	5,613*	5,687*	5,868*	6,268*	6,548*	6,837*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	8,068	9,675	9,487	11,646	14,969	15,820*
Fabricated metal products	6,549	7,649	6,463	4,832	5,693	10,443	25,180*	22,947*	25,766	28,523*	29,647	43,863
Machinery, except electrical	11,931	11,158	12,649	13,484	16,625	12,438	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	262	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,797	3,956	3,381	3,102	2,305	2,870	24,501*	27,636*	30,186*	31,603*	33,864*	31,533*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	340	302	176	184	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	82,113	85,406	81,487	91,556	94,093	94,027	124,513	128,558	137,561	143,809	156,147	169,122
Railroad transportation	8,309	8,319	6,813	5,332	5,509	6,093	17,223*	15,607*	15,330*	14,855	19,735	23,055
Trucking and warehousing	14,850	15,728	16,284	20,068	22,082	25,289	30,891	31,638	33,686	34,728	39,682	44,766
Water transportation	(L)	(L)	(L)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,614	4,300	4,809	4,372	4,919	5,809	(D)	(D)	(D)	(D)	(D)	(D)
Communication	23,896	24,505	24,972	29,218	28,588	24,557	37,327	36,795	40,742	43,815	45,216	47,009
Electric, gas, and sanitary services	31,445	32,555	28,610	32,566	32,995	32,279	25,727	29,870	33,032	36,362	37,514	39,512
Wholesale trade	89,639	90,415	89,338	92,360	98,649	98,400	159,772*	168,986*	178,317	190,840	203,900	214,091
Retail trade	136,955	149,294	149,875	137,564	140,032	143,420	238,647	249,114	271,281	286,557	306,907	319,190
Finance, insurance, and real estate	73,865	81,643	93,423	101,306	100,249	103,468	147,821	159,445	179,956	211,805	215,190	219,364
Banking and credit agencies	31,847	35,519	45,099	45,942	42,979	40,307	(D)	47,860*	59,318*	63,234*	66,529*	(D)
Other finance, insurance, and real estate[9]	42,018	46,124	48,324	55,364	57,270	63,161	93,504*	106,176*	114,550*	140,390*	140,611*	(D)
Services	249,758	262,674	285,463	316,619	347,457	378,592	455,524	497,827	560,019	635,325	702,416	770,956
Hotels and other lodging places	4,244	4,583	4,366	4,395	5,409	5,104	11,438*	11,679*	11,038*	(D)	(D)	(D)
Personal services	11,451	13,499	14,206	14,537	16,098	17,559	21,582	25,536	28,045	(D)	(D)	32,655*
Private households	9,711	9,761	9,722	9,561	9,968	10,334	20,825	20,972	20,974	19,657*	22,225	23,271
Business services	31,452	32,062	35,283	40,460	42,679	45,724	41,849	50,897	63,202	72,944	83,634	92,528
Auto repair, services, and garages	10,081	10,763	12,049	11,895	12,289	12,836	26,220	33,859	38,443	36,603	27,182	28,794
Miscellaneous repair services	5,242	3,883	4,487	4,983	5,628	6,137	8,057	8,441	8,687	9,674	11,061	11,900
Amusement and recreation services	(D)	(D)	2,270	2,418	2,442	2,458	4,428*	4,948*	5,902*	9,374	10,943	15,965
Motion pictures	(D)	(D)	493	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	107,947	111,460	120,066	143,762	158,646	173,031	170,941	180,729	191,658	224,726	251,087	273,477
Legal services	19,258	20,590	24,377	25,050	27,345	28,860	30,774	34,644	38,202	44,667	54,459	58,445
Educational services	3,432	3,622	3,808	5,017	4,436	5,096	13,858	14,876	15,476	17,657	20,176	22,655
Social services	6,188	6,759	8,084	4,872	5,034	5,677	17,089	19,052	20,423	20,229	25,747	30,340
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,855	8,655	9,120	10,371	11,655	11,572	26,154	27,728	29,100	32,556	35,364	37,226
Miscellaneous services	28,904	34,072	37,132	38,712	45,198	53,540	60,620	62,785	87,176	100,796	108,831*	124,634
Government and government enterprises	164,390	174,884	176,794	181,490	191,010	200,276	701,193	772,532	805,804	855,801	893,605	950,282
Federal, civilian	14,570	16,315	15,979	16,899	18,446	19,587	158,583	168,735	166,707	181,922	191,811	198,339
Military	3,531	4,012	4,249	4,899	5,163	5,183	152,018	160,041	164,811	176,361	180,698	181,530
State and local	146,289	154,557	156,566	159,692	167,401	175,506	390,592	443,756	474,286	497,518	521,096	570,413

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Muncie, IN (MSA)						Muskegon, MI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,360,853**	**1,411,746**	**1,488,348**	**1,553,934**	**1,659,572**	**1,768,275**	**1,733,977**	**1,819,998**	**1,908,341**	**2,007,425**	**2,117,273**	**2,257,683**
Nonfarm personal income	1,350,297	1,404,819	1,478,385	1,542,317	1,652,919	1,757,055	1,723,504	1,808,375	1,896,387	1,994,827	2,105,054	2,242,383
Farm income[1]	10,556	6,927	9,963	11,617	6,653	11,220	10,473	11,623	11,954	12,598	12,219	15,300
Population (thousands)[2]	123.6	122.2	120.4	120.6	120.1	119.7	155.5	156.9	158.5	159.8	161.3	162.5
Per capita personal income (dollars)	**11,006**	**11,555**	**12,364**	**12,890**	**13,818**	**14,770**	**11,154**	**11,602**	**12,043**	**12,566**	**13,125**	**13,895**
Derivation of total personal income:												
Total earnings by place of work	976,555	1,010,645	1,072,621	1,140,235	1,214,097	1,276,293	1,246,132	1,322,154	1,370,243	1,402,060	1,469,719	1,545,544
Less: Personal contributions for social insurance[3]	52,883	58,059	61,817	64,056	71,569	78,165	78,190	87,326	88,372	94,541	103,007	112,455
Plus: Adjustment for residence	4,834	8,104	2,664	−5,211	422	1,886	−19,638	−27,319	−24,935	−5,907	−1,944	−1,237
Equals: Net earnings by place of residence	928,506	960,690	1,013,468	1,070,968	1,142,950	1,200,014	1,148,304	1,207,509	1,256,936	1,301,612	1,364,768	1,431,852
Plus: Dividends, interest, and rent[5]	220,255	231,706	236,910	235,584	250,822	287,419	235,798	243,629	255,027	285,677	308,808	353,168
Plus: Transfer payments	212,092	219,350	237,970	247,382	265,800	280,842	349,875	368,860	396,378	420,136	443,697	472,663
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	795,770	829,409	878,722	929,360	990,540	1,033,139	1,030,003	1,096,232	1,136,112	1,156,285	1,209,160	1,269,256
Other labor income	95,608	93,118	99,054	101,749	107,151	113,003	121,693	121,901	125,794	123,380	126,692	133,569
Proprietors' income[6]	85,177	88,118	94,845	109,126	116,406	130,151	94,436	104,021	108,337	122,395	133,867	142,719
Farm	8,865	5,309	8,409	10,047	5,140	9,761	7,417	8,556	8,910	9,373	8,978	11,976
Nonfarm	76,312	82,809	86,436	99,079	111,266	120,390	87,019	95,465	99,427	113,022	124,889	130,743
Earnings by industry:												
Farm	10,556	6,927	9,963	11,617	6,653	11,220	10,473	11,623	11,954	12,598	12,219	15,300
Nonfarm	965,999	1,003,718	1,062,658	1,128,618	1,207,444	1,265,073	1,235,659	1,310,531	1,358,289	1,389,462	1,457,500	1,530,244
Private	811,340	840,794	887,731	942,358	1,007,989	1,053,883	1,084,426	1,143,783	1,184,091	1,201,748	1,256,624	1,314,422
Agricultural services, forestry, fisheries, and other[7]	2,817	3,506	3,652	4,377	4,398	5,363	1,730	1,784	1,621	2,464	2,544	2,887
Agricultural services	2,787	3,486	3,646	4,370	4,395	5,362	1,459	1,590	1,533	2,353	2,434	2,612
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	271	194	88	111	110	275
Mining	1,924	2,670	2,033	2,155	2,611	2,472	5,571	6,100	4,440	4,138	4,636	5,132
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	730	1,062	(D)	3,652	4,327	2,645	(D)	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	1,405	1,524	(D)	1,919	1,773	1,795	(D)	(D)	(D)
Construction	36,114	39,551	46,026	54,447	57,339	59,732	51,997	66,863	69,840	70,054	81,274	84,600
Manufacturing	364,218	362,801	372,763	376,881	399,386	409,328	556,247	568,813	578,224	564,830	574,915	585,502
Nondurable goods	36,300	38,905	39,683	42,812	44,540	45,926	78,550	82,952	90,562	88,970	98,025	107,397
Food and kindred products	11,783	13,154	12,659	12,996	11,923	11,102	2,813	2,665	3,016	3,394	3,838	8,048
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	106	141	154	(D)	(D)	(D)	645	(D)	1,500
Paper and allied products	7,616	7,842	8,096	8,930	9,879	11,709	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	15,519	16,226	16,917	18,713	19,237	18,842	7,127	8,666	9,416	9,843	12,454	13,222
Chemicals and allied products	220	269	285	(D)	(D)	(D)	18,376	18,415	22,984	20,483	21,875	24,640
Petroleum and coal products	(D)	0	0	0	0	(D)	1,571	1,290	1,431	1,483	1,685	1,684
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,050	1,311	1,632	1,762	3,085	3,795	3,594	4,037	4,244	4,831	4,108	5,070
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	327,918	323,896	333,080	334,069	354,846	363,402	477,697	485,861	487,662	475,860	476,890	478,105
Lumber and wood products	(D)	(D)	(D)	(D)	2,654	2,593	1,217	1,626	1,723	2,132	3,405	2,593
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	28,831	29,714	30,016	35,574	35,466	38,939
Primary metal industries	26,146	21,550	19,329	20,171	22,919	22,335	79,273	72,482	63,944	53,441	57,933	61,884
Fabricated metal products	44,676	44,346	48,750	49,251	56,234	54,793	24,432	24,913	27,902	28,005	34,608	35,595
Machinery, except electrical	27,249	30,475	26,463	28,767	31,474	34,449	212,970	211,758	193,561	186,002	180,364	174,424
Electric and electronic equipment	41,871	41,749	40,312	43,740	52,696	58,371	4,871	5,369	9,686	8,772	5,826	6,556
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	168,679	163,999	172,930	165,271	160,428	(D)	14,282	15,791	17,803	14,412	16,246	18,007
Stone, clay, and glass products	(D)	(D)	(D)	(D)	26,768	28,503	837	(D)	836	1,572	1,670	1,690
Instruments and related products	0	0	0	0	0	0	357	355	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	417	453	680	811	911	(D)	(D)	(D)	27,065	29,048	27,192
Transportation and public utilities	52,402	57,211	60,493	61,549	64,038	68,540	77,504	79,087	76,058	78,453	82,375	82,642
Railroad transportation	6,346	5,150	4,789	4,509	4,906	5,322	2,070	1,700	1,600	1,608	1,735	1,623
Trucking and warehousing	20,329	24,515	27,228	29,901	29,973	32,690	18,287	17,528	17,529	18,637	17,853	17,819
Water transportation	0	0	0	0	0	0	1,248	1,261	1,686	1,295	1,413	2,221
Other transportation[8]	4,471	5,097	5,883	5,790	6,479	7,303	(D)	(D)	(D)	3,021	3,745	3,505
Communication	9,953	10,121	10,249	9,193	8,674	9,108	(D)	(D)	(D)	36,755	39,566	37,879
Electric, gas, and sanitary services	11,303	12,328	12,344	12,156	14,006	14,117	19,584	19,582	18,613	17,137	18,063	19,595
Wholesale trade	34,271	36,194	38,219	41,438	45,077	45,400	43,975	48,871	51,574	50,402	51,529	58,696
Retail trade	110,001	114,088	122,366	131,829	138,267	141,919	117,126	121,442	129,170	135,009	149,103	154,451
Finance, insurance, and real estate	26,566	27,676	29,003	38,237	36,781	36,881	24,137	25,439	27,708	36,543	32,125	33,521
Banking and credit agencies	16,431	17,378	18,276	18,405	19,575	20,692	13,226	13,744	14,348	14,866	15,574	16,201
Other finance, insurance, and real estate[9]	10,135	10,298	10,727	19,832	17,206	16,189	10,911	11,695	13,360	21,677	16,551	17,320
Services	183,027	197,097	213,176	231,445	260,092	284,248	206,139	225,384	245,456	259,855	278,123	306,991
Hotels and other lodging places	2,167	1,971	1,961	2,928	3,226	3,185	3,325	2,924	2,604	3,464	3,445	10,048
Personal services	14,056	16,250	17,523	19,674	22,521	23,955	8,714	11,434	12,935	13,443	15,372	17,626
Private households	2,878	2,880	2,866	2,866	3,023	3,169	3,356	3,363	3,363	3,371	3,548	3,712
Business services	19,814	21,747	25,375	28,650	33,594	36,139	24,499	29,392	33,163	30,454	31,559	32,301
Auto repair, services, and garages	10,031	11,640	12,300	13,035	14,093	14,861	9,646	10,801	11,882	12,265	13,109	13,711
Miscellaneous repair services	2,988	2,430	2,669	2,665	3,202	3,384	4,684	5,830	4,544	4,367	5,182	5,882
Amusement and recreation services	2,466	2,753	3,614	3,392	4,055	4,130	3,112	4,019	4,659	5,101	5,483	6,334
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	91,353	96,443	100,192	106,677	117,868	133,049	98,532	103,535	110,975	121,953	128,362	139,981
Legal services	7,162	8,652	9,767	10,141	11,331	12,683	13,883	13,766	15,346	15,455	17,337	19,369
Educational services	1,270	1,300	1,303	1,349	1,459	1,625	4,050	4,450	4,837	4,887	5,198	5,558
Social services	6,301	7,065	7,772	8,396	8,551	8,903	4,774	5,386	6,690	7,618	7,538	9,224
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,636	8,635	8,954	9,547	10,320	10,721	12,648	13,020	12,959	14,398	15,545	16,599
Miscellaneous services	13,398	14,795	18,329	21,606	26,341	27,456	13,996	16,345	20,448	21,923	25,282	25,342
Government and government enterprises	154,659	162,924	174,927	186,260	199,455	211,190	151,233	166,748	174,198	187,714	200,876	215,822
Federal, civilian	11,571	12,277	12,546	13,421	14,440	15,433	10,457	11,356	11,353	12,040	13,196	13,661
Military	3,267	3,623	4,147	4,191	4,407	4,537	3,006	3,129	3,348	3,888	3,932	2,522
State and local	139,821	147,024	158,234	168,648	180,608	191,220	137,770	152,263	159,497	171,786	183,748	199,639

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Naples, FL (MSA)						Nashville, TN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,787,926**	**2,028,195**	**2,281,626**	**2,686,450**	**2,978,988**	**3,412,954**	**11,092,052**	**12,187,266**	**13,414,455**	**14,746,954**	**15,947,316**	**17,012,617**
Nonfarm personal income	1,729,448	1,973,656	2,223,093	2,621,321	2,913,934	3,333,168	10,989,639	12,116,981	13,360,802	14,676,336	15,863,038	16,935,814
Farm income[1]	58,478	54,539	58,533	65,129	65,054	79,786	102,413	70,285	53,653	70,618	84,278	76,803
Population (thousands)[2]	111.4	117.1	123.6	130.7	138.5	146.3	895.1	911.0	932.4	957.7	971.8	992.9
Per capita personal income (dollars)	**16,043**	**17,318**	**18,465**	**20,547**	**21,504**	**23,322**	**12,392**	**13,378**	**14,388**	**15,398**	**16,410**	**17,134**
Derivation of total personal income:												
Total earnings by place of work	833,823	938,397	1,064,801	1,311,972	1,469,939	1,666,727	8,923,253	9,873,842	10,856,814	12,054,465	12,900,265	13,568,977
Less: Personal contributions for social insurance[3]	43,931	52,975	60,882	71,292	84,095	99,395	522,429	609,907	670,467	708,151	781,566	851,295
Plus: Adjustment for residence	−14,279	−22,486	−24,975	−27,140	−38,329	−47,625	−204,368	−227,624	−246,769	−308,256	−272,045	−227,153
Equals: Net earnings by place of residence	775,613	862,936	978,944	1,213,540	1,347,515	1,519,707	8,196,456	9,036,311	9,939,578	11,038,058	11,846,654	12,490,529
Plus: Dividends, interest, and rent[4]	774,148	898,823	1,009,112	1,148,763	1,275,250	1,502,527	1,538,301	1,680,254	1,818,922	1,944,600	2,193,139	2,524,504
Plus: Transfer payments	238,165	266,436	293,570	324,147	356,223	390,720	1,357,295	1,470,701	1,655,955	1,764,296	1,907,523	1,997,584
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	606,474	687,258	783,549	936,459	1,093,549	1,254,136	7,266,774	8,086,997	8,871,423	9,779,765	10,412,546	10,908,145
Other labor income	53,336	58,659	68,023	79,893	92,636	106,903	707,390	750,712	832,857	909,187	953,847	1,010,565
Proprietors' income[6]	174,013	192,480	213,229	295,620	283,754	305,688	949,089	1,036,133	1,152,534	1,365,513	1,533,872	1,650,267
Farm	49,229	45,266	49,213	55,186	54,958	69,401	89,738	57,709	41,064	57,305	70,847	63,016
Nonfarm	124,784	147,214	164,016	240,434	228,796	236,287	859,351	978,424	1,111,470	1,308,208	1,463,025	1,587,251
Earnings by industry:												
Farm	58,478	54,539	58,533	65,129	65,054	79,786	102,413	70,285	53,653	70,618	84,278	76,803
Nonfarm	775,345	883,858	1,006,268	1,246,843	1,404,885	1,586,941	8,820,840	9,803,557	10,803,161	11,983,847	12,815,987	13,492,174
Private	695,318	792,185	903,548	1,129,018	1,268,569	1,428,917	7,742,273	8,607,741	9,525,874	10,588,542	11,267,137	11,852,327
Agricultural services, forestry, fisheries, and other[7]	23,625	22,470	25,453	32,998	44,812	51,108	30,201	32,216	34,216	45,984*	48,017*	52,006
Agricultural services	22,886	20,874	23,512	31,542	42,912	49,231	27,203*	31,063	32,786	45,147*	47,160*	50,970
Forestry, fisheries, and other[7]	739	1,596	1,941	1,456	1,900	1,877	781*	1,153	1,430	874	1,020	1,036
Mining	13,018	22,201	7,803	7,920	14,799	15,797	30,498	40,674	23,329	24,534*	36,859*	42,307
Coal mining	(D)	(D)	(D)	(L)	(L)	(L)	1,371	1,366	1,278	826*	943*	1,313*
Oil and gas extraction	12,673	21,790	7,486	7,728	(D)	13,155	(D)	(D)	(D)	(D)	10,923*	(D)
Metal mining	0	(D)	0	0	0	0	−746	−383	−62	2,905*	3,080*	3,434
Nonmetallic minerals, except fuels	(D)	(D)	(D)	189	(D)	2,638	(D)	(D)	(D)	(D)	(D)	(D)
Construction	117,679	139,557	150,926	167,438	207,283	236,504	655,437	753,353	879,733	942,332	940,527	924,706
Manufacturing	32,368	37,311	37,036	46,320	51,175	60,190	1,977,466	2,146,186	2,267,859	2,425,992	2,485,332	2,566,570
Nondurable goods	9,275	11,364	13,421	17,983	19,840	21,907	809,445*	811,619*	839,317*	911,168*	955,936	993,410
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	169,007*	174,513*	189,474*	191,144*	202,138*	193,947*
Textile mill products	0	0	0	0	0	(D)	(D)	(D)	27,782*	(D)	(D)	46,253*
Apparel and other textile products	(D)	(D)	115	237	181	339	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	7,886	9,489	11,293	13,813	14,833	18,139	(D)	(D)	(D)	241,384*	267,557*	293,817*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	107,102*	105,041*	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	(D)	1,216	1,342	2,700	7,466*	7,717*
Tobacco manufactures	0	0	0	0	0	0	(D)	(D)	2,401	(D)	(D)	13,138
Rubber and misc. plastic products	894	1,084	1,413	3,208	4,437	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	23,093	25,947	23,615	28,337	31,335	38,283	1,128,027*	1,294,852*	1,389,611*	1,475,484*	1,529,396	1,573,160
Lumber and wood products	1,053	1,148	1,324	1,373	1,770	1,656	(D)	(D)	(D)	(D)	(D)	66,062
Furniture and fixtures	826	972	1,028	970	1,061	1,528	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	2,284	29,219	23,694*	(D)	32,179*	37,634*	31,606*
Fabricated metal products	3,695	3,798	4,925	5,177	6,435	1,576	144,094*	147,855*	165,732*	169,881*	184,152*	202,567*
Machinery, except electrical	8,803	9,809	5,553	6,940	7,250	9,053	102,561*	149,013*	144,102*	152,206*	186,519	210,189*
Electric and electronic equipment	(D)	(D)	(D)	1,151	803	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	524	531	689	1,082	8,022	(D)	(D)	(D)	(D)	(D)	143,864*
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	7,391	7,841	7,858	9,221	9,255	10,021	120,305*	133,582*	146,125*	154,152*	173,972*	188,373*
Instruments and related products	(D)	155	(D)	(D)	(D)	2,182	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	535	748	920	(D)	995	1,188	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	36,311	39,142	49,602	56,507	61,636	61,659	703,355	740,880	785,061	891,037	927,708	963,013
Railroad transportation	0	0	151	261	173	(L)	57,009	52,482	47,721	44,698	49,760	48,253
Trucking and warehousing	(D)	(D)	(D)	12,353	15,509	15,789	320,430*	338,880*	365,701*	405,104	402,085	390,422
Water transportation	1,546	1,666	2,303	3,264	3,487	(D)	8,904*	(D)	(D)	(D)	12,839*	(D)
Other transportation[8]	(D)	(D)	(D)	15,343	16,318	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	13,166	12,768	13,700	17,541	17,985	18,551	207,560*	223,310*	222,695*	260,584*	268,983*	286,999*
Electric, gas, and sanitary services	5,719	7,432	11,765	7,745	8,164	12,400	(D)	(D)	51,851	62,840*	65,174*	70,801*
Wholesale trade	28,401	33,135	39,096	49,925	56,375	66,762	665,173	731,008	800,789	894,412	961,480	1,023,908
Retail trade	124,339	141,594	162,647	184,529	214,278	240,649	1,011,041	1,124,548	1,214,718	1,323,002	1,431,228	1,480,881
Finance, insurance, and real estate	64,054	62,783	68,441	147,685	120,593	125,506	597,866	680,453	789,167	961,790	974,122	995,232
Banking and credit agencies	27,527	28,996	32,992	36,498	41,651	(D)	(D)	(D)	203,296*	247,240*	271,852*	(D)
Other finance, insurance, and real estate[9]	36,527	33,787	35,449	111,187	78,942	(D)	(D)	(D)	579,016*	704,051*	699,977*	(D)
Services	255,523	293,992	362,544	435,696	497,618	570,742	2,071,236	2,358,423	2,731,002	3,076,467	3,457,660	3,803,704
Hotels and other lodging places	28,395	30,775	45,087	63,342	66,477	74,082	76,251*	91,293*	97,838*	110,434	124,177	131,828
Personal services	8,690	11,822	13,612	15,213	18,578	21,315	97,895	122,341	135,043	142,914	167,510	185,190
Private households	8,826	9,087	9,273	9,485	10,259	10,983	47,003	46,433*	46,493*	47,691	50,613	53,264
Business services	32,378	36,985	45,018	55,478	62,095	77,795	320,712	396,218	500,417	562,822	619,980	706,892
Auto repair, services, and garages	7,752	9,324	9,467	10,152	12,816	15,284	81,880	96,610	106,851	117,471	132,183	147,386
Miscellaneous repair services	4,723	3,927	4,875	5,821	5,454	6,221	35,531	35,506	42,253	45,849	54,254	56,887
Amusement and recreation services	15,817	17,053	21,179	25,907	30,712	34,542	82,026*	94,601*	113,787*	133,081	158,797	174,751
Motion pictures	(D)	(D)	268	(D)	991	881	12,114*	11,940*	10,829*	(D)	12,953*	15,130*
Health services	71,495	82,546	91,474	109,496	125,464	140,574	768,873	863,893	975,994	1,140,868	1,298,994	1,414,955
Legal services	14,931	16,956	21,351	25,251	29,253	32,490	116,223	124,194	148,770	161,513	182,848	204,134
Educational services	(D)	(D)	2,201	(D)	2,960	3,521	153,161	167,967	182,352	200,100	223,047	235,398
Social services	2,338	4,921	6,629	8,111	10,050	11,469	32,050	35,203	40,771*	45,381	49,811	60,837
Museums, botanical, zoological gardens	0	0	0	0	0	0	1,177*	1,782*	2,131*	2,434*	2,877*	3,200*
Membership organizations	12,532	14,398	15,855	18,292	22,519	25,594	67,992	70,481	78,356	86,376	95,072	101,636
Miscellaneous services	45,201	53,585	76,255	86,207	99,990	115,991	176,627*	197,327	246,078	266,869	283,044	310,583
Government and government enterprises	80,027	91,673	102,720	117,825	136,316	158,024	1,078,567	1,195,816	1,277,287	1,395,305	1,548,850	1,639,847
Federal, civilian	8,198	9,752	10,260	12,653	14,753	16,080	258,567	287,085	286,959	312,501	360,218	371,835
Military	1,206	1,403	1,527	1,684	1,811	1,917	30,276	32,946	35,650	39,757	40,685	43,089
State and local	70,623	80,518	90,933	103,488	119,752	140,027	789,724	875,785	954,678	1,043,047	1,147,947	1,224,923

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Nassau—Suffolk, NY (PMSA)						New Bedford—Fall River—Attleboro, MA (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**46,340,507**	**49,840,926**	**53,481,627**	**58,188,545**	**63,536,408**	**67,655,705**	**6,048,591**	**6,527,933**	**7,115,088**	**7,800,553**	**8,541,235**	**9,116,687**
Nonfarm personal income	46,261,539	49,763,073	53,397,913	58,104,385	63,451,315	67,566,710	6,027,364	6,508,904	7,089,302	7,776,724	8,515,903	9,091,663
Farm income[1]	78,968	77,853	83,714	84,160	85,093	88,995	21,227	19,029	25,786	23,829	25,332	25,024
Population (thousands)[2]	2,631.4	2,629.6	2,629.2	2,628.3	2,639.0	2,639.9	476.0	480.5	474.8	477.3	483.0	483.8
Per capita personal income (dollars)	**17,610**	**18,954**	**20,341**	**22,140**	**24,076**	**25,628**	**12,706**	**13,586**	**14,984**	**16,342**	**17,684**	**18,845**
Derivation of total personal income:												
Total earnings by place of work	24,970,110	27,535,790	30,159,698	33,198,199	35,845,427	37,685,455	3,522,232	3,823,064	4,144,447	4,512,143	4,988,183	5,255,676
Less: Personal contributions for social insurance[3]	1,565,271	1,808,500	2,067,253	2,260,876	2,523,724	2,734,782	202,736	230,444	259,307	269,548	311,103	342,347
Plus: Adjustment for residence	8,543,494	9,043,214	9,626,780	10,476,687	11,638,341	11,690,965	821,585	913,551	1,050,360	1,271,089	1,354,006	1,364,677
Equals: Net earnings by place of residence	31,948,333	34,770,504	37,719,225	41,414,010	44,960,044	46,641,638	4,141,081	4,506,171	4,935,500	5,513,684	6,031,086	6,278,006
Plus: Dividends, interest, and rent[5]	8,857,813	9,248,149	9,642,046	10,297,120	11,672,868	13,359,862	831,900	888,687	946,220	988,095	1,110,233	1,262,602
Plus: Transfer payments	5,534,361	5,822,273	6,120,356	6,477,415	6,903,496	7,654,205	1,075,610	1,133,075	1,233,368	1,298,774	1,399,916	1,576,079
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	20,141,911	22,146,632	24,276,674	26,608,625	28,631,423	30,039,238	2,910,985	3,152,157	3,383,750	3,680,229	4,049,971	4,262,953
Other labor income	1,811,234	1,901,238	2,081,363	2,198,477	2,311,027	2,436,390	292,326	302,944	326,382	344,463	378,757	402,698
Proprietors' income[6]	3,016,965	3,487,920	3,801,661	4,391,097	4,902,977	5,209,827	318,921	367,963	434,315	487,451	559,455	590,025
Farm	58,215	57,379	63,682	63,407	64,569	68,470	17,984	15,904	22,750	20,681	22,204	21,899
Nonfarm	2,958,750	3,430,541	3,737,979	4,327,690	4,838,408	5,141,357	300,937	352,059	411,565	466,770	537,251	568,126
Earnings by industry:												
Farm	78,968	77,853	83,714	84,160	85,093	88,995	21,227	19,029	25,786	23,829	25,332	25,024
Nonfarm	24,891,142	27,457,937	30,075,984	33,114,039	35,760,334	37,596,460	3,501,005	3,804,035	4,118,661	4,488,314	4,962,851	5,230,652
Private	20,899,881	23,169,855	25,472,721	28,172,246	30,389,084	31,831,421	3,070,278	3,312,134	3,587,827	3,915,707	4,334,845	4,562,857
Agricultural services, forestry, fisheries, and other[7]	140,215	156,424	180,527	205,625	229,799	236,354	58,436	70,659	96,592	109,649	120,842	127,186
Agricultural services	130,536	135,021	147,809	180,188	198,680	(D)	9,098	10,330	11,769	17,990	20,435	(D)
Forestry, fisheries, and other[7]	9,679	21,403	32,718	25,437	31,119	(D)	49,338	60,329	84,823	91,659	100,407	(D)
Mining	85,502	114,335	43,347	42,218	70,636	75,518	6,219	8,515	3,262	3,576	4,954	5,817
Coal mining	1,499	1,095	1,153	443	508	521	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	75,243	104,396	31,039	30,871	56,582	59,772	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	−321	−186	(L)	1,405	1,409	1,538	0	0	0	0	0	0
Nonmetallic minerals, except fuels	9,081	9,030	11,180	9,499	12,137	13,687	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,532,075	1,803,432	2,126,469	2,372,175	2,588,265	2,614,778	197,980	233,047	306,852	371,677	426,717	390,290
Manufacturing	4,690,023	5,021,584	5,335,313	5,507,522	5,602,578	5,588,772	1,365,170	1,384,245	1,394,318	1,380,161	1,471,375	1,540,849
Nondurable goods	1,146,526	1,214,349	1,288,119	1,395,895	1,532,770	1,586,898	589,371	580,315	566,470	570,808	601,291	602,072
Food and kindred products	133,517	137,967	142,328	152,820	174,538	186,521	45,891	48,021	(D)	50,381	59,486	54,256
Textile mill products	36,362	36,842	37,114	34,400	36,321	32,632	120,214	117,566	116,522	125,067	126,452	134,246
Apparel and other textile products	93,106	81,451	77,384	81,839	86,157	89,490	226,526	213,966	197,051	191,333	197,681	194,220
Paper and allied products	124,655	125,162	129,492	148,648	159,681	164,432	28,807	33,502	(D)	32,051	31,238	31,435
Printing and publishing	444,451	486,744	535,360	604,355	659,141	692,967	40,802	44,340	47,666	48,888	57,226	58,995
Chemicals and allied products	179,120	193,045	207,787	223,248	255,937	269,360	22,081	22,544	23,033	19,969	38,699	38,872
Petroleum and coal products	32,925	35,525	32,394	13,848	15,894	15,754	1,676	1,952	1,836	1,595	1,486	2,692
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	89,700	105,998	117,459	130,331	138,468	131,722	78,991	77,656	81,759	88,847	77,508	74,020
Leather and leather products	12,690	11,615	8,801	6,406	6,633	4,020	24,383	20,768	15,584	12,677	11,515	13,336
Durable goods	3,543,497	3,807,235	4,047,194	4,111,627	4,069,808	4,001,874	775,799	803,930	827,848	809,353	870,084	938,777
Lumber and wood products	32,859	38,660	42,218	44,626	41,769	39,042	11,254	12,697	12,715	14,368	13,912	14,540
Furniture and fixtures	52,484	61,952	63,940	67,447	72,058	70,564	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	48,706	47,895	50,369	42,219	41,285	46,839	67,824	74,907	81,230	78,024	87,960	99,490
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	78,408	80,926	83,966	93,622	92,457	89,725
Machinery, except electrical	311,648	326,356	340,481	353,896	382,056	430,402	87,045	82,397	88,086	87,813	77,189	73,021
Electric and electronic equipment	980,807	1,076,966	1,157,968	1,186,585	1,208,440	1,208,209	284,095	308,380	314,906	270,461	310,524	373,309
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	14,948	13,296	13,227	13,686	11,092	7,673
Motor vehicles and equipment	13,651	16,374	21,141	24,937	30,348	32,617	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	43,092	41,368	49,500	58,716	67,310	59,980	15,284	16,792	15,623	16,681	20,729	18,070
Instruments and related products	604,232	634,774	680,018	688,154	678,800	635,787	40,139	42,765	46,519	52,105	59,310	56,590
Miscellaneous manufacturing industries	78,634	75,697	77,526	82,655	85,216	98,230	167,294	163,659	165,298	175,099	186,892	192,300
Transportation and public utilities	1,375,329	1,491,242	1,566,410	1,746,647	1,888,030	1,865,368	145,357	166,812	176,892	189,416	211,689	217,675
Railroad transportation	88,175	94,172	95,595	102,155	106,158	114,512	2,349	2,030	1,893	2,019	2,033	1,914
Trucking and warehousing	304,130	317,841	354,209	386,968	422,128	429,180	47,232	49,090	57,896	60,964	73,220	71,017
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	2,106	3,738	3,820	4,742	5,394	5,600
Other transportation[8]	273,859	295,811	333,678	380,529	425,877	435,925	20,992	21,961	23,472	30,105	34,937	35,905
Communication	(D)	(D)	(D)	(D)	(D)	(D)	35,021	47,719	48,465	47,316	46,959	39,732
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	37,657	42,274	41,346	44,270	49,146	63,507
Wholesale trade	2,172,656	2,449,787	2,636,979	2,913,777	3,180,477	3,326,402	187,297	198,225	224,354	277,983	307,554	361,522
Retail trade	2,696,652	2,927,991	3,247,110	3,497,472	3,755,981	3,894,550	403,107	460,303	507,125	551,059	627,747	653,526
Finance, insurance, and real estate	1,541,603	1,692,193	1,993,505	2,551,663	2,673,559	2,890,782	113,373	122,137	136,599	175,750	182,591	188,956
Banking and credit agencies	627,383	632,850	756,591	849,971	901,792	1,060,211	51,790	55,246	63,954	72,598	75,289	79,758
Other finance, insurance, and real estate[9]	914,220	1,059,343	1,236,914	1,701,692	1,771,767	1,830,571	61,583	66,891	72,645	103,152	107,302	109,198
Services	6,665,826	7,512,867	8,343,061	9,335,147	10,399,759	11,338,897	593,339	668,191	741,833	856,436	981,376	1,077,036
Hotels and other lodging places	(D)	68,243	73,391	82,410	90,763	92,611	7,352	7,819	8,551	10,645	13,126	12,908
Personal services	217,833	263,974	293,770	306,525	351,617	381,267	35,509	48,747	53,172	58,290	70,759	79,185
Private households	161,814	162,163	161,298	160,664	169,883	177,641	8,082	8,118	8,076	8,064	8,535	8,938
Business services	1,642,252	1,914,307	2,170,125	2,286,460	2,559,974	2,760,996	65,176	81,324	96,217	129,223	163,813	173,128
Auto repair, services, and garages	266,243	299,467	318,558	379,869	371,774	392,325	35,163	41,188	46,344	50,683	54,863	58,755
Miscellaneous repair services	134,286	137,997	150,731	156,273	180,118	183,800	13,059	11,663	13,612	12,708	15,086	16,946
Amusement and recreation services	216,316	247,458	270,005	314,061	337,672	351,742	14,486	15,219	18,465	20,122	22,363	25,161
Motion pictures	51,286	55,290	56,402	61,740	86,827	93,647	2,150	2,427	1,853	3,095	3,386	2,927
Health services	2,074,034	2,310,318	2,495,303	2,948,049	3,324,119	3,734,835	262,519	283,374	293,188	332,372	371,134	416,314
Legal services	532,012	601,934	696,342	786,523	891,860	954,768	33,975	38,110	46,766	55,457	64,930	71,197
Educational services	275,036	299,911	315,067	338,573	379,678	409,131	23,242	24,544	25,981	30,823	30,987	32,914
Social services	119,895	136,590	158,535	172,104	202,766	236,484	25,158	30,114	36,846	41,182	45,627	52,417
Museums, botanical, zoological gardens	(D)	2,080	2,454	2,752	3,434	4,385	857	925	1,067	1,028	1,153	1,295
Membership organizations	171,815	178,641	190,250	227,546	256,693	277,788	32,175	32,869	35,400	39,103	45,209	48,929
Miscellaneous services	737,455	834,494	990,830	1,111,598	1,192,581	1,287,477	34,436	41,750	56,295	63,641	70,405	76,022
Government and government enterprises	3,991,261	4,288,082	4,603,263	4,941,793	5,371,250	5,765,039	430,727	491,901	530,834	572,607	628,006	667,795
Federal, civilian	524,001	555,991	567,426	612,363	669,187	691,805	31,902	33,701	34,110	36,845	40,435	42,532
Military	40,295	44,089	46,832	49,008	49,963	50,568	19,876	19,348	21,490	19,268	18,817	18,741
State and local	3,426,965	3,688,002	3,989,005	4,280,422	4,652,100	5,022,666	378,949	438,852	475,234	516,494	568,754	606,522

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	New Haven—Waterbury—Meriden, CT (NECMA)						New London—Norwich, CT (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**11,691,999**	**12,501,433**	**13,480,710**	**14,781,427**	**16,277,545**	**17,345,397**	**3,666,298**	**3,884,327**	**4,038,570**	**4,394,249**	**4,740,294**	**5,050,910**
Nonfarm personal income	11,672,394	12,480,391	13,455,996	14,755,286	16,247,378	17,317,204	3,629,839	3,854,425	4,000,385	4,354,986	4,701,265	5,013,384
Farm income[1]	19,605	21,042	24,714	26,141	30,167	28,193	36,459	29,902	38,185	39,263	39,029	37,526
Population (thousands)[2]	769.6	773.2	783.4	789.1	794.4	798.0	245.9	245.5	244.1	245.1	247.6	247.2
Per capita personal income (dollars)	**15,192**	**16,167**	**17,207**	**18,733**	**20,490**	**21,736**	**14,907**	**15,825**	**16,544**	**17,931**	**19,143**	**20,429**
Derivation of total personal income:												
Total earnings by place of work	7,665,862	8,292,651	9,010,923	10,160,034	11,205,476	11,643,289	2,881,734	3,046,348	3,044,324	3,332,359	3,523,775	3,711,668
Less: Personal contributions for social insurance[3]	464,602	525,969	570,629	652,595	740,728	797,332	166,846	184,217	184,031	203,777	222,369	241,151
Plus: Adjustment for residence	739,381	808,490	871,179	900,015	936,306	1,018,502	−83,272	−75,655	9,992	21,804	62,291	35,959
Equals: Net earnings by place of residence	7,940,641	8,575,172	9,311,473	10,407,454	11,401,054	11,864,459	2,631,616	2,786,476	2,870,285	3,150,386	3,363,697	3,506,476
Plus: Dividends, interest, and rent[5]	2,149,982	2,236,283	2,382,508	2,486,227	2,838,481	3,240,430	587,044	615,435	653,755	697,196	795,213	907,626
Plus: Transfer payments	1,601,376	1,689,978	1,786,729	1,887,746	2,038,010	2,240,508	447,638	482,416	514,530	546,667	581,384	636,808
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,344,591	6,898,976	7,478,713	8,413,870	9,278,411	9,639,348	2,448,172	2,598,705	2,582,388	2,807,064	2,965,821	3,128,613
Other labor income	693,310	714,940	776,731	847,328	923,868	962,101	260,044	264,314	258,388	275,511	288,647	310,025
Proprietors' income[6]	627,961	678,735	755,479	898,836	1,003,197	1,041,840	173,518	183,329	203,548	249,784	269,307	273,030
Farm	13,892	15,377	19,134	20,305	24,307	22,259	27,498	20,813	29,059	29,523	29,069	27,198
Nonfarm	614,069	663,358	736,345	878,531	978,890	1,019,581	146,020	162,516	174,489	220,261	240,238	245,832
Earnings by industry:												
Farm	19,605	21,042	24,714	26,141	30,167	28,193	36,459	29,902	38,185	39,263	39,029	37,526
Nonfarm	7,646,257	8,271,609	8,986,209	10,133,893	11,175,309	11,615,096	2,845,275	3,016,446	3,006,139	3,293,096	3,484,746	3,674,142
Private	6,786,064	7,318,632	7,966,931	8,984,841	9,896,162	10,228,176	2,225,820	2,357,958	2,323,852	2,549,919	2,693,673	2,827,701
Agricultural services, forestry, fisheries, and other[7]	16,984	20,123	22,461	33,493	40,117	42,408	5,486	7,250	8,247	11,736	13,898	13,242
Agricultural services	16,312	19,136	21,243	32,642	39,136	41,345	5,175	5,642	6,250	10,681	12,429	11,579
Forestry, fisheries, and other[7]	672	987	1,218	851	981	1,063	311	1,608	1,997	1,055	1,469	1,663
Mining	29,692	38,894	20,614	22,724	28,342	18,005	6,629	9,191	3,512	4,158	5,956	6,541
Coal mining	230	287	302	146	177	181	62	77	81	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,485	7,870	2,012	2,229	3,623	3,785
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,082	1,244	1,419	1,890	2,285	2,707
Construction	485,998	558,224	673,852	790,301	893,047	876,227	352,685	303,952	171,244	189,801	229,804	240,936
Manufacturing	2,117,654	2,173,857	2,193,104	2,254,950	2,402,261	2,367,829	1,002,541	1,068,113	1,079,060	1,101,559	1,056,213	1,097,281
Nondurable goods	546,135	577,657	617,668	640,787	675,350	662,478	217,847	237,860	251,683	264,367	270,444	288,408
Food and kindred products	65,578	70,050	64,312	72,830	76,028	77,533	7,275	7,503	8,307	8,000	8,121	8,814
Textile mill products	10,031	10,478	12,271	12,760	11,596	9,462	10,008	9,876	9,322	8,980	9,354	(D)
Apparel and other textile products	45,369	44,967	44,722	45,506	50,341	49,987	9,443	9,906	10,893	7,984	3,402	2,282
Paper and allied products	42,409	44,675	47,581	44,422	42,635	45,362	29,185	29,043	30,629	29,219	30,316	32,367
Printing and publishing	114,757	126,763	141,086	153,965	160,894	173,174	25,019	27,875	32,250	35,709	39,903	41,286
Chemicals and allied products	145,886	154,156	186,131	192,298	217,436	222,025	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	1,675	4,985	6,537	8,011	5,182	0	0	0	(D)	0	0
Tobacco manufactures	(D)	668	454	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	117,177	122,663	114,494	110,360	106,819	78,134	6,409	9,062	9,765	13,181	8,932	10,294
Leather and leather products	2,464	1,562	1,632	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,571,519	1,596,200	1,575,436	1,614,163	1,726,911	1,705,351	784,694	830,253	827,377	837,192	785,769	808,873
Lumber and wood products	12,770	14,987	17,045	20,365	22,299	22,073	2,063	2,132	2,328	2,635	4,972	3,669
Furniture and fixtures	8,223	8,208	8,456	9,906	11,228	10,553	(D)	10,597	11,115	11,093	9,164	(D)
Primary metal industries	(D)	(D)	178,286	187,406	199,615	162,559	38,443	33,507	35,923	40,720	41,075	37,487
Fabricated metal products	380,743	381,758	373,869	385,433	417,292	405,946	88,874	42,961	31,911	29,064	30,753	23,905
Machinery, except electrical	191,671	209,856	193,497	187,303	192,855	213,587	46,775	(D)	(D)	(D)	(D)	103,340
Electric and electronic equipment	294,856	339,385	319,954	334,050	353,886	347,600	18,613	20,151	22,144	22,799	22,767	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	165,548	160,747	153,783	158,908	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	37,698	37,167	38,442	43,840	59,250	66,461	0	0	0	0	0	(D)
Stone, clay, and glass products	23,925	26,785	27,775	32,932	41,889	40,821	4,309	4,591	5,967	6,774	8,255	6,228
Instruments and related products	145,325	151,131	159,215	154,781	166,949	168,766	9,155	10,582	11,731	19,473	20,129	20,762
Miscellaneous manufacturing industries	120,136	106,772	93,349	97,400	107,865	108,077	(D)	(D)	(D)	(D)	2,637	2,279
Transportation and public utilities	672,268	714,857	758,922	803,400	795,405	787,608	126,082	151,110	150,454	167,888	175,005	189,587
Railroad transportation	(D)	(D)	21,596	21,513	19,900	19,238	(D)	(D)	(D)	1,954	(D)	(D)
Trucking and warehousing	110,397	117,240	124,720	138,992	145,061	126,836	19,456	21,301	19,314	23,700	28,484	30,358
Water transportation	13,425	14,634	14,954	16,935	15,968	12,924	5,208	7,027	7,433	9,914	11,738	11,204
Other transportation[8]	(D)	(D)	64,139	70,759	80,572	85,727	(D)	(D)	(D)	16,389	(D)	(D)
Communication	351,993	379,727	408,043	420,426	387,937	389,120	27,085	27,419	29,068	32,616	32,062	32,279
Electric, gas, and sanitary services	114,019	121,030	125,470	134,775	145,967	153,763	58,956	77,757	76,542	83,315	84,683	95,361
Wholesale trade	522,672	570,303	625,175	758,514	866,566	880,551	67,355	74,281	75,538	88,724	97,278	105,407
Retail trade	722,174	782,445	893,853	1,019,556	1,145,635	1,242,238	231,850	257,778	281,868	311,010	346,272	353,503
Finance, insurance, and real estate	383,054	414,771	485,338	639,196	691,537	677,161	46,642	51,216	61,118	102,003	96,318	89,316
Banking and credit agencies	157,653	165,204	186,741	211,328	224,208	240,124	25,344	28,744	34,249	41,033	44,658	48,350
Other finance, insurance, and real estate[9]	225,401	249,567	298,597	427,868	467,329	437,037	21,298	22,472	26,869	60,970	51,660	40,966
Services	1,835,568	2,045,158	2,293,612	2,662,707	3,033,252	3,336,149	386,550	435,067	492,811	573,040	672,929	731,888
Hotels and other lodging places	16,951	19,738	23,787	28,318	30,640	32,009	10,860	12,081	15,562	20,446	23,654	26,618
Personal services	(D)	(D)	(D)	(D)	(D)	(D)	17,090	21,396	22,503	24,688	28,473	31,866
Private households	19,867	19,987	19,945	19,956	21,115	22,067	8,544	8,597	8,578	8,581	9,083	9,493
Business services	261,468	293,893	347,711	434,452	495,525	532,363	67,758	73,264	83,082	99,037	104,023	112,602
Auto repair, services, and garages	68,887	79,118	89,043	95,329	102,214	112,015	12,109	13,441	14,610	17,024	18,607	20,198
Miscellaneous repair services	24,094	28,362	35,688	37,472	49,429	52,108	5,353	5,435	6,440	6,022	8,279	7,930
Amusement and recreation services	25,795	25,883	30,946	34,671	36,823	40,320	4,370	5,580	7,000	6,996	7,119	7,867
Motion pictures	5,391	6,305	5,667	5,031	6,331	7,093	635	613	537	370	403	399
Health services	687,778	754,578	819,120	965,395	1,109,631	1,247,386	133,435	145,973	156,512	183,409	217,101	242,218
Legal services	114,542	131,825	154,704	182,405	214,433	228,694	22,678	26,364	31,028	35,375	39,704	43,847
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	24,028	27,289	29,942	32,224	34,989	38,426
Social services	49,074	54,984	62,791	77,684	92,474	103,126	10,271	12,158	14,810	18,188	23,163	27,824
Museums, botanical, zoological gardens	258	270	327	495	612	680	5,589	6,056	6,564	7,086	7,812	8,628
Membership organizations	68,094	74,527	80,889	93,079	104,707	111,303	14,950	15,899	17,990	21,610	24,932	27,212
Miscellaneous services	130,256	151,683	199,417	228,083	270,571	301,792	48,880	60,921	77,653	91,984	125,587	126,760
Government and government enterprises	860,193	952,977	1,019,278	1,149,052	1,279,147	1,386,920	619,455	658,488	682,287	743,177	791,073	846,441
Federal, civilian	156,186	164,021	170,684	188,641	205,338	215,614	116,568	119,037	119,773	132,847	140,869	144,328
Military	17,574	18,748	19,896	20,746	21,305	22,511	273,489	284,586	288,024	297,118	298,662	308,093
State and local	686,433	770,208	828,698	939,665	1,052,504	1,148,795	229,398	254,865	274,490	313,212	351,542	394,020

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	New Orleans, LA (MSA)						New York, NY (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**16,428,255**	**16,980,669**	**17,178,141**	**17,329,044**	**18,264,585**	**19,164,933**	**133,874,350**	**142,329,544**	**151,060,328**	**161,897,497**	**176,558,360**	**189,570,753**
Nonfarm personal income	16,413,528	16,962,828	17,154,166	17,307,593	18,234,574	19,139,426	133,864,211	142,318,206	151,047,403	161,884,432	176,543,760	189,556,331
Farm income[1]	14,727	17,841	23,975	21,451	30,011	25,507	10,139	11,338	12,925	13,065	14,600	14,422
Population (thousands)[2]	1,324.2	1,329.8	1,332.1	1,317.7	1,306.9	1,299.7	8,436.9	8,472.2	8,533.6	8,556.8	8,567.0	8,591.9
Per capita personal income (dollars)	**12,406**	**12,769**	**12,896**	**13,151**	**13,975**	**14,745**	**15,868**	**16,800**	**17,702**	**18,920**	**20,609**	**22,064**
Derivation of total personal income:												
Total earnings by place of work	12,872,936	13,017,263	12,975,652	13,084,043	13,794,075	14,244,434	112,782,104	121,939,318	132,405,249	144,572,281	157,909,361	163,907,729
Less: Personal contributions for social insurance[3]	704,763	747,796	803,970	834,891	911,106	975,008	7,356,364	8,307,600	9,395,153	10,156,238	11,474,430	12,195,157
Plus: Adjustment for residence	−381,433	−356,158	−378,993	−360,580	−355,113	−327,415	−22,132,897	−24,094,918	−26,117,444	−28,235,777	−31,219,936	−31,576,031
Equals: Net earnings by place of residence	11,786,740	11,913,309	11,792,689	11,888,572	12,527,856	12,942,011	83,292,843	89,536,800	96,892,652	106,180,266	115,214,995	120,136,541
Plus: Dividends, interest, and rent[5]	2,426,933	2,618,493	2,687,102	2,671,460	2,797,857	3,170,011	26,386,991	27,474,050	27,789,679	28,094,637	31,832,937	36,601,970
Plus: Transfer payments	2,214,582	2,448,867	2,698,350	2,769,012	2,938,872	3,052,911	24,194,516	25,318,694	26,377,997	27,622,594	29,510,428	32,832,242
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,651,718	10,709,295	10,573,576	10,618,755	11,141,656	11,457,537	94,360,520	101,789,689	110,717,039	120,373,064	131,183,111	135,620,497
Other labor income	1,091,502	1,056,368	1,057,230	1,054,466	1,096,282	1,143,178	8,569,611	8,753,443	9,320,433	9,582,907	10,282,933	10,741,800
Proprietors' income[6]	1,129,716	1,251,600	1,344,846	1,410,822	1,556,137	1,643,719	9,851,973	11,396,186	12,367,777	14,616,310	16,443,317	17,545,432
Farm	11,042	14,254	20,464	17,806	26,391	21,896	6,826	8,149	9,877	10,001	11,648	11,581
Nonfarm	1,118,674	1,237,346	1,324,382	1,393,016	1,529,746	1,621,823	9,845,147	11,388,037	12,357,900	14,606,309	16,431,669	17,533,851
Earnings by industry:												
Farm	14,727	17,841	23,975	21,451	30,011	25,507	10,139	11,338	12,925	13,065	14,600	14,422
Nonfarm	12,858,209	12,999,422	12,951,677	13,062,592	13,764,064	14,218,927	112,771,965	121,927,980	132,392,324	144,559,216	157,894,761	163,893,307
Private	11,100,474	11,169,212	11,105,601	11,181,122	11,824,565	12,154,599	98,201,386	106,409,578	115,346,617	126,120,878	137,925,716	142,249,514
Agricultural services, forestry, fisheries, and other[7]	27,894*	42,216*	56,213	50,787	55,090*	57,611	259,706	269,391*	286,593*	354,209	386,034	403,612
Agricultural services	18,228*	19,936*	21,302	24,178	(D)	27,422	121,174	128,103*	136,001*	177,037	199,546	207,371
Forestry, fisheries, and other[7]	9,671	22,289	34,911	26,609	(D)	30,189	138,532	148,615	158,344	177,172	186,488	196,241
Mining	847,376*	899,460*	744,508	690,339	731,862*	720,172	353,454	442,976*	207,804*	214,442	312,939	303,534
Coal mining	94	104	(D)	(D)	74	76	(D)	(D)	(D)	1,152*	1,318*	1,358*
Oil and gas extraction	(D)	863,422*	703,505	641,146*	(D)	(D)	306,085*	398,337*	171,105*	163,857*	255,947*	262,517*
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	20,930	16,733	17,339	28,735	29,274	21,849
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,023,839	842,980	789,082	686,509	723,653	733,459	4,261,816	4,985,462	5,853,393	6,301,996	6,748,575	6,925,673
Manufacturing	1,447,456	1,433,335	1,392,655	1,378,824	1,475,775	1,493,249	14,253,901	14,505,706	14,488,847	14,474,081	15,757,397	15,416,922
Nondurable goods	754,820	757,186	769,162	762,914	789,746	785,932	9,791,347	10,004,813	9,970,383	10,028,851	10,893,869	10,722,798
Food and kindred products	164,261	151,695	(D)	(D)	(D)	(D)	1,103,956*	1,183,807*	1,154,319*	1,149,412*	1,218,717*	1,211,858
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	387,995*	403,668*	397,272*	400,374*	385,663*	387,091*
Apparel and other textile products	24,957*	(D)	23,501*	24,358*	26,452*	31,921*	2,247,048*	2,230,830*	2,221,141*	2,263,067*	2,363,767*	2,358,387*
Paper and allied products	27,197*	28,101	30,520	22,413	24,586	23,362*	457,727	410,990	366,989*	380,193	378,913	403,198
Printing and publishing	84,139*	95,161*	96,823*	102,735*	107,667*	106,373*	3,250,354	3,443,890	3,591,339	3,917,529	4,413,716	4,250,854
Chemicals and allied products	191,176	190,438	(D)	(D)	228,012	233,997*	1,181,686*	1,227,532*	1,271,559*	1,295,669*	1,465,851*	1,429,911*
Petroleum and coal products	249,959	253,938	258,410	262,123*	225,685	216,792	674,762*	622,370*	481,712	160,182	190,257	(D)
Tobacco manufactures	103	(L)	73	99	99	(D)	130,281	131,003	111,853	77,112	94,863	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	143,167*	155,667*	168,013*	185,609*	179,746*	(D)
Leather and leather products	0	(D)	(D)	(D)	0	0	168,845*	148,799*	145,139*	143,382*	141,467*	140,055*
Durable goods	692,636	676,149	623,493	615,910	686,029	707,317	4,462,554	4,500,893	4,518,464	4,445,230	4,863,528	4,694,124
Lumber and wood products	(D)	(D)	11,336*	10,443*	10,490*	9,965*	(D)	(D)	(D)	(D)	(D)	137,962
Furniture and fixtures	2,693*	2,468*	3,302*	3,205	3,143*	2,975*	184,434*	185,046*	200,377*	210,984*	218,391	209,021*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	89,491*	89,425*	73,770*	68,118*	69,329*	66,314*	530,646	534,125	539,044	545,876	567,746	551,613
Machinery, except electrical	62,163*	61,217*	53,732*	63,196*	69,677*	66,316*	1,112,368	1,167,161	1,163,525	1,073,021	1,270,062	1,077,483
Electric and electronic equipment	20,087*	20,212*	17,456	12,333*	11,859	19,009	946,430	887,720	908,884	926,805*	996,312*	1,038,367*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	119,286*	(D)	112,895*	118,814*	99,977*	95,843*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	75,943*	54,824*	42,986*	36,364*	37,126*	37,178*	124,802*	135,488*	131,519*	(D)	(D)	(D)
Instruments and related products	5,963*	5,198*	4,836*	(D)	(D)	7,167*	296,738*	298,267*	282,438*	273,765*	295,521*	305,164*
Miscellaneous manufacturing industries	18,033	15,581	14,848	16,012*	19,848*	17,554*	736,481	715,338	715,405*	724,456*	770,090*	786,693*
Transportation and public utilities	1,443,699	1,422,347	1,387,335	1,381,933	1,437,918	1,451,914	9,895,050	10,129,334	10,048,422	10,336,084	10,736,917	10,732,458
Railroad transportation	84,312*	74,289	67,551	61,238	60,969	62,075	288,983	302,894	300,547	308,308	311,607	329,048
Trucking and warehousing	227,150	225,551	240,457	253,238	264,563	272,434	(D)	746,428*	833,205	908,402	929,501*	968,342*
Water transportation	418,214	408,540	371,553	336,825*	363,816	375,690	497,525	478,037*	433,552*	382,415	339,086	287,761*
Other transportation[8]	226,007*	211,834*	214,673*	208,127*	209,009*	223,599*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	251,113*	252,162*	234,655*	243,501*	240,266*	257,795	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	198,026*	215,402*	221,937*	230,582*	250,223*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	957,116	970,974	939,027	916,381	983,445	1,003,764	9,346,169	9,930,760	10,201,738	10,778,619	11,747,680	11,999,105
Retail trade	1,370,029	1,367,339	1,388,422	1,387,524	1,429,739	1,453,091	7,264,770	7,760,367	8,316,513	8,796,633	9,347,272	9,710,751
Finance, insurance, and real estate	804,537	839,388	895,517	985,952	951,939	935,348	19,973,903	22,287,702	25,980,268	31,094,701	34,109,694	33,637,854
Banking and credit agencies	289,459*	306,186*	310,705*	310,617*	308,842*	304,004*	6,191,439	6,557,834	7,375,778	7,979,085	9,056,935	9,287,630*
Other finance, insurance, and real estate[9]	506,760*	524,161*	575,236*	664,849*	632,790*	626,709*	13,782,464	15,729,868	18,604,490	23,115,616	25,052,759	24,220,382*
Services	3,174,005	3,346,322	3,512,842	3,702,873	4,031,777	4,305,991	32,592,617	36,073,432	39,947,558	43,770,113	48,779,208	53,119,605
Hotels and other lodging places	193,496*	188,577*	186,683*	198,939*	201,016*	203,607*	688,944*	741,298*	790,298	927,550	973,768*	992,206
Personal services	103,501	120,828	123,811	121,692	138,909	150,965	773,342	898,860	964,778	1,010,198	1,169,514	1,251,040
Private households	66,236	66,558	66,270	65,183	67,942	70,439	598,139	599,421	596,225	593,908	627,945	656,593
Business services	578,655	579,729	588,128	622,997	696,364	764,192	7,974,708	9,003,316	9,957,254	10,841,420	11,979,919	12,850,467
Auto repair, services, and garages	96,790	101,509	103,389	99,305	101,636	104,774	503,861	558,263	602,530	650,786	684,409	705,804
Miscellaneous repair services	72,162*	59,040*	59,263*	57,123*	53,533*	64,739*	337,388	349,723	361,816	355,743	404,939	421,425
Amusement and recreation services	91,227	72,340*	81,981	72,742	84,863	88,326	877,004	1,020,056	1,203,692	1,387,224	1,678,465	1,822,026
Motion pictures	(D)	(D)	(D)	(D)	9,629*	11,440*	890,095*	1,034,961*	1,044,187*	1,194,393*	1,271,145*	1,433,489*
Health services	857,763	973,051	1,034,638	1,149,163	1,254,777	1,361,425	7,283,029	7,955,551	8,573,212	9,454,335	10,538,169	11,538,930
Legal services	414,491	460,828	522,414	568,484	627,661	648,214	4,485,561	4,928,937	5,691,115	6,285,233	7,119,963	7,908,262
Educational services	201,825*	218,941*	225,930*	247,234*	271,250*	290,413*	1,857,313	2,041,808	2,220,528	2,397,477	2,594,188	2,745,999
Social services	41,209	56,670	57,753	60,127	63,407	66,484	1,398,563	1,552,333	1,805,626	1,967,477	2,148,253	2,454,841
Museums, botanical, zoological gardens	1,399*	1,300*	1,390*	1,487*	1,521*	1,855*	(D)	(D)	144,817*	156,637*	(D)	191,755*
Membership organizations	107,423	98,918	100,459	104,014	115,775	121,582	1,076,538	1,144,341	1,176,282	1,297,545	1,424,292	1,505,400
Miscellaneous services	330,739	329,000	342,467	313,955	330,821	343,928	3,726,860	4,109,558	4,814,337	5,249,275	5,978,897	6,640,007
Government and government enterprises	1,757,735	1,830,210	1,846,076	1,881,470	1,939,499	2,064,328	14,570,579	15,518,402	17,045,707	18,438,338	19,969,045	21,643,793
Federal, civilian	399,472	422,789	419,885	448,382	494,722	527,087	2,398,963	2,493,382	2,481,797	2,584,458	2,783,998	2,899,592
Military	99,952	106,577	113,912	119,431	125,783	131,112	189,707	203,931	200,923	201,426	205,421	209,807
State and local	1,258,311	1,300,844	1,312,279	1,313,657	1,318,994	1,406,129	11,981,909	12,821,089	14,362,987	15,652,454	16,979,626	18,534,394

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Newark, NJ (PMSA)						Niagara Falls, NY (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**32,158,615**	**34,285,893**	**36,565,779**	**39,603,932**	**43,489,187**	**46,403,561**	**2,672,015**	**2,808,797**	**2,910,063**	**3,036,290**	**3,268,868**	**3,508,477**
Nonfarm personal income	32,125,704	34,252,127	36,530,203	39,561,433	43,444,014	46,359,618	2,661,503	2,796,493	2,899,197	3,021,001	3,252,401	3,489,708
Farm income[1]	32,911	33,766	35,576	42,499	45,173	43,943	10,512	12,304	10,866	15,289	16,467	18,769
Population (thousands)[2]	1,883.5	1,888.5	1,891.2	1,889.5	1,886.2	1,876.5	217.2	216.8	216.2	215.3	216.9	216.8
Per capita personal income (dollars)	**17,073**	**18,156**	**19,335**	**20,960**	**23,056**	**24,729**	**12,301**	**12,956**	**13,462**	**14,105**	**15,069**	**16,183**
Derivation of total personal income:												
Total earnings by place of work	23,919,048	25,492,418	27,321,405	29,613,389	32,335,784	33,809,892	1,748,170	1,838,315	1,882,745	1,947,290	2,100,475	2,190,319
Less: Personal contributions for social insurance[3]	1,458,537	1,626,617	1,862,273	2,006,850	2,271,391	2,446,018	114,292	126,530	134,722	137,716	154,568	166,745
Plus: Adjustment for residence	−69,533	188,990	451,205	721,518	884,405	860,446	87,893	129,216	148,047	193,405	200,873	238,516
Equals: Net earnings by place of residence	22,390,978	24,054,791	25,910,337	28,328,057	30,948,798	32,224,320	1,721,771	1,841,001	1,896,070	2,002,979	2,146,780	2,262,090
Plus: Dividends, interest, and rent[5]	6,031,854	6,372,824	6,586,362	6,940,077	7,884,418	8,999,116	420,224	433,998	448,891	447,502	508,338	580,049
Plus: Transfer payments	3,735,783	3,858,278	4,069,080	4,335,798	4,655,971	5,180,125	530,020	533,798	565,102	585,809	613,750	666,338
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	20,031,551	21,313,518	22,897,281	24,720,842	26,964,964	28,140,992	1,455,419	1,536,468	1,570,261	1,614,244	1,740,851	1,813,162
Other labor income	2,126,665	2,164,098	2,257,051	2,369,333	2,547,200	2,667,072	184,272	184,453	188,296	186,861	197,070	203,124
Proprietors' income[6]	1,760,832	2,014,802	2,167,073	2,523,214	2,823,620	3,001,828	108,479	117,394	124,188	146,185	162,554	174,033
Farm	28,234	29,359	31,388	38,263	41,081	40,010	4,212	6,041	4,654	8,748	9,907	12,088
Nonfarm	1,732,598	1,985,443	2,135,685	2,484,951	2,782,539	2,961,818	104,267	111,353	119,534	137,437	152,647	161,945
Earnings by industry:												
Farm	32,911	33,766	35,576	42,499	45,173	43,943	10,512	12,304	10,866	15,289	16,467	18,769
Nonfarm	23,886,137	25,458,652	27,285,829	29,570,890	32,290,611	33,765,949	1,737,658	1,826,011	1,871,879	1,932,001	2,084,008	2,171,550
Private	20,975,631	22,372,333	24,020,501	26,023,503	28,387,441	29,591,613	1,507,303	1,580,745	1,614,500	1,654,971	1,780,618	1,843,347
Agricultural services, forestry, fisheries, and other[7]	61,650	63,017	66,513	92,271	100,400	103,346	2,907	3,130	4,070	5,668	6,377	6,556
Agricultural services	60,404	60,956	63,910	90,039	97,624	100,664	2,856	2,980	3,871	5,516	6,182	6,366
Forestry, fisheries, and other[7]	1,246	2,061	2,603	2,232	2,776	2,682	51	150	199	152	195	190
Mining	76,272	99,117	46,176	49,632	69,108	72,926	6,331	7,708	5,913	6,262	8,165	9,347
Coal mining	308	266	315	143	177	187	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,011	2,118
Metal mining	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	3,424	3,640	4,331	4,848	6,137	7,211
Construction	1,150,792	1,274,086	1,509,241	1,715,382	1,924,941	1,974,627	93,651	86,444	88,442	99,233	107,870	122,997
Manufacturing	5,994,289	6,067,680	6,155,896	6,352,383	6,773,741	6,937,000	837,884	873,175	869,242	859,295	898,823	886,460
Nondurable goods	3,170,846	3,292,034	3,497,338	3,651,844	3,998,069	4,115,713	249,843	238,334	245,619	251,886	261,416	278,449
Food and kindred products	(D)	(D)	(D)	446,261	491,426	539,267	26,485	22,916	24,774	25,550	23,414	22,654
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	2,941	(D)	(D)	1,309	1,182	(D)
Apparel and other textile products	110,728	111,170	111,579*	120,849*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	176,680*	179,295*	175,722*	181,561*	180,566*	177,362*	20,708	21,482	23,590	25,608	24,114	24,899
Printing and publishing	350,441	392,291	418,721	442,926	461,338	466,570	19,788	20,868	22,334	22,165	23,154	25,333
Chemicals and allied products	1,699,018*	1,756,117*	1,849,112*	1,912,275*	2,193,570*	2,261,491*	154,373	145,637	150,563	158,709	169,119	184,742
Petroleum and coal products	183,391	172,652	187,949	207,068	211,692	210,414	13,454	14,333	12,013	5,152	5,257	5,980
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	230,067	237,260	250,678	258,411	250,853	248,827	10,470	9,450	9,358	11,440	12,572	11,288
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)
Durable goods	2,823,443	2,775,646	2,658,558	2,700,539	2,775,672	2,821,287	588,041	634,841	623,623	607,409	637,407	608,011
Lumber and wood products	(D)	30,530	35,040	42,933	46,993	46,384	5,075	6,034	6,675	7,309	7,781	7,858
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	612	511	651	779	647	723
Primary metal industries	196,193	180,678*	190,633*	166,555*	163,926*	159,000*	42,260	39,079	38,304	34,906	37,212	46,181
Fabricated metal products	536,312	536,897	530,193	521,794	541,685	557,129	36,632	35,818	35,732	39,482	43,092	46,785
Machinery, except electrical	520,830	547,579	500,166	485,500	513,250	531,777	42,482	45,429	47,136	48,974	50,388	52,395
Electric and electronic equipment	684,411	667,553	648,925	655,197	655,203	682,352	41,561	45,152	44,242	40,171	35,421	37,033
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	78,212	68,058	55,185	58,823	65,029	61,642	72,719	63,854	61,087	67,959	66,912	72,173
Instruments and related products	220,156	237,568	255,183	248,999	263,745	268,747	3,052	4,260	4,805	5,199	6,080	8,114
Miscellaneous manufacturing industries	162,992*	142,834*	133,559*	140,457*	156,970*	158,030*	1,302	1,500	1,781	1,476	1,510	1,792
Transportation and public utilities	2,703,773	2,781,183	2,987,864	2,997,576	3,177,073	3,139,538	88,722	90,976	95,009	99,580	107,299	112,389
Railroad transportation	(D)	(D)	(D)	(D)	(D)	(D)	4,542	4,052	3,949	3,956	3,881	3,722
Trucking and warehousing	440,405	462,477	495,074	507,305	544,875	602,277	25,696	26,702	28,392	31,429	36,214	36,765
Water transportation	458,384*	446,673*	442,727*	351,951*	314,531*	342,023*	1,071	(D)	865	1,059	1,292	1,296
Other transportation[8]	506,835*	567,112*	612,406*	(D)	(D)	(D)	14,487	(D)	13,918	14,284	15,985	18,457
Communication	805,152	850,436	970,222	1,034,449	1,119,398	987,341	10,977	10,996	10,203	10,286	9,912	8,116
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	468,656	(D)	31,949	34,885	37,682	38,566	40,015	44,033
Wholesale trade	1,943,445	2,002,915	2,089,765	2,312,505	2,557,907	2,666,270	44,452	48,306	49,857	55,759	62,192	67,002
Retail trade	1,722,933	1,901,200	2,128,749	2,245,162	2,427,340	2,504,159	147,037	159,029	164,933	173,429	190,513	206,982
Finance, insurance, and real estate	1,666,404	1,922,262	2,216,279	2,721,474	2,875,460	2,936,737	33,674	32,972	33,065	45,800	44,338	45,421
Banking and credit agencies	398,767	457,624	542,466	595,916	671,424	740,208	15,948	15,634	15,376	17,538	18,823	20,389
Other finance, insurance, and real estate[9]	1,267,637	1,464,638	1,673,813	2,125,558	2,204,036	2,196,529	17,726	17,338	17,689	28,262	25,515	25,032
Services	5,656,073	6,260,873	6,820,018	7,537,118	8,481,471	9,257,010	252,645	279,005	303,969	309,945	355,041	386,193
Hotels and other lodging places	(D)	(D)	(D)	98,332*	122,098*	150,004	(D)	(D)	5,880	8,730	10,767	5,145
Personal services	172,949	207,788	223,386	238,656	271,255	299,453	10,416	13,786	15,126	15,628	18,693	20,933
Private households	69,702	70,195	70,253	70,353	74,458	77,820	3,319	3,325	3,311	3,301	3,481	3,635
Business services	1,975,724	2,269,195	2,443,701	2,638,040	2,948,511	3,177,555	21,248	36,231	44,726	32,999	40,607	46,412
Auto repair, services, and garages	194,655	220,653	238,977	257,331	284,382	313,704	12,194	13,571	13,805	14,904	16,181	17,607
Miscellaneous repair services	110,018	110,975	145,073	160,199	166,902	174,825	4,483	4,461	5,202	5,601	6,877	7,925
Amusement and recreation services	66,485	72,939	80,856	93,123	(D)	112,659	5,035	5,518	5,881	6,634	8,360	8,817
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	590	638	788	880	863	897
Health services	1,486,768	1,589,490	1,736,728	1,972,415	2,267,882	2,511,602	114,245	117,778	127,597	138,062	155,744	171,512
Legal services	490,252	541,835	615,926	717,740	826,621	926,169	17,132	18,042	18,926	19,468	21,806	23,989
Educational services	160,393	173,181	192,214	204,431	215,321	230,678	(D)	(D)	16,403	14,641	14,493	14,649
Social services	105,737	118,935	136,385	142,717	159,853	185,173	11,194	12,771	11,383	13,033	15,683	18,860
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	4,270*	(D)	1,129	1,022	853	951	1,077	1,046
Membership organizations	153,232	161,446	176,468	202,975	232,105	251,870	15,996	16,208	16,969	19,090	21,528	22,851
Miscellaneous services	585,291	628,290	658,466	714,382	777,076	816,873	14,187	15,235	17,119	16,023	18,881	21,915
Government and government enterprises	2,910,506	3,086,319	3,265,328	3,547,387	3,903,170	4,174,336	230,355	245,266	257,379	277,030	303,390	328,203
Federal, civilian	666,454	633,062	621,850	646,869	675,742	722,906	33,472	34,221	34,281	35,636	39,168	40,726
Military	48,704	47,589	52,437	54,234	55,463	56,595	3,167	3,342	3,451	3,557	3,735	3,886
State and local	2,195,348	2,405,668	2,591,041	2,846,284	3,171,965	3,394,835	193,716	207,703	219,647	237,837	260,487	283,591

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Norfolk—Virginia Beach—Newport News, VA (MSA)						Oakland, CA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**15,521,422**	**16,717,004**	**18,032,991**	**19,479,140**	**20,849,093**	**22,160,629**	**31,595,870**	**34,199,577**	**36,408,459**	**38,755,647**	**42,343,104**	**45,447,099**
Nonfarm personal income	15,499,232	16,701,787	18,011,931	19,452,865	20,813,239	22,122,849	31,536,570	34,137,728	36,338,018	38,693,793	42,279,598	45,391,960
Farm income[1]	22,190	15,217	21,060	26,275	35,854	37,780	59,300	61,849	70,441	61,854	63,506	55,139
Population (thousands)[2]	1,263.8	1,280.2	1,308.5	1,349.9	1,380.2	1,409.6	1,879.0	1,910.0	1,938.6	1,966.7	2,006.3	2,042.7
Per capita personal income (dollars)	**12,281**	**13,058**	**13,782**	**14,430**	**15,106**	**15,721**	**16,815**	**17,905**	**18,781**	**19,706**	**21,106**	**22,249**
Derivation of total personal income:												
Total earnings by place of work	12,076,168	13,147,939	14,134,532	15,359,985	16,354,450	17,120,355	20,069,212	22,043,798	23,651,841	25,810,961	28,187,201	30,179,135
Less: Personal contributions for social insurance[3]	651,758	727,632	797,556	824,355	912,904	976,855	1,160,065	1,319,734	1,445,809	1,566,645	1,775,238	1,968,550
Plus: Adjustment for residence	−327,977	−369,221	−390,382	−436,512	−422,222	−433,938	3,534,146	3,626,440	3,861,273	3,748,119	4,143,130	4,298,470
Equals: Net earnings by place of residence	11,096,433	12,051,086	12,946,594	14,099,118	15,019,324	15,709,562	22,443,293	24,350,504	26,067,305	27,992,435	30,555,093	32,509,055
Plus: Dividends, interest, and rent[5]	2,061,520	2,144,542	2,380,687	2,491,067	2,790,927	3,224,432	5,172,055	5,524,017	5,734,443	5,921,456	6,593,254	7,330,403
Plus: Transfer payments	2,363,469	2,521,376	2,705,710	2,888,955	3,038,842	3,226,635	3,980,522	4,325,056	4,606,711	4,841,756	5,194,757	5,607,641
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,686,399	11,641,047	12,447,168	13,478,611	14,301,834	14,925,161	16,207,503	17,716,490	19,136,527	20,766,684	22,671,448	24,318,728
Other labor income	773,946	816,632	891,401	953,721	1,020,166	1,089,438	1,667,255	1,969,256	1,931,946	2,078,920	2,277,291	2,469,781
Proprietors' income[6]	615,823	690,260	795,963	927,653	1,032,450	1,105,756	2,194,454	2,358,052	2,583,368	2,965,357	3,238,462	3,390,626
Farm	15,065	8,217	14,236	19,221	28,871	30,834	30,973	34,822	44,043	34,977	35,570	27,391
Nonfarm	600,758	682,043	781,727	908,432	1,003,579	1,074,922	2,163,481	2,323,230	2,539,325	2,930,380	3,202,892	3,363,235
Earnings by industry:												
Farm	22,190	15,217	21,060	26,275	35,854	37,780	59,300	61,849	70,441	61,854	63,506	55,139
Nonfarm	12,053,978	13,132,722	14,113,472	15,333,710	16,318,596	17,082,575	20,009,912	21,981,949	23,581,400	25,749,107	28,123,695	30,123,996
Private	7,143,982	7,901,290	8,722,130	9,565,654	10,145,352	10,568,113	16,204,927	17,668,139	19,262,031	21,128,878	23,174,535	24,835,960
Agricultural services, forestry, fisheries, and other[7]	27,695*	37,998*	46,198*	58,488*	64,156*	68,062*	97,770	96,047	(D)	(D)	148,611	157,452
Agricultural services	23,837*	29,565*	33,381*	45,428*	47,562*	51,143*	94,588	90,108	94,488	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(D)	10,302*	14,607*	(D)	(D)	(D)	3,182	5,939	(D)	5,535	(D)	(D)
Mining	16,320	23,484	9,018	10,002	13,017	13,740	131,413	153,759	(D)	(D)	211,978	248,171
Coal mining	92	83	80	(L)	53	59	131	(D)	147	(D)	55	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	125,463	(D)	(D)	182,458	209,144
Metal mining	(L)	(L)	0	0	0	0	(D)	98*	128	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	27,639	28,053	31,546	30,090	(D)	(D)
Construction	775,566*	904,836*	1,095,864*	1,171,958*	1,189,623*	1,184,014*	1,898,532	2,017,081	2,115,989	2,246,518	2,513,599	2,624,961
Manufacturing	1,665,677	1,814,282	1,895,587	1,948,803	2,009,264	2,015,316	3,258,567	3,356,972	3,502,818	3,731,058	4,147,348	4,378,200
Nondurable goods	365,535	402,650	430,786	437,208	437,147	443,907	1,608,199	1,664,268	1,739,069	1,848,371	2,039,956	2,070,619
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	424,087	431,760	414,841	424,977	454,696	467,633
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	4,959*	5,391*	6,576*	(D)	9,759*	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	34,385	35,965*	36,843*	45,061	49,344	56,324
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	123,595	122,796	143,327	153,416	148,154	151,777
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	196,344	191,508	208,081	235,901	259,468	272,598
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	352,974	367,478	388,230	384,459	464,096	478,541
Petroleum and coal products	12,100*	12,083*	12,734*	12,946*	13,012*	14,128*	411,121	454,451	482,047	523,331	583,316	555,246
Tobacco manufactures	4,809*	5,935	6,793	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	57,403	50,914	55,371	70,677	67,907	72,340*
Leather and leather products	0	0	0	(D)	(D)	0	3,293*	2,653	2,299	(D)	3,151*	(D)
Durable goods	1,300,142	1,411,632	1,464,801	1,511,595	1,572,117	1,571,409	1,650,368	1,692,704	1,763,749	1,882,687	2,107,392	2,307,581
Lumber and wood products	31,928	36,423	41,627	50,006	47,270	44,135	30,604	(D)	28,590	39,821	46,187	54,722
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	55,702	58,351	(D)	(D)	60,150	55,921
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	238,490	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	355,947	368,937	340,607	344,274	333,938	340,937
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	310,876	310,368	316,818	370,540	421,742	469,150
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	49,307*	184,900	188,652	215,984	244,860	312,200	341,453
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	56,798	55,728	43,594	45,946	49,494	96,054
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	87,764	138,329	180,458	164,643	163,482*	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	148,072	154,880	161,682	173,345	217,687	220,521
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	152,292	170,591	194,918	201,908	246,408	266,964
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	9,974*	28,923	30,469	39,919	50,747	34,794	35,950
Transportation and public utilities	652,667	690,063	734,673	767,375	824,775	843,298	1,592,473	1,794,311	2,104,999	2,311,601	2,362,980	2,538,746
Railroad transportation	(D)	(D)	(D)	72,168	69,813	65,052	(D)	84,999	79,538	75,153	66,662	58,555
Trucking and warehousing	103,285	102,310	113,743	123,867	137,598	142,600	417,349	427,644	444,668	467,754	526,567	(D)
Water transportation	(D)	92,742*	95,575*	102,605*	109,023*	131,002*	153,106	165,606	174,399	209,111	209,207	233,713
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	322,344
Communication	154,689*	168,926*	183,988*	196,279*	202,833*	218,775*	465,555	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	273,500	305,524	317,515	313,544	317,920	327,207
Wholesale trade	506,686	540,383	590,928	645,380	730,359	762,064	1,225,046	1,401,022	1,515,741	1,569,583	1,724,207	1,867,048
Retail trade	1,072,441	1,175,644	1,271,683	1,365,974	1,438,421	1,499,325	2,423,823	2,570,171	2,749,565	2,831,258	3,052,794	3,218,348
Finance, insurance, and real estate	420,925	453,441	526,689	680,625	675,583	671,470	1,058,366	1,225,051	1,454,805	1,847,718	1,910,246	1,916,899
Banking and credit agencies	175,282*	185,438*	222,299*	234,264*	(D)	253,197*	401,712	440,824	520,045	638,570	725,542	773,359
Other finance, insurance, and real estate[9]	230,090*	251,110*	285,742*	417,280*	(D)	414,146*	656,654	784,227	934,760	1,209,148	1,184,704	1,143,540
Services	1,994,570	2,245,629	2,530,783	2,894,258	3,175,052	3,486,994	4,518,937	5,053,725	5,598,931	6,276,146	7,102,772	7,886,135
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	64,948	72,942	78,375	(D)	(D)	(D)
Personal services	103,357	123,724	138,579	154,418	173,626	193,167	193,007	242,386	258,743	273,954	328,941	373,667
Private households	67,793	68,604	69,143	70,138	75,113	79,525	70,862	72,411	73,700	75,067	80,893	86,549
Business services	313,426	386,174	443,962	524,256	591,073	667,825	1,151,261	1,335,305	1,509,076	1,718,946	2,040,567	2,295,719
Auto repair, services, and garages	74,303	84,691	95,270	111,457	120,638	128,883	235,739	271,686	285,807	298,131	317,760	349,489
Miscellaneous repair services	57,818	56,403	64,381	63,568	71,367	76,424	170,070	168,013	144,494	131,223	142,955	146,323
Amusement and recreation services	(D)	(D)	(D)	(D)	61,792	(D)	100,445	99,390	106,369	119,050	140,551	165,013
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	16,436	20,064	23,489	24,492	29,715	33,775
Health services	692,606	764,617	855,019	989,646	1,100,181	1,205,619	1,443,947	1,607,194	1,763,205	2,006,301	2,134,295	2,309,282
Legal services	122,482	133,419	153,430	174,270	198,655	219,249	241,602	274,453	316,005	361,539	416,060	458,032
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	101,218	106,585	113,670	132,989	151,026	168,341
Social services	35,551*	38,934*	43,456*	48,060*	53,471*	63,554*	111,430	119,461	135,114	161,625	199,271	234,087
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	758	797	795	851*	915*	976*
Membership organizations	70,319	75,654	74,346	86,055	99,137	102,682	177,708	194,641	210,229	221,239	249,485	270,877
Miscellaneous services	210,116	243,003	289,679	330,600	323,412	355,466	439,506	468,397	579,860	658,484	773,953	902,574
Government and government enterprises	4,909,996	5,231,432	5,391,342	5,768,056	6,173,244	6,514,462	3,804,985	4,313,810	4,319,369	4,620,229	4,949,160	5,288,036
Federal, civilian	1,427,486	1,494,980	1,480,749	1,541,595	1,688,176	1,747,490	774,905	804,876	808,325	845,363	915,390	977,838
Military	2,425,364	2,567,372	2,614,067	2,796,654	2,928,786	3,079,042	370,357	405,248	411,737	448,452	453,064	486,885
State and local	1,057,146	1,169,080	1,296,526	1,429,807	1,556,282	1,687,930	2,659,723	3,103,686	3,099,307	3,326,414	3,580,706	3,823,313

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Ocala, FL (MSA)						Odessa, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,506,064**	**1,712,161**	**1,894,201**	**2,091,040**	**2,278,644**	**2,524,643**	**1,691,299**	**1,777,058**	**1,559,901**	**1,522,214**	**1,595,111**	**1,685,408**
Nonfarm personal income	1,488,009	1,694,819	1,872,447	2,070,939	2,248,352	2,500,074	1,689,264	1,775,294	1,557,976	1,519,845	1,592,627	1,683,121
Farm income[1]	18,055	17,342	21,754	20,101	30,292	24,569	2,035	1,764	1,925	2,369	2,484	2,287
Population (thousands)[2]	155.4	164.8	173.8	182.4	189.8	198.8	134.3	134.1	133.8	126.0	124.7	121.7
Per capita personal income (dollars)	**9,691**	**10,392**	**10,897**	**11,463**	**12,003**	**12,699**	**12,596**	**13,250**	**11,658**	**12,078**	**12,790**	**13,850**
Derivation of total personal income:												
Total earnings by place of work	834,341	933,896	1,046,663	1,174,654	1,283,507	1,380,829	1,328,603	1,404,967	1,158,706	1,115,602	1,164,314	1,206,770
Less: Personal contributions for social insurance[3]	45,795	54,422	61,112	65,848	75,734	86,809	70,706	79,111	65,207	64,381	68,852	74,084
Plus: Adjustment for residence	39,271	46,309	46,101	46,681	50,948	55,317	63,872	59,908	52,563	54,572	56,649	48,824
Equals: Net earnings by place of residence	827,817	925,783	1,031,652	1,155,487	1,258,721	1,349,337	1,321,769	1,385,764	1,146,062	1,105,793	1,152,111	1,181,510
Plus: Dividends, interest, and rent[5]	340,103	398,693	431,863	457,211	510,297	602,862	229,002	240,833	231,889	228,192	247,014	283,977
Plus: Transfer payments	338,144	387,685	430,686	478,342	509,626	572,444	140,528	150,461	181,950	188,229	195,986	219,921
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	666,868	746,446	824,595	927,286	1,005,618	1,087,805	1,060,677	1,108,171	914,693	895,899	916,241	937,873
Other labor income	64,486	70,099	79,434	88,717	96,441	105,767	104,786	103,297	87,272	86,334	88,657	93,987
Proprietors' income[6]	102,987	117,351	142,634	158,651	181,448	187,257	163,140	193,499	156,741	133,369	159,416	174,910
Farm	4,880	4,398	9,025	6,858	17,129	11,409	1,756	1,502	1,675	2,115	2,239	2,050
Nonfarm	98,107	112,953	133,609	151,793	164,319	175,848	161,384	191,997	155,066	131,254	157,177	172,860
Earnings by industry:												
Farm	18,055	17,342	21,754	20,101	30,292	24,569	2,035	1,764	1,925	2,369	2,484	2,287
Nonfarm	816,286	916,554	1,024,909	1,154,553	1,253,215	1,356,260	1,326,568	1,403,203	1,156,781	1,113,233	1,161,830	1,204,483
Private	691,384	777,317	868,041	978,231	1,057,272	1,135,628	1,183,464	1,252,313	997,831	952,204	996,046	1,035,674
Agricultural services, forestry, fisheries, and other[7]	15,235	17,682	22,359	27,794	26,837	23,763	2,399	2,568	2,058	3,090	3,122	3,571
Agricultural services	14,618	17,091	21,880	27,315	26,332	23,289	2,148	2,403	1,965	3,006	3,057	2,990
Forestry, fisheries, and other[7]	617	591	479	479	505	474	251	165	93	84	65	581
Mining	4,272	6,210	4,008	4,116	5,179	5,027	293,573	310,104	207,228	193,565	199,451	163,824
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)
Oil and gas extraction	2,200	3,855	1,092	1,238	2,065	2,208	293,269	309,903	207,090	193,451	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	0	0	0	0
Nonmetallic minerals, except fuels	2,059	2,342	2,903	2,871	3,106	2,810	(D)	(D)	(D)	109	(D)	(D)
Construction	87,140	91,652	104,663	108,485	116,127	118,169	116,722	122,589	103,990	89,211	94,885	86,782
Manufacturing	145,326	169,846	186,497	203,083	220,037	230,507	144,033	146,411	124,764	144,567	135,813	199,922
Nondurable goods	40,222	40,422	43,189	44,573	49,009	51,012	55,569	60,004	60,918	87,219	69,720	128,599
Food and kindred products	10,668	10,613	9,495	8,772	9,058	8,519	3,197	3,617	1,880	1,363	2,272	2,718
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	5,223	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Paper and allied products	(D)	(D)	(D)	2,604	2,144	2,548	0	0	0	0	0	0
Printing and publishing	6,576	6,980	7,774	9,197	10,556	12,561	5,247	5,701	5,385	5,046	5,615	5,751
Chemicals and allied products	2,576	2,654	2,736	2,674	2,857	3,318	41,020	43,447	46,721	74,521	54,846	112,455
Petroleum and coal products	2,018	2,375	2,878	3,866	2,788	2,483	5,025	5,793	5,402	5,382	5,912	5,663
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	12,446	11,970	13,128	13,556	18,650	18,622	(D)	(D)	(D)	(D)	858	1,787
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	105,104	129,424	143,308	158,510	171,028	179,495	88,464	86,407	63,846	57,348	66,093	71,323
Lumber and wood products	26,748	30,366	31,682	32,353	30,918	32,402	(D)	(D)	152	172	250	431
Furniture and fixtures	9,710	13,622	16,847	(D)	(D)	(D)	121	(D)	(D)	(D)	(D)	0
Primary metal industries	(D)	(D)	(D)	(D)	(D)	1,183	579	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	6,245	7,210	7,301	25,146	25,472	23,055	12,128	10,077	7,076	6,500	6,446	10,588
Machinery, except electrical	7,609	7,957	9,142	11,247	11,621	12,764	64,880	62,783	43,882	38,948	46,387	47,265
Electric and electronic equipment	27,305	33,684	36,332	(D)	(D)	(D)	805	969	(D)	(D)	803	823
Transportation equip. excl. motor vehicles	(D)	1,861	1,931	2,372	2,148	1,916	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	14,328	18,981	24,743	31,101	42,228	50,202	0	(D)	(D)	0	(D)	(D)
Stone, clay, and glass products	5,694	5,019	4,882	6,024	6,318	6,953	9,193	9,919	8,143	8,558	9,654	9,119
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,301	(D)	1,030	748	644
Miscellaneous manufacturing industries	201	(D)	(D)	(D)	(D)	(D)	0	212	151	171	(D)	(D)
Transportation and public utilities	38,378	40,703	45,693	49,504	51,004	54,429	111,187	136,002	63,994	41,225	54,541	49,962
Railroad transportation	1,387	64	67	72	69	71	1,463	1,616	1,541	1,608	1,396	1,339
Trucking and warehousing	12,122	12,549	13,886	16,504	17,567	18,948	36,196	34,444	25,603	26,884	27,994	26,078
Water transportation	(D)	(D)	0	0	0	0	(L)	(L)	(L)	(D)	(L)	(L)
Other transportation[8]	(D)	(D)	1,565	1,765	1,767	1,674	14,499	12,515	12,070	(D)	10,738	11,294
Communication	15,745	16,233	17,113	17,723	19,020	20,455	20,947	20,897	19,359	18,294	17,003	16,896
Electric, gas, and sanitary services	7,222	9,593	13,062	13,440	12,581	13,281	38,100	66,542	5,438	−15,006	−2,592	−5,643
Wholesale trade	62,484	71,811	78,156	86,610	93,854	107,349	114,923	122,398	101,652	89,401	99,277	104,934
Retail trade	130,248	146,202	159,761	174,329	189,663	196,517	143,875	150,300	134,060	128,167	135,299	135,172
Finance, insurance, and real estate	43,759	47,221	51,858	70,102	66,181	66,982	50,009	46,003	44,609	47,947	45,193	45,078
Banking and credit agencies	20,037	22,985	26,234	29,625	29,833	30,706	23,703	22,477	21,090	18,747	18,222	18,522
Other finance, insurance, and real estate[9]	23,722	24,236	25,624	40,477	36,348	36,276	26,306	23,526	23,519	29,200	26,971	26,556
Services	164,542	185,990	215,046	254,208	288,390	332,885	206,743	215,938	215,476	215,031	228,465	246,429
Hotels and other lodging places	6,966	6,716	7,193	11,336	13,271	13,409	5,570	4,584	3,502	3,090	3,213	3,342
Personal services	9,542	12,113	13,771	15,618	18,196	20,482	13,509	16,102	14,988	14,061	15,947	16,910
Private households	4,899	5,039	5,147	5,270	5,684	6,079	3,437	3,502	3,544	3,547	3,746	3,941
Business services	18,438	21,672	25,859	33,119	38,188	40,042	55,314	60,595	59,526	52,539	55,869	61,142
Auto repair, services, and garages	9,734	11,240	12,376	13,297	14,603	16,091	16,940	19,155	18,079	18,359	18,367	20,248
Miscellaneous repair services	3,802	3,191	3,848	4,471	4,971	5,530	19,387	15,694	11,469	11,491	12,804	15,796
Amusement and recreation services	6,264	6,051	6,531	7,326	7,476	12,036	3,800	4,390	4,312	3,839	4,359	4,482
Motion pictures	542	696	742	682	(D)	(D)	402	(D)	219	(D)	(D)	(D)
Health services	50,918	58,419	63,469	79,960	92,923	108,997	45,913	49,975	53,432	55,806	63,655	67,780
Legal services	13,292	13,547	14,689	17,936	18,200	20,697	12,980	13,080	16,112	23,307	19,602	19,071
Educational services	(D)	3,048	3,356	3,867	(D)	(D)	1,316	(D)	1,495	(D)	(D)	(D)
Social services	3,784	4,733	6,496	6,353	8,386	10,568	2,459	2,349	2,667	2,879	2,811	2,833
Museums, botanical, zoological gardens	(D)	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	9,242	9,862	10,937	12,323	14,018	15,680	7,427	7,781	8,043	8,271	9,262	9,933
Miscellaneous services	24,623	29,663	40,632	42,650	48,209	59,073	18,289	17,109	18,088	15,747	16,403	17,655
Government and government enterprises	124,902	139,237	156,868	176,322	195,943	220,632	143,104	150,890	158,950	161,029	165,784	168,809
Federal, civilian	10,599	11,836	12,175	13,214	15,197	16,175	8,833	9,130	8,828	9,249	9,464	8,021
Military	1,706	1,982	2,167	2,385	2,511	2,654	2,199	2,479	2,673	2,691	2,761	2,750
State and local	112,597	125,419	142,526	160,723	178,235	201,803	132,072	139,281	147,449	149,089	153,559	158,038

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Oklahoma City, OK (MSA)						Olympia, WA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**12,813,995**	**13,213,827**	**13,220,452**	**13,308,232**	**14,037,648**	**14,945,031**	**1,676,589**	**1,826,742**	**1,983,355**	**2,131,223**	**2,295,720**	**2,548,038**
Nonfarm personal income	12,782,875	13,174,793	13,148,250	13,240,709	13,968,005	14,872,008	1,651,495	1,799,364	1,947,660	2,092,792	2,252,561	2,499,194
Farm income[1]	31,120	39,034	72,202	67,523	69,643	73,023	25,094	27,378	35,695	38,431	43,159	48,844
Population (thousands)[2]	971.5	979.0	982.2	967.4	963.8	962.0	138.4	141.9	146.4	151.1	156.6	162.7
Per capita personal income (dollars)	**13,191**	**13,498**	**13,460**	**13,756**	**14,566**	**15,536**	**12,112**	**12,870**	**13,546**	**14,106**	**14,656**	**15,663**
Derivation of total personal income:												
Total earnings by place of work	10,267,167	10,410,233	10,286,063	10,323,730	10,868,180	11,451,928	1,025,029	1,119,582	1,227,419	1,337,959	1,442,008	1,582,452
Less: Personal contributions for social insurance[3]	610,566	646,018	644,427	643,625	699,701	759,513	56,489	64,249	71,150	78,969	84,965	96,171
Plus: Adjustment for residence	−278,788	−270,730	−271,124	−275,128	−292,745	−313,460	113,934	117,627	122,024	132,794	146,613	165,684
Equals: Net earnings by place of residence	9,377,813	9,493,485	9,370,512	9,404,977	9,875,734	10,378,955	1,082,474	1,172,960	1,278,293	1,391,784	1,503,656	1,651,965
Plus: Dividends, interest, and rent[5]	1,833,747	1,980,023	1,944,118	1,865,494	1,953,120	2,204,353	289,278	315,090	336,748	344,686	371,037	435,911
Plus: Transfer payments	1,602,435	1,740,319	1,905,822	2,037,761	2,208,794	2,361,723	304,837	338,692	368,314	394,753	421,027	460,162
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,400,629	8,508,964	8,320,765	8,348,236	8,738,202	9,178,489	848,577	929,123	1,013,490	1,096,237	1,176,932	1,290,726
Other labor income	820,081	779,941	772,052	748,786	791,929	855,560	57,638	59,746	65,190	69,286	74,501	82,804
Proprietors' income[6]	1,046,457	1,121,328	1,193,246	1,226,708	1,338,049	1,417,879	118,814	130,713	148,739	172,436	190,575	208,922
Farm	22,500	30,691	64,125	59,218	61,524	65,044	17,899	20,171	28,478	30,741	35,358	40,815
Nonfarm	1,023,957	1,090,637	1,129,121	1,167,490	1,276,525	1,352,835	100,915	110,542	120,261	141,695	155,217	168,107
Earnings by industry:												
Farm	31,120	39,034	72,202	67,523	69,643	73,023	25,094	27,378	35,695	38,431	43,159	48,844
Nonfarm	10,236,047	10,371,199	10,213,861	10,256,207	10,798,537	11,378,905	999,935	1,092,204	1,191,724	1,299,528	1,398,849	1,533,608
Private	8,058,994	8,022,668	7,785,807	7,755,286	8,252,059	8,630,562	568,530	608,773	671,879	733,354	775,965	852,405
Agricultural services, forestry, fisheries, and other[7]	24,906	23,872	23,590	29,326	30,122	31,098	10,727	11,312	12,533	13,115	13,993	15,891
Agricultural services	22,200*	21,943*	21,912*	28,709	29,608	30,854	4,183	4,133	5,048	6,241	6,405	6,759
Forestry, fisheries, and other[7]	(D)	(D)	213*	617	514	244	6,544	7,179	7,485	6,874	7,588	9,132
Mining	721,984	637,825	501,454	432,499	467,503	459,123	2,920	3,666	1,966	2,347	2,781	2,688
Coal mining	(D)	1,643*	1,197*	(D)	(D)	1,001	205	171	159	74	91	99
Oil and gas extraction	687,896*	606,577*	472,548*	422,777	457,051	448,858	1,698	2,594	822	1,017	1,484	1,579
Metal mining	(D)	208*	157*	(D)	(D)	258	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	8,480*	8,938*	9,006	1,027	905	985	1,256	1,206	1,010
Construction	674,584	610,667	538,685	496,100	551,017	506,336	63,890	58,406	67,629	75,110	86,490	93,713
Manufacturing	1,490,252	1,482,318	1,409,893	1,376,005	1,463,503	1,556,769	80,762	86,036	95,639	102,563	101,636	104,054
Nondurable goods	395,326	391,659	392,737	393,018	409,428	423,579	39,929	40,067	46,918	49,542	52,452	53,910
Food and kindred products	136,121*	137,434*	127,307*	119,167*	123,734*	122,819*	(D)	16,208	18,300	19,252	21,144	19,618
Textile mill products	1,631*	872*	957*	964*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	12,363*	(D)	9,971*	9,317*	9,095*	(D)	0	(D)	(D)	0	(L)	(D)
Paper and allied products	9,271	10,738	12,353	11,854*	13,361*	18,287*	10,058	10,362	11,187	12,097	11,818	14,864
Printing and publishing	95,757	101,320	100,593	100,296*	99,976	102,461	4,820	5,812	6,550	7,117	8,076	8,902
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	843	2,963	(D)	(D)	(D)
Petroleum and coal products	21,634*	19,441*	19,013*	20,414*	23,538	23,192	0	0	0	0	0	0
Tobacco manufactures	344	217	315	407	420	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	81,717*	92,075*	85,969*	86,421*	(D)	(D)	5,297	6,001	6,099	5,659	(D)
Leather and leather products	216*	248*	264*	405	373*	(D)	0	0	0	0	0	0
Durable goods	1,094,926	1,090,659	1,017,156	982,987	1,054,075	1,133,190	40,833	45,969	48,721	53,021	49,184	50,144
Lumber and wood products	(D)	(D)	(D)	8,816*	8,269*	8,738*	22,943	27,115	29,101	32,542	29,905	30,063
Furniture and fixtures	9,858*	9,355*	10,278*	13,405*	14,765*	17,000*	587	(D)	691	788	915	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	19,235*	0	0	0	0	0	(D)
Fabricated metal products	(D)	117,116*	107,695*	(D)	99,953*	(D)	(D)	(D)	(D)	14,066	11,772	13,862
Machinery, except electrical	312,276*	(D)	(D)	(D)	(D)	(D)	837	772	918	1,063	1,185	1,189
Electric and electronic equipment	102,795*	86,023*	83,217*	80,411*	173,846*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	46,757*	37,321*	36,994	51,283*	44,889*	52,259*	1,849	2,882	2,421	1,789	1,957	891
Motor vehicles and equipment	(D)	339,562*	299,723*	(D)	295,617*	308,531*	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,540	1,541	1,485	1,692	2,069	1,621
Instruments and related products	(D)	(D)	(D)	(D)	12,216*	12,678*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	36,318*	40,018*	35,146	33,578	42,457*	44,386*	(D)	613	480	863	1,008	1,091
Transportation and public utilities	706,966	679,558	690,073	693,164	701,206	726,249	38,891	39,467	41,759	44,895	49,258	59,319
Railroad transportation	24,357	19,981*	20,752	18,602*	20,456	21,807	1,047	889	(D)	(D)	643	(D)
Trucking and warehousing	248,150	218,430	211,487	216,567	225,595	200,651	11,518	12,258	13,753	16,076	17,304	19,397
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	1,854	2,225	1,813	2,589	4,255	5,323
Other transportation[8]	56,983*	57,221*	(D)	(D)	68,094*	116,408*	1,947	1,831	(D)	(D)	2,558	(D)
Communication	235,010*	234,009*	239,246*	237,888*	226,321*	223,392*	14,335	14,092	14,956	14,587	15,240	16,314
Electric, gas, and sanitary services	130,642*	133,285*	147,630	148,932	155,094	156,690	8,190	8,172	8,606	8,691	9,258	9,405
Wholesale trade	690,358	696,429	648,180	624,220	638,866	671,916	35,038	35,444	38,657	35,026	37,179	43,219
Retail trade	1,171,130	1,157,718	1,113,305	1,085,621	1,152,683	1,182,713	113,014	119,814	126,748	135,214	144,785	159,091
Finance, insurance, and real estate	662,395	667,169	674,218	689,200	665,795	670,111	38,959	40,754	46,296	54,848	48,905	48,652
Banking and credit agencies	240,266*	261,249*	272,295	231,530*	224,516*	214,877*	15,962	16,771	19,134	19,675	19,270	20,614
Other finance, insurance, and real estate[9]	382,130*	383,607*	401,923	441,200*	436,679*	432,826*	22,997	23,983	27,162	35,173	29,635	28,038
Services	1,916,419	2,067,112	2,186,409	2,329,151	2,581,364	2,826,247	184,329	213,874	240,652	270,236	290,938	325,778
Hotels and other lodging places	34,707*	43,922*	45,323*	45,053*	44,852*	45,397*	5,174	5,909	4,547	4,132	5,392	6,416
Personal services	102,127	127,269	130,307	132,274	148,093	167,010	9,478	12,202	13,045	14,157	15,748	17,399
Private households	31,398	31,359	31,139	30,579*	31,859*	33,140*	(D)	1,237	1,247	1,264	1,357	1,448
Business services	384,090	417,827	440,773	457,708	541,901	634,759	31,349	35,784	44,295	46,696	40,351	46,245
Auto repair, services, and garages	132,263	146,726	149,316	152,953	155,046	162,573	9,616	11,318	13,702	14,499	15,002	16,392
Miscellaneous repair services	36,079	33,068	31,580	35,292	42,603	45,492	4,873	4,832	5,874	5,865	6,447	7,277
Amusement and recreation services	29,949	35,210	35,935	39,092	45,682	56,615	3,231	3,027	4,048	4,562	4,886	5,204
Motion pictures	4,922*	5,570*	6,253*	6,176*	6,674*	8,554*	(D)	463	(D)	(D)	(D)	(D)
Health services	598,054	627,690	662,325	719,991	798,568	852,464	75,147	89,789	98,136	115,766	130,517	146,919
Legal services	200,051	226,719	251,748	277,871	304,215	318,091	8,034	9,926	10,711	11,894	12,660	13,968
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	5,831	6,136	6,691	7,093	8,490	9,210
Social services	41,451*	44,122*	48,931*	56,931	58,352	64,041	4,661	5,683	5,957	6,795	7,820	9,163
Museums, botanical, zoological gardens	1,723	1,563	1,509	1,615	1,742	1,658	0	0	(D)	(D)	(D)	(D)
Membership organizations	74,826*	76,647	79,236	84,866	91,605	96,229	14,761	15,214	17,182	19,174	22,407	23,611
Miscellaneous services	197,181	201,985	217,342	228,533	244,383	268,198	10,434	12,354	14,710	17,718	19,187	21,808
Government and government enterprises	2,177,053	2,348,531	2,428,054	2,500,921	2,546,478	2,748,343	431,405	483,431	519,845	566,174	622,884	681,203
Federal, civilian	787,520	869,077	880,628	913,976	918,539	1,002,256	18,703	20,593	21,321	23,010	25,646	27,840
Military	187,671	203,568	217,343	232,184	233,459	235,935	6,473	7,639	8,180	8,721	9,434	8,979
State and local	1,201,862	1,275,886	1,330,083	1,354,761	1,394,480	1,510,152	406,229	455,199	490,344	534,443	587,804	644,384

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Omaha, NE—IA (MSA)						Orange County, NY (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,005,980**	**8,450,919**	**8,811,895**	**9,233,832**	**9,799,701**	**10,534,219**	**3,660,255**	**3,982,294**	**4,395,570**	**4,887,347**	**5,366,005**	**5,741,129**
Nonfarm personal income	7,949,271	8,355,389	8,706,081	9,145,817	9,735,337	10,457,290	3,634,931	3,957,658	4,366,981	4,855,364	5,333,914	5,705,296
Farm income[1]	56,709	95,530	105,814	88,015	64,364	76,929	25,324	24,636	28,589	31,983	32,091	35,833
Population (thousands)[2]	606.6	611.0	612.1	613.8	621.6	628.8	272.7	276.0	281.5	287.8	293.5	299.4
Per capita personal income (dollars)	**13,198**	**13,831**	**14,397**	**15,043**	**15,765**	**16,753**	**13,424**	**14,428**	**15,617**	**16,980**	**18,281**	**19,178**
Derivation of total personal income:												
Total earnings by place of work	6,362,422	6,749,813	7,086,038	7,476,616	7,966,007	8,438,508	1,846,041	2,026,851	2,209,304	2,501,368	2,750,288	2,928,776
Less: Personal contributions for social insurance[3]	422,028	471,892	496,762	550,292	612,916	670,086	111,960	128,281	145,326	163,755	187,084	204,537
Plus: Adjustment for residence	−183,236	−200,220	−222,198	−234,387	−242,405	−252,954	831,594	933,269	1,105,752	1,253,233	1,377,739	1,414,568
Equals: Net earnings by place of residence	5,757,158	6,077,701	6,367,078	6,691,937	7,110,686	7,515,468	2,565,675	2,831,839	3,169,730	3,590,846	3,940,943	4,138,807
Plus: Dividends, interest, and rent[5]	1,231,359	1,284,312	1,312,666	1,359,916	1,423,849	1,625,551	521,230	544,672	580,041	617,062	700,851	801,422
Plus: Transfer payments	1,017,463	1,088,906	1,132,151	1,181,979	1,265,166	1,393,200	573,350	605,783	645,799	679,439	724,211	800,900
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,338,450	5,670,821	5,931,122	6,245,362	6,668,483	7,049,862	1,515,732	1,674,285	1,827,825	2,033,629	2,242,028	2,387,357
Other labor income	486,420	491,676	512,143	531,215	562,147	600,372	130,118	136,539	149,164	162,360	177,382	190,943
Proprietors' income[6]	537,552	587,316	642,773	700,039	735,377	788,274	200,191	216,027	232,315	305,379	330,878	350,476
Farm	45,847	85,293	96,163	78,464	55,319	68,468	15,231	14,621	18,704	21,648	21,781	25,405
Nonfarm	491,705	502,023	546,610	621,575	680,058	719,806	184,960	201,406	213,611	283,731	309,097	325,071
Earnings by industry:												
Farm	56,709	95,530	105,814	88,015	64,364	76,929	25,324	24,636	28,589	31,983	32,091	35,833
Nonfarm	6,305,713	6,654,283	6,980,224	7,388,601	7,901,643	8,361,579	1,820,717	2,002,215	2,180,715	2,469,385	2,718,197	2,892,943
Private	5,146,407	5,421,144	5,697,495	6,024,005	6,465,730	6,852,356	1,346,989	1,486,075	1,632,779	1,885,136	2,075,014	2,183,597
Agricultural services, forestry, fisheries, and other[7]	21,719*	20,832*	21,666*	29,290*	31,331*	33,298*	7,656	8,149	9,233	13,723	14,255	14,458
Agricultural services	21,980	20,538*	21,449*	29,077*	31,135*	33,122*	7,466	7,960	9,090	13,594	14,122	14,339
Forestry, fisheries, and other[7]	(D)	299	216	214	194	173	190	189	143	129	133	119
Mining	19,290*	24,378*	(D)	(D)	(D)	(D)	4,762	6,869	3,202	3,841	5,710	5,705
Coal mining	3,083	2,504	2,648	(D)	(D)	2,272	58	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,770	5,562	1,812	1,834	3,402	3,552
Metal mining	−53	(L)	(L)	246	(D)	(D)	(L)	(L)	(L)	56	56	62
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	948	1,273	1,346	1,933	2,232	2,070
Construction	338,951*	395,171	401,269	402,434	437,323	428,763	100,379	122,800	160,067	203,355	218,701	206,920
Manufacturing	845,719	851,738	868,059	904,261	984,859	1,019,039	316,096	325,484	339,228	340,883	371,495	373,987
Nondurable goods	379,169*	393,474*	425,614	441,760*	476,201*	523,332	172,666	170,951	174,181	166,255	179,485	182,645
Food and kindred products	208,546	195,184*	197,734*	230,415	253,658	277,626	17,635	13,720	13,190	10,660	8,078	8,692
Textile mill products	(D)	(D)	(D)	1,677*	1,807*	(D)	13,501	11,643	13,116	13,481	15,221	14,588
Apparel and other textile products	8,597*	(D)	(D)	(D)	(D)	(D)	14,937	13,329	13,392	12,798	12,607	12,811
Paper and allied products	28,025*	30,586*	35,211*	38,060*	40,373*	40,267*	25,798	27,767	24,027	20,447	20,395	23,158
Printing and publishing	79,753*	92,760*	100,093*	107,424*	116,413*	121,870*	19,827	21,910	24,354	26,877	30,942	32,173
Chemicals and allied products	(D)	30,959*	29,540*	29,315*	25,672*	25,465*	49,338	50,790	49,773	47,918	55,429	51,952
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	3,430	3,662	6,577	2,974	3,806	3,512
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	19,047	20,408	21,655	(D)	24,883	26,409	28,231	29,746	31,559	34,455
Leather and leather products	(D)	(D)	5,796	7,164	(D)	(D)	3,317	1,721	1,521	1,354	1,448	1,304
Durable goods	452,025*	441,992*	442,445	444,779*	488,899*	495,707	143,430	154,533	165,047	174,628	192,010	191,342
Lumber and wood products	5,569*	(D)	6,686*	8,142	8,865*	9,147*	(D)	(D)	(D)	13,042	14,917	15,618
Furniture and fixtures	31,692*	(D)	(D)	33,045*	35,735*	40,472*	7,002	6,548	6,305	9,157	10,464	13,413
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	31,052	26,885	27,099	28,050	32,067	34,498
Fabricated metal products	46,995*	(D)	(D)	(D)	(D)	48,279*	29,882	31,452	31,376	30,419	34,276	39,478
Machinery, except electrical	136,263	128,069	124,826	129,081	142,539	144,971	25,317	28,151	28,378	23,731	17,207	7,244
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	20,598	21,862	22,728	25,543	33,838	30,618
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	6,983*	6,771*	0	0	0	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,478	(D)	351
Stone, clay, and glass products	(D)	(D)	15,503*	(D)	(D)	(D)	8,736	11,156	14,828	16,921	22,036	24,635
Instruments and related products	13,192*	13,842	14,047	14,912	18,474*	20,715	8,458	10,422	11,117	10,649	10,232	11,774
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	6,685	10,028	12,976	14,638	(D)	13,713
Transportation and public utilities	827,870	841,555	840,012	833,602	859,592	884,654	160,344	160,389	152,210	196,932	205,035	221,980
Railroad transportation	251,147	242,279	222,964*	208,205	203,049	209,510	2,577	2,880	3,174	(D)	3,444	3,459
Trucking and warehousing	198,281	198,332	217,539	251,160	(D)	(D)	77,724	79,487	80,400	90,482	101,160	106,246
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	−124	−192	(D)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18,502	5,248	30,329	27,768	29,731
Communication	217,013*	227,584*	227,988*	232,734*	253,104	256,851	32,491	30,882	31,195	35,770	35,608	40,878
Electric, gas, and sanitary services	108,161	117,952	(D)	71,414	50,805*	39,921*	25,778	28,762	32,385	36,941	37,032	41,691
Wholesale trade	551,652	554,458	573,324	620,449	691,339	722,175	92,334	120,173	136,550	157,364	178,024	190,995
Retail trade	583,986	626,936	654,921	675,998	713,240	764,268	215,065	238,977	272,226	308,067	353,521	375,640
Finance, insurance, and real estate	566,874	620,887	686,874	770,813	766,498	784,018	63,370	65,037	81,168	108,284	107,547	112,841
Banking and credit agencies	140,311	152,667	162,421*	168,112*	176,739*	178,779*	34,979	30,415	33,594	36,772	39,868	40,702
Other finance, insurance, and real estate[9]	426,563	468,220	521,997*	599,406*	586,739*	602,235*	28,391	34,622	47,574	71,512	67,679	72,139
Services	1,248,423*	1,482,596	1,635,552	1,771,701	1,964,626	2,199,089	386,983	438,197	478,895	552,687	620,726	681,071
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	8,183	10,866	11,362	13,324	14,569	16,215
Personal services	57,012	68,049	74,678	78,063	91,149	101,014	19,964	26,110	29,385	32,625	36,096	40,295
Private households	14,987	15,002	14,818	14,683	15,533	16,272	6,030	6,038	6,011	5,991	6,320	6,602
Business services	269,710	327,814	382,043	416,431	470,941	579,794	41,153	50,963	58,224	70,930	82,780	88,373
Auto repair, services, and garages	63,779	66,083	70,110	71,591	75,138	81,820	22,853	26,060	27,527	31,144	32,936	36,314
Miscellaneous repair services	27,522	26,478	29,860	27,745	34,012	32,153	13,075	12,328	12,408	9,782	11,128	11,645
Amusement and recreation services	22,933	24,361*	31,707*	35,190*	38,488*	40,404*	8,249	7,211	7,890	8,820	9,270	9,695
Motion pictures	4,409*	4,532*	4,420*	4,585*	4,906*	4,244*	1,508	1,633	1,737	1,660	2,653	3,529
Health services	(D)	(D)	535,576	600,096	651,455	706,912	147,694	162,014	170,383	199,430	220,997	242,933
Legal services	113,532	124,583	149,228	156,819	175,231	189,262	35,462	40,750	46,065	52,695	59,647	66,327
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	14,749	15,875	15,836	16,180	17,623	18,721
Social services	49,615	53,065	57,075*	62,429*	71,195*	81,052*	18,623	21,417	24,620	27,628	31,264	36,419
Museums, botanical, zoological gardens	2,234	2,666	2,854	2,951	3,261	3,559	531	584	607	721	714	827
Membership organizations	45,947	46,679	46,243	50,797	55,076	56,985	17,571	18,875	19,992	23,489	27,166	28,966
Miscellaneous services	107,223	115,487	125,598	132,377	154,594	171,899	31,338	37,473	46,848	58,268	67,563	74,210
Government and government enterprises	1,159,306	1,233,139	1,282,729	1,364,596	1,435,913	1,509,223	473,728	516,140	547,936	584,249	643,183	709,346
Federal, civilian	221,425	232,818	234,147	247,969	255,439	272,664	103,310	112,652	109,583	116,670	129,811	137,649
Military	307,750	331,048	345,675	368,024	373,904	383,636	90,212	96,224	99,371	91,636	93,237	98,970
State and local	630,131	669,273	702,907	748,603	806,570	852,923	280,206	307,264	338,982	375,943	420,135	472,727

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Orlando, FL (MSA)						Owensboro, KY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**10,594,089**	**11,829,115**	**13,102,718**	**14,511,729**	**16,069,077**	**17,705,029**	**1,019,437**	**1,044,484**	**1,067,671**	**1,116,696**	**1,188,030**	**1,295,810**
Nonfarm personal income	10,394,287	11,629,611	12,888,329	14,302,014	15,825,548	17,477,925	996,847	1,029,565	1,058,721	1,108,303	1,178,524	1,271,773
Farm income[1]	199,802	199,504	214,389	209,715	243,529	227,104	22,590	14,919	8,950	8,393	9,506	24,037
Population (thousands)[2]	828.9	862.7	901.3	937.2	971.2	1,009.4	87.8	87.8	88.2	87.8	87.8	87.7
Per capita personal income (dollars)	**12,781**	**13,712**	**14,537**	**15,484**	**16,546**	**17,540**	**11,617**	**11,898**	**12,103**	**12,722**	**13,538**	**14,769**
Derivation of total personal income:												
Total earnings by place of work	8,301,446	9,350,346	10,519,951	11,774,432	13,119,688	14,315,463	680,261	682,034	698,079	734,071	780,824	846,964
Less: Personal contributions for social insurance[3]	441,216	524,267	596,049	634,721	733,867	829,040	35,411	38,302	40,725	42,985	47,805	53,371
Plus: Adjustment for residence	−237,700	−299,690	−363,439	−429,335	−493,664	−559,490	60,773	64,647	58,862	63,012	64,785	68,797
Equals: Net earnings by place of residence	7,622,530	8,526,389	9,560,463	10,710,376	11,892,157	12,926,933	705,623	708,379	716,216	754,098	797,804	862,390
Plus: Dividends, interest, and rent[5]	1,546,924	1,733,469	1,866,111	1,998,062	2,225,233	2,612,619	164,920	177,726	180,265	182,061	196,804	225,164
Plus: Transfer payments	1,424,635	1,569,257	1,676,144	1,803,291	1,951,687	2,165,477	148,894	158,379	171,190	180,537	193,422	208,256
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,908,913	7,783,324	8,705,328	9,740,284	10,841,972	11,894,151	529,830	539,402	553,233	578,913	609,936	648,979
Other labor income	644,452	702,037	802,191	877,013	970,133	1,066,123	59,428	56,992	57,955	58,513	61,175	66,206
Proprietors' income[6]	748,081	864,985	1,012,432	1,157,135	1,307,583	1,355,189	91,003	85,640	86,891	96,645	109,713	131,779
Farm	151,301	151,380	166,595	159,441	193,073	175,982	19,367	11,704	5,730	4,986	6,066	20,502
Nonfarm	596,780	713,605	845,837	997,694	1,114,510	1,179,207	71,636	73,936	81,161	91,659	103,647	111,277
Earnings by industry:												
Farm	199,802	199,504	214,389	209,715	243,529	227,104	22,590	14,919	8,950	8,393	9,506	24,037
Nonfarm	8,101,644	9,150,842	10,305,562	11,564,717	12,876,159	14,088,359	657,671	667,115	689,129	725,678	771,318	822,927
Private	7,038,988	7,980,152	9,020,607	10,133,458	11,286,796	12,309,090	572,478	578,971	595,366	626,762	662,485	709,405
Agricultural services, forestry, fisheries, and other[7]	54,622	59,567	69,660	83,205	93,810	103,289	2,104	1,970	2,075	2,553	2,101	2,181
Agricultural services	54,044	58,928	69,118	82,667	93,209	102,552	2,083	1,951	2,057	2,539	2,083	2,163
Forestry, fisheries, and other[7]	578	639	542	538	601	737	(L)	(L)	(L)	(L)	(L)	(L)
Mining	13,706	20,964	8,175	9,219	13,623	15,328	31,051	28,601	26,200	25,177	18,810	15,053
Coal mining	73	71	70	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	13,019	(D)	(D)	(D)	(D)	(D)	9,886	9,509	6,354	5,272	4,399	3,938
Metal mining	(D)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	902*	1,783*	2,205*	2,211*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	752,406	829,265	929,747	954,044	1,104,428	1,127,600	50,217	51,231	55,645	59,986	64,794	66,521
Manufacturing	1,142,992	1,316,967	1,472,823	1,597,100	1,778,705	1,804,960	157,479	152,392	144,211	141,278	152,137	163,739
Nondurable goods	303,045	331,469	347,527	362,741	430,674	455,715	70,771	72,511	78,791	80,346	71,243	71,347
Food and kindred products	108,491	112,323	117,646	110,773	118,488	125,973	38,458	37,976	39,189	38,753	40,028	38,995
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0
Apparel and other textile products	6,366*	5,820*	6,593*	6,804*	9,643*	11,212	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	25,380*	21,890*	19,821*	18,307*	17,398*	17,444*	0	0	(D)	(D)	(D)	(D)
Printing and publishing	111,416	138,981	147,989	162,249	187,196	198,208	4,110	4,514	5,126	5,543	5,488	5,565
Chemicals and allied products	22,273	24,176*	26,412*	26,979*	29,380*	27,454*	(D)	(D)	897	1,133	1,587	(D)
Petroleum and coal products	(D)	(D)	270	462	1,394	(D)	756	616	627	641	706	660
Tobacco manufactures	0	0	0	0	0	0	13,678	14,560	15,772	(D)	(D)	(D)
Rubber and misc. plastic products	24,407*	24,194*	24,874*	32,269*	(D)	(D)	13,031	14,000	17,029	18,452	7,211	7,596
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	839,947	985,498	1,125,296	1,234,359	1,348,031	1,349,245	86,708	79,881	65,420	60,932	80,894	92,392
Lumber and wood products	29,850	33,551	39,537	42,596	42,480	25,875*	742	794	2,035	2,890	2,877	3,621
Furniture and fixtures	13,099	12,446*	13,897*	16,189*	25,883	26,425	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	6,616	(D)	(D)	(D)	11,663	4,442	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	15,843	15,746	16,723	17,018	19,466	20,410
Machinery, except electrical	78,158	89,962	92,898	92,128	152,585	157,946	1,941	2,129	1,976	1,988	2,191	2,518
Electric and electronic equipment	165,620	175,989	196,893	217,486	229,763*	287,454	38,539	38,086	31,141	23,488	37,727	40,085
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	12,800*	15,226*	17,635	20,674	20,787	0	0	0	(D)	(D)	0
Stone, clay, and glass products	33,342	35,084	38,830	44,439	46,156	47,179	1,761	1,684	1,761	2,092	2,357	2,172
Instruments and related products	32,107*	45,341*	51,001*	52,570*	51,753*	47,003*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	5,555	4,980*	5,686*	5,674*	7,661*	7,659*	0	0	(D)	(D)	(D)	0
Transportation and public utilities	584,078	649,352	726,328	768,067	837,870	911,585	70,420	72,350	72,445	72,959	76,443	83,044
Railroad transportation	13,289	12,351	(D)	12,948	(D)	(D)	2,313	2,106	1,705	1,392	1,631	1,711
Trucking and warehousing	137,729	148,499	171,378	180,510	205,606	235,239	11,519	12,539	13,384	13,294	14,603	15,804
Water transportation	(D)	(D)	(D)	(D)	(D)	1,015*	(D)	1,367	1,444	1,145	917	926
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,951	6,528	6,076	5,247	5,500
Communication	280,851*	312,686*	332,725*	332,585*	(D)	350,825*	16,156	14,711	13,131	14,253	14,079	14,707
Electric, gas, and sanitary services	(D)	(D)	(D)	57,447	60,010	68,294	34,248	35,676	36,253	36,799	39,966	44,396
Wholesale trade	639,008	720,215	745,188	846,170	921,524	1,001,114	35,211	38,048	39,118	43,704	46,747	51,162
Retail trade	980,954	1,090,085	1,248,472	1,383,812	1,537,394	1,689,790	78,023	79,319	81,713	82,949	91,825	97,685
Finance, insurance, and real estate	555,364	630,902	729,377	937,246	958,930	982,535	22,552	23,766	28,649	33,370	30,522	34,206
Banking and credit agencies	142,332	167,215	194,620*	232,030	259,825	253,694*	9,980	10,492	11,746	11,884	12,986	14,417
Other finance, insurance, and real estate[9]	413,032	463,687	513,754*	705,216	699,105	697,716*	12,572	13,274	16,903	21,486	17,536	19,789
Services	2,315,858	2,662,835	3,090,837	3,554,595	4,040,512	4,672,889	125,421	131,294	145,310	164,786	179,106	195,814
Hotels and other lodging places	(D)	250,855	314,743	366,505	(D)	501,110	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	61,601*	76,667*	88,205*	94,473*	109,094*	126,427*	10,011	9,902	10,555	11,387	12,953	14,595
Private households	35,476	36,500	37,259	38,125	41,191	44,085	2,243	2,245	2,232	2,222	2,335	2,435
Business services	432,319	510,644	574,847	652,148	680,212	780,910	10,772	11,525	12,577	15,221	15,431	17,476
Auto repair, services, and garages	86,235	97,069	111,332	122,595	141,005	158,073	7,625	7,850	8,717	9,553	10,468	11,503
Miscellaneous repair services	34,189	33,920	37,961	39,504	41,144	48,723	2,233	1,941	2,498	2,883	3,640	4,556
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	2,552	2,634	2,936	3,266	3,514	3,707
Motion pictures	(D)	(D)	7,281*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	560,440	626,625	706,347	847,293	967,580	1,103,729	48,688	53,017	58,580	69,306	76,394	82,718
Legal services	137,740	160,501	190,822	233,812	278,846	301,836	9,442	9,837	11,574	13,200	13,667	15,058
Educational services	(D)	32,023*	33,806*	37,487*	44,928*	50,715*	8,627	8,754	9,248	9,879	10,615	11,407
Social services	34,982	39,785	44,966	51,566	65,745	78,131	2,202	2,191	2,311	2,680	3,008	3,436
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	64,088	69,247	76,163	84,452	98,764	107,278	4,761	4,699	4,788	5,040	5,624	5,891
Miscellaneous services	269,750	334,951	435,232	494,738	577,483	649,731	9,092	9,603	12,663	13,330	14,604	16,505
Government and government enterprises	1,062,656	1,170,690	1,284,955	1,431,259	1,589,363	1,779,269	85,193	88,144	93,763	98,916	108,833	113,522
Federal, civilian	187,329	209,860	215,759	236,114	258,694	284,084	7,973	8,437	8,449	8,659	9,365	9,339
Military	232,981	247,211	275,915	288,926	315,804	345,051	3,251	3,236	3,294	3,777	3,849	3,701
State and local	642,346	713,619	793,281	906,219	1,014,865	1,150,134	73,969	76,471	82,020	86,480	95,619	100,482

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Oxnard—Ventura, CA (PMSA)						Panama City, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,663,071**	**9,495,643**	**10,360,589**	**11,384,302**	**12,418,846**	**13,396,274**	**1,177,698**	**1,295,906**	**1,400,032**	**1,489,757**	**1,615,672**	**1,747,267**
Nonfarm personal income	8,377,657	9,207,461	10,036,041	11,028,382	12,022,329	13,023,672	1,177,170	1,295,351	1,399,264	1,489,083	1,614,990	1,746,734
Farm income[1]	285,414	288,182	324,548	355,920	396,517	372,602	528	555	768	674	682	533
Population (thousands)[2]	587.3	600.7	612.9	629.1	647.3	664.6	110.3	114.6	119.5	123.2	125.5	129.2
Per capita personal income (dollars)	**14,750**	**15,808**	**16,904**	**18,097**	**19,186**	**20,156**	**10,681**	**11,306**	**11,721**	**12,094**	**12,875**	**13,524**
Derivation of total personal income:												
Total earnings by place of work	4,683,270	5,173,356	5,723,342	6,398,989	7,098,942	7,598,266	847,259	933,519	1,001,503	1,064,204	1,145,869	1,203,994
Less: Personal contributions for social insurance[3]	258,647	300,561	336,402	373,889	429,750	480,139	45,025	51,834	56,271	56,361	63,130	68,746
Plus: Adjustment for residence	1,980,440	2,153,138	2,323,806	2,589,839	2,720,024	2,894,759	−22,058	−26,150	−27,150	−28,671	−28,742	−28,223
Equals: Net earnings by place of residence	6,405,063	7,025,933	7,710,746	8,614,939	9,389,216	10,012,886	780,176	855,535	918,082	979,172	1,053,997	1,107,025
Plus: Dividends, interest, and rent[5]	1,239,455	1,341,983	1,432,906	1,491,212	1,661,758	1,927,526	165,502	180,496	205,118	210,488	234,796	275,898
Plus: Transfer payments	1,018,553	1,127,727	1,216,937	1,278,151	1,367,872	1,455,862	232,020	259,875	276,832	300,097	326,879	364,344
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,602,591	4,004,945	4,398,414	4,908,151	5,424,146	5,838,656	713,387	780,514	829,192	874,702	933,515	976,127
Other labor income	343,601	367,366	412,359	459,095	513,575	562,119	55,163	58,778	63,947	67,537	72,660	78,082
Proprietors' income[6]	737,078	801,045	912,569	1,031,743	1,161,221	1,197,491	78,709	94,227	108,364	121,965	139,694	149,785
Farm	197,286	197,241	229,837	249,799	291,267	264,505	289	331	555	461	476	338
Nonfarm	539,792	603,804	682,732	781,944	869,954	932,986	78,420	93,896	107,809	121,504	139,218	149,447
Earnings by industry:												
Farm	285,414	288,182	324,548	355,920	396,517	372,602	528	555	768	674	682	533
Nonfarm	4,397,856	4,885,174	5,398,794	6,043,069	6,702,425	7,225,664	846,731	932,964	1,000,735	1,063,530	1,145,187	1,203,461
Private	3,438,359	3,841,368	4,292,836	4,871,956	5,449,864	5,876,723	572,008	636,168	690,990	735,137	788,545	823,480
Agricultural services, forestry, fisheries, and other[7]	76,385	91,873	91,743	114,060	124,257	130,283	5,357	8,081	11,092	10,709	13,010	12,525
Agricultural services	75,437	88,703	85,871	109,534	118,522	124,284	4,227	3,835	2,588	3,237	(D)	2,978
Forestry, fisheries, and other[7]	948	3,170	5,872	4,526	5,735	5,999	1,130	4,246	8,504	7,472	(D)	9,547
Mining	138,447	148,314	117,460	107,254	123,205	112,460	5,940	6,663	5,749	495	842	882
Coal mining	63	73	59	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(L)
Oil and gas extraction	128,563	137,501	106,409	96,279	(D)	96,350	(D)	(D)	(D)	492	821	878
Metal mining	(D)	(L)	0	0	(L)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	10,750	10,992	10,958	(D)	(D)	(D)	(D)	(D)	0	(D)	0
Construction	321,637	364,252	434,068	508,370	595,130	664,218	81,085	93,381	91,251	88,108	86,577	82,664
Manufacturing	727,513	828,892	866,773	933,514	1,010,555	1,087,115	85,859	85,001	90,727	89,089	94,887	99,617
Nondurable goods	167,647	170,677	154,360	169,914	177,982	209,082	47,098	42,225	49,189	51,111	56,037	54,259
Food and kindred products	49,888	46,559	35,465	29,967	29,445	36,698	(D)	(D)	(D)	1,278	493	511
Textile mill products	(D)	283	(D)	(D)	777	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	9,925	11,755	12,650	14,311	29,395	35,640	3,302	(D)	1,107	(D)	(D)	(D)
Paper and allied products	30,195	33,058	32,899	33,515	33,661	43,428	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	29,838	32,930	37,867	42,711	45,274	51,798	4,713	5,341	5,807	6,644	8,538	9,086
Chemicals and allied products	7,951	7,198	8,521	20,676	22,892	18,625	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	5,281	9,465	4,042	1,819	825	2,594	(D)	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	33,457	29,302	22,342	25,620	14,548	18,068	2,082	1,886	2,257	2,370	2,579	(D)
Leather and leather products	(D)	127	(D)	(D)	1,165	(D)	0	0	0	0	0	0
Durable goods	559,866	658,215	712,413	763,600	832,573	878,033	38,761	42,776	41,538	37,978	38,850	45,358
Lumber and wood products	7,191	5,985	6,388	8,831	9,001	12,165	6,636	7,092	7,478	7,125	7,221	8,358
Furniture and fixtures	9,403	12,260	5,296	6,197	12,704	11,688	(D)	(D)	646	680	726	(D)
Primary metal industries	16,845	16,177	17,785	19,589	20,890	24,125	(D)	(D)	(D)	(D)	(D)	9,376
Fabricated metal products	49,648	36,583	38,129	37,261	40,740	49,103	6,431	5,167	4,536	3,260	3,416	4,109
Machinery, except electrical	92,384	105,330	100,712	102,766	119,189	113,966	(D)	(D)	2,452	3,714	4,806	5,361
Electric and electronic equipment	140,516	212,693	231,045	249,829	249,597	276,939	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	172,167	198,047	216,808	237,946	242,341	245,310	7,414	8,650	9,934	6,933	6,478	8,484
Motor vehicles and equipment	4,749	4,781	4,586	4,391	4,030	3,865	(D)	(D)	(D)	(D)	(D)	0
Stone, clay, and glass products	8,375	9,719	13,071	13,002	26,896	27,969	(D)	(D)	(D)	(D)	3,419	3,297
Instruments and related products	49,734	49,730	72,291	75,935	99,481	104,996	(D)	469	426	461	(D)	(D)
Miscellaneous manufacturing industries	8,854	6,910	6,302	7,853	7,704	7,907	3,946	3,966	3,542	4,298	4,683	5,214
Transportation and public utilities	221,672	273,049	379,288	426,014	441,133	450,883	48,345	55,485	56,067	58,539	58,450	59,406
Railroad transportation	2,302	2,147	1,932	1,777	1,524	1,370	(D)	(D)	(D)	3,433	1,733	(L)
Trucking and warehousing	50,138	51,829	56,766	59,439	66,665	75,826	8,792	9,982	11,112	11,757	12,083	14,250
Water transportation	(D)	(D)	11,461	13,089	11,899	12,997	7,583	9,319	6,295	6,546	8,374	8,020
Other transportation[8]	(D)	(D)	43,648	(D)	(D)	(D)	2,174	2,429	3,265	4,481	4,252	3,960
Communication	78,658	121,893	213,029	(D)	(D)	(D)	17,680	19,683	18,794	18,603	17,809	18,817
Electric, gas, and sanitary services	47,363	48,837	52,452	55,976	61,510	65,115	(D)	(D)	(D)	13,719	14,199	14,315
Wholesale trade	191,110	208,037	219,689	247,880	344,484	373,834	26,182	29,477	30,637	33,369	35,150	36,668
Retail trade	514,577	550,020	606,617	668,789	737,702	800,513	124,009	137,756	153,531	160,819	174,348	177,633
Finance, insurance, and real estate	230,967	231,178	273,959	357,622	382,889	401,590	35,293	40,095	44,023	53,786	54,359	54,591
Banking and credit agencies	78,060	82,898	95,531	110,112	129,269	139,176	14,611	17,255	19,030	21,044	23,684	24,192
Other finance, insurance, and real estate[9]	152,907	148,280	178,428	247,510	253,620	262,414	20,682	22,840	24,993	32,742	30,675	30,399
Services	1,016,051	1,145,753	1,303,239	1,508,453	1,690,509	1,855,827	159,938	180,229	207,913	240,223	270,922	299,494
Hotels and other lodging places	16,677	23,411	32,698	34,698	39,006	50,964	17,760	19,155	21,545	25,136	26,967	23,805
Personal services	46,517	60,386	64,281	69,680	79,981	90,067	7,998	10,360	12,084	12,314	14,910	16,270
Private households	13,270	13,561	13,803	14,056	15,151	16,213	5,630	5,798	5,917	6,054	6,543	7,003
Business services	258,920	309,007	352,535	432,099	489,337	538,311	18,838	20,680	24,463	28,528	32,772	39,647
Auto repair, services, and garages	49,942	57,508	64,366	72,012	77,638	86,049	9,078	10,024	10,975	10,797	10,853	11,323
Miscellaneous repair services	33,673	35,729	33,253	31,066	38,210	40,675	5,590	5,857	8,573	7,646	7,998	8,633
Amusement and recreation services	18,943	22,008	24,410	25,451	32,182	36,159	5,729	6,117	6,390	7,537	8,252	12,964
Motion pictures	6,173	6,091	7,783	9,718	13,300	11,602	447	438	461	442	456	493
Health services	330,867	355,305	402,424	474,548	514,097	555,890	45,683	49,890	56,167	68,154	80,826	87,902
Legal services	45,170	49,844	57,575	67,727	75,780	86,632	8,036	9,643	10,448	12,964	13,344	15,640
Educational services	29,433	31,182	34,936	37,706	40,380	43,759	3,088	2,992	3,205	4,374	9,228	8,310
Social services	14,862	18,730	19,533	22,291	24,825	24,924	5,139	6,195	6,677	7,722	7,572	8,904
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	45,092	49,348	47,577	50,985	57,013	60,701	8,027	9,139	10,380	11,676	10,703	12,436
Miscellaneous services	106,512	113,643	148,065	166,416	193,609	213,881	18,895	23,941	30,628	36,879	40,498	46,164
Government and government enterprises	959,497	1,043,806	1,105,958	1,171,113	1,252,561	1,348,941	274,723	296,796	309,745	328,393	356,642	379,981
Federal, civilian	284,692	309,553	317,210	332,964	360,061	391,332	74,949	80,486	82,589	92,552	97,996	104,335
Military	142,253	152,050	149,394	144,532	151,111	159,761	107,254	115,794	116,147	111,964	122,695	127,580
State and local	532,552	582,203	639,354	693,617	741,389	797,848	92,520	100,516	111,009	123,877	135,951	148,066

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Parkersburg—Marietta, WV—OH (MSA)						Pascagoula, MS (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,697,982**	**1,789,156**	**1,841,275**	**1,916,230**	**2,046,956**	**2,140,723**	**1,132,614**	**1,131,705**	**1,280,726**	**1,315,059**	**1,399,972**	**1,456,673**
Nonfarm personal income	1,694,968	1,787,058	1,837,902	1,911,099	2,043,438	2,137,413	1,130,882	1,129,835	1,278,574	1,312,022	1,395,983	1,453,088
Farm income[1]	3,014	2,098	3,373	5,131	3,518	3,310	1,732	1,870	2,152	3,037	3,989	3,585
Population (thousands)[2]	158.1	157.5	156.7	155.4	154.4	153.4	125.4	126.8	128.2	128.2	128.1	128.4
Per capita personal income (dollars)	**10,739**	**11,358**	**11,748**	**12,335**	**13,259**	**13,959**	**9,031**	**8,922**	**9,987**	**10,262**	**10,928**	**11,342**
Derivation of total personal income:												
Total earnings by place of work	1,220,271	1,278,097	1,310,460	1,376,240	1,484,062	1,520,831	943,229	997,561	1,097,855	1,102,489	1,180,713	1,174,506
Less: Personal contributions for social insurance[3]	74,581	82,324	84,973	89,264	99,908	107,306	51,223	57,313	65,882	63,408	69,540	71,254
Plus: Adjustment for residence	−11,443	−14,268	−15,498	−17,179	−22,277	−25,505	−62,790	−70,069	−95,309	−82,444	−93,408	−69,251
Equals: Net earnings by place of residence	1,134,247	1,181,505	1,209,989	1,269,797	1,361,877	1,388,020	829,216	870,179	936,664	956,637	1,017,765	1,034,001
Plus: Dividends, interest, and rent[5]	263,894	282,580	286,501	280,951	301,172	340,717	116,739	63,428	135,543	138,601	147,793	168,780
Plus: Transfer payments	299,841	325,071	344,785	365,482	383,907	411,986	186,659	198,098	208,519	219,821	234,414	253,892
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,013,810	1,066,422	1,088,568	1,137,296	1,225,121	1,249,065	778,662	827,996	904,548	898,574	959,809	950,392
Other labor income	109,139	107,741	109,562	109,466	118,155	122,418	110,767	109,101	120,548	120,651	126,011	124,133
Proprietors' income[6]	97,322	103,934	112,330	129,478	140,786	149,348	53,800	60,464	72,759	83,264	94,893	99,981
Farm	1,768	892	2,201	3,929	2,341	2,149	1,571	1,715	2,001	2,883	3,837	3,436
Nonfarm	95,554	103,042	110,129	125,549	138,445	147,199	52,229	58,749	70,758	80,381	91,056	96,545
Earnings by industry:												
Farm	3,014	2,098	3,373	5,131	3,518	3,310	1,732	1,870	2,152	3,037	3,989	3,585
Nonfarm	1,217,257	1,275,999	1,307,087	1,371,109	1,480,544	1,517,521	941,497	995,691	1,095,703	1,099,452	1,176,724	1,170,921
Private	1,057,940	1,106,047	1,128,667	1,179,699	1,278,980	1,310,743	812,046	851,339	934,809	948,795	994,752	981,922
Agricultural services, forestry, fisheries, and other[7]	3,168	3,306	3,321	5,035	4,984	4,553	2,534	4,192	5,943	4,491	5,729	9,134
Agricultural services	2,999	3,234	3,303	5,010	4,968	4,543	806	970	1,285	1,465	1,757	2,025
Forestry, fisheries, and other[7]	169	72	(L)	(L)	(L)	(L)	1,728	3,222	4,658	3,026	3,972	7,109
Mining	26,958	26,426	18,109	14,604	13,522	12,318	2,524	1,928	796	2,224	2,055	3,156
Coal mining	648	658	(D)	504	569	506	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	26,112	25,572	17,184	13,964	12,797	11,651	2,506	1,905	776	2,209	2,037	3,137
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	198	196	(D)	136	156	161	0	0	0	0	0	0
Construction	77,157	82,837	82,768	95,157	107,867	103,654	60,248	57,187	63,657	64,231	70,749	60,413
Manufacturing	453,172	460,206	467,502	470,712	516,241	503,382	507,230	525,056	576,611	573,779	597,429	563,046
Nondurable goods	262,727	267,875	278,648	286,758	317,073	291,658	152,966	149,144	154,250	158,434	170,492	166,230
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	17,757	15,602	14,800	16,266	15,287	7,835
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	6,919	7,543	8,389	8,385	9,981	10,687	2,196	2,349	2,572	2,822	6,901	6,611
Chemicals and allied products	221,561	225,151	233,835	242,392	(D)	249,527	22,018	22,351	23,680	23,117	31,731	35,104
Petroleum and coal products	965	869	842	355	0	0	63,793	62,472	64,115	64,665	64,334	63,050
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	716	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	190,445	192,331	188,854	183,954	199,168	211,724	354,264	375,912	422,361	415,345	426,937	396,816
Lumber and wood products	5,099	5,477	6,491	6,931	8,186	8,662	4,026	3,564	3,775	3,861	3,910	3,940
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	0	0	0
Primary metal industries	45,648*	(D)	34,264*	(D)	36,039*	39,146*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	41,668	45,210	46,011	48,684	46,131	50,171	5,280	2,969	3,919	2,947	2,401	2,026
Machinery, except electrical	3,040	2,826	2,287	1,884	2,137	4,130	1,174	3,420	5,671	4,126	6,175	5,592
Electric and electronic equipment	11,807*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	0	0	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Stone, clay, and glass products	55,680	57,971	55,316	51,565	57,242	57,317	6,312	5,617	5,358	4,707	1,639	1,649
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	7,190	7,614	5,921	5,711	6,279	6,742
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	57	(D)	(D)
Transportation and public utilities	66,805	65,749	67,344	66,524	74,350	82,728	32,527	35,721	35,559	40,063	42,047	42,029
Railroad transportation	7,362	5,976	5,830	5,694	6,964	7,420	3,323	1,935	1,643	1,271	1,027	691
Trucking and warehousing	23,683	23,196	23,325	24,249	26,029	27,532	5,747	8,332	8,224	8,334	9,422	9,242
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	5,381	6,321	5,826	6,978	8,802	9,793
Other transportation[8]	6,239*	(D)	(D)	(D)	(D)	(D)	838	(D)	(D)	930	1,249	1,488
Communication	14,346	12,574	13,082	13,316	13,815	14,219	4,296	4,928	4,302	4,618	4,703	4,874
Electric, gas, and sanitary services	13,367	14,834	16,026	16,670	19,862	25,067	12,942	(D)	(D)	17,932	16,844	15,941
Wholesale trade	52,749	57,177	58,594	57,205	61,177	71,816	17,631	19,601	18,655	19,553	20,436	18,736
Retail trade	130,593	136,120	138,740	145,096	150,915	153,267	66,842	73,078	78,074	77,052	81,138	81,140
Finance, insurance, and real estate	37,763	38,813	42,659	52,301	49,071	49,809	19,723	21,268	23,879	27,870	27,089	26,707
Banking and credit agencies	19,495	20,976	23,308	23,714	23,406	23,776	10,786	11,744	12,327	12,459	12,494	12,789
Other finance, insurance, and real estate[9]	18,268	17,837	19,351	28,587	25,665	26,033	8,937	9,524	11,552	15,411	14,595	13,918
Services	209,575	235,413	249,630	273,065	300,853	329,216	102,787	113,308	131,635	139,532	148,080	177,561
Hotels and other lodging places	4,780	4,787	5,877	6,028	5,889	5,370	2,881	3,784	4,276	3,646	3,702	3,325
Personal services	11,046	14,008	14,143	14,769	16,407	17,940	3,634	4,472	5,045	5,219	6,030	6,875
Private households	5,117	5,095	5,034	4,988	5,224	5,431	4,713	4,743	4,725	4,697	4,943	5,160
Business services	36,355	48,830	50,339	56,861	62,897	66,862	15,499	19,194	23,718	24,136	24,001	23,620
Auto repair, services, and garages	7,985	8,884	9,875	11,334	12,097	13,068	4,995	5,397	6,900	6,669	6,697	7,310
Miscellaneous repair services	4,325	5,825	5,579	5,235	6,113	7,683	4,036	4,709	5,627	6,396	2,833	9,957
Amusement and recreation services	3,333	4,027	4,170	4,384	4,875	5,170	3,138	3,610	4,139	(D)	(D)	(D)
Motion pictures	694	661	(D)	(D)	(D)	(D)	201	223	214	(D)	(D)	(D)
Health services	88,055	94,689	99,453	108,982	120,513	131,508	28,006	30,583	32,821	36,556	39,206	43,039
Legal services	9,448	9,679	11,138	11,753	13,171	14,366	8,549	8,615	10,247	14,656	17,496	23,335
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,299	1,440	1,408	1,573	1,701	2,240
Social services	(D)	7,246	7,246	7,792	8,513	9,409	1,619	1,656	1,393	1,652	2,167	2,343
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	11,256	11,447	11,680	12,423	13,630	14,204	5,304	5,209	5,039	4,904	5,043	4,985
Miscellaneous services	11,492	10,965	14,781	18,026	20,394	26,166	18,913	19,673	26,083	27,949	32,710	43,787
Government and government enterprises	159,317	169,952	178,420	191,410	201,564	206,778	129,451	144,352	160,894	150,657	181,972	188,999
Federal, civilian	38,965	38,567	37,667	41,985	45,683	48,279	20,874	21,999	22,501	24,537	25,584	27,591
Military	2,405	2,628	2,855	2,950	3,067	3,152	15,738	22,931	30,703	12,805	32,374	24,218
State and local	117,947	128,757	137,898	146,475	152,814	155,347	92,839	99,422	107,690	113,315	124,014	137,190

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Pensacola, FL (MSA)						Peoria, IL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,397,610**	**3,641,272**	**3,899,765**	**4,169,732**	**4,473,540**	**4,823,941**	**4,510,483**	**4,636,832**	**4,764,136**	**4,981,830**	**5,407,534**	**5,850,475**
Nonfarm personal income	3,389,669	3,636,934	3,896,006	4,162,406	4,465,381	4,820,014	4,438,790	4,550,691	4,685,920	4,912,020	5,356,350	5,779,431
Farm income[1]	7,941	4,338	3,759	7,326	8,159	3,927	71,693	86,141	78,216	69,810	51,184	71,044
Population (thousands)[2]	322.4	328.3	337.4	345.8	349.9	357.1	354.1	346.7	340.8	338.8	340.4	338.8
Per capita personal income (dollars)	**10,538**	**11,092**	**11,558**	**12,057**	**12,784**	**13,509**	**12,739**	**13,374**	**13,980**	**14,705**	**15,886**	**17,266**
Derivation of total personal income:												
Total earnings by place of work	2,474,030	2,616,439	2,785,962	2,974,625	3,155,527	3,334,532	3,308,996	3,377,280	3,473,140	3,685,961	4,088,769	4,360,896
Less: Personal contributions for social insurance[3]	131,278	144,930	156,089	157,620	173,588	189,830	199,055	213,635	226,289	236,889	275,778	304,419
Plus: Adjustment for residence	−8,166	1,546	601	966	6,031	4,098	−124,615	−117,147	−139,035	−142,592	−183,317	−180,691
Equals: Net earnings by place of residence	2,334,586	2,473,055	2,630,474	2,817,971	2,987,970	3,148,800	2,985,326	3,046,498	3,107,816	3,306,480	3,629,674	3,875,786
Plus: Dividends, interest, and rent[5]	415,629	454,726	507,407	528,162	588,666	689,797	871,372	885,231	920,983	902,618	979,038	1,122,113
Plus: Transfer payments	647,395	713,491	761,884	823,599	896,904	985,344	653,785	705,103	735,337	772,732	798,822	852,576
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,110,272	2,228,321	2,357,345	2,498,986	2,629,416	2,763,179	2,682,433	2,729,656	2,800,564	2,965,517	3,321,998	3,529,056
Other labor income	173,995	178,090	188,916	198,857	213,286	230,481	296,616	289,276	296,892	309,434	343,662	368,907
Proprietors' income[6]	189,763	210,028	239,701	276,782	312,825	340,872	329,947	358,348	375,684	411,010	423,109	462,933
Farm	6,014	2,464	1,906	5,372	6,200	1,950	62,973	77,457	69,659	60,866	42,311	62,119
Nonfarm	183,749	207,564	237,795	271,410	306,625	338,922	266,974	280,891	306,025	350,144	380,798	400,814
Earnings by industry:												
Farm	7,941	4,338	3,759	7,326	8,159	3,927	71,693	86,141	78,216	69,810	51,184	71,044
Nonfarm	2,466,089	2,612,101	2,782,203	2,967,299	3,147,368	3,330,605	3,237,303	3,291,139	3,394,924	3,616,151	4,037,585	4,289,852
Private	1,652,373	1,759,715	1,885,854	2,012,793	2,147,843	2,255,404	2,935,899	2,976,899	3,064,533	3,267,547	3,670,170	3,905,694
Agricultural services, forestry, fisheries, and other[7]	7,285	9,121	9,213	10,355	11,549	11,356	16,382	15,753	16,727	21,815	24,370	25,299
Agricultural services	6,198	6,961	7,038	8,559	9,381	9,074	16,113	15,627	16,707	21,656	(D)	(D)
Forestry, fisheries, and other[7]	1,087	2,160	2,175	1,796	2,168	2,282	269	126	(L)	159	(D)	(D)
Mining	17,287	16,627	10,665	9,936	10,611	12,395	11,034	9,256	3,853	3,977	5,449	5,784
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,836*	7,294*	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	0	(D)	0	0
Nonmetallic minerals, except fuels	1,258*	1,371*	1,457*	1,249*	1,322*	1,563*	1,220*	(D)	(D)	(D)	(D)	(D)
Construction	187,492	209,301	224,290	219,198	224,723	224,501	201,902	191,354	209,263	227,480	286,310	292,537
Manufacturing	335,133	341,583	339,202	338,714	355,824	362,525	1,191,719	1,197,826	1,187,288	1,222,680	1,404,327	1,489,655
Nondurable goods	259,612	262,177	247,586	243,309	257,195	264,704	147,232	152,960	149,566	161,856	170,689	175,835
Food and kindred products	16,369*	17,586*	18,124*	14,483*	12,151*	11,516*	41,064	39,943	34,048	38,554	36,496	35,416
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	53,008	50,975	(D)	54,514	61,308	65,627	18,086*	(D)	19,978*	(D)	(D)	(D)
Printing and publishing	11,996	13,280	14,893	15,994	16,801	18,375	45,418	48,374*	51,715*	53,416	59,307	60,991
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	43,400*
Petroleum and coal products	456	727	812	756	609	586	215	(D)	(D)	(D)	(D)	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	557	503	409	496	(D)	(D)	4,252*	(D)	(D)	9,591*	10,538*	12,451*
Leather and leather products	(D)	(D)	(D)	0	0	0	(D)	(D)	0	0	0	0
Durable goods	75,521	79,406	91,616	95,405	98,629	97,821	1,044,487	1,044,866	1,037,722	1,060,824	1,233,638	1,313,820
Lumber and wood products	7,502	6,754	6,165	6,757	6,850	6,681	12,433	(D)	9,051*	10,108*	14,204	15,822*
Furniture and fixtures	(D)	(D)	3,506	4,413	5,239*	5,948*	1,669*	1,902*	2,557*	3,407*	3,278	2,993*
Primary metal industries	0	0	(D)	(D)	(D)	(D)	136,023*	122,284*	112,181*	114,160*	117,948*	115,504*
Fabricated metal products	31,683	29,949*	34,546*	37,794*	35,978*	32,606	39,444*	38,341*	34,834*	36,833*	42,668*	(D)
Machinery, except electrical	3,692	4,173*	5,318*	5,702*	6,306*	7,384*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	2,342	2,252	1,364	(D)	(D)	5,555*	6,105	7,521	7,982	(D)	9,288*
Transportation equip. excl. motor vehicles	(D)	(D)	1,530*	1,624*	2,147*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)
Stone, clay, and glass products	25,398	27,761	30,966	28,620*	30,971	30,909	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	657*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,228	1,409	1,402	1,394	1,162*	1,103*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	160,765	166,017	178,757	180,781	192,808	202,777	221,852	214,894	219,127	230,696	239,581	246,838
Railroad transportation	14,014	12,432	11,000	9,505	11,247	11,916	18,631	17,423	16,167	14,393*	13,965	13,099
Trucking and warehousing	29,256	31,231	32,994	34,482	40,797	43,163	54,896	52,070	56,863	67,760	74,796	77,782
Water transportation	8,366*	7,817*	6,817*	7,289*	8,649*	8,006	(D)	(D)	(D)	3,091	4,092	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14,057*	14,576*	(D)
Communication	41,825	41,100	40,339	40,710	39,020	39,954	46,646	43,770	41,754	47,210	48,071	47,227*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	82,580	(D)	(D)	83,388	83,564*	88,354*
Wholesale trade	97,229	99,998	109,172	119,688	127,369	135,166	185,472	188,107	195,347	207,399	222,973	248,547
Retail trade	255,063	276,203	302,195	314,648	331,310	341,176	306,016	309,207	311,953	323,266	351,524	367,906
Finance, insurance, and real estate	84,467	89,524	102,773	127,211	120,103	120,243	142,604	147,039	155,391	191,891	195,364	190,527
Banking and credit agencies	37,966	42,441	48,173	53,348	54,507	53,458	54,538*	53,493*	58,021*	61,096*	67,721*	66,531*
Other finance, insurance, and real estate[9]	46,501	47,083	54,600	73,863	65,596	66,785	83,583*	88,395*	90,418*	124,802*	125,029*	123,734*
Services	507,652	551,341	609,587	692,262	773,546	845,265	658,918	703,463	765,584	838,343	940,272	1,038,601
Hotels and other lodging places	13,071	13,531	14,764	14,342	12,909	(D)	13,801*	15,313*	14,935*	(D)	(D)	(D)
Personal services	19,749	23,244	25,220	26,767	30,690	33,525	31,834	39,327	41,108	45,326	53,625	60,420
Private households	13,346	13,726	14,020	14,355	15,480	16,553	7,475	7,490	7,449	(D)	(D)	(D)
Business services	54,916	65,767	80,735	89,953	97,213	107,329	97,934	107,872	124,591	146,507	172,054	189,758
Auto repair, services, and garages	22,028	23,568	25,846	26,477	30,617	31,950	20,264	22,202	25,088	26,179	28,446	31,801
Miscellaneous repair services	13,682	13,205	16,290	18,149	14,546	15,645	11,060	9,894	11,428	12,925	15,680	17,508
Amusement and recreation services	6,967	7,376	7,179	7,794	10,220	(D)	9,180	9,406	10,724	11,296	11,599	12,280
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,397	1,476	1,528	1,658	(D)
Health services	231,618	243,683	255,753	299,749	337,839	381,148	284,116	305,649	325,087	353,128	385,109	427,208
Legal services	31,966	37,753	42,265	51,789	57,599	51,549	44,551	46,859	51,823	55,412	64,679	69,342
Educational services	10,753	11,881	12,392	13,655	14,873	15,830	29,594*	(D)	(D)	(D)	(D)	38,672*
Social services	14,633	15,844	19,027	21,388	24,225	27,102	22,867*	22,810*	24,526*	(D)	32,652*	37,636*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	18,965	19,939	20,660	22,910	25,745	26,964	29,674	29,305	29,711	33,046	35,771	37,597
Miscellaneous services	54,747	60,512	73,963	83,637	100,063	111,721	52,756	52,595	61,340	67,732	74,963	83,257
Government and government enterprises	813,716	852,386	896,349	954,506	999,525	1,075,201	301,404	314,240	330,391	348,604	367,415	384,158
Federal, civilian	277,296	296,728	286,184	306,709	328,574	354,896	49,720	51,279	52,124	54,902	60,162	64,501
Military	292,369	291,135	322,707	334,813	327,778	350,193	10,163	11,395	12,120	12,108	12,511	12,732
State and local	244,051	264,523	287,458	312,984	343,173	370,112	241,521	251,566	266,147	281,594	294,742	306,925

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Philadelphia, PA—NJ (PMSA)						Phoenix, AZ (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**67,802,850**	**73,075,758**	**77,887,162**	**83,959,972**	**91,120,448**	**97,903,381**	**23,492,809**	**26,490,527**	**29,063,680**	**31,774,221**	**34,125,929**	**36,803,975**
Nonfarm personal income	67,614,316	72,871,683	77,698,112	83,774,885	90,949,858	97,720,473	23,271,760	26,301,393	28,867,884	31,557,280	33,924,817	36,590,921
Farm income[1]	188,534	204,075	189,050	185,087	170,590	182,908	221,049	189,134	195,796	216,941	201,112	213,054
Population (thousands)[2]	4,772.4	4,790.9	4,835.9	4,883.9	4,920.4	4,957.1	1,731.6	1,816.7	1,898.0	1,978.0	2,029.5	2,078.7
Per capita personal income (dollars)	**14,207**	**15,253**	**16,106**	**17,191**	**18,519**	**19,750**	**13,567**	**14,582**	**15,312**	**16,064**	**16,815**	**17,705**
Derivation of total personal income:												
Total earnings by place of work	47,539,366	51,332,507	55,215,882	60,648,325	65,856,494	69,627,797	17,380,695	19,635,181	21,652,933	23,585,626	25,331,375	26,672,141
Less: Personal contributions for social insurance[3]	3,008,336	3,379,936	3,730,107	4,078,045	4,599,448	5,018,953	1,002,214	1,177,881	1,348,366	1,378,836	1,521,983	1,659,206
Plus: Adjustment for residence	1,184,750	1,238,387	1,106,587	1,069,763	1,280,803	1,431,510	−62,280	−67,795	−68,100	−71,644	−78,766	−76,177
Equals: Net earnings by place of residence	45,715,780	49,190,958	52,592,362	57,640,043	62,537,849	66,040,354	16,316,201	18,389,505	20,236,467	22,135,146	23,730,626	24,936,758
Plus: Dividends, interest, and rent[5]	11,318,762	12,345,853	12,986,752	13,522,290	14,989,823	17,265,231	4,261,439	4,804,845	5,224,005	5,671,417	6,059,631	7,099,094
Plus: Transfer payments	10,768,308	11,538,947	12,308,048	12,797,639	13,592,776	14,597,796	2,915,169	3,296,177	3,603,208	3,967,658	4,335,672	4,768,123
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	39,402,738	42,516,043	45,719,455	50,073,532	54,334,993	57,321,942	14,592,891	16,575,239	18,262,497	19,785,340	21,291,546	22,363,160
Other labor income	4,000,820	4,132,397	4,448,097	4,767,038	5,134,827	5,475,998	1,346,418	1,464,435	1,631,615	1,714,100	1,818,532	1,932,489
Proprietors' income[6]	4,135,808	4,684,067	5,048,330	5,807,755	6,386,674	6,829,857	1,441,386	1,595,507	1,758,821	2,086,186	2,221,297	2,376,492
Farm	120,873	136,474	121,901	113,907	98,701	109,424	156,835	125,882	132,443	150,570	134,672	148,197
Nonfarm	4,014,935	4,547,593	4,926,429	5,693,848	6,287,973	6,720,433	1,284,551	1,469,625	1,626,378	1,935,616	2,086,625	2,228,295
Earnings by industry:												
Farm	188,534	204,075	189,050	185,087	170,590	182,908	221,049	189,134	195,796	216,941	201,112	213,054
Nonfarm	47,350,832	51,128,432	55,026,832	60,463,238	65,685,904	69,444,889	17,159,646	19,446,047	21,457,137	23,368,685	25,130,263	26,459,087
Private	40,492,135	43,873,608	47,579,495	52,302,407	57,074,813	60,333,399	14,828,359	16,822,199	18,559,838	20,195,471	21,689,178	22,731,536
Agricultural services, forestry, fisheries, and other[7]	171,447	187,586	217,765	265,675	301,392	331,326	113,763	120,126	137,445	156,416	165,194	167,524
Agricultural services	166,653	180,076	209,316	259,119	293,802	323,685	112,477	115,757	131,331	150,816	158,331	160,562
Forestry, fisheries, and other[7]	4,794	7,510	8,449	6,556	7,590	7,641	1,286	4,369	6,114	5,600	6,863	6,962
Mining	146,593	208,055	97,473	94,309	126,952	152,991	57,487	76,537	34,314	41,205	67,402	73,556
Coal mining	(D)	1,872*	2,014*	1,197	1,427	1,508	535	299	287	167	145	152
Oil and gas extraction	113,553*	(D)	(D)	53,595*	80,643*	(D)	39,480	60,249	18,197	19,717	30,270	31,305
Metal mining	(D)	(L)	(L)	260	276	(D)	11,947	10,477	8,573	14,822	29,750	34,492
Nonmetallic minerals, except fuels	24,902*	(D)	(D)	35,590*	38,844*	(D)	5,525	5,512	7,257	6,499	7,237	7,607
Construction	2,696,609	2,669,039*	3,178,948*	3,619,132*	4,121,544*	4,531,467	1,812,251	2,171,882	2,293,232	2,045,513	2,006,075	1,865,193
Manufacturing	10,963,711	11,565,243	11,853,037	12,221,752	12,943,504	13,353,502	3,310,615	3,591,178	3,900,983	4,230,429	4,513,030	4,573,243
Nondurable goods	4,963,599	5,245,089	5,413,544	5,607,542	5,950,511	6,239,939	537,810	566,635	640,341	700,544	778,166	817,153
Food and kindred products	814,154	868,323	884,029	921,281	972,013	1,012,869	130,331	131,277	149,624	150,300	153,543	165,926
Textile mill products	146,443*	(D)	(D)	129,830*	126,009*	(D)	(D)	(D)	(D)	(D)	(D)	4,544
Apparel and other textile products	411,045	395,250	373,900	356,598	363,709	360,121	37,193	38,324	43,931	47,702	54,159	60,578
Paper and allied products	517,828*	544,184*	581,439*	598,499*	636,869*	664,357*	15,970	17,234	19,818	20,153	25,348	28,955
Printing and publishing	870,529	968,623	1,039,138	1,105,807	1,196,293	1,246,870	217,157	237,755	262,051	304,056	326,537	335,569
Chemicals and allied products	1,305,806	1,412,922	1,498,572	1,545,629	1,700,856	1,864,982	80,889	81,137	90,816	97,369	122,508	132,861
Petroleum and coal products	548,530*	572,711	560,627*	598,210*	597,614*	602,212	3,073	3,301	3,071	4,852	4,233	896
Tobacco manufactures	2,188	2,210	2,456	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	293,921*	315,128	310,263	319,871	324,186	329,511*	(D)	(D)	(D)	(D)	(D)	85,236
Leather and leather products	12,458*	(D)	(D)	(D)	(D)	(D)	1,269	1,461	1,949	2,466	2,192	2,557
Durable goods	6,000,112	6,320,154	6,439,493	6,614,210	6,992,993	7,113,563	2,772,805	3,024,543	3,260,642	3,529,885	3,734,864	3,756,090
Lumber and wood products	(D)	(D)	(D)	90,357	94,386	94,056	83,666	89,171	105,329	125,855	111,705	96,473
Furniture and fixtures	167,294*	178,831*	191,977*	(D)	(D)	(D)	41,966	49,114	52,770	48,894	52,605	56,007
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	120,376	145,999	151,947	155,874	181,624	171,517
Fabricated metal products	852,234	878,459	916,538	947,719	989,082	999,298	145,983	143,069	151,657	156,495	153,724	149,663
Machinery, except electrical	1,328,249	1,451,552	1,350,512	1,372,967	1,542,849	1,548,542	516,943	533,853	511,227	520,639	536,361	493,041
Electric and electronic equipment	1,130,697	1,190,914	1,253,612	(D)	1,283,989	1,366,636	1,029,279	1,058,380	1,115,980	1,218,435	1,333,911	1,352,326
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	446,043	542,642	688,425	771,326	801,378	844,319
Motor vehicles and equipment	(D)	200,215*	213,320*	228,305*	251,886*	152,498*	26,121	30,553	29,813	31,133	29,261	28,694
Stone, clay, and glass products	317,147	337,001	356,928	356,510	362,845	360,230	113,160	131,582	138,063	153,947	155,904	128,109
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	204,186	250,094	260,344	280,105	304,343	361,795
Miscellaneous manufacturing industries	172,585	181,804	188,184	205,171	242,606	240,061	45,082	50,086	55,087	67,182	74,048	74,146
Transportation and public utilities	3,112,292	3,024,085*	3,150,678*	3,378,826*	3,578,175*	3,964,410	1,048,231	1,141,831	1,253,701	1,440,149	1,559,603	1,720,446
Railroad transportation	331,556	351,392	345,025	335,898*	324,093*	319,590*	19,949	17,530	17,012	16,329	17,706	19,868
Trucking and warehousing	689,901	719,602	781,038	854,793	953,311	997,344	256,751	263,848	287,284	321,432	351,728	374,311
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	211,830	(D)	(D)	(D)	425,793	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	337,489	364,529	373,777	392,281	408,601	432,663
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,577,332	3,808,491	4,083,473	4,505,796	4,967,674	5,217,276	1,114,347	1,276,328	1,335,945	1,488,957	1,579,123	1,821,272
Retail trade	4,387,489	4,719,312	5,145,148	5,484,479	6,014,427	6,283,696	2,013,174	2,277,154	2,469,050	2,610,972	2,783,477	2,934,246
Finance, insurance, and real estate	3,278,007	3,669,674	4,281,776	5,342,563	5,496,550	5,476,731	1,358,176	1,630,529	1,952,629	2,337,642	2,352,159	2,321,527
Banking and credit agencies	1,001,984	1,128,758	1,295,686	1,435,249	1,544,480	1,547,844*	(D)	(D)	805,713	886,945	933,859	926,783
Other finance, insurance, and real estate[9]	2,276,023	2,540,916	2,986,090	3,907,314	3,952,070	3,535,313*	(D)	(D)	1,146,916	1,450,697	1,418,300	1,394,744
Services	12,158,655	13,633,997	15,123,950	16,872,108	18,938,330	21,022,000	4,000,315	4,536,634	5,182,539	5,844,188	6,663,115	7,254,529
Hotels and other lodging places	197,739*	207,747*	217,273*	237,384*	252,053*	276,095*	203,455	225,592	242,181	319,650	374,956	408,072
Personal services	407,342	498,398	535,822	558,882	678,540	764,848	177,891	213,617	242,658	268,409	304,488	341,014
Private households	129,661*	129,527*	129,039*	128,840*	127,583*	142,701*	47,397	49,150	50,624	52,156	56,289	59,949
Business services	2,505,642	2,942,257	3,342,206	3,833,381	4,294,496	4,801,735	973,168	1,095,972	1,236,786	1,293,850	1,520,554	1,663,693
Auto repair, services, and garages	480,425	531,726	591,675	615,214	659,304	708,853	191,438	217,579	273,155	287,467	300,453	324,416
Miscellaneous repair services	217,509	225,991	226,537	232,162	253,099	279,314	83,809	82,339	97,696	89,996	107,457	121,086
Amusement and recreation services	219,208	263,956	282,228	303,598	341,350*	385,589	81,039	96,073	108,645	121,565	156,351	182,357
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	11,942	13,248	17,239	17,534	20,071	27,445
Health services	3,997,943	4,380,028	4,767,376	5,393,437	5,987,511	6,622,096	1,187,284	1,325,845	1,480,665	1,765,338	1,991,991	2,168,151
Legal services	1,097,207	1,244,970	1,413,550	1,584,204	1,867,790	2,066,297	343,719	399,989	477,801	560,893	655,496	672,171
Educational services	1,040,191	1,141,746	1,208,345	1,302,083	1,387,962	1,514,848	82,730	96,255	105,981	122,944	142,944	158,509
Social services	354,817	395,204	486,332	545,266	617,923	696,122	83,091	98,163	112,407	130,297	149,081	169,189
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	3,565	4,070	4,826	5,389	6,420	7,605
Membership organizations	369,758	384,369	415,928	459,376	514,704	546,574	144,710	151,465	165,975	188,473	214,208	228,662
Miscellaneous services	1,065,069	1,208,275	1,420,094	1,584,353	1,831,313	2,107,945	385,077	467,277	565,900	620,227	662,356	722,210
Government and government enterprises	6,858,697	7,254,824	7,447,337	8,160,831	8,611,091	9,111,490	2,331,287	2,623,848	2,897,299	3,173,214	3,441,085	3,727,551
Federal, civilian	2,043,831	2,178,611	2,139,806	2,290,955	2,448,824	2,568,411	402,770	443,173	458,914	499,049	557,147	588,648
Military	527,789	539,468	550,744	637,104	616,198	573,889	211,601	223,463	234,450	247,877	258,206	266,112
State and local	4,287,077	4,536,745	4,756,787	5,232,772	5,546,069	5,969,190	1,716,916	1,957,212	2,203,935	2,426,288	2,625,732	2,872,791

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Pine Bluff, AR (MSA)						Pittsburgh, PA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**848,146**	**897,287**	**950,684**	**978,464**	**1,048,204**	**1,102,706**	**28,517,899**	**29,709,986**	**30,797,916**	**32,142,770**	**34,498,655**	**36,911,856**
Nonfarm personal income	836,107	877,961	940,557	955,557	1,016,440	1,080,392	28,471,155	29,664,296	30,756,318	32,099,253	34,447,841	36,855,079
Farm income[1]	12,039	19,326	10,127	22,907	31,764	22,314	46,744	45,690	41,598	43,517	50,814	56,777
Population (thousands)[2]	90.4	90.2	90.3	90.9	90.8	90.9	2,171.0	2,139.4	2,117.8	2,101.6	2,094.3	2,078.0
Per capita personal income (dollars)	**9,380**	**9,945**	**10,527**	**10,770**	**11,546**	**12,134**	**13,136**	**13,887**	**14,542**	**15,294**	**16,473**	**17,763**
Derivation of total personal income:												
Total earnings by place of work	655,120	693,218	766,908	767,565	828,099	853,787	20,001,640	20,755,967	21,478,124	22,772,661	24,485,025	25,801,031
Less: Personal contributions for social insurance[3]	40,893	45,398	55,374	54,611	60,356	64,933	1,283,263	1,391,496	1,464,709	1,549,455	1,736,532	1,902,232
Plus: Adjustment for residence	−47,687	−52,647	−76,581	−56,642	−64,153	−69,033	−533,626	−612,797	−652,672	−703,255	−791,324	−801,119
Equals: Net earnings by place of residence	566,540	595,173	634,953	656,312	703,590	719,821	18,184,751	18,751,674	19,360,743	20,519,951	21,957,169	23,097,680
Plus: Dividends, interest, and rent[5]	116,851	126,577	129,486	125,741	135,063	154,425	5,017,283	5,332,519	5,492,343	5,502,098	6,062,637	6,983,467
Plus: Transfer payments	164,755	175,537	186,245	196,411	209,551	228,460	5,315,865	5,625,793	5,944,830	6,120,721	6,478,849	6,830,709
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	547,418	575,826	649,219	635,364	677,359	705,138	16,200,618	16,824,447	17,357,790	18,355,794	19,680,784	20,690,688
Other labor income	56,605	57,021	63,882	62,112	66,921	70,268	1,820,101	1,788,762	1,818,630	1,878,888	1,995,773	2,095,236
Proprietors' income[6]	51,097	60,371	53,807	70,089	83,819	78,381	1,980,921	2,142,758	2,301,704	2,537,979	2,808,468	3,015,107
Farm	5,510	12,875	3,787	16,301	25,186	15,711	36,997	36,025	32,049	33,440	40,693	46,509
Nonfarm	45,587	47,496	50,020	53,788	58,633	62,670	1,943,924	2,106,733	2,269,655	2,504,539	2,767,775	2,968,598
Earnings by industry:												
Farm	12,039	19,326	10,127	22,907	31,764	22,314	46,744	45,690	41,598	43,517	50,814	56,777
Nonfarm	643,081	673,892	756,781	744,658	796,335	831,473	19,954,896	20,710,277	21,436,526	22,729,144	24,434,211	25,744,254
Private	513,353	532,741	606,188	588,535	630,289	655,464	17,708,348	18,363,310	19,020,231	20,190,246	21,741,906	22,895,416
Agricultural services, forestry, fisheries, and other[7]	2,140	1,939	1,942	2,228	2,668	9,130	46,326	41,810	44,342	60,276	64,195	65,607
Agricultural services	2,028	1,806	1,811	2,112	2,538	(D)	44,192	39,522	42,261	58,665	62,495	64,029
Forestry, fisheries, and other[7]	112	133	131	116	130	(D)	2,134	2,288	2,081	1,611	1,700	1,578
Mining	1,958	2,423	1,519	1,503	1,817	1,946	403,821	423,596	378,477	318,480	324,919	304,965
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	304,745	295,513	294,721	224,268*	222,810*	196,216*
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	85,603	114,302	67,510	67,021*	80,060	85,840
Metal mining	0	0	0	0	0	0	(D)	(D)	163*	(D)	1,129	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,037*	(D)	(D)	(D)
Construction	30,849	41,779	94,640	46,064	45,527	45,661	1,328,731	1,389,866	1,513,808	1,576,383	1,626,928	1,723,994
Manufacturing	139,907	141,363	158,870	174,509	189,074	182,798	4,795,083	4,620,372	4,342,398	4,398,088	4,733,670	4,623,123
Nondurable goods	81,532	77,352	93,443	106,344	111,305	104,982	1,066,781	1,064,089	1,007,924	1,074,630	1,217,371	1,186,091
Food and kindred products	10,301	10,201	11,004	9,937	11,264	11,139	230,864	206,725*	209,784*	218,806*	233,804*	234,894*
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	35,849	29,280	25,749	24,817	29,630	29,866
Paper and allied products	65,919	61,432	76,094	89,823	92,174	83,671	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,299	3,474	3,645	3,269	3,270	3,134	219,282	234,682	240,838	240,290	252,028	261,929
Chemicals and allied products	1,063	1,205	1,754	3,005	4,240	5,827	288,973	308,530	317,931	361,472	457,948	401,871
Petroleum and coal products	0	0	0	0	0	0	159,039	124,608	42,217	29,526	28,541	26,034
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	78,438*	83,807*	96,134	117,071	123,386	135,362
Leather and leather products	0	0	0	0	0	0	360	413	373	(D)	(D)	(D)
Durable goods	58,375	64,011	65,427	68,165	77,769	77,816	3,728,302	3,556,283	3,334,474	3,323,458	3,516,299	3,437,032
Lumber and wood products	5,873	5,907	6,503	7,497	7,904	7,796	17,168	18,811	20,456	23,401	26,854	35,833
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,668*	31,788*	31,744*	35,378*
Primary metal industries	6,149	7,240	8,442	10,121	12,691	15,037	1,408,570	1,256,807	1,100,844*	1,088,177*	1,197,547*	1,214,636*
Fabricated metal products	11,931	13,973	12,891	13,557	15,977	15,358	355,018*	364,014*	347,465*	356,317*	376,979*	394,040
Machinery, except electrical	8,455	8,775	9,290	10,480	11,396	10,460	575,771	561,058	538,001	543,611	561,316	572,984
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	504,946*	436,962*	431,098*	409,847*	413,677*	406,857*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	72,432*	52,783*	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	308,050*	322,590*	324,846*	331,756*	388,039	381,274*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	170,725*	167,720*	168,369*	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,683	4,756	4,537	(D)	(D)	(D)	31,077	31,326	31,131	35,156	39,744*	43,114*
Transportation and public utilities	108,906	102,658	94,671	92,147	104,733	114,290	1,441,872	1,435,298	1,462,249	1,501,881	1,626,019	1,752,823
Railroad transportation	68,857	63,173	54,887	51,348	59,959	69,188	114,083	115,531	109,045	93,808	95,938	96,144
Trucking and warehousing	6,730	6,438	6,512	7,465	8,075	7,807	299,857	282,806	292,191	310,799	340,145	369,615
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	22,563*	15,178*	12,120*	13,913*	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	251,091*	278,895*	301,921*	315,932*	369,724*	428,046*
Communication	10,509	10,311	9,950	9,312	8,272	7,986	367,094	328,419	324,703	340,774	353,433	370,277
Electric, gas, and sanitary services	18,742	19,062	20,077	20,933	24,853	25,663	366,064	390,254	395,414	397,740	419,788	440,729
Wholesale trade	25,569	28,504	29,828	29,799	32,402	33,814	1,333,102	1,402,628	1,454,421	1,513,037	1,669,865	1,755,100
Retail trade	60,437	60,931	63,274	66,615	71,086	74,025	1,988,862	2,046,745	2,131,839	2,177,515	2,364,626	2,523,004
Finance, insurance, and real estate	30,400	32,150	34,612	34,619	32,544	28,232	1,139,320	1,229,863	1,366,041	1,657,853	1,585,907	1,632,740
Banking and credit agencies	21,008	22,209	(D)	22,014	20,958	17,814	561,901	604,798	658,044	693,554	693,534	698,216*
Other finance, insurance, and real estate[9]	9,392	9,941	(D)	12,605	11,586	10,418	577,419	625,065	707,997	964,299	892,373	899,804*
Services	113,187	120,994	126,832	141,051	150,438	165,568	5,231,231	5,773,132	6,326,656	6,986,733	7,745,777	8,514,060
Hotels and other lodging places	1,658	2,073	2,035	2,259	2,160	2,726	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	6,272	7,543	8,551	8,991	9,788	10,667	202,574	248,620	267,075	273,183	318,784	357,294
Private households	4,569	4,589	4,582	4,590	4,844	5,070	44,217	44,128	43,957	43,891	44,184*	46,265*
Business services	14,605	15,351	14,287	19,935	18,913	20,168	911,542	1,088,330	1,182,265	1,287,185	1,445,726	1,626,993
Auto repair, services, and garages	5,986	6,467	6,698	6,716	7,364	8,061	179,460	195,164	213,879	218,289	228,151	237,282
Miscellaneous repair services	3,530	3,317	3,736	3,556	3,768	4,262	92,019	94,888	98,841	93,895	101,364	104,709
Amusement and recreation services	1,375	1,381	1,519	1,568	1,636	1,773	130,996	138,785	143,394	151,809	166,974	184,912
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	16,831	15,916	19,877	(D)	(D)	(D)
Health services	53,248	57,903	61,714	69,675	75,274	83,651	1,919,685	2,056,478	2,224,254	2,560,695	2,799,774	3,064,160
Legal services	5,961	6,468	7,427	6,841	7,902	8,077	353,132	378,375	426,506	482,357	573,576	654,898
Educational services	904	1,218	1,200	1,168	1,259	1,789	443,090	483,313	530,004	578,404	643,882	672,926
Social services	(D)	(D)	(D)	6,242	6,813	7,766	103,014	118,345	131,650	159,451	179,120	201,155
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	4,891*	5,198*	5,618*	(D)	(D)	(D)
Membership organizations	4,222	4,351	4,318	4,442	4,714	4,849	186,746	190,621	203,919	217,878	243,856	258,125
Miscellaneous services	6,167	5,343	5,662	4,912	5,855	6,544	560,907	627,293	742,861	791,964	863,116	956,386
Government and government enterprises	129,728	141,151	150,593	156,123	166,046	176,009	2,246,548	2,346,967	2,416,295	2,538,898	2,692,305	2,848,838
Federal, civilian	52,391	56,715	58,787	60,375	64,083	68,347	482,782	502,598	500,420	527,399	570,672	604,571
Military	5,880	5,739	6,263	7,054	7,295	7,048	71,930	79,858	85,142	85,767	87,548	89,710
State and local	71,457	78,697	85,543	88,694	94,668	100,614	1,691,836	1,764,511	1,830,733	1,925,732	2,034,085	2,154,557

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Pittsfield, MA (NECMA)						Portland, ME (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,907,153**	**2,011,683**	**2,164,150**	**2,317,678**	**2,526,517**	**2,724,392**	**2,971,653**	**3,270,839**	**3,614,064**	**4,034,544**	**4,454,441**	**4,873,043**
Nonfarm personal income	1,902,344	2,007,146	2,150,708	2,303,203	2,512,199	2,711,036	2,967,114	3,266,891	3,608,281	4,025,549	4,448,168	4,866,885
Farm income[1]	4,809	4,537	13,442	14,475	14,318	13,356	4,539	3,948	5,783	8,995	6,273	6,158
Population (thousands)[2]	141.9	141.6	139.6	139.4	138.7	137.7	223.8	226.4	229.2	232.2	235.5	239.1
Per capita personal income (dollars)	**13,444**	**14,209**	**15,504**	**16,626**	**18,217**	**19,783**	**13,281**	**14,450**	**15,768**	**17,372**	**18,917**	**20,383**
Derivation of total personal income:												
Total earnings by place of work	1,243,705	1,333,237	1,447,240	1,569,267	1,689,000	1,796,212	2,355,753	2,632,733	2,973,247	3,385,248	3,772,062	4,041,253
Less: Personal contributions for social insurance[3]	71,508	80,713	90,281	93,471	105,125	116,324	130,243	152,214	166,089	183,294	212,013	235,047
Plus: Adjustment for residence	25,387	25,940	24,920	25,058	26,957	20,352	−255,314	−296,346	−346,968	−403,144	−450,025	−475,359
Equals: Net earnings by place of residence	1,197,584	1,278,464	1,381,879	1,500,854	1,610,832	1,700,240	1,970,196	2,184,173	2,460,190	2,798,810	3,110,024	3,330,847
Plus: Dividends, interest, and rent[5]	373,407	391,671	415,223	430,250	481,687	549,276	538,676	581,872	638,474	702,015	780,604	921,012
Plus: Transfer payments	336,162	341,548	367,048	386,574	433,998	474,876	462,781	504,794	515,400	533,719	563,813	621,184
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,022,481	1,098,506	1,180,492	1,265,029	1,357,093	1,438,996	1,943,062	2,164,198	2,437,926	2,745,630	3,057,741	3,268,349
Other labor income	106,245	108,144	115,522	122,037	129,221	144,935	206,316	219,461	247,335	272,005	300,988	322,474
Proprietors' income[6]	114,979	126,587	151,226	182,201	202,686	212,281	206,375	249,074	287,986	367,613	413,333	450,430
Farm	2,786	2,568	11,516	12,462	12,303	11,323	2,040	1,566	3,521	6,686	4,006	3,933
Nonfarm	112,193	124,019	139,710	169,739	190,383	200,958	204,335	247,508	284,465	360,927	409,327	446,497
Earnings by industry:												
Farm	4,809	4,537	13,442	14,475	14,318	13,356	4,539	3,948	5,783	8,995	6,273	6,158
Nonfarm	1,238,896	1,328,700	1,433,798	1,554,792	1,674,682	1,782,856	2,351,214	2,628,785	2,967,464	3,376,253	3,765,789	4,035,095
Private	1,124,091	1,204,254	1,299,329	1,411,298	1,517,540	1,617,465	2,004,028	2,250,117	2,580,498	2,961,886	3,306,823	3,540,255
Agricultural services, forestry, fisheries, and other[7]	3,710	6,280	8,211	9,365	11,487	11,144	11,810	26,620	33,512	43,578	54,791	56,513
Agricultural services	3,181	(D)	4,131	(D)	(D)	6,824	7,813	9,320	11,227	16,425	19,536	20,314
Forestry, fisheries, and other[7]	529	(D)	4,080	(D)	(D)	4,320	3,997	17,300	22,285	27,153	35,255	36,199
Mining	5,747	7,273	4,150	4,467	5,511	5,975	6,484	9,234	2,895	3,173	6,954	6,747
Coal mining	(D)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	4,596	1,271	1,389	2,251	(D)	(D)	8,770	2,346	2,368	3,716	(D)
Metal mining	0	0	0	(D)	(D)	0	0	0	(D)	(D)	(D)	0
Nonmetallic minerals, except fuels	2,427	2,665	2,864	3,037	3,207	3,633	(D)	451	(D)	(D)	(D)	(D)
Construction	73,031	86,485	108,810	139,793	161,709	163,287	163,481	190,407	254,575	334,089	371,278	349,917
Manufacturing	469,801	484,221	487,565	505,000	501,516	517,773	388,805	417,945	456,548	464,690	515,798	527,682
Nondurable goods	134,361	136,011	139,074	161,892	178,372	207,730	206,638	212,011	238,613	242,925	269,251	276,799
Food and kindred products	696	(D)	(D)	(D)	1,050	1,114	(D)	(D)	43,429	47,401	49,172	52,831
Textile mill products	5,738	2,651	3,190	2,961	2,020	3,065	3,588	3,490	4,171	4,808	5,290	(D)
Apparel and other textile products	1,700	2,039	2,335	2,475	7,590	9,739	11,495	10,717	11,613	4,469	3,049	3,314
Paper and allied products	54,988	55,205	55,091	73,929	74,001	77,929	(D)	(D)	(D)	(D)	117,297	116,190
Printing and publishing	18,190	21,179	20,595	20,643	21,836	23,874	28,267	33,335	37,083	42,531	47,859	48,874
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	7,084	7,102	6,909	6,673	6,896	(D)
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	0	863	731	865	760	331	409
Tobacco manufactures	0	0	0	0	0	0	(L)	(D)	(L)	(L)	(L)	(D)
Rubber and misc. plastic products	19,021	17,280	16,803	17,830	25,656	28,916	4,867	4,873	(D)	(D)	6,260	7,213
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	33,640	30,141	31,183	32,273	33,086	34,345
Durable goods	335,440	348,210	348,491	343,108	323,144	310,043	182,167	205,934	217,935	221,765	246,547	250,883
Lumber and wood products	4,203	4,481	4,033	4,290	4,928	5,121	15,190	17,312	18,035	24,128	25,582	28,216
Furniture and fixtures	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	4,312	538	570	455	426	483	(D)
Fabricated metal products	7,702	6,878	7,743	(D)	(D)	(D)	21,910	22,152	17,995	15,876	16,825	19,823
Machinery, except electrical	31,071	33,622	29,891	35,801	39,112	46,818	51,553	61,436	65,606	64,567	74,213	70,467
Electric and electronic equipment	271,151	283,086	280,241	261,984	236,329	43,401	78,274	88,324	99,247	98,156	105,116	102,811
Transportation equip. excl. motor vehicles	798	966	(D)	(D)	(D)	786	4,561	5,315	5,921	5,976	6,331	8,463
Motor vehicles and equipment	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	12,502	12,815	18,044	20,491	22,724	12,797	2,301	2,496	3,056	3,746	3,748	4,104
Instruments and related products	(D)	(D)	(D)	(D)	2,499	(D)	1,713	2,029	1,256	1,902	5,983	9,216
Miscellaneous manufacturing industries	519	598	815	1,211	1,270	1,286	4,426	4,326	4,526	4,929	6,287	6,589
Transportation and public utilities	42,298	44,555	46,629	49,583	55,848	57,408	179,097	186,890	189,301	189,646	195,982	205,100
Railroad transportation	2,530	2,186	(D)	(D)	(D)	2,090	15,793	15,121	6,444	5,292	5,368	5,599
Trucking and warehousing	10,918	11,508	(D)	(D)	(D)	15,997	53,105	56,890	64,578	65,167	68,806	75,444
Water transportation	−57	(L)	(L)	(L)	(L)	(L)	4,886	5,402	5,145	6,380	6,406	7,319
Other transportation[8]	6,752	7,295	(D)	10,789	12,574	13,184	16,290	17,103	19,440	21,348	22,678	23,779
Communication	11,641	12,537	11,909	12,796	14,445	13,067	74,730	76,729	78,765	75,984	73,732	74,009
Electric, gas, and sanitary services	10,514	11,061	10,522	9,896	12,235	13,073	14,293	15,645	14,929	15,475	18,992	18,950
Wholesale trade	51,464	54,444	57,523	44,690	41,705	56,323	203,048	233,041	258,277	299,078	335,670	353,752
Retail trade	143,944	156,021	175,566	179,834	203,969	213,585	291,950	325,182	377,808	427,027	481,425	518,440
Finance, insurance, and real estate	45,533	48,972	53,135	72,074	68,945	70,345	218,110	244,383	302,756	380,519	390,885	415,357
Banking and credit agencies	21,018	22,079	25,394	27,862	28,410	28,462	54,507	57,256	71,673	81,511	88,697	90,720
Other finance, insurance, and real estate[9]	24,515	26,893	27,741	44,212	40,535	41,883	163,603	187,127	231,083	299,008	302,188	324,637
Services	288,563	316,003	357,740	406,492	466,850	521,625	541,243	616,415	704,826	820,086	954,040	1,106,747
Hotels and other lodging places	11,380	12,521	13,529	18,729	22,760	23,201	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	(D)	(D)	(D)	(D)	(D)	30,535	(D)	(D)	(D)	(D)	(D)	(D)
Private households	7,941	7,978	7,935	7,920	8,386	8,784	9,381	9,438	9,425	9,492	10,143	10,710
Business services	21,262	25,853	32,116	37,347	54,200	63,949	67,427	84,245	99,496	120,030	146,888	183,958
Auto repair, services, and garages	10,420	11,800	13,900	16,087	16,956	18,683	23,580	23,663	26,039	35,790	39,778	43,628
Miscellaneous repair services	3,241	3,131	3,806	3,722	4,354	5,123	10,146	9,718	13,221	15,655	18,982	17,739
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	14,045	7,616	9,472	11,155	13,116	14,627	18,499
Motion pictures	848	829	689	800	1,426	792	1,217	1,500	1,683	1,705	2,005	2,021
Health services	123,502	132,454	143,409	158,026	174,321	195,887	214,670	238,796	262,237	299,698	340,703	387,516
Legal services	13,460	14,279	16,055	20,736	23,374	25,341	55,081	63,382	75,990	83,757	99,832	114,878
Educational services	35,340	39,070	47,153	49,544	52,237	57,183	24,705	29,129	32,292	35,917	39,797	44,477
Social services	11,501	12,627	15,602	17,790	21,812	25,034	15,009	17,537	20,056	23,869	27,729	32,033
Museums, botanical, zoological gardens	(D)	2,658	2,750	3,235	3,621	4,271	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,310	9,381	10,753	11,410	12,824	13,606	17,030	17,722	19,032	20,723	23,294	25,113
Miscellaneous services	15,160	17,058	20,442	26,967	32,772	35,191	53,570	61,951	80,406	97,830	121,868	147,484
Government and government enterprises	114,805	124,446	134,469	143,494	157,142	165,391	347,186	378,668	386,966	414,367	458,966	494,840
Federal, civilian	14,995	15,729	16,124	16,402	18,276	18,798	56,537	61,690	63,698	70,767	76,016	81,472
Military	3,691	4,374	4,417	4,512	4,658	4,699	93,492	101,715	91,121	90,632	100,894	102,028
State and local	96,119	104,343	113,928	122,580	134,208	141,894	197,157	215,263	232,147	252,968	282,056	311,340

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Portland, OR (PMSA)						Portsmouth—Dover—Rochester, NH (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**15,568,118**	**16,394,419**	**17,129,458**	**18,217,078**	**19,975,293**	**22,053,174**	**4,188,155**	**4,762,195**	**5,293,495**	**5,900,666**	**6,529,853**	**6,966,098**
Nonfarm personal income	15,454,757	16,269,451	16,966,077	18,042,122	19,776,966	21,842,338	4,178,675	4,752,817	5,282,705	5,884,114	6,511,118	6,950,427
Farm income[1]	113,361	124,968	163,381	174,956	198,327	210,836	9,480	9,378	10,790	16,552	18,735	15,671
Population (thousands)[2]	1,134.9	1,143.1	1,157.8	1,166.3	1,188.0	1,214.2	298.7	304.6	314.6	324.9	334.4	342.3
Per capita personal income (dollars)	**13,718**	**14,343**	**14,795**	**15,619**	**16,814**	**18,163**	**14,020**	**15,636**	**16,827**	**18,162**	**19,528**	**20,351**
Derivation of total personal income:												
Total earnings by place of work	11,823,450	12,629,738	13,356,992	14,390,903	15,916,172	17,396,833	2,441,470	2,799,750	3,160,732	3,511,372	3,962,103	4,161,790
Less: Personal contributions for social insurance[3]	768,029	853,425	942,449	988,386	1,128,203	1,275,636	135,120	163,252	180,152	193,286	225,059	245,349
Plus: Adjustment for residence	−475,297	−556,252	−573,830	−662,501	−715,939	−806,797	817,546	959,563	1,043,311	1,220,214	1,277,621	1,347,584
Equals: Net earnings by place of residence	10,580,124	11,220,061	11,840,713	12,740,016	14,072,030	15,314,400	3,123,896	3,596,061	4,023,891	4,538,300	5,014,665	5,264,025
Plus: Dividends, interest, and rent[5]	2,793,551	2,900,635	3,015,484	3,093,382	3,322,626	3,847,304	596,199	669,164	739,699	809,749	923,530	1,059,408
Plus: Transfer payments	2,194,443	2,273,723	2,273,261	2,383,680	2,580,637	2,891,470	468,060	496,970	529,905	552,617	591,658	642,665
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,711,771	10,268,318	10,921,046	11,665,828	12,870,755	14,073,180	1,940,987	2,212,329	2,479,108	2,689,733	3,027,086	3,172,539
Other labor income	938,876	1,078,166	1,044,352	1,109,226	1,220,219	1,352,614	204,531	223,855	254,060	266,061	300,554	317,717
Proprietors' income[6]	1,172,803	1,283,254	1,391,594	1,615,849	1,825,198	1,971,039	295,952	363,566	427,564	555,578	634,463	671,534
Farm	74,256	85,928	124,518	133,872	157,065	168,957	4,232	4,181	5,426	11,084	12,989	9,901
Nonfarm	1,098,547	1,197,326	1,267,076	1,481,977	1,668,133	1,802,082	291,720	359,385	422,138	544,494	621,474	661,633
Earnings by industry:												
Farm	113,361	124,968	163,381	174,956	198,327	210,836	9,480	9,378	10,790	16,552	18,735	15,671
Nonfarm	11,710,089	12,504,770	13,193,611	14,215,947	15,717,845	17,185,997	2,431,990	2,790,372	3,149,942	3,494,820	3,943,368	4,146,119
Private	10,140,505	10,741,707	11,442,880	12,348,435	13,709,600	15,039,786	2,071,486	2,401,844	2,733,771	3,038,968	3,444,245	3,591,440
Agricultural services, forestry, fisheries, and other[7]	60,170	61,534	63,673	88,346	96,218	103,491	8,243	14,222	17,875	18,496	20,875	21,603
Agricultural services	43,253	44,476	48,284	68,966*	79,339	82,079*	6,761	8,406	10,251	15,411	17,108	17,800
Forestry, fisheries, and other[7]	16,917	17,058	15,389	(D)	16,879	(D)	1,482	5,816	7,624	3,085	3,767	3,803
Mining	40,721	50,971	28,400	26,969	30,384	34,074	5,853	8,399	5,603	7,908	10,795	10,756
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	31,862	11,255	(D)	(D)	(D)	(D)	(D)	(D)	2,349	3,899	4,096
Metal mining	511	(D)	(D)	(D)	470	(D)	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	6,610	8,354	9,170	8,619	(D)	(D)	(D)	(D)	(D)	5,559	6,896	6,660
Construction	585,538	643,412	688,242	721,428	870,196	1,024,580	327,810	411,661	448,905	440,747	470,754	426,729
Manufacturing	2,535,368	2,600,235	2,740,899	2,868,518	3,148,856	3,338,263	648,358	695,994	747,611	767,638	840,483	889,324
Nondurable goods	636,653	657,577	687,970	740,789	797,517	792,712	208,066	209,349	212,257	216,427	245,382	255,097
Food and kindred products	191,120	196,286	205,459	216,610	221,083	210,018	13,746*	14,626*	15,159*	18,375	20,474	19,905*
Textile mill products	23,106*	24,379*	22,289*	31,480*	33,750*	35,145*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	32,579*	30,821*	31,690*	34,873*	34,667*	36,853*	(D)	1,549*	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	11,693	12,604	14,750	15,677	13,148	13,098
Printing and publishing	148,384	163,139	171,316	196,608	230,354	222,884	19,673	22,556	25,311	29,683	33,902	37,651
Chemicals and allied products	38,088*	38,659*	37,016*	38,138*	40,045*	42,154*	3,592	3,456	5,363	6,508*	8,943*	10,327*
Petroleum and coal products	10,497*	7,410*	10,204*	9,695	14,345	12,686*	70	(D)	234	250	(D)	0
Tobacco manufactures	(D)	(D)	97	135	(D)	67	0	0	0	(D)	(D)	0
Rubber and misc. plastic products	42,849*	42,199*	43,067*	48,455*	63,865	(D)	96,146	104,849	100,659	91,957	105,095	107,703
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	52,744	39,311	37,051	36,808	42,328	43,157
Durable goods	1,898,715	1,942,658	2,052,929	2,127,729	2,351,339	2,545,551	440,292	486,645	535,354	551,211	595,101	634,227
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	12,249	14,678	18,499	22,466	22,310*	21,325
Furniture and fixtures	34,667	36,047	35,234*	(D)	(D)	51,545*	2,903	(D)	(D)	(D)	(D)	(D)
Primary metal industries	204,761	195,457*	204,703*	235,294*	263,914*	313,783*	30,332*	41,071*	45,205*	54,401*	64,031*	60,174
Fabricated metal products	207,789	206,597	201,294	215,431	233,069	266,061	59,262	56,744	63,035	65,358	69,693	74,563
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	165,643	200,376	225,289	221,478	231,294	245,144
Electric and electronic equipment	250,876	248,576	259,754	296,287	345,730	386,710	75,171	71,171	73,495	79,393	89,270	114,816
Transportation equip. excl. motor vehicles	97,027*	109,147	163,144	148,998*	175,414*	172,691*	(D)	(D)	1,878	(D)	(D)	892*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,030	(D)	(D)	1,342
Stone, clay, and glass products	47,392	48,524	53,556	59,923	71,591	77,344	17,094	19,499	20,820	24,326	24,694	22,273
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	42,515	44,042	45,323	55,378	67,530	71,095	(D)	11,054*	12,095*	3,399*	3,347*	3,553*
Transportation and public utilities	1,068,269	1,088,579	1,087,941	1,184,693	1,303,480	1,394,067	104,626	121,785	144,266	155,114	175,612	188,316
Railroad transportation	89,352*	81,272*	72,868*	65,474	62,162	62,570	2,565	2,443	1,607	1,346	1,082	853
Trucking and warehousing	332,047	350,389	360,719	398,561	423,109	465,489*	27,321	32,437	38,421	40,906	46,187	50,559
Water transportation	57,296	46,217*	47,969*	53,024*	56,836	58,897*	2,045*	2,840*	3,163*	3,294*	3,110*	3,331*
Other transportation[8]	(D)	135,401*	(D)	173,736*	227,055	(D)	(D)	(D)	13,198	15,692	(D)	(D)
Communication	(D)	(D)	(D)	302,966	(D)	(D)	23,502	25,960	27,435	31,924	39,116	37,075
Electric, gas, and sanitary services	175,663*	199,492	187,084	178,778	(D)	(D)	40,260	47,654	56,506*	57,090*	61,904*	77,555
Wholesale trade	1,168,555	1,245,316	1,310,715	1,360,718	1,516,232	1,685,265	125,234	154,451	179,288	215,453	238,774	248,543
Retail trade	1,301,338	1,331,023	1,404,751	1,465,810	1,635,066	1,769,651	319,309	359,222	423,958	479,243	537,858	559,811
Finance, insurance, and real estate	786,931	847,246	943,664	1,120,505	1,153,683	1,215,572	102,823	118,930	151,979	215,343	277,632	264,689
Banking and credit agencies	289,466	304,033	330,526	351,030	374,793	409,828	(D)	(D)	(D)	68,126	(D)	(D)
Other finance, insurance, and real estate[9]	497,465	543,213	613,138	769,475	778,890	805,744	(D)	(D)	(D)	147,217	(D)	(D)
Services	2,593,615	2,873,391	3,174,595	3,511,448	3,955,485	4,474,823	429,230	517,180	614,286	739,026	871,462	981,669
Hotels and other lodging places	60,119	61,183	64,940	74,277	90,581	100,204	16,970	19,843	19,009	24,188	25,378	21,684
Personal services	111,233*	134,588*	144,630*	148,160*	170,192*	201,450	23,341	30,191	36,916	44,099	54,295	61,178
Private households	26,923	27,001	26,947	27,014	28,855	30,666	(D)	(D)	(D)	(D)	7,673	8,151
Business services	483,139	578,232	655,862	751,006	876,134	1,037,745	101,538	129,118	159,416	193,349	244,682	295,144
Auto repair, services, and garages	134,078	149,407	157,715	167,465	177,976	198,065	30,877	35,721	42,795	48,121	52,940	55,614
Miscellaneous repair services	66,266	62,817	77,574	81,907	89,833	104,653	7,633	8,743	10,362	11,023	12,973	14,431
Amusement and recreation services	45,392	55,083	55,181	62,527	72,769	80,843	15,101	16,986	19,339	23,389	26,943	29,209
Motion pictures	(D)	(D)	(D)	(D)	(D)	20,530*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	864,467	941,887	1,023,405	1,145,330	1,250,058	1,390,466	116,663	137,375	154,978	188,791	219,901	250,317
Legal services	248,888	263,492	298,879	319,088	366,043	400,297	21,583	24,839	31,590	36,174	42,713	45,030
Educational services	101,603*	107,540*	115,771*	131,803*	141,844*	168,847	20,799	22,958	25,296	28,732	31,734	34,365
Social services	82,013	91,733	103,996	116,568	132,770	148,967	10,528	13,580	16,875	21,267	24,803	28,220
Museums, botanical, zoological gardens	4,262*	4,915*	5,941*	6,194*	6,954*	7,965*	(D)	(D)	(D)	(D)	758*	782*
Membership organizations	107,205	113,177	119,991	128,813	141,170	150,353	15,361	16,018	16,295	20,557	23,883	25,585
Miscellaneous services	234,302	255,252	294,406	320,317	373,118	431,542	40,556	53,127	72,504	89,688	100,512	109,564
Government and government enterprises	1,569,584	1,763,063	1,750,731	1,867,512	2,008,245	2,146,211	360,504	388,528	416,171	455,852	499,123	554,679
Federal, civilian	398,113	416,305	420,323	454,157	500,670	538,513	50,237	52,285	53,605	56,194	60,468	70,995
Military	32,623	40,463	49,261	49,057	48,637	49,636	78,332	84,117	87,940	91,909	92,457	97,210
State and local	1,138,848	1,306,295	1,281,147	1,364,298	1,458,938	1,558,062	231,935	252,126	274,626	307,749	346,198	386,474

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Poughkeepsie, NY (MSA)						Providence—Pawtucket—Woonsocket, RI (NECMA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,809,309**	**4,083,891**	**4,352,949**	**4,677,087**	**5,081,318**	**5,434,883**	**11,337,449**	**12,047,779**	**12,870,479**	**13,951,522**	**15,269,232**	**16,366,127**
Nonfarm personal income	3,796,741	4,070,775	4,338,176	4,661,250	5,064,640	5,417,656	11,314,716	12,017,318	12,838,796	13,920,869	15,238,342	16,338,133
Farm income[1]	12,568	13,116	14,773	15,837	16,678	17,227	22,733	30,461	31,683	30,653	30,890	27,994
Population (thousands)[2]	252.0	254.3	255.7	258.9	262.2	264.7	876.7	882.7	890.7	902.0	908.0	913.1
Per capita personal income (dollars)	**15,115**	**16,062**	**17,023**	**18,066**	**19,379**	**20,533**	**12,932**	**13,648**	**14,450**	**15,467**	**16,815**	**17,923**
Derivation of total personal income:												
Total earnings by place of work	2,794,811	3,001,123	3,156,830	3,294,405	3,558,471	3,756,459	7,642,241	8,182,702	8,903,907	9,772,301	10,715,210	11,303,991
Less: Personal contributions for social insurance[3]	175,862	198,643	217,001	224,233	251,058	272,534	542,831	608,630	672,834	712,474	814,307	894,603
Plus: Adjustment for residence	119,943	146,148	207,402	319,339	352,409	352,432	219,414	247,100	216,695	206,664	204,292	205,566
Equals: Net earnings by place of residence	2,738,892	2,948,628	3,147,231	3,389,511	3,659,822	3,836,357	7,318,824	7,821,172	8,447,768	9,266,491	10,105,195	10,614,954
Plus: Dividends, interest, and rent[5]	568,587	609,923	651,879	700,081	794,799	909,133	2,002,173	2,051,977	2,164,989	2,305,299	2,612,523	3,014,636
Plus: Transfer payments	501,830	525,340	553,839	587,495	626,697	689,393	2,016,452	2,174,630	2,257,722	2,379,732	2,551,514	2,736,537
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,358,760	2,538,493	2,661,853	2,761,388	2,981,678	3,148,615	6,337,187	6,803,273	7,372,414	8,053,285	8,817,213	9,290,206
Other labor income	258,730	258,256	265,715	251,925	267,215	284,055	658,916	670,034	732,383	788,263	853,578	903,703
Proprietors' income[6]	177,321	204,374	229,262	281,092	309,578	323,789	646,138	709,395	799,110	930,753	1,044,419	1,110,082
Farm	6,444	7,087	8,855	9,681	10,568	11,090	19,174	27,036	28,201	27,099	27,194	24,574
Nonfarm	170,877	197,287	220,407	271,411	299,010	312,699	626,964	682,359	770,909	903,654	1,017,225	1,085,508
Earnings by industry:												
Farm	12,568	13,116	14,773	15,837	16,678	17,227	22,733	30,461	31,683	30,653	30,890	27,994
Nonfarm	2,782,243	2,988,007	3,142,057	3,278,568	3,541,793	3,739,232	7,619,508	8,152,241	8,872,224	9,741,648	10,684,320	11,275,997
Private	2,318,557	2,489,342	2,607,850	2,707,091	2,924,025	3,070,134	6,534,053	6,994,041	7,667,326	8,447,034	9,263,374	9,755,255
Agricultural services, forestry, fisheries, and other[7]	8,361	8,917	10,672	15,080	16,522	17,953	37,697	57,788	78,590	87,132	103,012	106,047
Agricultural services	8,042	8,557	10,374	14,846	16,230	17,659	20,189	21,896	24,244	32,154	(D)	(D)
Forestry, fisheries, and other[7]	319	360	298	234	292	294	17,508	35,892	54,346	54,978	(D)	(D)
Mining	13,423	15,046	9,505	8,636	11,655	13,366	18,493	24,826	9,921	10,973	15,639	15,070
Coal mining	789	58	62	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	5,423	7,917	2,315	2,298	4,309	4,539	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	56	56	62	0	0	0	0	0	0
Nonmetallic minerals, except fuels	7,228	7,081	7,129	6,257	7,262	8,736	(D)	(D)	(D)	(D)	(D)	(D)
Construction	161,794	192,568	217,586	247,330	273,222	271,080	387,512	450,006	539,783	630,742	731,228	750,155
Manufacturing	1,259,624	1,307,198	1,294,374	1,221,574	1,285,150	1,353,220	2,352,518	2,336,952	2,452,199	2,513,764	2,613,495	2,668,144
Nondurable goods	181,032	170,444	160,259	105,804	109,122	114,518	752,341	763,928	805,365	822,223	862,030	873,736
Food and kindred products	8,243	7,969	6,679	5,100	4,207	3,935	53,686*	(D)	65,359	63,540	67,769	69,100
Textile mill products	4,827	3,843	4,559	4,777	4,268	4,181	201,301	193,446	200,132	199,499*	213,279*	205,344*
Apparel and other textile products	4,090	3,485	2,172	1,765	(D)	(D)	44,417*	43,433	44,607*	43,888*	(D)	28,692*
Paper and allied products	10,993	11,198	9,369	10,524	10,420	8,924	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	17,200	19,136	22,137	23,422	26,823	27,262	136,218	149,997	163,235	173,147*	187,374	191,275
Chemicals and allied products	1,044	971	670	(D)	574	1,077	84,323*	85,416*	89,325*	94,111*	99,383*	100,363*
Petroleum and coal products	(D)	106,032	96,039	38,915	40,756	45,267	(D)	(D)	(D)	(D)	9,643	1,639
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	18,157	17,810	18,634	19,981	20,403	21,637	125,053*	131,557*	136,066*	137,529	148,417	(D)
Leather and leather products	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,078,592	1,136,754	1,134,115	1,115,770	1,176,028	1,238,702	1,600,177	1,573,024	1,646,834	1,691,541	1,751,465	1,794,408
Lumber and wood products	4,243	4,218	5,182	7,287	8,087	7,152	(D)	(D)	(D)	(D)	29,735*	27,056*
Furniture and fixtures	4,870	5,917	6,239	6,379	5,939	4,236	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,188	733	1,030	784	658	732	194,205	137,328	134,484	129,428*	131,291*	126,813*
Fabricated metal products	9,533	10,508	11,128	10,266	11,824	14,725	190,859	194,465	197,260	193,504	216,913	228,709
Machinery, except electrical	544,544	549,710	542,846	535,537	553,123	585,529	(D)	134,668	146,898	162,607	171,417	176,521
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	157,386*	151,226*	157,515*	166,166*	139,821*	151,432*
Transportation equip. excl. motor vehicles	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,611	6,085	8,505	8,681	8,982	9,072	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	5,609	5,104	4,725	4,073	4,301	4,233	97,673	116,770	(D)	(D)	120,294*	(D)
Miscellaneous manufacturing industries	1,019	849	904	1,027	(D)	541	482,557*	504,991*	541,846*	570,470*	598,968	624,886
Transportation and public utilities	94,001	96,082	99,898	107,230	115,493	119,239	349,033	365,365	394,743	430,444	460,160	460,912
Railroad transportation	100	110	105	146	237	283	11,552*	10,793*	(D)	(D)	(D)	(D)
Trucking and warehousing	19,102	20,040	21,489	23,894	26,809	29,269	86,120	86,398	94,171	106,506	112,963	116,948
Water transportation	(D)	(D)	1,290	1,580	935	179	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	36,848	34,610	34,048	35,854	37,475	33,645	123,714*	128,469*	139,075	146,566	152,443*	137,179*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	74,458	80,166	82,768	89,236	100,819	105,657
Wholesale trade	87,304	96,431	107,482	109,384	81,631	84,169	433,243	488,814	536,849	589,852	645,936	697,039
Retail trade	197,750	219,181	240,073	266,401	302,579	308,197	761,327	835,853	922,503	1,021,296	1,129,731	1,178,744
Finance, insurance, and real estate	62,589	68,887	82,884	120,444	118,565	120,551	478,765	519,483	590,739	725,218	775,925	789,095
Banking and credit agencies	29,678	31,183	38,072	46,258	50,992	54,808	177,469*	205,218	234,821	267,071	297,831*	302,622*
Other finance, insurance, and real estate[9]	32,911	37,704	44,812	74,186	67,573	65,743	283,365*	314,265	355,918	458,147	435,458*	443,147*
Services	433,711	485,032	545,376	611,012	719,208	782,359	1,715,465	1,914,954	2,141,999	2,437,613	2,788,248	3,090,049
Hotels and other lodging places	9,069	9,780	10,153	14,027	15,965	16,296	17,324*	(D)	(D)	(D)	(D)	(D)
Personal services	13,278	17,060	19,531	20,666	24,091	26,620	73,303	91,425	103,738	113,091	130,287	147,562
Private households	9,923	9,939	9,890	9,850	10,411	10,886	17,192	17,308	17,323	17,435	18,469	19,362
Business services	51,958	58,423	67,138	73,899	117,475	129,280	228,363	260,080	315,940	390,262	448,841	503,950
Auto repair, services, and garages	16,359	18,514	21,763	23,140	24,600	25,933	61,187	68,851	79,296	85,349	93,645	103,646
Miscellaneous repair services	5,820	4,751	4,534	6,656	8,733	8,459	33,437	32,809	36,574*	37,857	40,257	42,634
Amusement and recreation services	6,989	8,524	9,776	10,531	12,220	13,077	31,628	(D)	39,060	43,670	48,625	52,298
Motion pictures	816	1,309	1,918	1,574	1,607	1,486	2,880*	(D)	(D)	(D)	(D)	(D)
Health services	157,828	173,270	193,022	220,572	245,446	268,033	689,544	756,514	803,246	901,719	1,030,290	1,142,827
Legal services	31,398	32,669	38,616	45,019	50,494	54,379	134,714	147,915	173,394	194,720	228,704	246,170
Educational services	60,583	66,978	73,971	79,907	89,685	98,799	160,876*	179,863*	193,398*	217,219*	237,525*	259,267*
Social services	28,731	34,430	34,767	34,935	39,429	43,296	65,510	74,867	84,306	96,361	113,954	136,218
Museums, botanical, zoological gardens	381	404	2,067	2,610	2,739	2,851	276*	(D)	(D)	(D)	(D)	(D)
Membership organizations	16,753	17,663	18,909	22,433	25,143	26,432	66,328	67,080	76,635	86,767	99,508	105,068
Miscellaneous services	23,825	31,318	39,321	45,193	51,170	56,532	115,819	138,039	175,235	204,396	245,155	273,350
Government and government enterprises	463,686	498,665	534,207	571,477	617,768	669,098	1,085,455	1,158,200	1,204,898	1,294,614	1,420,946	1,520,742
Federal, civilian	50,362	53,710	55,682	60,077	66,337	73,006	160,096	170,358	173,285	190,048	205,832	215,809
Military	2,782	3,261	3,532	3,848	4,016	4,180	34,534	37,527	41,706	39,569	40,899	42,124
State and local	410,542	441,694	474,993	507,552	547,415	591,912	890,825	950,315	989,907	1,064,997	1,174,215	1,262,809

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Provo—Orem, UT (MSA)						Pueblo, CO (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,838,578**	**1,959,422**	**2,080,093**	**2,223,478**	**2,476,226**	**2,720,691**	**1,297,648**	**1,350,589**	**1,407,107**	**1,445,009**	**1,542,425**	**1,659,193**
Nonfarm personal income	1,825,900	1,944,619	2,065,125	2,205,993	2,454,079	2,700,304	1,287,390	1,338,406	1,394,220	1,431,580	1,525,191	1,645,063
Farm income[1]	12,678	14,803	14,968	17,485	22,147	20,387	10,258	12,183	12,887	13,429	17,234	14,130
Population (thousands)[2]	236.9	240.1	239.6	241.6	242.7	243.5	126.0	126.0	126.7	127.4	127.6	127.9
Per capita personal income (dollars)	**7,762**	**8,161**	**8,683**	**9,204**	**10,203**	**11,171**	**10,302**	**10,716**	**11,106**	**11,343**	**12,084**	**12,974**
Derivation of total personal income:												
Total earnings by place of work	1,261,973	1,346,474	1,424,661	1,491,001	1,717,610	1,890,257	797,303	831,239	855,403	869,203	924,372	983,531
Less: Personal contributions for social insurance[3]	73,034	80,057	89,154	88,760	102,217	117,872	44,617	48,784	51,458	52,260	58,038	65,060
Plus: Adjustment for residence	164,295	173,470	170,736	172,487	180,242	198,668	−12,099	−13,380	−14,398	−12,494	−14,346	−15,921
Equals: Net earnings by place of residence	1,353,234	1,439,887	1,506,243	1,574,728	1,795,635	1,971,053	740,587	769,075	789,547	804,449	851,988	902,550
Plus: Dividends, interest, and rent[5]	225,251	245,246	256,205	271,836	287,947	334,504	238,535	255,673	265,987	262,528	275,982	313,907
Plus: Transfer payments	260,093	274,289	317,645	376,914	392,644	415,134	318,526	325,841	351,573	378,032	414,455	442,736
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,002,610	1,072,431	1,136,900	1,182,935	1,364,037	1,507,557	648,085	678,554	694,620	701,031	740,312	784,106
Other labor income	101,102	101,888	103,183	100,667	118,442	132,416	63,053	62,161	62,527	61,661	66,289	72,349
Proprietors' income[6]	158,261	172,155	184,578	207,399	235,131	250,284	86,165	90,524	98,256	106,511	117,771	127,076
Farm	5,507	7,775	8,121	10,416	15,205	13,485	7,356	9,341	10,131	10,578	14,416	11,342
Nonfarm	152,754	164,380	176,457	196,983	219,926	236,799	78,809	81,183	88,125	95,933	103,355	115,734
Earnings by industry:												
Farm	12,678	14,803	14,968	17,485	22,147	20,387	10,258	12,183	12,887	13,429	17,234	14,130
Nonfarm	1,249,295	1,331,671	1,409,693	1,473,516	1,695,463	1,869,870	787,045	819,056	842,516	855,774	907,138	969,401
Private	1,055,298	1,107,494	1,163,333	1,227,674	1,439,889	1,602,801	596,180	612,600	626,572	625,873	668,914	722,012
Agricultural services, forestry, fisheries, and other[7]	3,169	3,881	3,750	5,014	5,160	5,714	2,149	2,317	2,354	2,933	3,111	3,657
Agricultural services	3,079	3,632	3,446	4,763	4,848	5,386	2,088	2,125	2,112	2,725	2,856	3,397
Forestry, fisheries, and other[7]	90	249	304	251	312	328	61	192	242	208	255	260
Mining	6,053	3,769	1,393	1,281	1,750	1,927	4,464	4,633	3,014	3,221	3,127	3,273
Coal mining	172	203	227	(D)	122	132	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,950	2,384	783	782	1,070	1,151	4,165	4,443	2,788	2,668	2,570	2,984
Metal mining	(D)	(D)	169	(D)	247	301	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	214	170	311	343	300	188	222	527	530	260
Construction	101,702	101,379	98,145	91,586	97,144	103,222	53,038	57,430	63,670	58,754	60,066	60,724
Manufacturing	290,686	276,879	258,393	238,208	331,329	359,016	137,814	128,785	123,100	119,311	133,753	151,716
Nondurable goods	38,975	41,016	45,077	53,800	78,889	90,943	17,948	19,077	20,280	22,553	23,478	24,429
Food and kindred products	6,283	8,203	9,995	15,460	21,369	25,411	11,226	12,199	13,124	13,359	13,138	13,497
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	16,432	15,979	16,169	15,738	16,764	14,284	(D)	0	0	0	0	(D)
Paper and allied products	0	0	0	0	0	0	0	0	0	(D)	(D)	(D)
Printing and publishing	6,909	7,309	8,723	11,619	19,101	29,541	6,167	6,250	6,576	6,201	6,642	7,578
Chemicals and allied products	7,769	8,022	8,703	9,293	20,362	19,493	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	226	261	286	342	289	299
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	1,318	(D)	1,245	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	(D)	(L)	(D)	0	0	0	0	(D)	(D)	(D)
Durable goods	251,711	235,863	213,316	184,408	252,440	268,073	119,866	109,708	102,820	96,758	110,275	127,287
Lumber and wood products	2,492	2,486	2,881	2,833	2,699	3,181	571	729	882	932	1,021	1,085
Furniture and fixtures	4,730	4,324	3,499	4,010	3,274	3,228	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	38,023	(D)	(D)	94,407	(D)	(D)	(D)	(D)	67,785
Fabricated metal products	37,868	31,313	34,220	37,603	41,843	48,463	4,602	4,406	(D)	4,611	(D)	6,345
Machinery, except electrical	25,424	25,193	28,959	36,809	25,107	20,868	(D)	15,474	22,454	28,435	14,945	17,931
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	515	3,634	2,191	3,708	4,865	5,731	0	(D)	(D)	(D)	(D)	5,924
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	12,069	11,491	11,080	10,369	12,746	14,821	9,007	8,989	9,550	6,172	5,978	6,020
Instruments and related products	(D)	217	389	1,742	2,647	2,187	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,249	1,296	1,283	2,063	3,639	3,689	540	559	463	(L)	(D)	1,575
Transportation and public utilities	62,880	67,525	68,444	71,116	73,465	77,392	77,806	77,183	72,740	64,856	67,253	75,073
Railroad transportation	7,479	7,314	5,099	(D)	(D)	3,665	28,633	26,752	22,715	18,930	20,547	23,153
Trucking and warehousing	20,693	23,362	27,553	31,053	36,245	38,122	13,558	15,111	13,810	11,194	10,508	11,692
Water transportation	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	8,338	8,377	8,971	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	13,671	14,345	12,437	11,910	10,546	(D)	13,965	13,286	13,305	13,095	13,230	13,767
Electric, gas, and sanitary services	12,711	14,135	14,395	13,857	13,018	13,507	17,601	18,643	19,338	17,998	18,999	21,821
Wholesale trade	29,308	31,678	37,342	43,093	66,382	86,976	25,054	27,453	27,169	24,552	24,589	25,653
Retail trade	126,782	133,959	140,017	144,891	156,882	171,941	98,234	104,493	105,811	109,926	113,957	116,584
Finance, insurance, and real estate	39,066	42,644	46,531	54,758	54,262	57,325	36,668	38,629	43,372	41,074	40,237	42,181
Banking and credit agencies	20,037	19,695	24,389	26,389	25,430	26,240	18,015	20,064	21,604	16,952	17,246	17,562
Other finance, insurance, and real estate[9]	19,029	22,949	22,142	28,369	28,832	31,085	18,653	18,565	21,768	24,122	22,991	24,619
Services	395,652	445,780	509,318	577,727	653,515	739,288	160,953	171,677	185,342	201,246	222,821	243,151
Hotels and other lodging places	3,114	3,194	2,652	3,356	3,064	2,614	2,324	4,011	3,921	4,295	4,438	3,703
Personal services	11,253	14,039	15,396	17,696	21,237	25,696	8,239	9,400	10,323	10,401	11,614	13,057
Private households	3,860	3,910	3,937	3,954	4,179	4,393	2,061	2,089	2,098	2,104	2,213	2,319
Business services	(D)	(D)	(D)	(D)	(D)	(D)	11,107	13,256	14,930	17,224	19,305	22,397
Auto repair, services, and garages	15,431	16,924	19,314	22,142	23,293	26,273	10,442	11,412	12,530	12,959	13,329	14,234
Miscellaneous repair services	6,576	5,588	5,792	4,765	4,979	5,726	3,572	3,823	3,990	3,557	3,887	4,048
Amusement and recreation services	5,601	6,903	7,458	8,938	9,674	11,406	2,790	3,402	3,452	3,200	3,665	3,470
Motion pictures	11,159	12,991	13,998	15,051	19,633	23,817	701	706	(D)	(D)	(D)	(D)
Health services	90,010	102,330	116,201	142,505	151,325	163,126	84,998	86,609	93,065	104,545	118,135	129,369
Legal services	6,194	6,821	8,153	9,896	9,664	10,504	7,241	7,617	8,784	9,686	10,622	11,736
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,012	1,273	1,181	1,179	1,918	2,198
Social services	1,146	1,484	2,290	2,947	4,068	5,436	(D)	(D)	9,553	9,342	9,490	10,628
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	27,139	28,900	31,048	35,563	41,060	44,562	9,425	9,443	9,760	10,785	12,180	12,977
Miscellaneous services	16,005	18,923	21,152	22,093	25,103	27,921	8,771	9,245	11,105	11,289	11,415	12,375
Government and government enterprises	193,997	224,177	246,360	245,842	255,574	267,069	190,865	206,456	215,944	229,901	238,224	247,389
Federal, civilian	18,283	19,543	19,751	20,564	22,133	22,375	32,858	35,369	33,029	35,256	37,180	38,864
Military	7,721	8,346	9,637	10,327	10,775	11,092	3,721	7,690	9,719	9,395	9,563	7,460
State and local	167,993	196,288	216,972	214,951	222,666	233,602	154,286	163,397	173,196	185,250	191,481	201,065

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Racine, WI (PMSA)						Raleigh—Durham, NC (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,309,539**	**2,404,297**	**2,508,361**	**2,668,714**	**2,846,504**	**3,045,741**	**8,231,381**	**9,293,356**	**10,147,170**	**11,043,677**	**12,131,197**	**13,302,112**
Nonfarm personal income	2,290,927	2,381,781	2,483,530	2,642,079	2,823,758	3,025,067	8,160,511	9,239,820	10,108,210	10,997,148	12,078,534	13,234,081
Farm income[1]	18,612	22,516	24,831	26,635	22,746	20,674	70,870	53,536	38,960	46,529	52,663	68,031
Population (thousands)[2]	171.2	171.6	171.2	171.7	173.8	174.8	610.0	631.3	650.5	664.9	683.5	702.1
Per capita personal income (dollars)	**13,488**	**14,008**	**14,648**	**15,538**	**16,380**	**17,426**	**13,493**	**14,722**	**15,600**	**16,610**	**17,750**	**18,945**
Derivation of total personal income:												
Total earnings by place of work	1,485,725	1,524,749	1,635,225	1,737,370	1,887,236	2,016,613	7,028,033	8,074,350	8,820,148	9,595,278	10,534,133	11,423,169
Less: Personal contributions for social insurance[3]	93,345	100,432	106,837	117,240	133,580	148,741	408,233	489,714	539,172	566,721	636,015	707,646
Plus: Adjustment for residence	202,913	227,509	204,438	251,662	254,629	254,616	−398,006	−516,533	−546,314	−561,615	−619,308	−653,776
Equals: Net earnings by place of residence	1,595,293	1,651,826	1,732,826	1,871,792	2,008,285	2,122,488	6,221,794	7,068,103	7,734,662	8,466,942	9,278,810	10,061,747
Plus: Dividends, interest, and rent[5]	372,459	386,400	389,874	396,818	419,367	475,138	1,131,196	1,276,301	1,389,917	1,480,894	1,657,577	1,920,722
Plus: Transfer payments	341,787	366,071	385,661	400,104	418,852	448,115	878,391	948,952	1,022,591	1,095,841	1,194,810	1,319,643
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,240,158	1,269,174	1,361,096	1,434,598	1,563,404	1,672,492	5,929,943	6,846,909	7,467,036	8,093,824	8,867,351	9,603,942
Other labor income	137,124	133,411	144,848	150,015	164,089	178,246	545,845	592,974	642,229	673,987	731,399	802,792
Proprietors' income[6]	108,443	122,164	129,281	152,757	159,743	165,875	552,245	634,467	710,883	827,467	935,383	1,016,435
Farm	13,236	17,150	19,544	21,095	17,185	15,059	57,418	40,236	25,764	32,522	38,509	53,575
Nonfarm	95,207	105,014	109,737	131,662	142,558	150,816	494,827	594,231	685,119	794,945	896,874	962,860
Earnings by industry:												
Farm	18,612	22,516	24,831	26,635	22,746	20,674	70,870	53,536	38,960	46,529	52,663	68,031
Nonfarm	1,467,113	1,502,233	1,610,394	1,710,735	1,864,490	1,995,939	6,957,163	8,020,814	8,781,188	9,548,749	10,481,470	11,355,138
Private	1,301,303	1,327,006	1,425,128	1,518,197	1,653,832	1,775,942	5,476,753	6,350,200	6,937,439	7,540,111	8,311,727	8,999,986
Agricultural services, forestry, fisheries, and other[7]	4,088	4,084	4,061	5,851	6,148	6,802	23,105	30,637	33,525	45,911	47,869*	52,396
Agricultural services	4,047	4,003	3,960	5,772	6,052	6,708	21,611	28,792	31,582	44,174	47,606	50,555
Forestry, fisheries, and other[7]	(L)	81	101	79	96	94	1,494	1,845	1,943	1,737	1,822*	1,841
Mining	4,272	5,731	2,980	2,524	3,124	3,356	19,566	27,362	16,569	17,213	20,079*	22,263
Coal mining	0	0	0	0	0	0	133	81	68	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	10,827*	(D)	(D)	(D)	(D)	8,667*
Metal mining	0	0	0	0	0	0	(D)	(L)	161	(D)	267	264
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10,748*	12,803*
Construction	56,580	61,416	71,602	75,414	84,217	97,523	524,462	676,834	685,491	632,117	680,548	674,297
Manufacturing	732,526	728,074	762,376	785,765	866,131	924,095	1,478,156	1,659,898	1,746,802	1,826,549	2,021,914	2,226,653
Nondurable goods	245,741	256,845	271,704	279,080	309,438	333,592	462,237	485,537	544,903	614,698	664,109	720,046
Food and kindred products	15,756	20,236	24,158	24,270	26,696	30,577	53,697*	58,081*	62,613*	69,688*	76,716*	75,298*
Textile mill products	(D)	(D)	0	0	0	0	(D)	47,450	(D)	(D)	(D)	(D)
Apparel and other textile products	4,349	4,573	(D)	(D)	(D)	(D)	27,588*	(D)	29,614*	(D)	(D)	35,340
Paper and allied products	8,712	8,465	9,038	9,778	10,460	11,398	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	62,453	62,932	64,874	69,899	76,019	78,190	61,657*	72,138*	85,092*	92,535*	106,728*	114,740*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	177,930*	(D)	293,613*	315,849
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	123,865*	117,175*	96,605*	98,865*	(D)	(D)
Rubber and misc. plastic products	27,790	27,437	30,072	31,282	31,900	33,957	17,197*	20,065*	21,290*	26,860*	(D)	(D)
Leather and leather products	464	530	435	577	521	609	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	486,785	471,229	490,672	506,685	556,693	590,503	1,015,919	1,174,361	1,201,899	1,211,851	1,357,805	1,506,607
Lumber and wood products	1,551	1,760	2,459	2,602	2,238	2,121	29,139	34,411	39,929	(D)	(D)	35,389
Furniture and fixtures	2,479	3,037	2,974	2,629	2,643	2,396	19,859	20,081	24,530	(D)	(D)	27,767*
Primary metal industries	38,132	33,999	34,196	38,937	48,282	52,782	13,110	(D)	(D)	(D)	(D)	11,619*
Fabricated metal products	60,861	62,399	72,996	77,426	86,033	93,877	39,820*	44,802*	46,460*	50,182*	66,125*	70,887*
Machinery, except electrical	260,781	246,875	257,677	258,787	284,228	298,009	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	72,219	70,991	72,876	73,947	73,484	80,570	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	2,332	2,533	2,596	2,707	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	20,772	(D)	(D)	(D)	(D)	(D)	(D)	9,414*	12,213*	13,487*	15,593*	26,685*
Stone, clay, and glass products	17,904	18,326	18,464	19,706	22,218	21,927	19,536*	23,984*	25,391*	21,358*	22,571	24,592*
Instruments and related products	7,086	(D)	(D)	(D)	(D)	(D)	(D)	73,321*	74,783*	75,111*	84,211*	86,227*
Miscellaneous manufacturing industries	(D)	(D)	3,458	4,349	4,256	4,689	7,635*	9,094*	9,611*	11,878*	14,586	(D)
Transportation and public utilities	51,911	51,004	75,334	76,740	79,184	80,154	463,667	504,653	553,858	577,693	605,471	611,816
Railroad transportation	1,816	1,811	1,984	(D)	1,765	1,448	15,977	15,417	15,637	15,091	13,703	11,264
Trucking and warehousing	25,044	21,672	24,215	24,170	(D)	(D)	103,758	112,772	121,644	124,769	133,561	137,071
Water transportation	905	619	626	877	1,248	1,136	−19*	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	7,304	6,314	9,457	11,205	12,488	13,409	(D)	(D)	(D)	(D)	(D)	(D)
Communication	11,555	11,970	12,197	11,082	10,692	9,363	133,670*	144,735*	163,104*	174,756*	184,087*	175,634*
Electric, gas, and sanitary services	5,287	8,618	26,855	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	54,649	52,761	54,234	59,427	60,936	72,813	456,561	528,752	578,417	646,898	695,850	714,952
Retail trade	136,308	143,154	150,899	158,241	169,053	176,262	627,289	707,892	767,309	829,155	946,264	1,022,101
Finance, insurance, and real estate	33,834	34,355	39,353	51,937	45,582	45,031	382,932	440,434	529,584	637,734	639,103	668,589
Banking and credit agencies	19,602	20,119	20,768	20,907	19,745	20,248	(D)	(D)	(D)	(D)	(D)	197,707*
Other finance, insurance, and real estate[9]	14,232	14,236	18,585	31,030	25,837	24,783	(D)	(D)	(D)	(D)	(D)	(D)
Services	227,135	246,427	264,289	302,298	339,457	369,906	1,501,015	1,773,738	2,025,884	2,326,841	2,652,529	3,006,919
Hotels and other lodging places	3,476	3,503	3,603	3,809	2,723	1,886	44,186*	47,651	53,732	53,921*	58,421*	63,167*
Personal services	12,069	14,227	15,609	17,047	21,025	23,394	60,890	76,762	86,945	96,438	109,793	122,865
Private households	2,437	2,447	2,434	2,435	2,582	2,710	41,728	42,352	42,570	42,884	45,700	48,242
Business services	40,173	45,730	53,723	62,240	74,232	78,951	344,585	459,174	537,169	662,390	765,331	884,169
Auto repair, services, and garages	10,739	12,682	14,047	16,290	17,522	18,877	48,189	57,825	62,998	69,858	68,595	78,451
Miscellaneous repair services	3,475	3,249	3,763	4,097	4,872	5,152	22,558	23,279	24,797	25,743	32,897	35,956
Amusement and recreation services	4,528	5,088	5,476	5,795	6,619	7,197	14,848	17,077	20,666	24,242	26,338	29,506
Motion pictures	754	971	979	234	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	102,132	105,645	107,318	125,596	136,879	150,021	281,520	318,564	360,793	425,034	492,478	564,312
Legal services	12,227	13,187	13,920	17,446	17,147	19,004	74,285	86,292	102,163	112,726	132,790	150,352
Educational services	4,816	5,356	5,511	5,699	6,437	7,619	(D)	(D)	(D)	(D)	(D)	(D)
Social services	7,087	8,097	8,852	11,085	14,236	17,125	33,310	37,591	44,358	52,764	60,958	68,744
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	(D)	(D)	(D)	14,384	15,195	58,409	57,415	57,457	63,230	70,408	74,081
Miscellaneous services	11,836	14,460	16,995	17,700	20,453	22,474	171,246	217,381	266,163	288,946	333,029	375,217
Government and government enterprises	165,810	175,227	185,266	192,538	210,658	219,997	1,480,410	1,670,614	1,843,749	2,008,638	2,169,743	2,355,152
Federal, civilian	11,171	11,648	11,640	12,353	13,274	13,663	213,698	228,464	234,424	254,516	284,145	298,648
Military	5,189	5,804	6,278	6,716	7,010	7,217	26,497	29,224	31,674	33,247	34,573	36,907
State and local	149,450	157,775	167,348	173,469	190,374	199,117	1,240,215	1,412,926	1,577,651	1,720,875	1,851,025	2,019,597

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Rapid City, SD (MSA)						Reading, PA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**873,969**	**905,289**	**971,596**	**1,034,004**	**1,083,353**	**1,170,088**	**4,547,365**	**4,804,423**	**5,074,778**	**5,438,643**	**5,846,839**	**6,339,298**
Nonfarm personal income	857,971	898,274	956,848	1,020,776	1,074,022	1,158,313	4,477,794	4,742,376	5,013,574	5,378,702	5,793,690	6,273,358
Farm income[1]	15,998	7,015	14,748	13,228	9,331	11,775	69,571	62,047	61,204	59,941	53,149	65,940
Population (thousands)[2]	75.5	76.4	78.3	80.8	82.0	83.9	318.1	318.5	321.6	325.2	329.1	332.5
Per capita personal income (dollars)	**11,579**	**11,855**	**12,411**	**12,804**	**13,208**	**13,944**	**14,295**	**15,083**	**15,780**	**16,722**	**17,766**	**19,068**
Derivation of total personal income:												
Total earnings by place of work	723,433	741,712	798,841	859,115	895,115	954,931	3,188,141	3,301,833	3,476,299	3,776,728	4,085,685	4,418,055
Less: Personal contributions for social insurance[3]	45,020	49,122	53,227	56,075	61,453	68,105	200,362	218,007	232,994	252,526	285,434	319,206
Plus: Adjustment for residence	−65,338	−68,959	−75,197	−85,237	−85,137	−92,778	196,114	224,284	240,527	271,856	289,302	281,810
Equals: Net earnings by place of residence	613,075	623,631	670,417	717,803	748,525	794,048	3,183,893	3,308,110	3,483,832	3,796,058	4,089,553	4,380,659
Plus: Dividends, interest, and rent[5]	138,801	148,793	158,390	164,822	172,615	200,061	714,661	784,765	825,484	852,926	940,406	1,084,860
Plus: Transfer payments	122,093	132,865	142,789	151,379	162,213	175,979	648,811	711,548	765,462	789,659	816,880	873,779
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	580,319	605,031	642,003	688,234	714,064	758,250	2,571,050	2,680,750	2,816,336	3,051,515	3,311,767	3,578,876
Other labor income	43,024	42,856	46,108	48,117	50,332	54,824	308,229	307,747	324,939	347,087	374,660	405,156
Proprietors' income[6]	100,090	93,825	110,730	122,764	130,719	141,857	308,862	313,336	335,024	378,126	399,258	434,023
Farm	14,763	5,851	13,658	12,153	8,318	10,834	50,801	43,177	42,369	39,871	32,798	45,034
Nonfarm	85,327	87,974	97,072	110,611	122,401	131,023	258,061	270,159	292,655	338,255	366,460	388,989
Earnings by industry:												
Farm	15,998	7,015	14,748	13,228	9,331	11,775	69,571	62,047	61,204	59,941	53,149	65,940
Nonfarm	707,435	734,697	784,093	845,887	885,784	943,156	3,118,570	3,239,786	3,415,095	3,716,787	4,032,536	4,352,115
Private	492,205	506,604	542,490	573,810	604,165	643,819	2,829,437	2,934,008	3,091,241	3,368,430	3,656,172	3,943,386
Agricultural services, forestry, fisheries, and other[7]	2,609	2,021	1,728	2,569	2,576	2,768	12,578	12,969	12,309	19,242	21,157	22,690
Agricultural services	1,815	1,703	1,564	2,464	2,509	2,700	12,158	12,021	11,032	18,201	19,804	21,549
Forestry, fisheries, and other[7]	794	318	164	105	67	68	420	948	1,277	1,041	1,353	1,141
Mining	9,263	9,286	9,771	9,206	10,232	7,837	11,243	14,989	9,211	9,425	12,248	13,991
Coal mining	645	628	886	(D)	(D)	552	131	126	140	76	92	97
Oil and gas extraction	(D)	(D)	(D)	(D)	1,275	1,538	5,809	9,041	2,945	3,008	4,612	4,952
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	6,602	6,750	8,051	7,857	8,087	(D)	5,303	5,822	6,126	6,341	7,544	8,942
Construction	54,096	59,242	71,185	66,381	63,740	65,928	160,508	178,054	199,644	220,994	261,762	283,632
Manufacturing	61,717	60,771	61,975	68,388	71,128	80,260	1,322,464	1,311,886	1,314,576	1,379,680	1,446,567	1,516,452
Nondurable goods	14,892	15,806	16,127	17,362	17,736	18,098	396,986	395,434	412,411	440,980	458,603	479,968
Food and kindred products	8,961	9,329	9,521	9,839	9,638	9,807	96,308	101,540	108,713	115,176	116,411	128,873
Textile mill products	0	0	0	(D)	(D)	0	76,285	58,214	57,166	71,465	74,213	66,599
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	264	56,275	62,092	59,802	55,247	54,321	66,572
Paper and allied products	0	0	(D)	(D)	(D)	(D)	42,046	40,400	40,628	43,357	44,473	46,237
Printing and publishing	5,458	5,973	5,996	6,545	6,977	6,979	25,780	28,793	30,769	33,631	37,224	41,365
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	538	36,865	36,602	36,155	38,424	42,673	50,916
Petroleum and coal products	0	0	0	0	0	(D)	6,471	7,588	12,338	11,353	11,441	185
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	40,177	42,488	49,688	53,847	57,101	52,355
Leather and leather products	0	0	0	0	0	0	16,779	17,717	17,152	18,480	20,746	26,866
Durable goods	46,825	44,965	45,848	51,026	53,392	62,162	925,478	916,452	902,165	938,700	987,964	1,036,484
Lumber and wood products	5,381	7,437	9,517	12,779	13,170	15,724	22,988	25,063	30,193	36,980	39,184	38,631
Furniture and fixtures	143	(D)	(D)	1,080	1,452	1,737	(D)	10,525	(D)	7,343	(D)	(D)
Primary metal industries	(L)	(D)	(D)	(D)	(D)	(D)	269,737	265,081	245,861	247,646	254,043	275,480
Fabricated metal products	2,971	3,347	3,642	3,351	3,854	4,042	61,113	62,703	68,977	74,320	77,814	83,397
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	326	75,365	72,423	81,373	80,726	89,426	95,628
Electric and electronic equipment	(D)	(D)	997	917	648	(D)	283,049	281,211	273,887	280,132	286,379	300,202
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	114	(D)	(L)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	137,595	137,154	133,573	149,270	173,466	172,881
Stone, clay, and glass products	3,205	3,097	3,051	2,642	3,167	6,536	16,635	17,122	18,793	21,358	22,657	24,464
Instruments and related products	(D)	(D)	(D)	(D)	(D)	408	27,371	27,673	22,139	22,313	25,083	25,866
Miscellaneous manufacturing industries	8,608	10,121	10,018	11,048	13,388	17,373	20,759	17,383	19,129	18,566	12,451	7,798
Transportation and public utilities	51,756	53,882	53,319	53,854	55,653	58,407	187,289	198,150	216,346	230,810	249,632	261,684
Railroad transportation	2,345	2,302	2,519	2,565	2,672	2,852	12,268	9,372	10,625	11,922	11,551	11,032
Trucking and warehousing	19,559	20,451	19,602	19,746	20,598	21,316	44,342	44,546	49,144	52,498	56,693	56,907
Water transportation	(L)	(L)	(L)	(D)	(D)	(L)	(D)	(D)	(L)	(L)	0	(L)
Other transportation[8]	5,265	4,910	5,290	(D)	(D)	6,152	(D)	(D)	26,393	31,463	34,525	38,961
Communication	13,743	14,047	13,232	12,894	12,261	12,835	34,551	34,288	37,361	38,947	46,547	48,768
Electric, gas, and sanitary services	10,848	12,176	12,681	13,200	14,548	15,255	75,346	86,652	92,830	95,984	100,316	106,017
Wholesale trade	42,954	43,390	44,462	46,305	52,269	55,909	145,876	154,209	171,422	197,377	220,679	255,829
Retail trade	92,021	93,310	97,439	102,395	106,038	112,199	275,197	296,204	326,679	352,048	388,436	419,372
Finance, insurance, and real estate	30,876	32,560	35,859	41,203	38,370	37,543	145,102	146,251	158,347	211,006	222,569	243,997
Banking and credit agencies	(D)	(D)	(D)	15,274	14,630	14,137	63,883	61,292	67,712	84,649	93,643	112,083
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	25,929	23,740	23,406	81,219	84,959	90,635	126,357	128,926	131,914
Services	146,913	152,142	166,752	183,509	204,159	222,968	569,180	621,296	682,707	747,848	833,122	925,739
Hotels and other lodging places	8,715	9,080	8,973	10,071	10,516	11,697	6,976	7,779	8,504	10,018	10,535	11,172
Personal services	8,007	8,662	9,968	11,796	13,194	14,493	26,287	32,137	35,424	40,221	47,954	55,763
Private households	(D)	(D)	(D)	(D)	(D)	2,216	6,366	6,358	6,330	6,321	6,684	6,999
Business services	19,003	17,790	20,611	22,124	24,510	27,676	58,804	70,085	82,943	98,331	111,048	127,004
Auto repair, services, and garages	8,928	9,834	10,488	10,507	10,622	11,094	39,009	49,623	60,756	67,421	70,758	78,030
Miscellaneous repair services	4,325	3,573	3,721	4,070	5,177	5,942	12,089	12,024	12,945	12,331	14,258	15,774
Amusement and recreation services	3,628	3,698	4,096	4,913	4,944	5,334	11,099	11,702	13,396	13,574	14,603	15,935
Motion pictures	(D)	(D)	(D)	(D)	(D)	635	1,818	1,929	1,676	1,662	1,795	2,311
Health services	56,556	59,515	63,018	69,896	81,944	89,886	209,646	227,806	243,521	272,976	300,039	327,214
Legal services	9,694	10,619	12,616	13,217	14,774	15,663	23,085	25,938	28,056	32,922	40,195	44,529
Educational services	4,683	5,177	5,488	6,430	5,871	6,107	13,925	15,139	16,095	17,941	19,789	21,874
Social services	3,127	3,370	3,911	4,349	4,218	4,394	21,046	23,746	27,030	29,685	34,011	40,498
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	5,246	5,530	5,712	6,398	7,417	8,176	25,515	25,695	27,745	29,700	32,862	35,208
Miscellaneous services	12,582	12,913	15,833	17,508	18,592	19,655	113,515	111,335	118,286	114,745	128,591	143,428
Government and government enterprises	215,230	228,093	241,603	272,077	281,619	299,337	289,133	305,778	323,854	348,357	376,364	408,729
Federal, civilian	37,139	40,221	41,841	44,886	48,646	52,406	31,429	32,639	34,754	37,205	41,605	44,430
Military	115,325	119,736	126,070	148,342	149,920	158,808	8,019	8,952	9,640	9,866	10,357	10,732
State and local	62,766	68,136	73,692	78,849	83,053	88,123	249,685	264,187	279,460	301,286	324,402	353,567

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Redding, CA (MSA)						Reno, NV (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,470,279**	**1,572,559**	**1,690,476**	**1,855,117**	**2,030,056**	**2,229,025**	**3,386,140**	**3,656,233**	**3,914,152**	**4,257,713**	**4,741,799**	**5,225,495**
Nonfarm personal income	1,449,882	1,552,434	1,668,811	1,833,705	2,011,003	2,212,240	3,382,342	3,652,676	3,910,530	4,252,927	4,736,927	5,219,718
Farm income[1]	20,397	20,125	21,665	21,412	19,053	16,785	3,798	3,557	3,622	4,786	4,872	5,777
Population (thousands)[2]	126.9	130.5	132.4	135.7	139.7	143.2	213.8	219.8	226.3	233.1	239.7	249.8
Per capita personal income (dollars)	**11,586**	**12,049**	**12,764**	**13,670**	**14,527**	**15,567**	**15,837**	**16,633**	**17,298**	**18,268**	**19,779**	**20,920**
Derivation of total personal income:												
Total earnings by place of work	948,530	997,144	1,075,797	1,221,804	1,348,645	1,467,104	2,535,718	2,713,939	2,919,597	3,205,864	3,501,298	3,743,992
Less: Personal contributions for social insurance[3]	54,531	61,014	67,021	76,329	87,953	100,415	110,824	124,348	142,618	151,538	170,690	188,808
Plus: Adjustment for residence	−4,446	−3,283	−5,200	−7,675	−11,082	−14,448	−74,250	−82,701	−82,411	−96,214	−55,994	−46,339
Equals: Net earnings by place of residence	889,553	932,847	1,003,576	1,137,800	1,249,610	1,352,241	2,350,644	2,506,890	2,694,568	2,958,112	3,274,614	3,508,845
Plus: Dividends, interest, and rent[5]	263,299	288,945	305,476	308,703	344,456	401,821	644,449	718,511	754,000	802,940	928,378	1,127,426
Plus: Transfer payments	317,427	350,767	381,424	408,614	435,990	474,963	391,047	430,832	465,584	496,661	538,807	589,224
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	674,916	720,774	782,263	884,401	975,994	1,067,796	2,175,302	2,333,674	2,505,856	2,728,606	2,975,672	3,169,457
Other labor income	68,692	68,702	75,333	85,090	96,297	107,061	169,496	171,777	188,360	199,125	217,272	234,444
Proprietors' income[6]	204,922	207,668	218,201	252,313	276,354	292,247	190,920	208,488	225,381	278,133	308,354	340,091
Farm	14,728	14,137	16,263	15,180	12,948	9,806	2,790	2,570	2,648	3,765	3,852	4,751
Nonfarm	190,194	193,531	201,938	237,133	263,406	282,441	188,130	205,918	222,733	274,368	304,502	335,340
Earnings by industry:												
Farm	20,397	20,125	21,665	21,412	19,053	16,785	3,798	3,557	3,622	4,786	4,872	5,777
Nonfarm	928,133	977,019	1,054,132	1,200,392	1,329,592	1,450,319	2,531,920	2,710,382	2,915,975	3,201,078	3,496,426	3,738,215
Private	754,996	787,510	849,774	976,340	1,089,663	1,194,473	2,173,469	2,330,309	2,549,761	2,809,071	3,059,751	3,261,394
Agricultural services, forestry, fisheries, and other[7]	5,648	7,844	8,942	10,759	8,248	10,122	14,265	13,636	14,364	17,124	19,404	21,503
Agricultural services	3,442	3,412	4,088	6,291	7,100	8,665	(D)	(D)	10,477	13,874	(D)	(D)
Forestry, fisheries, and other[7]	2,206	4,432	4,854	4,468	1,148	1,457	(D)	(D)	3,887	3,250	(D)	(D)
Mining	3,234	5,988	5,703	5,460	6,960	8,665	29,138	33,812	31,097	39,994	61,282	72,415
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	(D)	0
Oil and gas extraction	1,340	(D)	(D)	(D)	1,284	1,618	9,027	10,929	4,600	4,185	7,180	7,701
Metal mining	(D)	95	160	(D)	214	(D)	15,115	16,294	20,740	29,295	47,918	58,230
Nonmetallic minerals, except fuels	(D)	(D)	(D)	4,367	5,453	(D)	4,996	(D)	(D)	(D)	(D)	6,484
Construction	109,968	105,510	117,548	137,702	150,842	175,741	192,790	205,466	235,343	241,544	267,517	280,833
Manufacturing	140,567	132,182	128,061	146,887	173,381	176,602	205,022	211,258	206,688	229,581	244,053	247,240
Nondurable goods	39,194	42,219	42,616	50,733	56,420	62,217	55,839	60,734	64,572	75,911	82,205	83,115
Food and kindred products	4,189	4,661	(D)	5,630	5,880	5,557	17,725	17,782	17,292	16,090	15,884	14,474
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,117	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	944	(D)	1,766	1,426	3,774	4,399
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	5,076	5,151	5,237	5,471	5,798	6,744	26,609	30,242	33,404	42,207	43,380	44,190
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	930	930	1,991	2,729	2,956	2,893
Petroleum and coal products	(D)	(D)	0	842	1,116	1,010	0	(D)	(D)	(D)	304	460
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	900	963	1,181	1,471	1,808	(D)	7,461	7,910	8,506	11,513	14,000	15,146
Leather and leather products	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Durable goods	101,373	89,963	85,445	96,154	116,961	114,385	149,183	150,524	142,116	153,670	161,848	164,125
Lumber and wood products	76,527	62,104	60,130	71,601	88,511	85,206	3,785	4,964	4,934	5,272	6,395	4,595
Furniture and fixtures	(D)	573	457	381	309	(D)	1,283	1,741	3,344	5,520	6,148	9,991
Primary metal industries	(L)	0	0	0	(D)	1,075	4,619	4,318	(D)	6,793	7,180	(D)
Fabricated metal products	2,507	2,773	2,634	2,345	3,641	4,562	20,798	20,547	23,142	23,041	25,134	28,120
Machinery, except electrical	3,348	3,427	3,398	4,161	5,061	5,684	25,476	28,498	26,514	29,122	35,207	27,339
Electric and electronic equipment	7,079	7,830	4,443	3,097	3,255	3,667	21,055	21,703	21,294	20,398	5,915	4,950
Transportation equip. excl. motor vehicles	3,627	3,433	2,336	1,875	2,675	2,409	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	168	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,885
Stone, clay, and glass products	5,241	6,437	6,837	7,310	6,746	7,298	11,412	11,663	12,732	13,307	14,581	13,153
Instruments and related products	(D)	(D)	(D)	(D)	5,683	3,887	10,735	10,578	12,097	13,574	15,368	18,240
Miscellaneous manufacturing industries	(L)	74	88	99	195	359	24,788	28,144	28,788	32,791	41,836	43,991
Transportation and public utilities	90,266	91,249	96,656	104,865	117,673	125,123	233,188	240,034	262,949	284,038	306,361	326,286
Railroad transportation	4,217	3,491	3,087	2,688	2,192	(D)	16,577	15,615	13,648	11,766	11,344	11,099
Trucking and warehousing	38,783	40,151	43,185	49,315	57,445	62,720	48,308	50,454	55,284	61,574	67,014	72,406
Water transportation	(D)	(D)	(D)	(D)	3,042	(D)	(D)	(D)	−118	−55	(L)	(L)
Other transportation[8]	5,956	5,967	6,677	7,050	7,040	7,365	(D)	(D)	(D)	(D)	(D)	(D)
Communication	25,195	24,006	24,349	23,264	24,173	25,056	76,123	70,722	74,729	78,356	80,042	85,484
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	23,781	25,500	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	47,046	48,643	54,317	62,607	70,250	80,085	143,078	154,655	179,479	203,515	225,554	252,870
Retail trade	120,543	128,428	134,496	147,063	163,425	176,396	295,642	327,588	338,117	360,742	389,134	413,940
Finance, insurance, and real estate	30,305	35,458	42,603	51,609	41,201	44,534	142,434	145,315	166,348	201,859	190,204	194,015
Banking and credit agencies	(D)	17,188	21,158	25,706	17,812	19,028	59,562	61,075	69,012	73,143	74,917	70,561
Other finance, insurance, and real estate[9]	(D)	18,270	21,445	25,903	23,389	25,506	82,872	84,240	97,336	128,716	115,287	123,454
Services	207,419	232,208	261,448	309,388	357,683	397,205	917,912	998,545	1,115,376	1,230,674	1,356,242	1,452,292
Hotels and other lodging places	7,348	7,652	8,484	11,812	12,574	12,218	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	8,972	11,637	12,680	13,532	16,039	18,201	32,883	37,843	35,383	36,275	41,691	49,269
Private households	3,637	3,716	3,781	3,852	4,149	4,439	3,743	3,844	3,928	4,070	4,492	4,932
Business services	22,992	28,692	31,109	39,350	48,545	48,986	99,842	107,931	125,281	151,077	171,681	195,547
Auto repair, services, and garages	18,098	22,020	23,301	23,239	24,153	26,874	31,674	34,775	38,571	42,243	44,779	50,455
Miscellaneous repair services	8,287	7,562	8,748	9,173	10,195	11,124	12,683	12,080	13,586	12,981	14,777	16,301
Amusement and recreation services	3,935	4,218	4,690	5,881	5,472	5,722	227,052	163,823	164,796	171,750	152,911	147,481
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,281	1,307	1,637	2,551	4,261	2,848
Health services	83,663	89,142	98,934	125,815	149,146	171,349	167,700	187,988	252,761	282,339	314,591	347,568
Legal services	11,564	12,918	14,027	15,760	17,839	18,368	40,415	47,695	53,881	63,049	66,329	71,375
Educational services	2,643	2,697	2,720	3,050	3,210	3,502	5,653	7,467	8,120	8,708	8,349	8,987
Social services	4,199	5,520	9,648	11,200	13,047	15,461	11,611	12,863	13,171	15,243	15,694	17,832
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,308	11,276	11,697	12,107	13,788	14,658	23,433	24,274	26,269	29,151	34,335	37,990
Miscellaneous services	21,378	24,756	31,234	34,224	39,029	45,873	44,827	47,437	54,809	59,823	67,731	76,469
Government and government enterprises	173,137	189,509	204,358	224,052	239,929	255,846	358,451	380,073	366,214	392,007	436,675	476,821
Federal, civilian	29,061	30,800	30,930	34,124	38,405	39,940	80,668	84,184	84,221	90,288	98,106	104,034
Military	2,061	2,424	2,615	2,693	2,822	2,886	3,831	4,327	4,895	5,343	5,482	5,328
State and local	142,015	156,285	170,813	187,235	198,702	213,020	273,952	291,562	277,098	296,376	333,087	367,459

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Richland—Kennewick—Pasco, WA (MSA)						Richmond—Petersburg, VA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,827,986**	**1,882,574**	**1,979,756**	**2,046,720**	**2,130,947**	**2,271,441**	**11,348,741**	**12,163,516**	**13,148,471**	**14,473,476**	**15,792,938**	**17,255,170**
Nonfarm personal income	1,721,231	1,797,561	1,870,541	1,948,373	2,015,060	2,155,324	11,318,804	12,146,334	13,129,202	14,448,238	15,758,592	17,220,284
Farm income[1]	106,755	85,013	109,215	98,347	115,887	116,117	29,937	17,182	19,269	25,238	34,346	34,886
Population (thousands)[2]	148.3	147.8	146.1	147.0	146.4	146.6	792.1	800.6	812.9	828.3	844.3	855.8
Per capita personal income (dollars)	**12,330**	**12,738**	**13,551**	**13,920**	**14,559**	**15,489**	**14,327**	**15,194**	**16,175**	**17,474**	**18,706**	**20,164**
Derivation of total personal income:												
Total earnings by place of work	1,490,915	1,530,791	1,603,035	1,659,787	1,706,597	1,783,906	8,688,813	9,366,524	10,169,419	11,305,405	12,322,024	13,236,911
Less: Personal contributions for social insurance[3]	81,810	88,002	93,471	99,338	103,479	112,013	454,766	508,194	562,027	604,275	683,311	755,303
Plus: Adjustment for residence	−72,476	−79,781	−76,336	−82,995	−84,376	−86,074	−234,210	−276,789	−310,886	−336,289	−355,805	−335,725
Equals: Net earnings by place of residence	1,336,629	1,363,008	1,433,228	1,477,454	1,518,742	1,585,819	7,999,837	8,581,541	9,296,506	10,364,841	11,282,908	12,145,883
Plus: Dividends, interest, and rent[5]	244,754	255,437	268,090	274,049	294,564	344,533	1,942,810	2,097,382	2,233,167	2,383,197	2,672,251	3,095,945
Plus: Transfer payments	246,603	264,129	278,438	295,217	317,641	341,089	1,406,094	1,484,593	1,618,798	1,725,438	1,837,779	2,013,342
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,197,323	1,252,035	1,291,222	1,347,294	1,357,237	1,417,784	7,334,821	7,939,862	8,608,802	9,561,737	10,418,970	11,185,778
Other labor income	106,282	107,510	109,634	111,417	115,372	120,989	768,115	787,362	850,266	909,601	980,642	1,066,002
Proprietors' income[6]	187,310	171,246	202,179	201,076	233,988	245,133	585,877	639,300	710,351	834,067	922,412	985,131
Farm	74,168	52,507	76,860	64,146	81,412	80,920	23,519	10,897	13,153	18,908	28,081	28,667
Nonfarm	113,142	118,739	125,319	136,930	152,576	164,213	562,358	628,403	697,198	815,159	894,331	956,464
Earnings by industry:												
Farm	106,755	85,013	109,215	98,347	115,887	116,117	29,937	17,182	19,269	25,238	34,346	34,886
Nonfarm	1,384,160	1,445,778	1,493,820	1,561,440	1,590,710	1,667,789	8,658,876	9,349,342	10,150,150	11,280,167	12,287,678	13,202,025
Private	1,168,348	1,210,866	1,247,523	1,302,031	1,315,560	1,374,003	6,894,002	7,488,956	8,161,691	9,111,488	9,948,053	10,653,535
Agricultural services, forestry, fisheries, and other[7]	11,609	12,015	12,410	15,860	17,116	(D)	21,500*	25,375	28,917	33,748*	(D)	38,347*
Agricultural services	11,515	11,790	12,100	15,615	16,813	20,016	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	94	225	310	245	303	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	1,742	2,025	1,267	1,048	1,403	(D)	(D)	48,453*	31,342*	(D)	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	11,184*	9,826*	11,803	6,467	8,014	8,621
Oil and gas extraction	(D)	(D)	(D)	784	(D)	1,117	18,041*	26,221*	7,658*	9,919*	(D)	(D)
Metal mining	0	0	0	0	0	(D)	(L)	(L)	(D)	(D)	(D)	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	263	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	134,620	129,866	123,973	118,534	126,659	121,575	562,573	662,061	780,901	890,322	997,245	1,048,942
Manufacturing	352,513	396,011	403,849	422,778	501,178	507,112	1,857,974	1,938,696	1,990,439	2,112,390	2,260,216	2,402,534
Nondurable goods	328,136	369,953	374,937	393,134	468,587	471,116	1,379,052*	1,416,702*	1,467,578*	1,541,649*	1,623,923*	1,745,378*
Food and kindred products	(D)	(D)	(D)	(D)	61,610	72,746	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	205*	26,049*	(D)	(D)	29,822*	28,435*	28,549*
Paper and allied products	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	5,793	5,854	5,786*	6,354	135,333*	147,802*	174,462*	188,106*	213,301*	211,664*
Chemicals and allied products	277,968	314,390	328,103*	335,672*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	255	1,186	1,457	1,879	6,102	6,399
Tobacco manufactures	0	0	0	0	0	0	534,503	537,273	521,598	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	72,461*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	24,377	26,058	28,912	29,644	32,591	35,996	473,120*	517,694*	518,402*	565,208*	628,179*	644,643*
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	50,399	56,890	58,323*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	2,140	(D)	(D)	(D)	1,988	2,115	41,490*	(D)	42,540*	37,920*	40,546*	(D)
Machinery, except electrical	2,258*	2,427	2,164*	2,617	2,807*	3,340*	(D)	70,595*	68,670*	75,640*	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	2,703*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	0	(D)	12,059*	14,585*	15,364*	17,029*	(D)
Stone, clay, and glass products	5,066*	4,951	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38,232*	(D)
Instruments and related products	3,433	(D)	(D)	3,198	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	132	189	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	65,437	65,269	65,293	64,880	66,820	74,796	628,941*	664,838*	711,704	768,667	846,371	898,930
Railroad transportation	20,426	19,113	18,222	17,920	18,670	19,884	45,393*	37,545*	33,375*	28,680*	32,604*	33,609*
Trucking and warehousing	15,910	15,833	15,976	16,216	16,598	16,980	161,879	168,024	181,238	201,595	(D)	255,487
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	18,327	17,891	17,676	17,290	13,643	13,525	(D)	173,055*	188,300*	208,814*	227,468*	239,884*
Electric, gas, and sanitary services	6,551	7,736	8,522	7,126	8,156	9,160	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	43,884	42,230	46,936	47,356	43,186	45,795	734,703	714,690	774,821	860,103	906,139	960,068*
Retail trade	114,937	118,668	121,581	123,305	131,529	145,170	870,724	959,174	1,041,968	1,118,293	1,215,817	1,297,939
Finance, insurance, and real estate	29,414	27,240	28,178	35,202	31,880	32,428	687,911*	796,260*	923,989*	1,137,683*	1,191,286*	1,227,658*
Banking and credit agencies	12,168	13,573	13,968	13,881	12,988	13,400	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	17,246	13,667	14,210	21,321	18,892	19,028	(D)	(D)	(D)	(D)	(D)	(D)
Services	414,192	417,542	444,036	473,068	395,789	423,210	1,487,858	1,678,489	1,877,524	2,159,360	2,445,210	2,726,850
Hotels and other lodging places	(D)	6,425	3,348	4,004	4,389	3,814	(D)	(D)	(D)	(D)	58,663*	(D)
Personal services	11,955	12,878	15,672	16,515	16,072	18,273	85,129	102,766	115,805	121,876	143,719*	159,172*
Private households	1,769	1,795	1,806	1,830	1,970	2,104	46,311	46,924	47,280	47,970	51,345	54,350
Business services	229,787	237,566	251,735	269,282	184,669	190,506	289,254	345,483	398,394	484,656	533,803	608,096
Auto repair, services, and garages	11,780	12,805	13,012	13,330	13,179	14,451	60,255	70,664	76,490	87,385	92,786	101,749
Miscellaneous repair services	9,521	9,709	(D)	(D)	(D)	(D)	31,860*	30,403*	36,022*	42,022*	50,224*	50,386*
Amusement and recreation services	(D)	4,315	4,999	5,412	5,850	7,606	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	7,073*	(D)	(D)	(D)	7,022*	8,368*
Health services	59,288	63,072	69,248	76,250	84,251	89,953	477,226	526,434	564,501	650,451	732,750*	818,343*
Legal services	10,389	11,155	12,390	12,024	12,969	14,508	146,709	164,315	187,698	211,612	247,165	284,236
Educational services	2,152	2,332	2,326	2,654	2,928	3,256	(D)	(D)	(D)	(D)	(D)	(D)
Social services	8,300	8,893	9,079	9,655	10,230	10,689	52,566*	57,702*	65,011*	75,409*	84,312*	96,475*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,734	10,545	11,242	11,851	16,675	17,545	66,135*	69,717*	71,994*	79,691	87,679	93,229
Miscellaneous services	46,821	35,547	37,332	39,913	36,970	45,571	103,349	118,506	149,585	174,384	213,476	238,002
Government and government enterprises	215,812	234,912	246,297	259,409	275,150	293,786	1,764,874	1,860,386	1,988,459	2,168,679	2,339,625	2,548,490
Federal, civilian	32,508	34,296	35,054	36,852	37,499	39,632	419,059	384,392	391,997	433,449	472,208	517,136
Military	5,036	5,412	5,700	5,157	5,021	5,177	143,629	155,679	155,847	173,056	168,878	165,696
State and local	178,268	195,204	205,543	217,400	232,630	248,977	1,202,186	1,320,315	1,440,615	1,562,174	1,698,539	1,865,658

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Riverside—San Bernardino, CA (PMSA)						Roanoke, VA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**23,025,188**	**25,661,468**	**28,723,797**	**32,244,594**	**35,887,357**	**39,344,435**	**2,884,050**	**3,083,942**	**3,261,142**	**3,480,704**	**3,706,135**	**4,011,976**
Nonfarm personal income	22,592,973	25,193,168	28,210,794	31,727,779	35,316,135	38,848,255	2,880,282	3,081,464	3,256,274	3,474,623	3,699,846	4,004,911
Farm income[1]	432,215	468,300	513,003	516,815	571,222	496,180	3,768	2,478	4,868	6,081	6,289	7,065
Population (thousands)[2]	1,815.6	1,900.9	2,002.5	2,131.5	2,277.6	2,422.9	221.9	222.9	220.9	221.4	221.6	220.1
Per capita personal income (dollars)	**12,682**	**13,500**	**14,344**	**15,127**	**15,757**	**16,238**	**12,994**	**13,838**	**14,760**	**15,721**	**16,728**	**18,229**
Derivation of total personal income:												
Total earnings by place of work	11,890,355	13,372,504	14,922,958	16,907,968	18,691,626	20,609,190	2,256,475	2,437,878	2,574,699	2,778,582	2,940,921	3,147,999
Less: Personal contributions for social insurance[3]	695,455	817,018	922,312	1,041,193	1,201,281	1,382,959	128,219	145,233	157,015	164,132	180,120	198,496
Plus: Adjustment for residence	4,362,394	4,847,935	5,786,206	6,897,590	7,972,894	8,387,204	−207,676	−229,769	−237,964	−264,440	−264,444	−292,640
Equals: Net earnings by place of residence	15,557,294	17,403,421	19,786,852	22,764,365	25,463,239	27,613,435	1,920,580	2,062,876	2,179,720	2,350,010	2,496,357	2,656,863
Plus: Dividends, interest, and rent[5]	3,480,718	3,776,636	4,072,671	4,257,866	4,753,042	5,546,040	541,927	574,340	601,085	622,510	697,031	806,249
Plus: Transfer payments	3,987,176	4,481,411	4,864,274	5,222,363	5,671,076	6,184,960	421,543	446,726	480,337	508,184	512,747	548,864
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,214,194	10,438,394	11,588,315	13,048,247	14,400,074	16,041,078	1,902,207	2,057,482	2,161,317	2,317,551	2,440,113	2,599,711
Other labor income	876,019	950,818	1,073,442	1,215,093	1,359,622	1,538,562	182,189	187,777	198,527	206,973	215,799	234,838
Proprietors' income[6]	1,800,142	1,983,292	2,261,201	2,644,628	2,931,930	3,029,550	172,079	192,619	214,855	254,058	285,009	313,450
Farm	314,234	342,515	377,946	378,774	439,327	369,987	2,077	833	3,275	4,440	4,672	5,470
Nonfarm	1,485,908	1,640,777	1,883,255	2,265,854	2,492,603	2,659,563	170,002	191,786	211,580	249,618	280,337	307,980
Earnings by industry:												
Farm	432,215	468,300	513,003	516,815	571,222	496,180	3,768	2,478	4,868	6,081	6,289	7,065
Nonfarm	11,458,140	12,904,204	14,409,955	16,391,153	18,120,404	20,113,010	2,252,707	2,435,400	2,569,831	2,772,501	2,934,632	3,140,934
Private	8,784,106	9,926,623	11,157,632	12,825,492	14,257,741	15,865,445	1,979,012	2,134,288	2,254,184	2,435,844	2,573,959	2,758,131
Agricultural services, forestry, fisheries, and other[7]	160,631	187,173	186,948	235,051	244,968	265,687	5,714	7,083	7,719	9,030	11,132	(D)
Agricultural services	158,826	184,050	183,237	231,116	238,810	262,289	5,655	(D)	(D)	(D)	(D)	11,412
Forestry, fisheries, and other[7]	1,805	3,123	3,711	3,935	6,158	3,398	59	(D)	(D)	(D)	(D)	(D)
Mining	64,558	76,294	59,397	57,177	70,741	71,955	7,101	9,129	5,208	7,352	8,912	(D)
Coal mining	(D)	(D)	328	(D)	189	(D)	(L)	(L)	(L)	(D)	(D)	(D)
Oil and gas extraction	29,453	39,932	20,339	22,213	29,122	31,811	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	836	(D)	1,614	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	31,654	34,733	37,894	33,637	39,816	38,227	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,086,056	1,277,403	1,508,342	1,785,298	2,047,198	2,336,672	139,739	169,443	191,012	216,906	227,145	226,999
Manufacturing	1,561,416	1,747,356	1,945,491	2,241,797	2,406,899	2,585,186	494,623	520,683	508,680	500,332	532,296	571,486
Nondurable goods	380,534	430,105	476,535	550,377	599,458	678,430	178,218	181,279	184,386	180,726	184,227	187,927
Food and kindred products	90,498	95,376	105,374	115,982	125,121	132,088	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	1,300	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	18,618	(D)	21,692	24,164	23,460	29,372	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	44,242	46,557	(D)	(D)	60,632	70,603	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	99,159	116,612	134,703	142,078	151,008	161,992	19,262*	19,913*	20,395*	20,724*	22,826*	23,031*
Chemicals and allied products	60,689	66,198	69,809	76,547	89,361	98,698	(D)	(D)	28,167*	27,502*	27,582*	29,372*
Petroleum and coal products	2,387	3,601	3,774	4,239	4,745	25,559	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	55,630	74,181	79,543	119,818	139,074	154,474	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	4,612*	(D)	0	0	0	0	0	0
Durable goods	1,180,882	1,317,251	1,468,956	1,691,420	1,807,441	1,906,756	316,405	339,404	324,294	319,606	348,069	383,559
Lumber and wood products	133,438	143,266	174,903	184,806	184,526	(D)	9,459*	11,778	13,690	14,934	15,093	16,610*
Furniture and fixtures	33,569	44,057	48,620	54,508	57,231	69,869	(D)	(D)	(D)	31,996	(D)	(D)
Primary metal industries	145,529	139,337	138,600	148,416	164,085	171,607	25,635*	(D)	(D)	(D)	29,968*	(D)
Fabricated metal products	140,145	160,697	172,370	174,762	198,905	219,035	(D)	(D)	(D)	34,376*	38,767*	39,112*
Machinery, except electrical	96,802	112,549	118,211	118,909	133,622	152,346	(D)	(D)	(D)	(D)	(D)	49,696*
Electric and electronic equipment	51,175	65,794	78,038	105,654	118,782	138,545	(D)	(D)	(D)	(D)	(D)	105,150
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	522,924	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	79,902	86,377	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	170,081	182,624	208,156	221,181	236,482	251,314	(D)	(D)	(D)	(D)	28,059	25,254
Instruments and related products	73,363	74,644	73,889	83,972	93,154	94,245	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	14,530	14,754	13,611	14,509	17,828	17,703	3,456*	4,076*	4,351*	4,672*	4,554*	4,603*
Transportation and public utilities	967,972	1,027,984	1,108,556	1,176,944	1,272,766	1,367,804	(D)	308,839	315,057	324,420	312,052	306,737
Railroad transportation	178,746*	173,372*	152,608*	133,969*	145,446	155,104*	152,032	147,599	147,427	(D)	135,758	(D)
Trucking and warehousing	271,486	298,300	355,903	394,155	424,730	467,786	48,560	50,199	50,672	54,354	57,748	61,607
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	271,235	282,630	293,627	303,975	325,016	328,434	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	167,866	185,808	200,895	220,753	237,163	251,307	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	413,207	478,881	517,882	578,610	660,809	846,541	190,682	196,949	221,434	240,451	253,724	261,563
Retail trade	1,479,269	1,622,590	1,801,503	2,004,735	2,258,833	2,468,046	249,901	272,084	296,780	318,597	337,712	348,273
Finance, insurance, and real estate	440,798	489,146	585,785	774,787	797,488	877,631	(D)	154,153	165,373	198,682	198,157	229,155
Banking and credit agencies	216,388	227,549	266,638	298,437	317,287	335,777	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	224,410	261,597	319,147	476,350	480,201	541,854	99,325	(D)	(D)	(D)	(D)	(D)
Services	2,610,199	3,019,796	3,443,728	3,971,093	4,498,039	5,045,923	449,282	495,925	542,921	620,074	692,829	788,468
Hotels and other lodging places	100,584	129,759	146,299	178,724	229,744	278,337	(D)	(D)	(D)	21,559*	(D)	26,059
Personal services	118,022	142,772	154,015	171,988	197,374	227,883	24,981	26,999*	27,369*	30,065*	34,420	42,572
Private households	(D)	54,584	55,539	56,552	60,999	65,288	7,602	7,686	7,748	7,861	8,409	8,899
Business services	460,457	568,680	670,541	752,919	863,293	974,428	49,588	56,956	66,800	81,843	96,349	118,290
Auto repair, services, and garages	160,193	189,894	211,410	235,925	247,778	276,703	20,958	22,397	25,435	28,859	31,144	31,529
Miscellaneous repair services	74,419	79,477	92,125	92,148	108,485	116,436	7,113	6,748	7,564	8,733	10,153	10,943
Amusement and recreation services	81,642	97,014	113,752	129,373	154,197	162,174	7,645	8,090	8,884	9,098	10,497	11,550
Motion pictures	7,987	8,638	7,517	7,590	(D)	11,390	681	736	(D)	(D)	1,176	(D)
Health services	971,284	1,101,787	1,229,634	1,447,738	1,608,320	1,776,780	200,996	221,098	235,763	273,122	301,907	337,789
Legal services	92,607	106,118	120,463	141,401	159,467	182,215	28,264	30,145	35,758	38,868	43,907	50,183
Educational services	78,526	87,283	96,743	108,850	113,881	123,776	(D)	(D)	(D)	(D)	(D)	27,471
Social services	54,810	64,645	77,464	95,085	103,573	116,009	12,083	12,851	14,192	15,434	17,206	19,232
Museums, botanical, zoological gardens	(D)	1,320	1,509	1,600	1,569*	1,786	624	586	(D)	(D)	900	(D)
Membership organizations	128,673	140,420	155,033	173,576	201,831	214,762	15,750	15,460	15,474	16,242	17,497	18,148
Miscellaneous services	226,390	247,405	311,684	377,624	438,028	517,956	32,130	38,351	49,367	58,860	69,293	83,843
Government and government enterprises	2,674,034	2,977,581	3,252,323	3,565,661	3,862,663	4,247,565	273,695	301,112	315,647	336,657	360,673	382,803
Federal, civilian	431,701	465,540	479,176	500,562	535,261	573,621	89,099	94,241	92,961	99,590	107,254	111,724
Military	524,823	571,721	585,153	616,780	633,626	639,723	9,914	11,032	12,052	9,015	9,161	9,217
State and local	1,717,510	1,940,320	2,187,994	2,448,319	2,693,776	3,034,221	174,682	195,839	210,634	228,052	244,258	261,862

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Rochester, MN (MSA)						Rochester, NY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,455,847**	**1,544,886**	**1,630,829**	**1,722,059**	**1,831,163**	**1,995,898**	**13,965,298**	**14,942,824**	**15,753,391**	**16,440,492**	**17,973,765**	**19,478,976**
Nonfarm personal income	1,433,806	1,527,637	1,598,760	1,687,212	1,807,451	1,969,855	13,899,779	14,872,928	15,674,416	16,348,091	17,875,168	19,370,255
Farm income[1]	22,041	17,249	32,069	34,847	23,712	26,043	65,519	69,896	78,975	92,401	98,597	108,721
Population (thousands)[2]	96.1	97.4	97.7	98.7	101.0	102.3	976.7	975.5	976.0	974.1	980.1	980.9
Per capita personal income (dollars)	**15,150**	**15,858**	**16,694**	**17,447**	**18,137**	**19,517**	**14,298**	**15,318**	**16,141**	**16,877**	**18,338**	**19,858**
Derivation of total personal income:												
Total earnings by place of work	1,312,717	1,390,672	1,470,252	1,556,015	1,676,612	1,816,051	10,450,854	11,370,972	12,011,067	12,556,459	13,697,829	14,656,970
Less: Personal contributions for social insurance[3]	88,726	99,025	103,374	108,745	122,345	136,665	689,110	790,667	869,809	895,591	1,012,625	1,113,417
Plus: Adjustment for residence	−124,906	−132,634	−137,999	−144,068	−156,289	−170,473	−186,820	−209,826	−230,566	−237,993	−264,587	−288,754
Equals: Net earnings by place of residence	1,099,085	1,159,013	1,228,879	1,303,202	1,397,978	1,508,913	9,574,924	10,370,479	10,910,692	11,422,875	12,420,617	13,254,799
Plus: Dividends, interest, and rent[5]	217,870	230,924	238,918	241,707	251,957	287,862	2,430,601	2,516,311	2,633,140	2,697,818	3,061,326	3,501,584
Plus: Transfer payments	138,892	154,949	163,032	177,150	181,228	199,123	1,959,773	2,056,034	2,209,559	2,319,799	2,491,822	2,722,593
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,103,875	1,172,877	1,228,138	1,306,469	1,418,438	1,537,171	8,768,617	9,552,983	10,079,963	10,445,254	11,391,294	12,165,662
Other labor income	115,891	119,551	125,712	124,856	131,452	142,897	886,917	914,715	951,786	945,695	1,014,903	1,118,227
Proprietors' income[6]	92,951	98,244	116,402	124,690	126,722	135,983	795,320	903,274	979,318	1,165,510	1,291,632	1,373,081
Farm	17,672	12,845	27,682	30,259	19,116	21,361	28,498	32,753	41,991	53,419	59,393	68,638
Nonfarm	75,279	85,399	88,720	94,431	107,606	114,622	766,822	870,521	937,327	1,112,091	1,232,239	1,304,443
Earnings by industry:												
Farm	22,041	17,249	32,069	34,847	23,712	26,043	65,519	69,896	78,975	92,401	98,597	108,721
Nonfarm	1,290,676	1,373,423	1,438,183	1,521,168	1,652,900	1,790,008	10,385,335	11,301,076	11,932,092	12,464,058	13,599,232	14,548,249
Private	1,183,331	1,252,495	1,305,695	1,379,950	1,501,132	1,625,708	9,223,019	10,051,293	10,590,571	11,011,515	12,009,323	12,810,181
Agricultural services, forestry, fisheries, and other[7]	5,368	7,445	7,718	9,070	9,333	9,524	24,699*	34,658	38,439	47,711	49,411	52,538
Agricultural services	5,289	7,381	7,683	9,037	9,298	9,491	24,236*	33,828	37,563	47,013	48,541	51,697
Forestry, fisheries, and other[7]	79	64	(L)	(L)	(L)	(L)	496	830	876	698	870	841
Mining	4,911	5,634	4,274	4,700	3,261	3,123	(D)	(D)	(D)	(D)	(D)	(D)
Coal mining	0	0	0	0	0	0	204	150	159	64	72	74
Oil and gas extraction	1,554	2,209	(D)	823	(D)	(D)	23,275*	32,367*	8,992*	8,768*	16,788	(D)
Metal mining	(L)	(L)	(L)	135	144	160	(L)	(L)	(L)	56	56	62
Nonmetallic minerals, except fuels	3,378	3,436	(D)	3,742	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	65,110	70,684	68,675	73,029	88,354	97,052	469,157	517,580*	581,021*	653,423*	731,792*	738,760*
Manufacturing	383,997	399,251	412,949	417,377	442,235	477,870	4,658,954	4,998,625	5,054,412	4,906,049	5,261,120	5,575,927
Nondurable goods	39,748	41,501	43,063	43,494	45,812	50,094	691,927	720,626	760,905	799,134	832,487	875,868
Food and kindred products	29,046	30,095	30,120	29,584	30,538	31,501	(D)	(D)	(D)	(D)	168,402*	165,797*
Textile mill products	0	0	0	0	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	166,896*
Printing and publishing	10,389	11,151	12,683	13,660	14,929	16,685	211,005	218,719	227,395	223,573	235,390	254,369
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	1,895	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	8,358	8,090	9,675*	3,961*	4,314*	4,562*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	344,249	357,750	369,886	373,883	396,423	427,776	3,967,027	4,277,999	4,293,507	4,106,915	4,428,633	4,700,059
Lumber and wood products	445	423	390	451	441	351	13,945*	(D)	(D)	13,096	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,769	1,946	1,795	1,736	1,890	1,818	(D)	(D)	154,208*	145,434*	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	572,520	594,580	581,835	540,159	590,743	414,349
Electric and electronic equipment	4,913	4,509	4,630	5,167	5,965	5,871	321,149*	335,013*	325,865*	305,067*	323,559*	181,952*
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,118	3,066	3,263	3,678	3,521	3,345	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	5,353	6,392	6,531	2,706,766*	2,996,093*	3,045,076*	2,935,130*	3,145,315*	(D)
Miscellaneous manufacturing industries	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	50,127	48,894	45,060	42,762	49,068	52,121	408,615	431,788	450,756	472,000	511,500	546,202
Railroad transportation	603	568	483	403	423	446	10,560	10,416	8,374	6,381	6,531	6,597
Trucking and warehousing	20,783	19,072	18,871	18,095	19,061	18,373	93,788	93,979	98,914	114,089	126,325	131,859
Water transportation	(L)	(L)	(L)	(L)	0	0	718*	1,015*	1,309*	1,522*	(D)	(D)
Other transportation[8]	8,831	9,367	8,991	10,357	10,656	11,764	(D)	(D)	(D)	(D)	(D)	(D)
Communication	14,583	13,273	12,528	13,433	15,001	16,630	111,521*	126,095*	141,343*	141,430*	150,974*	160,072*
Electric, gas, and sanitary services	5,330	6,616	4,190	475	3,927	4,908	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	30,403	30,544	30,632	32,677	35,741	38,859	430,185	471,797	506,627	559,853	625,174	684,012
Retail trade	104,421	108,149	110,978	118,084	129,838	140,311	812,189	879,975	954,274	1,015,463	1,097,616	1,152,205
Finance, insurance, and real estate	29,451	31,067	34,405	40,970	38,354	41,191	405,380	424,681	480,529	605,920	633,706	662,361
Banking and credit agencies	15,625	15,916	16,285	14,856	14,753	(D)	199,761*	203,823	216,705	236,932	250,308*	261,396*
Other finance, insurance, and real estate[9]	13,826	15,151	18,120	26,114	23,601	(D)	200,920*	220,858	263,824	368,988	337,847*	351,111*
Services	509,543	550,827	591,004	641,281	704,948	765,657	1,971,500	2,220,912	2,472,221	2,694,183	3,030,417	3,327,678
Hotels and other lodging places	19,118	20,479	19,663	19,515	(D)	23,009	23,770*	26,387*	28,323*	31,878	40,981	52,208
Personal services	11,966	17,013	19,493	20,619	23,454	26,361	78,072	95,775	102,594	106,468	122,570	137,520
Private households	4,246	4,280	4,271	4,276	4,566	4,812	20,556	20,596	20,505	20,437	21,560	22,526
Business services	14,235	14,045	15,614	18,284	22,094	30,101	349,988	426,706	476,740	542,614	627,794	664,092
Auto repair, services, and garages	8,501	7,312	8,831	9,092	9,940	10,679	62,402	68,577	76,971	79,394	85,451	91,603
Miscellaneous repair services	2,652	2,155	2,419	2,469	2,945	3,123	25,611	24,749	26,247	26,555	31,815	35,838
Amusement and recreation services	2,612	2,944	3,308	3,836	4,461	4,712	38,317	43,561	48,751	51,354	57,869	62,415
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	3,631	4,379*	(D)	(D)	(D)	9,278*
Health services	407,738	439,460	470,991	513,149	560,827	600,770	623,883	699,524	772,809	859,689	953,135	1,053,987
Legal services	7,738	8,274	9,433	9,838	11,205	11,643	165,799	181,971	203,576	221,024	248,684	268,873
Educational services	3,386	3,315	3,271	3,743	4,259	4,413	264,738*	283,261*	315,520*	318,590*	340,482*	386,308*
Social services	9,860	12,903	13,682	15,863	17,652	20,583	92,463	98,799	100,894	114,552	129,058	144,835
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	5,741*	6,064*	6,506*	6,751*	7,283*	8,098*
Membership organizations	8,452	8,852	8,817	9,260	10,270	10,878	75,490	78,475	81,376	93,162	106,158	114,402
Miscellaneous services	8,496	9,152	10,630	10,802	12,309	13,825	126,599	146,896	187,985	210,995	242,577	269,864
Government and government enterprises	107,345	120,928	132,488	141,218	151,768	164,300	1,162,316	1,249,783	1,341,521	1,452,543	1,589,909	1,738,068
Federal, civilian	12,892	18,904	20,217	22,445	25,871	27,928	133,018	141,083	141,289	151,239	160,268	168,291
Military	2,017	2,120	2,483	2,908	2,974	3,152	13,462	15,162	15,803	16,676	17,592	18,010
State and local	92,436	99,904	109,788	115,865	122,923	133,220	1,015,836	1,093,538	1,184,429	1,284,628	1,412,049	1,551,767

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Rockford, IL (MSA)						Sacramento, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,634,835**	**3,842,186**	**4,072,407**	**4,312,712**	**4,665,819**	**4,958,042**	**16,469,480**	**18,253,258**	**19,883,763**	**21,714,552**	**23,732,656**	**26,230,413**
Nonfarm personal income	3,611,199	3,818,068	4,047,951	4,291,082	4,646,497	4,934,043	16,310,863	18,102,252	19,716,927	21,531,859	23,550,380	26,053,620
Farm income[1]	23,636	24,118	24,456	21,630	19,322	23,999	158,617	151,006	166,836	182,693	182,276	176,793
Population (thousands)[2]	277.9	280.0	280.4	281.0	282.2	283.4	1,222.2	1,256.2	1,289.9	1,337.5	1,385.2	1,433.5
Per capita personal income (dollars)	**13,081**	**13,724**	**14,526**	**15,345**	**16,535**	**17,498**	**13,475**	**14,531**	**15,415**	**16,235**	**17,133**	**18,299**
Derivation of total personal income:												
Total earnings by place of work	2,870,866	3,059,046	3,270,909	3,481,508	3,801,895	3,967,092	11,391,738	12,734,779	14,058,177	15,663,026	17,126,914	18,914,336
Less: Personal contributions for social insurance[3]	172,190	194,111	213,082	222,740	253,256	273,574	657,877	767,796	854,701	946,544	1,068,837	1,214,972
Plus: Adjustment for residence	−146,835	−162,409	−173,735	−175,996	−190,385	−191,898	116,272	111,165	110,314	72,952	79,916	23,889
Equals: Net earnings by place of residence	2,551,841	2,702,526	2,884,092	3,082,772	3,358,254	3,501,620	10,850,133	12,078,148	13,313,790	14,789,434	16,137,993	17,723,253
Plus: Dividends, interest, and rent[5]	624,265	646,651	670,182	677,246	735,327	842,245	2,566,202	2,779,589	2,913,928	3,023,268	3,368,512	3,918,335
Plus: Transfer payments	458,729	493,009	518,133	552,694	572,238	614,177	3,053,145	3,395,521	3,656,045	3,901,850	4,226,151	4,588,825
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,327,550	2,487,419	2,652,884	2,812,875	3,071,208	3,190,121	9,238,597	10,410,906	11,453,167	12,666,678	13,791,944	15,307,705
Other labor income	278,580	284,916	309,752	327,075	359,262	379,106	793,409	851,712	944,037	1,046,371	1,163,369	1,318,544
Proprietors' income[6]	264,736	286,711	308,273	341,558	371,425	397,865	1,359,732	1,472,161	1,660,973	1,949,977	2,171,601	2,288,087
Farm	19,478	19,998	20,383	17,339	15,050	19,677	108,083	99,982	118,226	126,632	127,168	119,237
Nonfarm	245,258	266,713	287,890	324,219	356,375	378,188	1,251,649	1,372,179	1,542,747	1,823,345	2,044,433	2,168,850
Earnings by industry:												
Farm	23,636	24,118	24,456	21,630	19,322	23,999	158,617	151,006	166,836	182,693	182,276	176,793
Nonfarm	2,847,230	3,034,928	3,246,453	3,459,878	3,782,573	3,943,093	11,233,121	12,583,773	13,891,341	15,480,333	16,944,638	18,737,543
Private	2,620,770	2,795,961	2,993,088	3,184,574	3,493,028	3,637,784	7,494,721	8,383,407	9,296,015	10,489,290	11,557,414	12,791,629
Agricultural services, forestry, fisheries, and other[7]	7,127	7,343	7,074	10,964	10,737	11,390	66,636	68,429	73,604	102,838	109,362	124,678
Agricultural services	6,732	7,140	7,014	10,862	10,650	11,313	64,485	65,753	70,845	100,526	106,785	121,868
Forestry, fisheries, and other[7]	395	203	60	102	87	77	2,151	2,676	2,759	2,312	2,577	2,810
Mining	7,141	9,513	5,099	5,336	7,095	6,570	41,342	51,276	33,362	37,851	41,169	39,286
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	194	226	(D)	64	(D)	(D)
Oil and gas extraction	4,760*	6,944*	2,271*	2,407*	3,631*	4,149	36,823*	47,220	27,547	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	461*	702	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	2,405	(D)	3,128	(D)	(D)	7,459	6,950*
Construction	130,863*	134,102*	147,635*	(D)	(D)	193,436*	919,421	1,038,423	1,241,078	1,338,789	1,520,830	1,645,300
Manufacturing	1,322,066	1,392,486	1,498,202	1,526,090	1,675,616	1,729,496	859,785	963,466	1,079,074	1,206,998	1,329,124	1,452,691
Nondurable goods	142,918	157,538	180,493	170,598	161,686	167,395	353,795	380,649	394,879	435,189	479,844	532,730
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	176,772*	178,871	183,812	195,164	208,128	227,698
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	438	477	498	608	656	1,477*	5,501*	6,405*	8,027*	9,376*	9,065*	9,161*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	22,400	25,073	27,710	22,651	24,955	27,753	87,155	110,132	121,703	134,918	148,959	163,571
Chemicals and allied products	17,644*	18,691*	18,136*	19,161*	18,983	20,484	25,782*	25,205*	25,711*	39,603*	56,052*	58,046
Petroleum and coal products	0	0	(D)	0	962	1,255	1,149*	1,873*	1,937*	1,589*	3,177*	11,444*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	13,496*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	0	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,179,148	1,234,948	1,317,709	1,355,492	1,513,930	1,562,101	505,990	582,817	684,195	771,809	849,280	919,961
Lumber and wood products	2,847	3,443	3,990*	4,889*	5,065*	5,843*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	4,536	4,517	6,080	7,635	8,549	9,222	16,388*	16,995	18,158	21,757	23,870	21,726*
Primary metal industries	(D)	(D)	(D)	(D)	26,993*	29,002*	6,235*	(D)	(D)	(D)	(D)	10,924*
Fabricated metal products	278,876	277,457	289,902	312,812	337,567	294,031*	57,789*	60,666	57,666	66,621*	64,236	73,447*
Machinery, except electrical	311,475*	(D)	(D)	(D)	(D)	417,545	89,584	99,525	111,057	122,497	144,161	171,756
Electric and electronic equipment	47,061	51,042	62,000	40,305*	48,015*	80,572*	(D)	48,974*	86,585*	(D)	160,586*	167,631*
Transportation equip. excl. motor vehicles	192,278	222,694	241,204	258,171	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	8,270*	7,411*	9,130*	11,250*	15,329	17,241*
Stone, clay, and glass products	7,345*	6,809*	12,763	11,848*	14,238*	13,079	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	11,610*	14,195*	(D)	(D)	17,891*	13,743*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	6,334	6,888	7,259*	9,949	12,569*	13,475*
Transportation and public utilities	144,231	148,956	150,725	154,705	180,223	173,262	810,221	849,459	875,414	964,956	1,065,476	1,157,966
Railroad transportation	2,815	3,031	(D)	(D)	2,803	2,691	122,728	119,974	109,944	100,535	110,780	126,207
Trucking and warehousing	54,886	57,128	57,228	60,528	66,599	62,865	205,775	208,588	240,962	271,636	299,710	332,647
Water transportation	(D)	134	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	26,930*	26,901*	25,468*	29,276	28,087	307,182*	334,848	322,491	392,473	434,216	443,972*
Electric, gas, and sanitary services	(D)	43,263*	43,515*	46,391*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	154,219*	175,246*	171,428*	179,369*	210,703*	229,607*	543,032	607,562	672,669	732,448	785,544	860,126
Retail trade	237,522	250,501	258,435	279,119	307,028	317,996	1,318,576	1,445,569	1,505,682	1,630,858	1,742,704	1,913,897
Finance, insurance, and real estate	87,187	89,289	99,508	129,533	129,490	133,947	584,716	680,016	790,292	1,000,434	1,051,079	1,172,889
Banking and credit agencies	38,868*	41,755*	48,323*	49,368*	55,038	57,942*	221,074	240,112	275,831	299,917	324,978	346,119
Other finance, insurance, and real estate[9]	42,699*	41,566*	45,435*	73,064*	74,452	72,009*	363,642	439,904	514,461	700,517	726,101	826,770
Services	509,793	567,939	632,998	696,051	772,551	818,118	2,350,992	2,679,207	3,024,840	3,474,118	3,912,126	4,424,796
Hotels and other lodging places	10,993	10,798*	12,671*	12,867*	13,523*	15,075*	62,261	64,168	65,941	84,464	95,527	103,211
Personal services	36,707	41,972	45,717	42,009	47,650	53,315	111,996	138,778	155,253	166,667	196,568	233,826
Private households	4,052	4,055	4,033	3,891*	4,103*	4,294*	(D)	(D)	(D)	(D)	(D)	49,317
Business services	101,930	122,847	141,110	163,429	188,329	198,665	433,226	516,309	601,875	714,622	816,122	939,031
Auto repair, services, and garages	26,207	31,277	34,424	35,567	35,519	38,221	140,958	160,625	175,899	186,775	194,623	211,566
Miscellaneous repair services	10,860	11,598	13,031	12,220	14,223	15,880	79,762	73,627	77,850	67,501	76,043	92,980
Amusement and recreation services	7,137	8,092	9,408	9,605	9,383	10,126	63,849	76,371	82,685	87,254	104,084	121,481
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,380*	(D)
Health services	198,549	214,392	232,977	266,979	308,503	322,366	803,628	908,674	1,018,264	1,203,265	1,309,021	1,466,225
Legal services	26,145	27,791	31,691	34,074	36,942	39,734	169,674	194,396	221,716	254,935	296,730	328,809
Educational services	12,655	14,109	15,045	14,905	14,864	12,336	34,737	39,079	46,192	56,962	65,034	77,573
Social services	13,344	13,864	17,016	17,512	19,577	20,729	57,596	67,358	79,106	88,472	110,078	124,583
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	24,350	22,911	25,434	27,971	29,848	32,295	131,045	146,079	157,858	173,379	196,092	211,399
Miscellaneous services	35,058	42,454	48,632	53,862	48,762	53,674	217,434	246,957	294,514	340,197	395,821	452,729
Government and government enterprises	226,460	238,967	253,365	275,304	289,545	305,309	3,738,400	4,200,366	4,595,326	4,991,043	5,387,224	5,945,914
Federal, civilian	28,911	30,732	31,186	33,694	36,688	38,362	761,015	838,316	847,863	875,569	904,082	960,458
Military	3,457	3,882	4,241	4,535	4,764	4,954	233,722	254,853	266,532	268,973	259,665	254,212
State and local	194,092	204,353	217,938	237,075	248,093	261,993	2,743,663	3,107,197	3,480,931	3,846,501	4,223,477	4,731,244

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Saginaw—Bay City—Midland, MI (MSA)						St. Cloud, MN (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,029,532**	**5,334,347**	**5,566,143**	**5,815,145**	**6,199,667**	**6,589,260**	**1,794,142**	**1,916,950**	**2,058,228**	**2,202,429**	**2,374,174**	**2,567,555**
Nonfarm personal income	4,995,001	5,298,221	5,545,489	5,775,232	6,165,919	6,532,696	1,749,610	1,859,610	1,975,686	2,133,432	2,303,833	2,478,546
Farm income[1]	34,531	36,126	20,654	39,913	33,748	56,564	44,532	57,340	82,542	68,997	70,341	89,009
Population (thousands)[2]	411.1	404.8	406.0	406.1	406.2	405.8	170.8	172.6	175.0	177.7	181.2	184.4
Per capita personal income (dollars)	**12,233**	**13,178**	**13,708**	**14,321**	**15,264**	**16,238**	**10,507**	**11,107**	**11,759**	**12,394**	**13,102**	**13,927**
Derivation of total personal income:												
Total earnings by place of work	3,699,576	3,945,599	4,105,283	4,321,605	4,626,788	4,834,118	1,200,148	1,284,483	1,428,833	1,542,408	1,698,853	1,847,327
Less: Personal contributions for social insurance[3]	230,660	261,520	265,032	290,752	324,535	350,190	77,866	86,891	95,085	103,606	118,569	133,116
Plus: Adjustment for residence	−60,978	−45,343	−66,463	−95,238	−112,969	−114,317	124,600	134,979	120,645	133,536	122,973	105,881
Equals: Net earnings by place of residence	3,407,938	3,638,736	3,773,788	3,935,615	4,189,284	4,369,611	1,246,882	1,332,571	1,454,393	1,572,338	1,703,257	1,820,092
Plus: Dividends, interest, and rent[5]	825,776	874,370	904,880	930,817	1,005,611	1,149,781	281,326	298,443	314,309	319,587	332,193	379,789
Plus: Transfer payments	795,818	821,241	887,475	948,713	1,004,772	1,069,868	265,934	285,936	289,526	310,504	338,724	367,674
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,048,291	3,273,734	3,407,258	3,562,196	3,834,342	3,983,746	940,815	998,563	1,093,008	1,195,901	1,320,553	1,427,478
Other labor income	419,889	427,528	443,755	451,821	468,996	491,426	91,028	95,015	107,018	112,307	122,651	134,836
Proprietors' income[6]	231,396	244,337	254,270	307,588	323,450	358,946	168,305	190,905	228,807	234,200	255,649	285,013
Farm	28,163	29,800	14,422	33,366	27,217	49,934	32,798	45,696	71,044	57,017	58,410	76,959
Nonfarm	203,233	214,537	239,848	274,222	296,233	309,012	135,507	145,209	157,763	177,183	197,239	208,054
Earnings by industry:												
Farm	34,531	36,126	20,654	39,913	33,748	56,564	44,532	57,340	82,542	68,997	70,341	89,009
Nonfarm	3,665,045	3,909,473	4,084,629	4,281,692	4,593,040	4,777,554	1,155,616	1,227,143	1,346,291	1,473,411	1,628,512	1,758,318
Private	3,283,170	3,511,264	3,647,077	3,817,852	4,096,916	4,268,307	944,710	1,006,199	1,109,824	1,214,782	1,348,311	1,455,710
Agricultural services, forestry, fisheries, and other[7]	7,008	7,451	7,012	9,588	11,049	12,264	7,695	5,090	5,274	7,695	8,044	8,677
Agricultural services	6,716	7,284	6,993	9,543	11,044	12,275	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	292	167	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	11,955	16,088	8,198	7,664	8,689	8,649	(D)	(D)	(D)	(D)	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	8,660	11,870	4,633	4,238	5,987	6,205	1,174	1,717	721	759	1,080	1,170
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	3,274	4,202	3,547	3,420	2,695	2,437	(D)	(D)	(D)	(D)	(D)	(D)
Construction	180,280	174,959	204,204	218,581	275,932	285,563	92,507	102,651	117,719	131,154	134,744	136,800
Manufacturing	1,771,176	1,930,825	1,921,130	1,911,960	1,996,857	2,052,957	234,800	244,407	266,862	283,202	323,800	355,735
Nondurable goods	560,654	615,482	662,267	697,254	775,054	780,213	97,375*	100,167*	110,846	120,804	138,395	145,518
Food and kindred products	40,478*	42,652	43,556	44,482	46,420	45,802	(D)	(D)	(D)	(D)	(D)	59,069
Textile mill products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	1,153*	1,034*	1,234	1,362*	1,691*	880*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	23,804	27,803	30,204	33,219	35,493	36,931	(D)	27,248*	(D)	(D)	(D)	39,083
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	567	(D)	26,816	28,979	29,877	30,414	0	(D)	(D)	(D)	375	670
Tobacco manufactures	87	(L)	(D)	(D)	(D)	85	0	0	0	0	0	0
Rubber and misc. plastic products	29,986	35,647	16,268	17,437	17,649	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,210,522	1,315,343	1,258,863	1,214,706	1,221,803	1,272,744	(D)	(D)	156,016	162,398	185,405	210,217
Lumber and wood products	6,662	7,331	7,207	8,165	8,794	12,528	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,227	1,283	1,477*	2,031*	(D)	(D)
Primary metal industries	408,557	348,548*	341,814*	307,761*	293,716*	288,489	1,673	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	24,707*	27,278*	30,755*	32,908	39,125	34,160	41,235	42,629	44,015	45,144	49,240	56,653
Machinery, except electrical	89,952	95,957	102,065	89,837	90,571	121,061	14,280	15,951	20,474	22,755	27,106	(D)
Electric and electronic equipment	(D)	36,696*	41,314	38,225*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0	(D)
Stone, clay, and glass products	9,703	10,156	11,320	12,622	14,099	20,488	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	10,957*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,058	1,431	1,849	(D)	(D)	(D)
Transportation and public utilities	(D)	204,430	214,096	228,967	230,626	228,531	103,442*	95,120*	110,736*	120,543*	130,660*	138,401*
Railroad transportation	(D)	19,874	18,334	17,482	17,776	16,792	11,078	1,981	2,013	2,000	2,694	3,543
Trucking and warehousing	46,952	52,380	57,293	60,079	58,365	55,282	43,109	43,182	49,762	54,404	58,143	62,820
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	−36*	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	12,115	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	18,553	15,162	18,584	18,491	20,307	20,694
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35,889	41,828	45,294	(D)	51,615
Wholesale trade	105,310*	127,213	143,020	155,782	168,642	191,664	65,913	68,724	74,058	84,103	91,572	101,457
Retail trade	317,824	324,332	346,803	370,145	400,187	420,814	170,195	186,484	203,465	220,707	253,205	273,347
Finance, insurance, and real estate	93,059	99,025	107,665	137,374	130,992	127,300	37,219	39,955	45,956	53,485	54,761	57,144
Banking and credit agencies	(D)	50,418	54,820	53,958	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	42,848*	48,607	52,845	83,416	(D)	(D)	(D)	(D)	17,874*	23,509*	(D)	24,700*
Services	578,697	626,941	694,949	777,791	873,942	940,565	218,719	249,439	271,403	299,424	335,434	366,022
Hotels and other lodging places	13,415	14,588	(D)	(D)	19,762	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	26,701	31,004	34,386	35,515	41,040	47,806	11,647	16,834	18,476	20,343	24,673	27,874
Private households	9,487	9,512	9,508	9,528	10,045	10,510	2,571	2,595	2,594	2,599	2,770	2,918
Business services	53,795	64,133	75,176	85,727	98,120	108,719	19,188	24,739	25,969	27,494	31,242	32,941
Auto repair, services, and garages	24,375	26,925	28,914	31,954	33,121	36,549	16,825	19,873	21,053	23,747	25,026	26,956
Miscellaneous repair services	9,098	11,925	11,832*	11,992*	(D)	15,927	6,728	7,009	9,341	10,141	11,103	12,030
Amusement and recreation services	10,509	10,605	11,486	12,858	14,649	14,781	(D)	4,883	5,125	5,247	6,142	6,635
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	927	1,030	974	(D)	(D)	1,243
Health services	284,624	291,966	321,064	361,998	412,895	430,132	85,240	93,659	99,947	114,344	125,536	138,671
Legal services	31,320	37,386	39,658	41,575	44,254	47,316	11,657	12,804	14,279	14,777	16,104	18,585
Educational services	(D)	15,691	16,681	17,880	18,889	22,662	(D)	(D)	(D)	(D)	(D)	33,266
Social services	16,973	17,871	19,558	22,152	26,706	30,864	9,739	11,300	12,410	12,961	15,338	17,354
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	35,229	35,838	38,903	41,032	42,640	(D)	11,407	12,504	13,919	15,916	17,058
Miscellaneous services	50,917	59,626	72,449	86,969	97,792	113,222	13,072	13,976	16,544	18,843	21,971	24,840
Government and government enterprises	381,875	398,209	437,552	463,840	496,124	509,247	210,906	220,944	236,467	258,629	280,201	302,608
Federal, civilian	47,253	51,919	51,818	55,018	60,253	60,850	42,747	43,711	43,578	46,147	50,389	53,182
Military	4,982	5,444	5,795	6,072	6,419	6,563	3,709	3,957	4,425	5,138	5,414	5,660
State and local	329,640	340,846	379,939	402,750	429,452	441,834	164,450	173,276	188,464	207,344	224,398	243,766

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	St. Joseph, MO (MSA)						St. Louis, MO—IL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,001,622**	**1,054,603**	**1,089,139**	**1,128,332**	**1,197,061**	**1,278,142**	**34,266,350**	**36,565,426**	**38,671,211**	**41,202,779**	**43,912,926**	**46,958,696**
Nonfarm personal income	994,288	1,040,593	1,077,850	1,117,901	1,187,777	1,271,518	34,196,037	36,493,876	38,588,684	41,102,551	43,814,010	46,808,806
Farm income[1]	7,334	14,010	11,289	10,431	9,284	6,624	70,313	71,550	82,527	100,228	98,916	149,890
Population (thousands)[2]	86.1	85.7	86.2	85.9	85.4	85.0	2,403.6	2,422.3	2,438.1	2,455.4	2,466.7	2,477.1
Per capita personal income (dollars)	**11,636**	**12,311**	**12,637**	**13,138**	**14,018**	**15,041**	**14,257**	**15,095**	**15,861**	**16,781**	**17,802**	**18,957**
Derivation of total personal income:												
Total earnings by place of work	717,172	752,974	771,214	811,158	879,812	934,986	25,681,785	27,491,773	29,232,553	31,298,531	33,434,298	35,171,337
Less: Personal contributions for social insurance[3]	43,048	47,091	48,546	51,412	59,199	65,915	1,531,820	1,721,206	1,845,450	1,975,400	2,205,922	2,399,900
Plus: Adjustment for residence	−53,939	−53,348	−53,415	−57,870	−71,726	−85,750	−693,798	−755,580	−841,726	−840,509	−917,328	−917,374
Equals: Net earnings by place of residence	620,185	652,535	669,253	701,876	748,887	783,321	23,456,167	25,014,987	26,545,377	28,482,622	30,311,048	31,854,063
Plus: Dividends, interest, and rent[5]	200,845	207,488	212,514	211,617	226,260	259,336	6,287,760	6,669,633	7,006,180	7,314,548	7,860,827	9,011,477
Plus: Transfer payments	180,592	194,580	207,372	214,839	221,914	235,485	4,522,423	4,880,806	5,119,654	5,405,609	5,741,051	6,093,156
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	590,713	615,558	627,929	660,304	716,531	763,333	21,343,292	22,883,592	24,234,513	25,745,236	27,460,545	28,781,994
Other labor income	58,753	59,380	61,042	64,293	70,276	76,118	2,255,605	2,320,804	2,497,409	2,610,268	2,775,084	2,955,188
Proprietors' income[6]	67,706	78,036	82,243	86,561	93,005	95,535	2,082,888	2,287,377	2,500,631	2,943,027	3,198,669	3,434,155
Farm	6,256	12,985	10,310	9,445	8,334	5,710	48,790	50,719	62,379	79,604	78,831	130,214
Nonfarm	61,450	65,051	71,933	77,116	84,671	89,825	2,034,098	2,236,658	2,438,252	2,863,423	3,119,838	3,303,941
Earnings by industry:												
Farm	7,334	14,010	11,289	10,431	9,284	6,624	70,313	71,550	82,527	100,228	98,916	149,890
Nonfarm	709,838	738,964	759,925	800,727	870,528	928,362	25,611,472	27,420,223	29,150,026	31,198,303	33,335,382	35,021,447
Private	616,677	641,178	654,298	687,730	753,356	804,693	22,491,591	24,078,834	25,722,588	27,545,499	29,489,953	30,990,141
Agricultural services, forestry, fisheries, and other[7]	3,670	4,926	6,346	5,588	6,191	6,517	70,947	70,941	78,583	105,684	113,568	116,124
Agricultural services	3,283	(D)	(D)	4,094	4,328	4,640	68,984	69,186	76,060	104,495	112,244	114,835
Forestry, fisheries, and other[7]	387	(D)	(D)	1,494	1,863	1,877	1,963	1,755	2,523	1,189	1,324	1,289
Mining	1,342	1,733	667	773	1,001	1,370	231,688	265,771	198,989	190,902	211,085	217,205
Coal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	1,342	1,738	647	672	891	928	59,916*	87,303*	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	92	98	(D)	(D)	(D)	(D)	(D)	572	(D)
Nonmetallic minerals, except fuels	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	42,196	45,614	46,664	48,956	55,375	57,118	1,764,500	1,923,899	2,089,233	2,154,537	2,259,920	2,228,071
Manufacturing	198,050	218,549	215,959	218,860	236,920	254,440	6,878,402	7,217,307	7,577,172	7,764,740	8,267,685	8,623,692
Nondurable goods	123,980	133,807	135,403	132,857	140,487	151,033	2,489,325	2,605,698	2,760,446	2,863,619	3,052,224	3,113,818*
Food and kindred products	54,823	56,840	61,012	60,955	68,673	76,951	694,701*	717,201*	766,139*	805,825*	839,404*	833,388*
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	7,363*	6,794*	(D)
Apparel and other textile products	9,260	10,380	8,957	8,530	7,197	8,051	(D)	98,192*	100,482*	97,354*	96,078*	(D)
Paper and allied products	(D)	31,638	30,735	28,886	28,428	28,269	155,827*	163,146*	153,258*	167,904*	206,119*	252,643*
Printing and publishing	(D)	(D)	(D)	6,614	6,938	7,445	410,125*	423,377*	462,918	465,750	510,706	530,640*
Chemicals and allied products	18,293	20,874	19,866	18,265	19,374	20,049	748,949*	805,144	(D)	834,811	886,357	908,819
Petroleum and coal products	168	161	169	173	189	0	116,075*	137,068	186,337	213,868	225,168	189,817*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	0	(D)	(D)	(D)	113,632*	117,825*	122,708*	134,853*	141,114*	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	74,070	84,742	80,556	86,003	96,433	103,407	4,389,077	4,611,609	4,816,726	4,901,121	5,215,461	5,508,314*
Lumber and wood products	3,457	3,237	3,054	2,444	2,426	1,881	28,165*	30,286*	36,351*	39,193*	41,556*	39,978*
Furniture and fixtures	162	290	312	(D)	(D)	(D)	(D)	(D)	(D)	(D)	90,826*	97,092*
Primary metal industries	0	0	0	0	0	0	485,675*	492,646*	489,760*	515,399*	557,445*	549,933*
Fabricated metal products	29,553	31,992	31,699	37,080	40,046	44,345	485,650*	484,574*	494,360*	498,441*	545,002*	558,683*
Machinery, except electrical	8,452	10,168	10,662	12,632	13,861	15,855	519,520*	516,690*	531,186*	(D)	(D)	(D)
Electric and electronic equipment	15,610	22,529	(D)	(D)	(D)	(D)	390,792*	435,750*	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,141,599*	1,225,889*	1,312,781*	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,489	939	559	575	(D)	(D)	99,005*	95,870*	100,870*	103,951*	111,623*	111,015*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	257,402*	264,618*	264,778*	270,250*	297,528*	297,644*
Miscellaneous manufacturing industries	(D)	(D)	(D)	851	930	951	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	65,237	66,022	71,038	83,483	92,136	101,274	2,360,725	2,412,690	2,512,240	2,555,683	2,739,068	2,883,489
Railroad transportation	14,386	12,026	9,906	7,722	7,794	7,865	(D)	(D)	177,073	184,111	174,492*	199,841
Trucking and warehousing	21,013	24,058	30,147	42,827	47,932	57,467	541,593	518,610	536,702	564,608	592,112	(D)
Water transportation	0	0	0	0	(D)	(D)	100,462*	83,236*	69,758*	73,173*	90,134*	72,616*
Other transportation[8]	3,115	2,978	2,809	3,148	(D)	(D)	488,721*	544,692*	(D)	504,934*	610,720*	(D)
Communication	11,734	11,788	12,256	14,077	15,474	13,808	(D)	(D)	(D)	(D)	(D)	802,878*
Electric, gas, and sanitary services	14,989	15,172	15,920	15,709	17,331	18,652	(D)	(D)	(D)	(D)	(D)	446,929*
Wholesale trade	49,418	45,470	45,664	47,968	52,350	51,336	1,886,036	2,033,567	2,044,460	2,297,531	2,500,913	2,667,672
Retail trade	74,157	76,566	78,141	81,421	85,316	88,575	2,375,676	2,557,732	2,751,907	2,895,698	3,075,793	3,197,429
Finance, insurance, and real estate	42,240	43,139	45,448	44,707	46,514	49,168	1,388,180	1,519,595	1,766,649	2,239,109	2,272,721	2,278,101
Banking and credit agencies	15,778	14,691	12,409	12,392	13,969	(D)	474,903*	511,431*	584,047*	654,435*	703,533*	(D)
Other finance, insurance, and real estate[9]	26,462	28,448	33,039	32,315	32,545	(D)	835,917*	913,322*	1,073,661*	1,469,871*	1,460,789*	(D)
Services	140,367	139,159	144,371	155,974	177,553	194,895	5,535,437	6,077,332	6,703,355	7,341,615	8,049,200	8,778,358
Hotels and other lodging places	2,431	2,992	2,900	3,086	3,084	3,282	111,967*	113,547*	123,363*	145,882*	146,065*	157,930*
Personal services	7,943	8,623	9,523	9,817	11,005	11,778	240,334	289,876	314,713	334,357	382,651	425,501
Private households	1,677	1,686	1,688	1,693	1,789	1,872	(D)	(D)	68,902	66,686*	72,870	76,304
Business services	20,747	21,755	21,765	21,206	25,147	29,190	1,198,732	1,414,442	1,588,972	1,704,894	1,850,227	2,025,633
Auto repair, services, and garages	8,006	6,756	7,115	6,803	7,138	7,377	246,457	264,928	295,613	314,089	341,291	349,082
Miscellaneous repair services	2,330	1,725	2,068	1,938	2,258	2,422	98,234	90,289	101,695	102,588	121,880	127,130*
Amusement and recreation services	1,638	1,741	2,004	2,513	3,690	4,387	134,268	149,960	159,923	175,826	183,226	191,070
Motion pictures	327	348	370	162	207	221	30,810*	31,066*	32,866*	36,365*	42,490*	43,301*
Health services	71,486	69,763	71,351	83,265	94,285	102,763	1,857,242	1,993,569	2,130,085	2,390,254	2,606,393	2,850,978
Legal services	5,823	5,756	5,918	5,887	6,584	7,190	380,764	413,805	471,543	520,705	599,292	662,375
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	5,045	5,405	5,905	4,836	5,166	5,849	129,802*	135,253*	150,825*	169,927*	192,150*	209,801*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,706	6,183	6,370	7,063	7,734	8,082	211,042	216,655	231,332	249,890	275,835	290,761
Miscellaneous services	4,971	4,863	5,589	6,086	7,561	8,551	444,760	476,043	562,666	615,474	671,679	750,689
Government and government enterprises	93,161	97,786	105,627	112,997	117,172	123,669	3,119,881	3,341,389	3,427,438	3,652,804	3,845,429	4,031,306
Federal, civilian	14,736	15,516	15,583	19,739	18,250	18,462	974,944	1,035,443	1,006,898	1,067,048	1,128,464	1,170,063
Military	3,123	3,414	3,840	3,947	4,004	4,126	290,678	318,625	338,008	349,019	354,346	364,056
State and local	75,302	78,856	86,204	89,311	94,918	101,081	1,854,259	1,987,321	2,082,532	2,236,737	2,362,619	2,497,187

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Salem, OR (MSA)						Salinas—Seaside—Monterey, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,848,291**	**3,044,137**	**3,180,927**	**3,389,300**	**3,702,108**	**4,057,381**	**4,481,906**	**4,826,148**	**5,212,921**	**5,566,619**	**5,966,174**	**6,274,046**
Nonfarm personal income	2,781,935	2,965,718	3,088,577	3,295,191	3,576,691	3,941,953	3,962,160	4,328,699	4,615,574	4,944,435	5,351,444	5,681,450
Farm income[1]	66,356	78,419	92,350	94,109	125,417	115,428	519,746	497,449	597,347	622,184	614,730	592,596
Population (thousands)[2]	257.4	258.9	261.9	264.7	269.8	275.9	322.8	329.4	338.0	343.5	348.8	356.0
Per capita personal income (dollars)	**11,067**	**11,756**	**12,146**	**12,806**	**13,723**	**14,708**	**13,884**	**14,653**	**15,421**	**16,205**	**17,107**	**17,622**
Derivation of total personal income:												
Total earnings by place of work	1,734,286	1,856,865	1,982,497	2,160,345	2,386,387	2,572,172	3,144,178	3,402,711	3,723,542	4,016,232	4,250,090	4,424,152
Less: Personal contributions for social insurance[3]	106,408	118,395	128,384	138,721	156,512	177,672	153,811	175,504	191,835	206,777	231,982	253,963
Plus: Adjustment for residence	145,205	158,941	147,493	155,643	176,080	190,304	2,923	−8,784	−6,968	−10,235	−8,397	−5,318
Equals: Net earnings by place of residence	1,773,083	1,897,411	2,001,606	2,177,267	2,405,955	2,584,804	2,993,290	3,218,423	3,524,739	3,799,220	4,009,711	4,164,871
Plus: Dividends, interest, and rent[5]	555,229	577,191	597,463	600,238	644,655	747,884	889,876	939,939	976,429	1,033,650	1,151,175	1,251,108
Plus: Transfer payments	519,979	569,535	581,858	611,795	651,498	724,693	598,740	667,786	711,753	733,749	805,288	858,067
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,387,385	1,484,241	1,570,224	1,704,207	1,856,848	2,016,578	2,293,902	2,511,657	2,653,439	2,858,421	3,035,843	3,187,401
Other labor income	119,172	126,284	137,479	149,553	162,634	178,244	175,846	186,675	201,632	219,897	241,477	260,557
Proprietors' income[6]	227,729	246,340	274,794	306,585	366,905	377,350	674,430	704,379	868,471	937,914	972,770	976,194
Farm	33,543	45,310	59,236	59,030	90,086	79,389	345,300	325,214	438,675	456,864	446,803	437,703
Nonfarm	194,186	201,030	215,558	247,555	276,819	297,961	329,130	379,165	429,796	481,050	525,967	538,491
Earnings by industry:												
Farm	66,356	78,419	92,350	94,109	125,417	115,428	519,746	497,449	597,347	622,184	614,730	592,596
Nonfarm	1,667,930	1,778,446	1,890,147	2,066,236	2,260,970	2,456,744	2,624,432	2,905,262	3,126,195	3,394,048	3,635,360	3,831,556
Private	1,162,337	1,230,701	1,313,204	1,446,172	1,587,005	1,732,011	1,742,405	1,952,414	2,139,661	2,376,757	2,584,914	2,717,579
Agricultural services, forestry, fisheries, and other[7]	21,724	22,172	22,215	29,152	32,902	37,209	126,486	170,692	190,690	219,907	261,299	284,281
Agricultural services	12,675	13,210	13,864	19,768	21,491	22,940	121,664	151,996	164,554	204,204	241,584	264,737
Forestry, fisheries, and other[7]	9,049	8,962	8,351	9,384	11,411	14,269	4,822	18,696	26,136	15,703	19,715	19,544
Mining	4,732	6,170	3,771	3,388	4,357	4,132	20,633	28,931	20,066	17,881	19,420	20,014
Coal mining	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	3,962	(D)	(D)	(D)	(D)	18,113	26,008	16,368	14,468	15,729	16,054
Metal mining	(L)	(L)	(L)	(D)	111	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	2,207	2,421*	1,911*	2,032*	(D)	2,520	2,920	3,692	3,411	3,689	3,958
Construction	89,447	100,774	112,726	117,518	131,903	150,865	160,890	173,439	194,996	215,737	235,204	235,158
Manufacturing	281,257	291,017	299,010	329,673	360,769	396,160	199,489	217,616	235,135	265,885	286,017	295,190
Nondurable goods	124,569	125,218	129,382	140,901	147,039	158,633	133,364	149,673	166,280	183,935	183,374	179,735
Food and kindred products	82,192	81,059	81,034	83,590	89,392	95,212	86,779	93,532	109,675	118,141	112,337	103,915
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	2,000*	1,593*	1,595*	1,870*	3,999*	3,973*	4,762	5,218	(D)	(D)	7,273	7,838
Paper and allied products	12,949*	11,311*	12,130*	16,374*	11,384*	11,915*	(D)	(D)	10,509	(D)	(D)	(D)
Printing and publishing	17,187*	18,051*	19,080*	21,004*	22,195*	26,080*	25,152	31,534	31,918	36,835	39,657	42,519
Chemicals and allied products	3,876*	4,677*	5,221*	5,470*	6,377*	7,629*	7,102	7,369	6,672	7,277	8,833	8,879
Petroleum and coal products	1,572	1,925	2,931	3,824	3,908	4,280	321	336	395	387	471	450
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,578*	(D)	(D)	(D)	(D)	(D)	1,909	(D)	1,188	1,196	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	156,688	165,799	169,628	188,772	213,730	237,527	66,125	67,943	68,855	81,950	102,643	115,455
Lumber and wood products	77,210	80,924	83,812	97,497	108,452	120,142	5,449	4,329	3,741	3,994	4,487	5,102
Furniture and fixtures	(D)	(D)	(D)	(D)	1,720*	(D)	657	(D)	472	504	(D)	(D)
Primary metal industries	3,215	(D)	(D)	(D)	(D)	(D)	319	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	23,964	24,479	29,762	30,808	33,184	35,758*	3,484	3,204	3,153	3,169	2,927	5,409
Machinery, except electrical	(D)	27,047	25,267	26,601	27,863	27,207	15,286	15,571	15,952	20,209	24,762	27,440
Electric and electronic equipment	(D)	(D)	17,325	18,136	(D)	(D)	19,512	22,147	22,178	27,763	37,027	42,334
Transportation equip. excl. motor vehicles	2,523*	2,327	2,265	2,514	2,454	2,422	610	578	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,303	1,610	1,392	1,293	1,704	4,035
Stone, clay, and glass products	(D)	(D)	(D)	(D)	4,133	5,061	15,986	15,991	16,358	18,739	21,250	21,675
Instruments and related products	1,269	1,236	1,169	1,547	(D)	(D)	2,112	2,372	3,355	3,475	4,450	4,657
Miscellaneous manufacturing industries	1,081	1,329	1,445	1,490	1,566	1,660	1,407	1,438	1,510	1,786	2,573	2,463
Transportation and public utilities	78,055	77,875	89,152	95,213	100,342	103,755	143,288	159,514	169,644	166,828	172,549	184,235
Railroad transportation	2,341	2,228	2,069	(D)	1,889*	2,219	8,266	7,900	7,016	6,127	(D)	1,700
Trucking and warehousing	29,885	28,563	38,281	37,250	38,815	42,154	33,943	43,085	47,137	40,669	43,773	51,116
Water transportation	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	1,052	(D)	965
Other transportation[8]	4,809	4,662	5,928	(D)	(D)	(D)	12,666	12,254	15,666	17,137	19,975	23,816
Communication	25,120	25,595	26,474	32,100	34,725	34,608*	42,684	43,775	46,187	51,447	47,201	47,315
Electric, gas, and sanitary services	15,910	16,833	16,408	15,688	16,413	15,307	(D)	(D)	(D)	50,396	56,562	59,323
Wholesale trade	70,932	75,964	81,234	91,461	100,904	110,153	92,197	98,575	106,672	111,691	136,471	144,729
Retail trade	205,301	212,238	217,842	226,372	248,161	269,502	331,634	356,499	366,833	396,464	426,176	449,192
Finance, insurance, and real estate	82,245	85,162	90,968	112,570	117,059	114,169	99,986	108,186	125,238	176,680	166,610	159,512
Banking and credit agencies	26,296*	28,191*	29,180*	31,406*	34,252*	32,566*	44,182	45,108	48,405	61,758	68,672	73,420
Other finance, insurance, and real estate[9]	50,138*	51,472*	56,404*	73,658*	76,182*	76,338*	55,804	63,078	76,833	114,922	97,938	86,092
Services	328,644	359,329	396,286	440,825	490,608	546,066	567,802	638,962	730,387	805,684	881,168	945,268
Hotels and other lodging places	4,703	5,079	4,617	3,736	4,004*	5,039*	70,945	81,505	91,109	94,569	111,363	113,410
Personal services	20,286	23,319	24,770	24,757	29,592	34,617	26,787	32,820	36,506	37,704	41,470	45,987
Private households	5,235	5,256	5,247	5,261	5,314*	5,647*	14,030	14,338	14,589	14,854	16,022	17,149
Business services	41,611	49,467	55,426	62,521	69,948	79,384	120,866	144,774	158,688	186,751	195,361	209,759
Auto repair, services, and garages	19,271	20,880	22,964	23,852	24,900	27,341	38,956	42,171	46,588	47,558	48,384	52,788
Miscellaneous repair services	(D)	(D)	9,539*	10,822	13,033	14,966	12,819	10,554	13,423	11,685	14,044	14,107
Amusement and recreation services	4,684	5,799	7,406	9,090	8,545	9,546	17,255	23,055	34,267	38,308	42,087	45,467
Motion pictures	649*	520*	568*	566	631	870	(D)	(D)	(D)	(D)	(D)	(D)
Health services	132,162	142,015	155,670	179,401	195,346	210,602	132,641	143,148	156,845	179,201	197,347	209,351
Legal services	20,346	21,171	23,215	25,140	27,889	30,327	25,141	29,007	33,011	38,832	45,227	49,930
Educational services	17,239	18,341	18,825	20,657	22,325	24,673	11,032	12,877	13,252	15,528	17,316	19,041
Social services	9,817	11,881	13,449	15,479	18,348	22,914	13,833	14,711	17,161	17,906	20,061	21,445
Museums, botanical, zoological gardens	163	272	257	306	326	403*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	23,180	24,270	25,787	29,237	33,075	35,335	24,337	27,530	27,422	29,098	32,176	34,275
Miscellaneous services	20,074	22,196	27,909	30,000	36,984	44,049	53,852	56,220	79,955	84,843	88,860	98,624
Government and government enterprises	505,593	547,745	576,943	620,064	673,965	724,733	882,027	952,848	986,534	1,017,291	1,050,446	1,113,977
Federal, civilian	41,049	44,011	43,694	47,445	51,182	54,464	166,029	183,624	183,118	201,018	207,565	221,194
Military	5,523	6,574	7,121	7,058	7,456	7,510	401,177	415,595	420,171	438,370	431,796	451,610
State and local	459,021	497,160	526,128	565,561	615,327	662,759	314,821	353,629	383,245	377,903	411,085	441,173

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Salt Lake City—Ogden, UT (MSA)						San Angelo, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**11,150,179**	**11,908,708**	**12,490,670**	**13,154,707**	**13,955,154**	**15,057,832**	**1,174,967**	**1,241,038**	**1,277,157**	**1,310,546**	**1,380,184**	**1,462,236**
Nonfarm personal income	11,129,308	11,892,027	12,468,447	13,129,783	13,921,736	15,029,185	1,169,050	1,223,563	1,262,516	1,284,262	1,352,537	1,440,910
Farm income[1]	20,871	16,681	22,223	24,924	33,418	28,647	5,917	17,475	14,641	26,284	27,647	21,326
Population (thousands)[2]	1,009.9	1,025.3	1,041.7	1,056.1	1,065.0	1,078.5	96.9	97.6	97.8	98.3	99.3	99.8
Per capita personal income (dollars)	**11,041**	**11,615**	**11,991**	**12,456**	**13,104**	**13,962**	**12,126**	**12,713**	**13,063**	**13,333**	**13,904**	**14,658**
Derivation of total personal income:												
Total earnings by place of work	9,003,062	9,591,290	9,971,090	10,402,594	11,044,985	11,805,809	852,189	888,306	907,012	939,345	973,655	998,228
Less: Personal contributions for social insurance[3]	523,199	570,918	622,493	615,144	650,933	719,048	45,050	49,198	51,077	52,477	56,303	60,665
Plus: Adjustment for residence	−188,534	−216,087	−201,328	−197,634	−214,882	−225,108	−15,615	−16,002	−16,044	−17,097	−17,034	−16,657
Equals: Net earnings by place of residence	8,291,329	8,804,285	9,147,269	9,589,816	10,179,170	10,861,653	791,524	823,106	839,891	869,771	900,318	920,906
Plus: Dividends, interest, and rent[5]	1,454,477	1,580,154	1,637,525	1,727,178	1,830,088	2,135,538	225,385	243,957	249,073	241,653	263,916	303,509
Plus: Transfer payments	1,404,373	1,524,269	1,705,876	1,837,713	1,945,896	2,060,641	158,058	173,975	188,193	199,122	215,950	237,821
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,615,671	8,141,017	8,433,046	8,760,256	9,274,291	9,891,886	649,702	671,734	681,437	700,498	721,775	741,436
Other labor income	720,279	729,493	747,716	766,921	807,591	882,561	66,683	64,917	66,335	66,153	68,198	68,571
Proprietors' income[6]	667,112	720,780	790,328	875,417	963,103	1,031,362	135,804	151,655	159,240	172,694	183,682	188,221
Farm	12,456	8,505	14,299	16,777	25,448	20,792	2,943	14,534	11,723	23,177	24,524	18,139
Nonfarm	654,656	712,275	776,029	858,640	937,655	1,010,570	132,861	137,121	147,517	149,517	159,158	170,082
Earnings by industry:												
Farm	20,871	16,681	22,223	24,924	33,418	28,647	5,917	17,475	14,641	26,284	27,647	21,326
Nonfarm	8,982,191	9,574,609	9,948,867	10,377,670	11,011,567	11,777,162	846,272	870,831	892,371	913,061	946,008	976,902
Private	7,107,143	7,517,993	7,791,468	8,174,043	8,728,521	9,357,773	695,439	712,825	722,087	725,042	742,511	747,372
Agricultural services, forestry, fisheries, and other[7]	25,158	28,872	22,220	26,702	26,646	30,179	3,894	3,739	3,387	5,150	4,899	4,924
Agricultural services	(D)	27,905	21,253	(D)	(D)	29,279	3,858	3,675	3,306	5,094	4,834	4,859
Forestry, fisheries, and other[7]	(D)	967	967	(D)	(D)	900	(L)	64	81	56	65	65
Mining	194,782	124,165	83,505	106,443	116,219	119,756	31,161	30,114	19,796	15,321	15,542	15,766
Coal mining	3,227	4,483	4,352	2,394	1,115	1,183	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	47,934*	48,887*	25,018*	20,048*	21,657*	21,114	(D)	30,083	19,768	15,311	15,529	(D)
Metal mining	136,245*	58,334*	42,640*	74,032*	84,428*	90,598*	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)
Construction	676,045	699,877	700,961	611,410	621,685	649,266	85,730	83,075	83,406	72,316	71,673	67,119
Manufacturing	1,474,081	1,572,587	1,586,004	1,607,011	1,750,372	1,832,303	119,797	122,141	127,975	121,355	120,786	117,964
Nondurable goods	329,460	358,728	386,215	419,525	462,026	460,899	51,955	53,390	56,105	53,494	55,953	53,446
Food and kindred products	94,304	100,004	107,835	117,074	127,878	134,432	22,439	22,515	21,598	19,331	21,857	21,295
Textile mill products	(D)	755	(D)	(D)	(D)	(D)	352	233	(D)	414	(D)	(D)
Apparel and other textile products	34,082	34,548	34,029	32,993	30,513	30,880	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	91,034	99,659	107,844	113,139	121,640	121,276	8,136	9,341	10,161	10,289	11,216	7,659
Chemicals and allied products	40,135	42,087	45,413	47,596	56,127	53,603	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	36,096	35,510	35,813	40,593	38,748	39,559	1,031	866	870	503	418	417
Tobacco manufactures	(D)	(D)	(D)	52	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	15,285	18,834*	21,621*	31,683*	46,442	32,756*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	395	201	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,144,621	1,213,859	1,199,789	1,187,486	1,288,346	1,371,404	67,842	68,751	71,870	67,861	64,833	64,518
Lumber and wood products	46,883	47,576	(D)	(D)	(D)	38,269	(D)	(D)	(D)	(D)	3,271	2,976
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	73,445*	(D)	3,356	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	106,950	105,822	97,306	94,924	101,056	111,599	4,431	5,630	6,191	6,509	6,647	(D)
Machinery, except electrical	330,495	365,569	370,614	344,747	339,210	193,532	(D)	4,076	1,714	1,677	1,537	1,451
Electric and electronic equipment	159,406*	144,191*	142,387*	135,330*	141,342*	314,690	2,415	2,530	2,602	2,716	1,941	1,234
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	304,618	10,254	8,534	6,894	1,073	1,530	1,263
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	163	159	171	(D)	(D)	(D)
Stone, clay, and glass products	62,782	66,016	67,521	60,097	59,091	63,465	2,275	2,147	2,211	2,450	2,430	1,913
Instruments and related products	73,821*	76,031*	84,330*	85,245*	111,062	123,312*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	35,427*	42,278	41,629	46,220	76,270	72,469	1,875	2,864	2,796	2,679	2,043	1,639
Transportation and public utilities	905,504	918,935	908,666	947,492	1,022,635	1,105,570	110,463	113,406	108,988	113,007	106,568	95,131
Railroad transportation	133,190	134,865	118,406	104,154	100,794	102,666	2,999	2,615	2,107	1,663	1,577	1,584
Trucking and warehousing	218,990	219,528	219,784	244,689	276,527	299,702	13,393	12,881	10,102	10,339	10,681	10,386
Water transportation	(D)	(D)	(D)	(D)	(L)	0	0	0	0	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	252,759	298,170	(D)	(D)	(D)	(D)	(D)	(D)
Communication	216,127	231,219	217,826	221,288	211,388	216,211	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	192,610	188,259	189,153	180,681	181,159	188,821	8,760	9,748	10,608	9,883	10,411	(D)
Wholesale trade	720,348	769,515	796,090	789,915	840,090	923,881	31,103	33,518	34,595	38,648	41,347	42,929
Retail trade	910,811	965,838	1,009,707	1,039,554	1,086,798	1,167,371	104,269	105,903	106,895	106,659	107,683	106,990
Finance, insurance, and real estate	534,496	583,492	655,433	738,089	740,468	761,608	34,276	37,790	38,442	42,572	41,412	41,534
Banking and credit agencies	251,081	261,842	285,033	291,092	295,790	302,230	18,587	20,240	20,776	20,700	19,743	18,861
Other finance, insurance, and real estate[9]	283,415	321,650	370,400	446,997	444,678	459,378	15,689	17,550	17,666	21,872	21,669	22,673
Services	1,665,918	1,854,712	2,028,882	2,307,427	2,523,608	2,767,839	174,746	183,139	198,603	210,014	232,601	255,015
Hotels and other lodging places	53,849	54,922	50,670	61,618	59,407	57,947	3,393	3,136	3,326	4,502	4,072	3,967
Personal services	81,527	98,115	106,942	110,732	128,275	146,168	11,115	14,361	13,260	12,370	13,701	15,301
Private households	(D)	(D)	(D)	(D)	(D)	(D)	7,467	7,609	7,702	7,706	8,136	8,563
Business services	299,177	349,894	385,431	451,400	497,623	566,328	20,994	24,070	27,667	26,381	27,004	31,306
Auto repair, services, and garages	96,840	105,001	112,376	112,365	115,729	124,340	7,101	8,154	8,458	8,721	8,638	9,245
Miscellaneous repair services	49,642	52,003	52,954	52,724	60,145	65,105	3,127	2,815	2,932	2,812	3,147	3,445
Amusement and recreation services	41,892	47,050	49,424	54,567	59,750	65,481	2,537	2,028	2,141	2,156	3,234	3,393
Motion pictures	17,707*	18,432*	23,980*	27,349*	20,926*	23,969*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	511,613	565,332	629,217	734,348	804,017	870,274	76,514	79,980	85,518	95,039	109,245	117,110
Legal services	134,308	144,511	162,474	187,889	203,786	225,365	14,789	14,913	18,698	19,096	20,666	22,561
Educational services	26,660	32,408	36,237	45,941	52,245	57,915	(D)	(D)	1,445	2,423	(D)	(D)
Social services	34,384	38,186	40,845	45,804	54,293	61,479	3,224	3,055	3,152	3,596	3,797	4,182
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Membership organizations	130,498	140,106	150,985	174,021	199,894	216,304	5,633	6,032	6,175	6,664	7,474	7,858
Miscellaneous services	174,004	194,841	212,731	234,073	252,438	271,353	17,708	15,530	17,811	18,236	18,563	20,195
Government and government enterprises	1,875,048	2,056,616	2,157,399	2,203,627	2,283,046	2,419,389	150,833	158,006	170,284	188,019	203,497	229,530
Federal, civilian	710,101	780,851	786,817	804,599	834,518	907,840	20,058	20,459	19,302	23,105	29,435	32,674
Military	143,662	158,393	166,650	174,514	176,697	184,248	41,353	41,909	53,849	64,490	66,263	81,591
State and local	1,021,285	1,117,372	1,203,932	1,224,514	1,271,831	1,327,301	89,422	95,638	97,133	100,424	107,799	115,265

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	San Antonio, TX (MSA)						San Diego, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**14,084,839**	**15,487,240**	**16,205,704**	**16,682,418**	**17,819,316**	**19,105,743**	**29,154,083**	**32,190,257**	**34,943,679**	**38,084,760**	**41,847,401**	**45,867,805**
Nonfarm personal income	14,062,806	15,460,944	16,178,162	16,655,044	17,787,659	19,070,203	28,937,466	31,920,640	34,660,589	37,786,355	41,546,495	45,519,844
Farm income[1]	22,033	26,296	27,542	27,374	31,657	35,540	216,617	269,617	283,090	298,405	300,906	347,961
Population (thousands)[2]	1,204.7	1,241.6	1,279.2	1,315.8	1,323.2	1,350.8	2,074.5	2,132.6	2,205.0	2,286.3	2,370.4	2,459.3
Per capita personal income (dollars)	**11,692**	**12,474**	**12,669**	**12,678**	**13,467**	**14,144**	**14,053**	**15,095**	**15,847**	**16,658**	**17,654**	**18,651**
Derivation of total personal income:												
Total earnings by place of work	10,454,188	11,455,957	11,954,806	12,328,239	13,070,147	13,682,681	20,156,183	22,365,746	24,565,521	27,096,581	29,865,971	32,417,172
Less: Personal contributions for social insurance[3]	567,010	647,036	683,666	703,923	761,753	819,308	1,160,983	1,339,336	1,495,543	1,630,761	1,877,978	2,103,372
Plus: Adjustment for residence	−241,961	−282,357	−307,912	−337,770	−355,012	−365,760	116,007	176,595	186,047	208,086	216,578	230,257
Equals: Net earnings by place of residence	9,645,217	10,526,564	10,963,228	11,286,546	11,953,382	12,497,613	19,111,207	21,203,005	23,256,025	25,673,906	28,204,571	30,544,057
Plus: Dividends, interest, and rent[5]	2,177,323	2,499,269	2,603,105	2,545,464	2,768,657	3,185,479	5,523,946	5,992,476	6,349,242	6,713,146	7,482,866	8,709,391
Plus: Transfer payments	2,262,299	2,461,407	2,639,371	2,850,408	3,097,277	3,422,651	4,518,930	4,994,776	5,338,412	5,697,708	6,159,964	6,614,357
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,788,981	9,646,776	10,060,620	10,379,341	10,936,688	11,393,696	16,668,393	18,484,545	20,273,318	22,184,393	24,445,922	26,501,812
Other labor income	731,286	757,985	813,192	839,506	900,212	968,784	1,428,509	1,526,285	1,685,453	1,832,426	2,051,451	2,282,657
Proprietors' income[6]	933,921	1,051,196	1,080,994	1,109,392	1,233,247	1,320,201	2,059,281	2,354,916	2,606,750	3,079,762	3,368,598	3,632,703
Farm	14,649	19,039	20,411	19,905	24,237	28,082	140,892	195,128	204,244	215,940	223,332	269,197
Nonfarm	919,272	1,032,157	1,060,583	1,089,487	1,209,010	1,292,119	1,918,389	2,159,788	2,402,506	2,863,822	3,145,266	3,363,506
Earnings by industry:												
Farm	22,033	26,296	27,542	27,374	31,657	35,540	216,617	269,617	283,090	298,405	300,906	347,961
Nonfarm	10,432,155	11,429,661	11,927,264	12,300,865	13,038,490	13,647,141	19,939,566	22,096,129	24,282,431	26,798,176	29,565,065	32,069,211
Private	7,539,064	8,223,560	8,534,728	8,709,755	9,155,360	9,515,128	14,499,579	16,290,083	18,032,613	20,200,656	22,490,264	24,424,226
Agricultural services, forestry, fisheries, and other[7]	30,947	34,630	36,006	41,214	41,052	40,196	149,368	169,996	193,045	232,585	265,574	271,894
Agricultural services	(D)	33,273	34,393	40,070	39,793	38,822	113,133	122,159	137,766	188,001	210,078	221,093
Forestry, fisheries, and other[7]	(D)	1,357	1,613	1,144	1,259	1,374	36,235	47,837	55,279	44,584	55,496	50,801
Mining	160,505	166,579	139,973	124,923	136,436	121,719	69,150	93,629	53,019	56,940	69,912	75,204
Coal mining	52	56	(L)	(D)	(L)	(D)	380	443	354	115	154	153
Oil and gas extraction	138,917*	145,913*	118,586*	105,245*	118,251*	102,524*	(D)	70,497	30,056	31,754	43,561	48,639
Metal mining	(L)	(L)	0	(D)	(L)	0	(D)	308	381	1,435	999	787
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	18,438	22,381	22,228	23,636	25,198	25,625
Construction	915,910	995,507	982,666	880,004	818,175	733,087	1,539,957	1,740,518	1,955,521	2,135,537	2,357,338	2,607,424
Manufacturing	1,064,418	1,094,310	1,082,978	1,097,267	1,149,372	1,208,400	3,165,720	3,550,474	3,757,270	3,807,617	4,143,253	4,642,604
Nondurable goods	454,011	462,904	481,016	497,605	509,779	530,046	464,001	492,014	537,416	597,908	709,067	754,951
Food and kindred products	160,990*	167,627*	172,532*	165,598*	166,099*	171,844*	94,442	77,670	78,049	83,900	89,077	103,281
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	4,290	4,797	6,841	10,385	10,453	11,940
Apparel and other textile products	71,595*	66,850*	64,273*	71,024*	75,714*	81,522*	41,215	38,430	39,768	48,761	48,584	49,493
Paper and allied products	12,727*	13,395*	(D)	(D)	(D)	(D)	10,171	11,415	13,093	14,455	14,299	15,992
Printing and publishing	98,796	101,808	113,157	121,436	124,812	122,193	223,778	254,046	283,672	296,984	341,951	358,085
Chemicals and allied products	20,991*	23,678*	26,107*	24,003*	27,239*	32,091	51,806	53,589	58,505	67,343	111,866	115,779
Petroleum and coal products	8,475	8,545	8,082	7,636	6,371	7,999	6,203	8,162	9,968	13,112	14,100	15,385
Tobacco manufactures	(D)	3,114	3,268	2,167	2,641	2,470	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	28,532	41,171	44,911	60,086	76,022	82,514
Leather and leather products	19,591*	22,234*	(D)	(D)	(D)	(D)	3,564	2,734	2,609	2,882	2,715	2,482
Durable goods	610,407	631,406	601,962	599,662	639,593	678,354	2,701,719	3,058,460	3,219,854	3,209,709	3,434,186	3,887,653
Lumber and wood products	28,388*	25,825*	24,462*	22,151	22,557	21,600	15,147	18,333	22,073	33,012	37,349	51,959
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	30,208	28,297	33,196	49,278	57,405	53,989
Primary metal industries	29,430	(D)	(D)	(D)	(D)	(D)	18,444	16,463	14,979	19,100	20,802	24,141
Fabricated metal products	73,204	78,005	79,889	77,624	79,049	76,512	163,815	171,725	178,447	132,137	144,646	226,069
Machinery, except electrical	168,268	160,075*	134,321	125,644	123,394	128,903	466,961	498,912	515,018	424,553	468,309	523,585
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	628,944	771,199	817,455	862,927	906,420	938,311
Transportation equip. excl. motor vehicles	76,970*	(D)	(D)	96,267*	109,932*	120,866*	980,202	1,111,728	1,165,948	1,195,989	1,229,727	1,406,040
Motor vehicles and equipment	7,717	8,312	9,204	8,377	8,435	7,959	10,335	11,868	13,381	15,392	19,669	20,884
Stone, clay, and glass products	92,887	103,249	102,718	92,525	84,353	93,949	52,347	58,575	62,661	74,694	79,865	85,879
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	271,153	301,927	328,807	339,606	393,224	469,305
Miscellaneous manufacturing industries	27,457	28,050	30,287	30,894	32,767*	35,035	64,163	69,433	67,889	63,021	76,770	87,491
Transportation and public utilities	574,286	623,893	592,704	548,272	617,718	642,874	1,029,168	1,084,372	1,154,168	1,205,185	1,325,254	1,421,633
Railroad transportation	57,913	59,225	52,971	47,734	50,547	55,545	6,246	6,254	6,583	7,064	6,880	6,938
Trucking and warehousing	149,021	152,013	153,676	158,278	161,982	169,264	137,917	146,240	165,769	188,551	205,024	225,371
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	21,874	24,056	20,879	22,145	22,829	22,817
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	255,790	267,282*	279,251*	281,088*	281,238*	301,338	332,247	346,061	347,706	339,841	371,759	388,935
Electric, gas, and sanitary services	41,694	69,090	21,608	−37,447	13,495	9,400	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	595,882	654,742	674,914	638,419	667,534	677,417	808,236	909,981	1,007,390	1,149,956	1,315,132	1,361,361
Retail trade	1,257,207	1,369,140	1,446,685	1,446,663	1,501,409	1,564,687	1,984,682	2,149,833	2,403,836	2,596,638	3,009,422	3,218,953
Finance, insurance, and real estate	802,505	896,189	985,588	1,067,234	1,080,745	1,118,080	1,164,195	1,323,463	1,591,785	2,051,910	2,173,207	2,252,081
Banking and credit agencies	256,527	282,608*	305,246*	305,760*	305,902*	314,221	510,277	574,365	681,319	783,353	865,512	894,865
Other finance, insurance, and real estate[9]	545,978	602,315*	667,230*	746,258*	759,910*	803,859	653,918	749,098	910,466	1,268,557	1,307,695	1,357,216
Services	2,137,404	2,388,570	2,593,214	2,865,759	3,142,919	3,408,668	4,589,103	5,267,817	5,916,579	6,964,288	7,831,172	8,573,072
Hotels and other lodging places	89,765	97,807	96,744	110,211	116,646	118,489	187,055	203,329	251,586	325,002	345,739	376,812
Personal services	121,361	145,957	154,449	161,596	179,433	188,414	198,351	247,920	265,519	301,423	341,603	378,194
Private households	36,992	37,676	38,144	38,174	40,275	42,373	(D)	(D)	(D)	(D)	(D)	(D)
Business services	433,131	507,439	553,905	596,655	639,944	719,322	1,124,575	1,339,626	1,491,262	1,798,933	2,053,963	2,238,315
Auto repair, services, and garages	108,997	121,945	130,447	137,701	140,981	149,689	224,653	256,854	279,728	301,371	329,344	353,253
Miscellaneous repair services	38,325	38,159	40,664	40,559	41,675	44,063	124,502	133,361	132,842	129,161	149,050	166,095
Amusement and recreation services	40,070	48,238	55,257	61,210	87,009	91,304	155,670	175,982	200,762	209,533	245,436	263,155
Motion pictures	(D)	(D)	7,177*	(D)	(D)	(D)	24,419	28,711	31,068	37,723	52,067	55,571
Health services	701,378	752,976	814,816	939,966	1,026,582	1,114,211	1,286,678	1,435,148	1,580,270	1,898,575	2,081,088	2,297,348
Legal services	165,675	197,227	232,792	265,564	324,102	339,388	296,277	337,355	414,202	520,273	634,756	687,411
Educational services	70,634*	77,593*	86,413*	107,115*	115,456*	132,096*	120,004	136,176	142,481	165,034	189,355	208,528
Social services	45,642	52,598	55,897	66,221	74,926	82,847	86,412	106,085	124,848	143,896	147,908	158,489
Museums, botanical, zoological gardens	(D)	(D)	5,791*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	68,884	76,142	80,521	90,534	101,384	107,843	167,890	187,412	191,544	206,517	232,010	248,804
Miscellaneous services	200,726	218,377	235,078	231,378	233,730	258,226	470,905	553,543	680,334	791,891	884,351	986,033
Government and government enterprises	2,893,091	3,206,101	3,392,536	3,591,110	3,883,130	4,132,013	5,439,987	5,806,046	6,249,818	6,597,520	7,074,801	7,644,985
Federal, civilian	1,013,386	1,152,295	1,193,992	1,281,657	1,488,847	1,600,366	1,044,494	1,108,061	1,113,617	1,174,095	1,256,034	1,353,428
Military	772,319	807,093	866,912	896,784	890,788	905,763	2,441,692	2,514,068	2,679,792	2,727,962	2,832,889	2,979,630
State and local	1,107,386	1,246,713	1,331,632	1,412,669	1,503,495	1,625,884	1,953,801	2,183,917	2,456,409	2,695,463	2,985,878	3,311,927

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	San Francisco, CA (PMSA)						San Jose, CA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**32,298,688**	**34,701,841**	**36,464,882**	**38,768,231**	**42,062,941**	**45,050,723**	**25,384,314**	**27,071,259**	**28,412,679**	**30,445,584**	**33,108,000**	**35,544,335**
Nonfarm personal income	32,219,539	34,614,280	36,364,102	38,665,610	41,970,261	44,965,139	25,293,996	26,977,238	28,306,593	30,337,284	33,006,838	35,443,972
Farm income[4]	79,149	87,561	100,780	102,621	92,680	85,584	90,318	94,021	106,086	108,300	101,162	100,363
Population (thousands)[2]	1,549.6	1,570.4	1,580.9	1,586.1	1,590.1	1,599.2	1,378.0	1,397.4	1,401.7	1,413.0	1,432.0	1,446.0
Per capita personal income (dollars)	**20,843**	**22,097**	**23,067**	**24,442**	**26,453**	**28,170**	**18,421**	**19,373**	**20,270**	**21,547**	**23,120**	**24,581**
Derivation of total personal income:												
Total earnings by place of work	27,418,388	29,441,828	31,575,611	33,514,511	35,981,339	38,131,221	22,759,194	24,246,080	25,332,868	27,432,590	30,334,901	32,233,081
Less: Personal contributions for social insurance[3]	1,548,059	1,740,180	1,889,390	1,986,929	2,211,091	2,429,170	1,285,964	1,444,823	1,531,325	1,635,398	1,873,475	2,051,944
Plus: Adjustment for residence	−4,028,208	−4,184,633	−4,765,462	−4,756,230	−4,898,958	−5,172,396	−1,776,183	−1,955,910	−1,923,387	−2,168,541	−2,820,722	−2,869,745
Equals: Net earnings by place of residence	21,842,121	23,517,015	24,920,759	26,771,352	28,871,290	30,529,655	19,697,047	20,845,347	21,878,156	23,628,651	25,640,704	27,311,392
Plus: Dividends, interest, and rent[5]	7,169,941	7,635,198	7,825,392	8,109,374	9,022,669	9,979,447	3,561,762	3,879,514	4,015,347	4,170,637	4,643,651	5,189,682
Plus: Transfer payments	3,286,626	3,549,628	3,718,731	3,887,505	4,168,982	4,541,621	2,125,505	2,346,398	2,519,176	2,646,296	2,823,645	3,043,261
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	22,002,905	23,557,100	25,194,324	26,424,521	28,250,214	29,947,085	19,205,315	20,496,013	21,323,906	23,076,846	25,537,651	27,132,138
Other labor income	2,236,511	2,256,239	2,412,988	2,464,693	2,604,566	2,791,747	2,073,370	2,112,812	2,208,375	2,318,644	2,569,855	2,753,146
Proprietors' income[6]	3,178,972	3,628,489	3,968,299	4,625,297	5,126,559	5,392,389	1,480,509	1,637,255	1,800,587	2,037,100	2,227,395	2,347,797
Farm	49,234	55,946	67,575	67,458	57,161	48,600	60,716	63,797	73,765	72,810	64,696	63,949
Nonfarm	3,129,738	3,572,543	3,900,724	4,557,839	5,069,398	5,343,789	1,419,793	1,573,458	1,726,822	1,964,290	2,162,699	2,283,848
Earnings by industry:												
Farm	79,149	87,561	100,780	102,621	92,680	85,584	90,318	94,021	106,086	108,300	101,162	100,363
Nonfarm	27,339,239	29,354,267	31,474,831	33,411,890	35,888,659	38,045,637	22,668,876	24,152,059	25,226,782	27,324,290	30,233,739	32,132,718
Private	23,902,226	25,674,085	27,654,216	29,321,302	31,610,028	33,494,202	20,756,430	22,089,035	22,967,555	24,869,329	27,653,198	29,355,175
Agricultural services, forestry, fisheries, and other[7]	97,249	107,296	122,262	143,816	155,913	164,497	84,515	91,377	90,110	111,190	125,387	134,039
Agricultural services	85,639	89,503	95,692	123,125	132,197	140,146	83,584	90,024	89,093	110,329	124,525	133,101
Forestry, fisheries, and other[7]	11,610	17,793	26,570	20,691	23,716	24,351	931	1,353	1,017	861	862	938
Mining	237,567	268,895	158,418	124,407	138,159	129,234	37,442	48,687	20,577	20,947	29,504	32,803
Coal mining	121	141	134	(L)	(L)	50	447	521	500	(D)	189	(D)
Oil and gas extraction	184,907*	203,403*	104,304*	56,058	71,027	69,030	(D)	(D)	15,129	16,012	25,660	28,341
Metal mining	31,787*	38,876	(D)	66,002*	63,258	56,596*	(D)	(D)	1,085	(D)	722	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	3,826	(D)	2,744	3,282	3,863	3,912	2,933	3,385
Construction	1,517,081	1,614,772	1,736,409	1,868,679	1,947,657	2,010,532	1,255,889	1,393,507	1,405,866	1,474,230	1,611,081	1,669,091
Manufacturing	2,621,208	2,586,027	2,662,744	2,808,304	2,995,687	3,194,240	9,808,934	10,494,567	10,789,213	11,145,253	12,136,290	12,959,380
Nondurable goods	1,527,498	1,480,936	1,572,794	1,659,273	1,758,170	1,846,148	730,723	808,270	858,334	899,385	1,011,335	1,092,598
Food and kindred products	346,681	344,097*	362,649*	360,726*	347,015	327,707	212,510	214,819	221,158	215,758	210,661	225,219
Textile mill products	(D)	(D)	(D)	(D)	3,830	(D)	(D)	(D)	(D)	318	581	822
Apparel and other textile products	240,764	218,420	231,151	253,643	295,069	324,034	7,860	3,802	4,591	5,224	5,583	7,800
Paper and allied products	62,332*	55,185	56,889	55,001	51,572*	58,430	65,419	63,472	60,454	59,501	65,677	75,432
Printing and publishing	429,182	443,683	495,955	534,030	604,585	659,047	210,128	234,592	247,419	260,573	301,168	308,338
Chemicals and allied products	178,836	193,220	204,673	230,550	243,366	248,438	147,381	219,577	247,836	279,619	329,351	361,591
Petroleum and coal products	181,934*	159,859*	150,960*	153,807*	160,521*	168,792	6,730	7,063	7,788	8,141	8,579	8,454
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	75,213	55,605	58,790	59,270	47,130	51,255	79,695	63,943	68,340	69,204	88,898	104,415
Leather and leather products	(D)	(D)	(D)	(D)	3,751*	(D)	(D)	(D)	(D)	1,047	837	527
Durable goods	1,093,710	1,105,091	1,089,950	1,149,031	1,237,517	1,348,092	9,078,211	9,686,297	9,930,879	10,245,868	11,124,955	11,866,782
Lumber and wood products	16,778	(D)	(D)	(D)	(D)	38,233	25,845	25,625	28,003	35,026	37,538	34,381
Furniture and fixtures	42,780*	40,852*	38,926*	44,050*	49,329*	51,396*	21,846	23,209	21,311	22,379	24,495	36,949
Primary metal industries	185,025	(D)	(D)	(D)	(D)	220,067*	29,782	20,038	18,916	20,742	27,833	27,339
Fabricated metal products	144,338	(D)	130,464	133,065	133,602	134,995	367,039	328,903	299,294	170,327	190,252	191,342
Machinery, except electrical	158,596	156,385	138,595	150,848	164,909	172,304	2,480,657	2,600,320	2,731,829	2,934,565	3,395,629	3,713,288
Electric and electronic equipment	322,974	342,863	343,009	355,886	374,785	419,128	3,626,705	3,931,800	3,827,010	4,005,292	4,076,386	4,363,836
Transportation equip. excl. motor vehicles	89,784	94,959	92,041	91,877	88,616	82,679	1,219,069	1,458,405	1,596,158	1,539,855	1,675,607	1,698,520
Motor vehicles and equipment	7,852*	3,670*	(D)	(D)	(D)	(D)	15,643	12,291	11,246	9,597	7,358	5,336
Stone, clay, and glass products	35,213	33,607	36,894	42,719	49,297	48,398	91,034	94,163	95,240	92,906	98,184	94,690
Instruments and related products	39,812	50,745	58,649	65,922	79,101	119,224	1,071,614	1,142,024	1,258,362	1,375,722	1,554,457	1,665,649
Miscellaneous manufacturing industries	49,911	54,021	48,298	42,132	51,408	52,701	128,977	49,519	43,510	39,457	37,216	35,452
Transportation and public utilities	3,197,109	3,245,806	3,347,867	3,272,778	3,352,394	3,453,270	728,568	760,042	735,221	741,211	841,395	851,095
Railroad transportation	133,154	118,195	104,001	111,853	114,237	124,692	20,351	17,680	15,651	13,719	13,102	12,888
Trucking and warehousing	248,316*	276,152	296,299	288,813	298,666	299,292	196,626	197,742	207,811	215,670	247,256	254,014
Water transportation	120,898*	121,979*	157,372*	153,803*	163,280*	150,191*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	1,020,711	999,964	831,605	709,157	658,425	645,704	301,539	312,196	260,942	253,649	289,421	271,721
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	119,856	139,680	145,722	138,244	157,454	166,635
Wholesale trade	2,146,892	2,324,443	2,447,896	2,341,631	2,476,579	2,668,300	1,125,925	1,269,814	1,343,471	1,666,417	2,064,847	2,233,419
Retail trade	2,433,368	2,630,540	2,805,925	2,924,410	3,141,627	3,301,657	1,611,425	1,704,504	1,806,440	1,871,154	2,062,426	2,266,616
Finance, insurance, and real estate	3,711,170	4,108,670	4,700,149	5,241,877	5,526,480	5,531,101	772,427	875,882	1,034,891	1,285,807	1,196,473	1,149,878
Banking and credit agencies	1,440,820*	1,555,472*	1,763,667	1,760,474	1,785,702	1,819,574	273,509	290,595	327,842	333,385	328,600	332,313
Other finance, insurance, and real estate[9]	(D)	(D)	2,936,482	3,481,403	3,740,778	3,711,527	498,918	585,287	707,049	952,422	867,873	817,565
Services	7,940,582	8,787,636	9,672,546	10,595,400	11,875,532	13,041,371	5,331,305	5,450,655	5,741,766	6,553,120	7,585,795	8,058,854
Hotels and other lodging places	363,624	370,512*	386,198*	447,286*	520,780	520,483	(D)	(D)	(D)	(D)	(D)	124,355
Personal services	266,619	329,911	351,010	363,068	414,752	469,958	145,757	174,456	185,485	200,332	230,804	253,637
Private households	(D)	(D)	(D)	(D)	(D)	(D)	37,724	38,548	39,232	39,955	43,073	46,091
Business services	2,105,629	2,427,355	2,715,092	2,993,146	3,425,312	3,836,488	2,134,312	2,037,861	2,127,874	2,378,658	2,988,995	3,095,530
Auto repair, services, and garages	325,603	356,408	385,731	400,720	410,461	412,496	174,610	194,420	205,251	219,089	234,955	262,272
Miscellaneous repair services	101,861	95,622	104,500	96,525	104,145	110,530	183,521	159,010	141,530	128,011	149,378	173,517
Amusement and recreation services	183,052	212,289	236,760	268,408	324,942	335,176	61,663	67,750	85,867	96,086	110,518	116,572
Motion pictures	95,165	108,304	142,248	138,776	171,195	199,728	10,457	10,398	11,673	13,555	19,038	22,553
Health services	1,405,284	1,571,823	1,712,068	1,892,514	2,020,207	2,201,300	1,080,434	1,180,564	1,272,071	1,430,191	1,573,181	1,693,211
Legal services	1,026,973	1,133,820	1,344,609	1,537,426	1,818,585	2,019,756	248,989	269,570	320,082	376,458	420,935	466,010
Educational services	178,104	201,214	212,409	238,924	261,422	278,331	(D)	(D)	(D)	(D)	(D)	526,581
Social services	157,192	171,810	190,611	205,954	243,055	265,746	87,043	102,119	110,643	127,204	137,651	153,780
Museums, botanical, zoological gardens	12,108*	13,640*	15,824*	18,379*	19,648*	21,262*	573	702	801	800	1,267	1,398
Membership organizations	268,810	284,852	299,643	312,511	344,004	365,389	130,909	144,462	154,827	164,954	180,198	196,287
Miscellaneous services	1,333,082	1,380,380	1,443,543	1,546,280	1,662,925	1,861,158	538,526	549,702	537,513	795,066	862,462	927,060
Government and government enterprises	3,437,013	3,680,182	3,820,615	4,090,588	4,278,631	4,551,435	1,912,446	2,063,024	2,259,227	2,454,961	2,580,541	2,777,543
Federal, civilian	992,783	1,042,200	1,029,327	1,067,562	1,146,912	1,196,281	347,467	359,663	367,474	405,406	441,084	469,719
Military	179,026	184,835	187,091	188,322	183,222	175,799	152,263	167,404	168,184	166,599	169,786	176,284
State and local	2,265,204	2,453,147	2,604,197	2,834,704	2,948,497	3,179,355	1,412,716	1,535,957	1,723,569	1,882,956	1,969,671	2,131,540

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Santa Barbara—Santa Maria—Lompoc, CA (MSA)						Santa Cruz, CA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,227,977**	**5,695,961**	**6,024,321**	**6,370,511**	**6,863,297**	**7,478,319**	**3,069,478**	**3,323,701**	**3,623,000**	**3,935,846**	**4,326,180**	**4,321,836**
Nonfarm personal income	5,054,817	5,501,248	5,811,506	6,150,309	6,617,793	7,232,257	2,967,518	3,228,173	3,480,830	3,783,183	4,161,742	4,165,140
Farm income[1]	173,160	194,713	212,815	220,202	245,504	246,062	101,960	95,528	142,170	152,663	164,438	156,696
Population (thousands)[2]	323.3	331.2	336.5	341.3	343.1	347.8	206.2	212.8	217.3	222.2	226.7	231.9
Per capita personal income (dollars)	**16,168**	**17,196**	**17,901**	**18,667**	**20,001**	**21,504**	**14,884**	**15,616**	**16,676**	**17,710**	**19,082**	**18,637**
Derivation of total personal income:												
Total earnings by place of work	3,589,189	3,952,910	4,207,749	4,447,128	4,749,234	5,073,173	1,600,851	1,721,347	1,909,937	2,130,235	2,388,300	2,471,061
Less: Personal contributions for social insurance[3]	198,306	228,100	246,116	259,712	288,434	321,540	88,483	101,267	111,833	125,269	146,582	160,685
Plus: Adjustment for residence	−62,961	−69,257	−75,630	−74,033	−79,230	−88,910	540,833	591,789	651,381	717,455	756,690	824,090
Equals: Net earnings by place of residence	3,327,922	3,655,553	3,886,003	4,113,383	4,381,570	4,662,723	2,053,201	2,211,869	2,449,485	2,722,421	2,998,408	3,134,466
Plus: Dividends, interest, and rent[4]	1,264,163	1,347,052	1,398,738	1,476,306	1,643,697	1,910,927	615,185	665,179	699,774	722,175	804,730	615,178
Plus: Transfer payments	635,892	693,356	739,580	780,822	838,030	904,669	401,092	446,653	473,741	491,250	523,042	572,192
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,762,643	3,021,093	3,208,426	3,351,924	3,550,000	3,807,017	1,139,356	1,246,989	1,356,590	1,505,056	1,696,825	1,816,762
Other labor income	269,456	284,239	302,854	308,048	327,417	355,796	112,811	116,871	127,477	139,703	157,588	169,417
Proprietors' income[5]	557,090	647,578	696,469	787,156	871,817	910,360	348,684	357,487	425,870	485,476	533,887	484,882
Farm	120,073	142,933	161,346	165,749	190,461	187,129	56,051	42,143	84,662	87,598	94,533	81,410
Nonfarm	437,017	504,645	535,123	621,407	681,356	723,231	292,633	315,344	341,208	397,878	439,354	403,472
Earnings by industry:												
Farm	173,160	194,713	212,815	220,202	245,504	246,062	101,960	95,528	142,170	152,663	164,438	156,696
Nonfarm	3,416,029	3,758,197	3,994,934	4,226,926	4,503,730	4,827,111	1,498,891	1,625,819	1,767,767	1,977,572	2,223,862	2,314,365
Private	2,848,757	3,141,161	3,335,962	3,527,461	3,768,200	4,034,338	1,268,529	1,371,918	1,485,659	1,666,127	1,885,663	1,943,087
Agricultural services, forestry, fisheries, and other[7]	59,420	59,785	68,396	78,984	82,493	94,057	18,244	17,898	20,074	25,426	26,297	26,968
Agricultural services	58,661	56,460	63,200	74,972	77,856	89,654	17,356	15,881	16,634	22,435	22,606	23,393
Forestry, fisheries, and other[7]	759	3,325	5,196	4,012	4,637	4,403	888	2,017	3,440	2,991	3,691	3,575
Mining	65,995	72,685	56,668	60,882	64,919	61,495	7,300	9,577	5,417	5,261	6,727	7,280
Coal mining	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)
Oil and gas extraction	61,845	68,487	51,672	56,636	60,479	57,167	(D)	6,887	2,472	2,493	3,836	4,187
Metal mining	(D)	73	93	(D)	0	0	(D)	(L)	(L)	(D)	60	(D)
Nonmetallic minerals, except fuels	(D)	4,091	4,870	4,122	4,428	4,315	2,456	2,644	2,923	2,729	2,829	(D)
Construction	290,807	291,357	301,627	304,726	329,475	356,850	177,828	174,266	179,720	201,920	220,638	237,896
Manufacturing	646,432	767,591	799,222	769,152	809,412	858,332	290,444	301,972	320,658	353,409	398,065	400,189
Nondurable goods	64,047	66,677	73,190	82,208	83,596	99,631	103,193	103,005	103,145	116,046	135,728	146,607
Food and kindred products	25,210	23,429	26,485	24,539	30,052	29,257	75,964	76,157	73,073	80,178	90,707	96,445
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0
Apparel and other textile products	3,307	2,216	2,504	4,181	5,401	7,338	(D)	(D)	1,251	1,758	2,141	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	24,709	27,652	24,257	26,805	29,971	42,922	13,437	14,764	16,068	16,548	20,324	21,870
Chemicals and allied products	1,901	2,574	7,686	7,951	4,898	4,259	1,279	1,096	(D)	4,422	5,082	4,847
Petroleum and coal products	957	1,070	1,304	1,993	2,528	3,879	298	299	551	661	1,306	429
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	5,472	6,376	6,772	11,465	4,937	6,781	5,595	5,825	7,220	8,569	11,743	15,565
Leather and leather products	754	(D)	(D)	552	670	500	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	582,385	700,914	726,032	686,944	725,816	758,701	187,251	198,967	217,513	237,363	262,337	253,582
Lumber and wood products	(D)	5,963	6,049	8,086	8,253	8,462	8,432	9,580	9,909	12,323	13,978	16,892
Furniture and fixtures	526	795	1,051	1,556	2,101	3,241	2,302	(D)	(D)	1,328	850	876
Primary metal industries	5,049	(D)	(D)	(D)	(D)	(D)	5,494	(D)	(D)	(D)	(D)	1,478
Fabricated metal products	10,779	10,944	11,278	11,641	12,660	12,839	3,688	3,728	3,688	4,254	4,672	5,591
Machinery, except electrical	36,248	97,188	132,001	144,852	118,826	123,714	59,495	64,601	80,024	94,201	(D)	90,498
Electric and electronic equipment	221,136	238,461	220,379	229,160	276,759	281,474	62,973	65,525	66,683	70,165	82,695	84,002
Transportation equip. excl. motor vehicles	216,269	251,839	248,641	179,892	173,408	186,884	18,349	18,921	22,631	20,784	17,351	25,381
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0
Stone, clay, and glass products	27,988	28,872	30,958	31,313	33,219	35,330	13,641	14,651	15,888	17,221	17,542	16,984
Instruments and related products	42,004	43,568	50,442	52,097	62,244	69,907	7,639	9,497	9,741	8,245	7,174	8,110
Miscellaneous manufacturing industries	12,030	13,525	15,521	18,093	26,573	29,132	5,238	5,744	2,361	3,687	4,404	3,770
Transportation and public utilities	159,566	165,927	162,172	154,958	168,178	180,502	64,802	67,314	71,243	77,124	81,102	88,695
Railroad transportation	1,223	1,064	(D)	(D)	884	817	3,187	3,340	3,839	4,601	4,938	5,397
Trucking and warehousing	39,862	39,703	40,615	37,293	37,270	37,412	19,940	21,498	24,790	21,928	22,021	23,835
Water transportation	8,220	5,304	3,867	3,449	3,177	(D)	(D)	(D)	(D)	(D)	(D)	2,468
Other transportation[8]	17,475	18,838	(D)	(D)	27,245	(D)	(D)	7,101	(D)	(D)	(D)	26,143
Communication	62,868	67,316	66,384	60,481	60,911	66,998	(D)	(D)	(D)	11,539	9,869	10,647
Electric, gas, and sanitary services	29,918	33,702	29,493	29,495	38,691	40,104	(D)	(D)	(D)	(D)	19,328	20,205
Wholesale trade	128,449	141,644	157,592	169,488	196,825	210,733	62,210	70,840	75,673	78,458	101,694	103,025
Retail trade	401,343	442,646	454,288	474,189	511,685	527,918	230,634	247,650	266,887	286,257	306,434	296,859
Finance, insurance, and real estate	149,315	178,054	211,924	301,784	271,344	284,584	60,690	66,528	76,192	109,383	105,369	74,871
Banking and credit agencies	63,469	69,791	81,276	101,543	101,383	100,787	28,894	29,152	32,714	42,346	45,824	48,437
Other finance, insurance, and real estate[9]	85,846	108,263	130,648	200,241	169,961	183,797	31,796	37,376	43,478	67,037	59,545	26,434
Services	947,430	1,021,472	1,124,073	1,213,298	1,333,869	1,459,867	356,377	415,873	469,795	528,889	639,337	707,304
Hotels and other lodging places	45,541	49,064	53,461	57,285	49,003	66,001	11,214	12,662	9,956	10,061	14,236	6,616
Personal services	38,771	48,173	55,052	57,632	65,067	71,881	17,976	23,709	27,291	27,353	31,749	36,353
Private households	21,411	21,878	22,262	22,669	24,449	26,166	10,827	11,067	11,262	11,468	12,367	13,237
Business services	310,473	323,311	353,028	362,067	367,282	391,750	80,087	96,909	117,440	140,642	195,664	212,707
Auto repair, services, and garages	41,011	47,400	48,658	50,227	52,955	57,521	20,039	21,810	22,630	23,564	24,793	27,175
Miscellaneous repair services	18,368	18,283	20,117	17,893	29,818	31,662	6,727	7,322	8,192	8,102	9,479	9,931
Amusement and recreation services	13,039	15,618	18,828	21,367	23,406	25,991	12,992	15,283	16,871	19,514	22,263	23,467
Motion pictures	(D)	4,355	4,433	4,246	5,028	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	258,872	282,684	300,678	340,093	374,632	403,197	115,765	135,482	145,090	161,071	185,862	211,469
Legal services	42,980	49,182	56,684	59,994	69,718	80,786	17,057	19,651	23,450	24,579	29,822	33,067
Educational services	21,210	23,832	23,740	26,988	29,875	32,355	6,491	7,169	7,441	8,532	9,203	9,926
Social services	22,665	23,050	30,116	33,481	35,598	43,053	12,867	15,148	19,704	21,727	22,367	24,514
Museums, botanical, zoological gardens	(D)	2,445	2,846	3,361	3,577	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	29,306	31,890	32,966	35,824	37,842	39,711	15,314	16,775	18,041	18,573	20,685	22,131
Miscellaneous services	77,576	80,307	101,204	120,171	165,619	179,448	26,949	30,719	40,102	50,960	58,252	73,861
Government and government enterprises	567,272	617,036	658,972	699,465	735,530	792,773	230,362	253,901	282,108	311,445	338,199	371,278
Federal, civilian	104,801	110,500	109,339	111,729	115,590	122,573	13,030	14,097	14,555	15,704	18,375	18,176
Military	94,421	99,697	98,890	97,368	94,882	97,202	3,268	3,914	4,211	4,353	4,506	4,616
State and local	368,050	406,839	450,743	490,368	525,058	572,998	214,064	235,890	263,342	291,388	315,318	348,486

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Santa Fe, NM (MSA)						Santa Rosa—Petaluma, CA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,357,254**	**1,504,498**	**1,605,798**	**1,734,340**	**1,821,986**	**1,979,221**	**5,042,078**	**5,555,977**	**6,021,901**	**6,560,625**	**7,212,197**	**7,882,740**
Nonfarm personal income	1,354,523	1,502,183	1,603,370	1,731,667	1,819,031	1,977,502	4,958,829	5,470,727	5,917,891	6,446,296	7,087,823	7,737,339
Farm income[1]	2,731	2,315	2,428	2,673	2,955	1,719	83,249	85,250	104,010	114,329	124,374	145,401
Population (thousands)[2]	100.3	103.2	108.2	111.5	112.5	115.5	326.1	334.1	343.8	354.2	366.0	377.9
Per capita personal income (dollars)	**13,536**	**14,576**	**14,846**	**15,559**	**16,200**	**17,137**	**15,462**	**16,628**	**17,516**	**18,523**	**19,705**	**20,860**
Derivation of total personal income:												
Total earnings by place of work	1,091,867	1,202,198	1,274,342	1,382,506	1,433,021	1,526,526	2,642,715	2,914,512	3,187,859	3,528,183	3,847,024	4,214,686
Less: Personal contributions for social insurance[3]	64,622	72,437	79,726	85,312	93,429	102,931	150,935	175,710	194,177	215,176	244,885	279,564
Plus: Adjustment for residence	−89,517	−104,902	−111,653	−124,816	−122,265	−128,034	802,781	887,779	977,376	1,082,898	1,231,673	1,266,102
Equals: Net earnings by place of residence	937,728	1,024,859	1,082,963	1,172,378	1,217,327	1,295,561	3,294,561	3,626,581	3,971,058	4,395,905	4,833,812	5,201,224
Plus: Dividends, interest, and rent[5]	268,539	311,068	336,795	355,466	377,403	436,960	1,041,370	1,148,086	1,217,352	1,286,246	1,433,243	1,667,796
Plus: Transfer payments	150,987	168,571	186,040	206,496	227,256	246,700	706,147	781,310	833,491	878,474	945,142	1,013,720
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	929,562	1,022,724	1,086,531	1,164,369	1,202,807	1,279,593	1,956,441	2,166,357	2,354,393	2,576,248	2,806,524	3,086,161
Other labor income	66,155	71,112	75,822	76,190	82,154	90,465	195,651	205,832	225,045	243,304	267,188	298,009
Proprietors' income[6]	96,150	108,362	111,989	141,947	148,060	156,468	490,623	542,323	608,421	708,631	773,312	830,516
Farm	1,572	1,214	1,377	1,610	1,929	734	53,120	55,057	72,465	79,584	87,388	103,641
Nonfarm	94,578	107,148	110,612	140,337	146,131	155,734	437,503	487,266	535,956	629,047	685,924	726,875
Earnings by industry:												
Farm	2,731	2,315	2,428	2,673	2,955	1,719	83,249	85,250	104,010	114,329	124,374	145,401
Nonfarm	1,089,136	1,199,883	1,271,914	1,379,833	1,430,066	1,524,807	2,559,466	2,829,262	3,083,849	3,413,854	3,722,650	4,069,285
Private	575,585	633,592	680,244	730,460	773,588	837,836	2,150,404	2,376,943	2,569,324	2,874,415	3,140,512	3,443,201
Agricultural services, forestry, fisheries, and other[7]	3,007	3,202	(D)	3,711	4,021	4,040	26,391	27,823	29,340	40,195	44,097	48,941
Agricultural services	2,722	(D)	(D)	3,648	3,983	3,991	23,514	24,117	24,150	35,870	39,032	44,880
Forestry, fisheries, and other[7]	285	(D)	(D)	63	(L)	(L)	2,877	3,706	5,190	4,325	5,065	4,061
Mining	9,777	10,645	7,279	6,653	7,464	7,819	33,600	39,855	29,324	30,046	32,991	32,853
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	4,951	6,163	6,378	27,419	33,568	24,091	25,484	27,811	26,844
Metal mining	(D)	(D)	(D)	1,048	572	215	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	804	643	613	653	728	1,225	6,176	6,270	5,210	4,555	5,171	6,000
Construction	82,512	85,866	82,410	75,669	82,375	84,430	297,792	328,382	383,194	410,474	471,727	516,036
Manufacturing	27,155	28,999	31,184	32,112	35,715	40,950	434,386	456,292	466,830	501,129	545,824	609,505
Nondurable goods	8,963*	10,009*	10,503*	11,490*	12,668*	13,881*	110,218	114,480	121,190	138,609	153,235	188,661
Food and kindred products	2,446	2,776*	3,140*	3,469	3,617	3,942	75,154	83,866	89,014	99,320	107,932	120,755
Textile mill products	(D)	392	391	(D)	(D)	317	(D)	(D)	685	649	803	979
Apparel and other textile products	1,339	1,246	1,043	1,150	1,279	1,178	2,106	1,841	3,364	4,897	4,625	4,403
Paper and allied products	0	0	0	(D)	(D)	0	(D)	(D)	886	(D)	(D)	(D)
Printing and publishing	4,773*	5,471*	5,722*	6,493*	7,356*	8,111*	23,929	20,239	19,088	23,199	27,364	45,206
Chemicals and allied products	0	0	(D)	(D)	(D)	(D)	1,292	1,218	1,218	1,661	2,081	2,670
Petroleum and coal products	0	0	0	0	0	0	145	253	119	(D)	(D)	3,370
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	(D)	(D)	(D)	(D)	(D)	5,002	4,052	5,271	6,763	8,340	(D)
Leather and leather products	(D)	(D)	(D)	0	0	0	1,298	1,643	1,545	1,368	1,187	1,171
Durable goods	16,003*	(D)	(D)	18,164*	21,498*	25,779*	324,168	341,812	345,640	362,520	392,589	420,844
Lumber and wood products	635	716	978	805	626	672	42,829	45,744	48,129	58,055	55,592	53,753
Furniture and fixtures	833	1,195	1,169	2,040	2,588	3,532	9,267	8,159	6,107	5,075	5,345	8,558
Primary metal industries	812	907	970	1,127	1,354	1,557	1,135	(D)	(D)	(D)	1,236	992
Fabricated metal products	363*	(D)	(D)	173	247	323	9,640	10,895	13,066	9,957	10,027	12,597
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	45,946	49,822	51,703	45,498	49,561	39,681
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	21,497	20,672	19,068	21,572	39,305	43,091
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	639	789
Motor vehicles and equipment	0	0	0	0	0	0	(D)	5,993	6,115	6,525	7,396	4,231
Stone, clay, and glass products	5,010*	4,859*	4,984*	4,057*	2,899*	3,586*	11,391	12,539	13,341	14,223	16,395	20,597
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	170,631	177,851	177,833	188,531	192,749	219,681
Miscellaneous manufacturing industries	1,870	(D)	(D)	(D)	(D)	5,406	8,546	9,849	9,836	12,262	14,344	16,874
Transportation and public utilities	32,136	33,730	35,639	36,140	34,461	31,004	182,028	196,594	202,519	212,460	226,192	240,088
Railroad transportation	1,039	530	407	(D)	(D)	(D)	471	(L)	202	340	178	(D)
Trucking and warehousing	3,440*	3,848*	4,598*	5,576*	6,507*	5,974*	51,863	52,831	56,644	(D)	65,044	66,377
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	334	430	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15,232	16,017	18,287	21,603
Communication	13,996	14,094	13,538	13,191	11,130	9,784	51,012	51,992	53,410	51,330	53,053	61,757
Electric, gas, and sanitary services	10,031	11,268	12,205	12,026	11,536	9,448*	(D)	(D)	(D)	(D)	89,200	89,960
Wholesale trade	12,910	13,504	13,191*	19,633	20,652	22,963	113,181	137,740	142,629	156,697	173,167	188,400
Retail trade	97,089	109,344	120,737	126,982	137,671	157,017	349,699	377,795	402,461	438,424	479,334	528,643
Finance, insurance, and real estate	34,680	37,760	41,282	57,487	47,738	51,581	144,707	168,504	190,567	256,080	250,523	264,361
Banking and credit agencies	18,453	19,891	20,025	20,921	19,514	(D)	53,771	62,584	64,221	71,714	70,895	78,710
Other finance, insurance, and real estate[9]	16,227	17,869	21,257	36,566	28,224	28,817*	90,936	105,920	126,346	184,366	179,628	185,651
Services	276,319	310,542	344,709	372,073	403,491	438,032	568,620	643,958	722,460	828,910	916,657	1,014,374
Hotels and other lodging places	(D)	(D)	20,760	23,944	26,282	28,560	17,311	20,601	25,095	27,257	33,292	38,176
Personal services	9,637	12,113	12,598	13,726	15,553	17,144	32,266	42,978	45,687	47,072	53,981	62,192
Private households	5,674	5,774	5,841	5,883	6,252	6,604	14,418	14,732	14,991	15,266	16,460	17,616
Business services	81,927	97,676	106,456	111,091	114,611	(D)	99,158	124,112	133,404	167,793	194,199	213,331
Auto repair, services, and garages	7,342	8,269	8,489	8,308	8,483	9,534	47,699	55,728	60,872	63,246	64,858	70,837
Miscellaneous repair services	1,994	1,841	2,116	2,123	2,542	2,612	13,018	12,484	14,657	16,105	16,880	19,004
Amusement and recreation services	7,140*	7,855*	7,956*	8,353*	8,673*	10,246*	10,586	14,189	16,548	18,305	20,814	23,947
Motion pictures	4,447*	3,743*	10,447*	3,030*	2,966*	1,999*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	62,246	68,459	75,777	87,090	97,608	105,812	188,301	200,704	224,327	258,399	277,520	300,555
Legal services	25,947	31,337	31,372	34,852	39,993	43,362	29,107	33,106	38,067	43,924	50,089	56,050
Educational services	10,407	11,341	12,013	13,919	14,908	17,039	12,023	12,769	13,131	15,509	16,479	17,801
Social services	5,972	5,367	5,712	6,459	7,956	7,474	18,420	21,295	23,368	28,167	32,127	34,928
Museums, botanical, zoological gardens	(D)	(D)	305*	603*	685*	817*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,499	8,579	9,696	11,098	12,577	14,365	27,186	28,647	30,623	32,315	36,137	38,373
Miscellaneous services	28,809	29,881	34,579	40,841	43,499	(D)	57,603	60,954	80,131	93,275	101,172	118,883
Government and government enterprises	513,551	566,291	591,670	649,373	656,478	686,971	409,062	452,319	514,525	539,439	582,138	626,084
Federal, civilian	38,785	41,424	41,446	43,548	46,843	51,048	33,583	36,928	47,727	52,394	57,399	60,312
Military	2,593	2,597	2,967	3,673	3,703	3,990	25,467	28,014	27,224	21,717	23,385	25,227
State and local	472,173	522,270	547,257	602,152	605,932	631,933	350,012	387,377	439,574	465,328	501,354	540,545

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Sarasota, FL (MSA)						Savannah, GA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,953,321**	**4,410,930**	**4,776,071**	**5,267,058**	**5,739,653**	**6,401,597**	**2,770,847**	**2,943,799**	**3,177,521**	**3,361,269**	**3,579,306**	**3,844,186**
Nonfarm personal income	3,942,664	4,400,013	4,764,660	5,255,811	5,725,941	6,389,520	2,759,197	2,932,230	3,165,892	3,348,940	3,566,927	3,831,608
Farm income[1]	10,657	10,917	11,411	11,247	13,712	12,077	11,650	11,569	11,629	12,329	12,379	12,578
Population (thousands)[2]	236.8	243.5	249.3	255.2	260.6	266.3	233.5	236.9	238.1	241.6	244.4	245.5
Per capita personal income (dollars)	**16,698**	**18,117**	**19,160**	**20,639**	**22,023**	**24,039**	**11,866**	**12,425**	**13,345**	**13,910**	**14,647**	**15,658**
Derivation of total personal income:												
Total earnings by place of work	1,722,849	1,902,910	2,086,942	2,431,387	2,601,714	2,774,777	2,015,221	2,166,725	2,397,020	2,571,755	2,728,093	2,911,872
Less: Personal contributions for social insurance[3]	102,131	118,726	130,628	144,989	165,063	187,630	110,935	124,898	139,422	148,611	164,050	180,598
Plus: Adjustment for residence	−125,417	−138,225	−153,926	−175,702	−187,682	−199,986	24,717	−1,944	−45,264	−83,095	−106,414	−128,853
Equals: Net earnings by place of residence	1,495,301	1,645,959	1,802,388	2,110,696	2,248,969	2,387,161	1,929,003	2,039,883	2,212,334	2,340,049	2,457,629	2,602,421
Plus: Dividends, interest, and rent[5]	1,688,047	1,917,076	2,068,980	2,190,535	2,433,992	2,866,652	407,619	440,315	470,590	495,480	552,762	632,844
Plus: Transfer payments	769,973	847,895	904,703	965,827	1,056,692	1,147,784	434,225	463,601	494,597	525,740	568,915	608,921
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,378,884	1,515,316	1,661,078	1,873,824	2,036,672	2,181,958	1,684,721	1,818,082	1,999,973	2,139,722	2,263,851	2,413,010
Other labor income	125,221	132,929	148,439	164,681	176,527	188,810	160,861	167,661	192,137	204,708	215,284	234,131
Proprietors' income[6]	218,744	254,665	277,425	392,882	388,515	404,009	169,639	180,982	204,910	227,325	248,958	264,731
Farm	8,369	8,693	9,256	9,050	11,566	9,978	10,560	10,504	10,587	11,237	11,291	11,484
Nonfarm	210,375	245,972	268,169	383,832	376,949	394,031	159,079	170,478	194,323	216,088	237,667	253,247
Earnings by industry:												
Farm	10,657	10,917	11,411	11,247	13,712	12,077	11,650	11,569	11,629	12,329	12,379	12,578
Nonfarm	1,712,192	1,891,993	2,075,531	2,420,140	2,588,002	2,762,700	2,003,571	2,155,156	2,385,391	2,559,426	2,715,714	2,899,294
Private	1,515,447	1,677,938	1,840,191	2,159,979	2,299,100	2,437,184	1,625,942	1,752,022	1,998,823	2,144,243	2,273,031	2,430,807
Agricultural services, forestry, fisheries, and other[7]	13,713	14,835	15,116	22,511	21,476	23,406	7,788	6,286	8,117	8,527	7,931*	8,065
Agricultural services	13,244	14,152	14,224	21,719	20,426	22,402	(D)	3,971*	4,542*	5,944*	6,134	5,760*
Forestry, fisheries, and other[7]	469	683	892	792	1,050	1,004	(D)	(D)	(D)	(D)	(D)	1,818*
Mining	22,968	37,351	11,228	11,980	17,889	19,318	3,954	5,062	1,706	1,825	2,837*	3,322
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	34,039	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	107	111	125	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	3,292	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	226,187	250,652	271,228	284,540	299,918	317,419	136,595	146,547	211,239	208,618	210,231	256,097
Manufacturing	140,637	157,602	178,260	206,405	215,930	218,694	446,492	472,840	519,634	551,250	574,750	596,013
Nondurable goods	37,119	43,661	48,058	54,905	56,375	60,321	258,749	264,565	295,080	302,725	306,899	326,510
Food and kindred products	1,954	2,642	3,279	3,209	2,264	(D)	49,779*	53,139*	58,542*	(D)	(D)	64,666
Textile mill products	(D)	(D)	0	0	0	0	(D)	(D)	(D)	0	0	0
Apparel and other textile products	972	1,373	1,649	2,054	1,696	2,371	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	1,331	1,477	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	23,482	27,162	28,322	31,683	34,241	35,128	8,427	9,212	10,498	11,188	13,014	14,892*
Chemicals and allied products	2,804	3,324	3,541	3,675	3,854	5,288	39,602*	43,543*	46,071*	47,894*	46,898*	50,074*
Petroleum and coal products	0	0	0	0	0	0	18,357	19,262	24,124	25,190	19,563	16,336
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	7,044	8,273	10,355	13,238	12,989	(D)	953	1,440	1,882	2,482	2,771	(D)
Leather and leather products	0	0	(D)	(D)	0	0	0	0	0	0	0	0
Durable goods	103,518	113,941	130,202	151,500	159,555	158,373	187,743	208,275	224,554	248,525	267,851	269,503
Lumber and wood products	8,585	9,050	9,996	10,727	12,883	8,798	(D)	(D)	29,528	30,759	33,703	33,785
Furniture and fixtures	3,505	3,814	(D)	4,814	(D)	4,709	932	1,000	873	1,025	(D)	(D)
Primary metal industries	(D)	(D)	0	(D)	0	(D)	(D)	(D)	(D)	1,224	1,457	(D)
Fabricated metal products	13,249	14,038	16,209	18,598	22,447	27,940	11,473	12,378	13,071	11,401	7,399	9,281*
Machinery, except electrical	13,949	16,190	19,373	23,039	20,355	22,705	3,112	5,370	6,367	6,344*	7,569	4,068*
Electric and electronic equipment	36,054	40,788	45,034	52,021	54,850	53,533	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	2,966	2,825	6,091	7,326	5,838	5,856	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	12,988	13,926	14,913	17,759	18,734	15,737	15,695*	16,856*	18,292*	20,039*	20,199	19,408*
Instruments and related products	5,076	5,190	4,777	4,721	6,274	5,870	3,679	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	6,658	7,089	8,387	10,175	11,475	12,929	441	562	664	718	863	819
Transportation and public utilities	94,676	100,321	102,958	109,389	112,574	113,285	237,876	249,386	255,257	249,746	263,689	271,156
Railroad transportation	329	298	151	74	87	88	53,674	49,238	42,874	35,844	36,973	34,135
Trucking and warehousing	14,637	15,899	16,959	18,500	19,829	25,159	55,000	57,950	61,766	65,322	71,629	69,274
Water transportation	1,416	1,700	1,255	1,830	2,251	2,503	52,866	55,106	59,906	51,343	51,907	52,648
Other transportation[8]	10,660	12,360	11,804	13,492	12,330	13,054	18,474	25,977	25,924	27,439*	30,288	38,557
Communication	44,183	45,204	45,694	47,122	47,482	41,071	30,789	32,122	33,745	37,242*	39,417	41,904
Electric, gas, and sanitary services	23,451	24,860	27,095	28,371	30,595	31,410	27,073	28,993	31,042	32,038	33,475	34,638
Wholesale trade	68,567	74,822	78,544	92,231	104,051	106,692	107,954	118,149	127,652	139,878	149,594	151,710
Retail trade	291,580	318,782	350,855	383,302	425,143	457,361	214,596	230,417	247,918	264,766	280,391	292,501
Finance, insurance, and real estate	134,543	143,196	160,498	276,428	208,041	183,486	85,600	94,549	105,523	130,622	131,671	133,091
Banking and credit agencies	51,667	55,840	63,032	76,225	77,346	80,501	31,656*	32,936*	36,678*	38,568*	41,696*	42,160*
Other finance, insurance, and real estate[9]	82,876	87,356	97,466	200,203	130,695	102,985	52,936*	60,459*	67,358*	90,203*	87,904*	88,586*
Services	522,576	580,377	671,504	773,193	894,078	997,523	385,087	428,786	521,777	589,011	651,054	718,852
Hotels and other lodging places	16,358	17,552	17,296	19,897	28,215	32,147	19,350	21,570	23,649	23,885	23,567	23,649
Personal services	25,365	30,342	33,726	36,798	39,826	45,315	18,955	22,587	24,238	25,670	27,020	28,922
Private households	17,854	18,375	18,753	19,184	20,742	22,205	13,834	14,138	14,340	14,584	15,598	16,505
Business services	61,931	64,431	77,600	90,801	117,721	132,702	40,848	51,414	57,021	65,409	71,851	81,140
Auto repair, services, and garages	22,180	23,054	24,660	25,407	27,476	29,999	15,870	17,162	19,049	19,608	19,980	22,128
Miscellaneous repair services	8,437	7,869	10,403	11,152	12,197	12,941	11,354	8,446	9,022	10,290	12,091	14,086
Amusement and recreation services	34,810	39,835	42,663	45,016	41,411	46,846	4,159	4,538	4,830	5,477	5,114	5,729*
Motion pictures	1,232	1,682	1,823	1,616	(D)	(D)	(D)	(D)	(D)	(D)	(D)	976
Health services	172,004	191,110	215,923	265,050	305,067	337,632	148,488	165,350	228,838	271,886	301,147	332,930
Legal services	42,546	46,651	53,733	61,059	70,109	72,199	26,476	29,927	33,818	36,827	41,684	45,255
Educational services	5,836	5,761	5,787	6,639	8,236	8,879	11,304*	13,359*	14,920*	17,068*	20,845*	23,709*
Social services	9,744	11,564	13,953	15,978	17,349	21,947	10,491	10,372*	11,543*	12,973*	15,974*	16,953
Museums, botanical, zoological gardens	565	566	599	648	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,066
Membership organizations	24,217	25,555	27,888	31,992	36,828	39,684	16,681*	18,051	18,200	19,416	21,642	21,951
Miscellaneous services	79,497	96,030	126,697	141,956	166,618	192,440	45,215	50,664	60,939	64,483	72,826	83,158
Government and government enterprises	196,745	214,055	235,340	260,161	288,902	325,516	377,629	403,134	386,568	415,183	442,683	468,487
Federal, civilian	24,076	26,028	27,074	29,429	32,934	34,961	73,368	82,471	78,439	80,748	87,891	89,367
Military	2,964	3,309	3,609	3,552	3,771	4,028	76,207	77,372	79,242	84,984	89,343	86,786
State and local	169,705	184,718	204,657	227,180	252,197	286,527	228,054	243,291	228,887	249,451	265,449	292,334

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Scranton—Wilkes—Barre, PA (MSA)						Seattle, WA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,157,412**	**8,749,289**	**9,267,380**	**9,866,560**	**10,674,946**	**11,499,664**	**26,602,215**	**28,689,827**	**31,003,468**	**33,377,082**	**36,503,731**	**40,570,953**
Nonfarm personal income	8,121,852	8,714,996	9,233,011	9,831,469	10,641,735	11,457,602	26,555,262	28,637,184	30,939,330	33,303,003	36,425,118	40,483,257
Farm income[1]	35,560	34,293	34,369	35,091	33,211	42,062	46,953	52,643	64,138	74,079	78,613	87,696
Population (thousands)[2]	725.3	723.6	726.6	729.7	736.6	741.0	1,692.7	1,724.7	1,763.1	1,807.2	1,861.7	1,919.4
Per capita personal income (dollars)	**11,247**	**12,091**	**12,754**	**13,521**	**14,492**	**15,519**	**15,716**	**16,635**	**17,585**	**18,469**	**19,608**	**21,137**
Derivation of total personal income:												
Total earnings by place of work	5,114,590	5,492,339	5,844,066	6,370,080	6,916,858	7,377,779	20,896,917	22,613,562	24,799,323	26,946,983	29,621,662	32,786,977
Less: Personal contributions for social insurance[3]	332,826	371,358	401,520	435,306	494,088	550,118	1,212,235	1,366,004	1,538,905	1,697,188	1,917,390	2,188,049
Plus: Adjustment for residence	78,593	67,578	74,662	86,645	91,099	97,978	−828,675	−915,711	−1,044,785	−1,152,082	−1,268,057	−1,451,697
Equals: Net earnings by place of residence	4,860,357	5,188,559	5,517,208	6,021,419	6,513,869	6,925,639	18,856,007	20,331,847	22,215,633	24,097,713	26,436,215	29,147,231
Plus: Dividends, interest, and rent[5]	1,332,667	1,498,672	1,576,743	1,610,881	1,776,688	2,049,409	4,469,955	4,832,428	5,081,630	5,355,296	5,767,623	6,754,698
Plus: Transfer payments	1,964,388	2,062,058	2,173,429	2,234,260	2,384,389	2,524,616	3,276,253	3,525,552	3,706,205	3,924,073	4,299,893	4,669,024
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,040,204	4,328,706	4,599,192	4,990,719	5,404,176	5,751,216	17,409,487	18,807,188	20,618,865	22,321,949	24,525,927	27,161,598
Other labor income	419,851	436,149	466,743	497,927	542,218	585,170	1,710,757	1,774,144	1,939,884	2,048,795	2,238,984	2,522,030
Proprietors' income[6]	654,535	727,484	778,131	881,434	970,464	1,041,393	1,776,673	2,032,230	2,240,574	2,576,239	2,856,751	3,103,349
Farm	29,067	27,826	27,954	28,313	26,384	35,117	30,228	36,289	47,990	57,031	61,500	70,352
Nonfarm	625,468	699,658	750,177	853,121	944,080	1,006,276	1,746,445	1,995,941	2,192,584	2,519,208	2,795,251	3,032,997
Earnings by industry:												
Farm	35,560	34,293	34,369	35,091	33,211	42,062	46,953	52,643	64,138	74,079	78,613	87,696
Nonfarm	5,079,030	5,458,046	5,809,697	6,334,989	6,883,647	7,335,717	20,849,964	22,560,919	24,735,185	26,872,904	29,543,049	32,699,281
Private	4,314,418	4,643,667	4,969,348	5,432,433	5,935,396	6,329,281	18,100,687	19,603,811	21,600,942	23,543,454	25,967,223	28,828,720
Agricultural services, forestry, fisheries, and other[7]	16,496	19,468	19,993	26,364	28,412	31,068	143,656	228,357	308,012	334,929	412,661	420,880
Agricultural services	(D)	(D)	(D)	24,458	(D)	(D)	74,372	76,029	81,604	112,854	120,855	126,088
Forestry, fisheries, and other[7]	(D)	1,930*	2,391*	1,906	2,147*	2,042*	69,284	152,328	226,408	222,075	291,806	294,792
Mining	38,671	43,380	30,769	27,414	29,126	28,422	51,663	70,834	35,530	38,415	52,019	52,179
Coal mining	25,322*	23,274*	21,282*	17,242*	14,586	14,324	(D)	1,602*	1,035	(D)	1,768	1,835
Oil and gas extraction	10,792	17,556	6,444	6,670	9,732*	11,094	39,136	57,956	21,895	23,517	34,424	31,680
Metal mining	(L)	(L)	(L)	130	138	(D)	(D)	105*	313	(D)	2,763	3,567
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	10,479	11,100	12,287	12,134	13,064	15,097
Construction	313,523	366,401	380,348	434,641	514,307	546,846	1,448,070	1,446,242	1,642,072	1,770,621	2,005,793	2,203,128
Manufacturing	1,406,728	1,464,461	1,515,918	1,591,496	1,673,412	1,715,014	5,053,075	5,508,230	6,241,194	6,670,012	7,344,210	8,308,816
Nondurable goods	772,051	797,517	816,128	849,581	906,678	934,906	772,166	805,692	858,839	907,058	962,611	1,211,240
Food and kindred products	98,326*	103,824*	111,005*	119,163*	128,092*	140,223	262,297	273,749	281,762	292,147	309,660	378,690
Textile mill products	67,251*	71,421*	86,867*	96,221*	104,173*	100,951*	3,440*	5,909	(D)	8,139	8,138	8,320
Apparel and other textile products	214,710	203,851	178,175	171,941	178,591	183,556	64,630	62,426	60,766	60,118	57,604	59,641
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	273,164
Printing and publishing	118,731*	128,500*	137,456*	149,756*	169,838*	176,704*	233,029	253,074	280,525	303,333	343,884	352,371
Chemicals and allied products	25,727*	29,315*	(D)	37,644*	42,943*	(D)	36,647*	40,035*	44,013*	43,952*	44,369*	49,485*
Petroleum and coal products	551	587	(D)	729	(D)	155*	5,841	4,068	4,079	4,913	6,335	5,638
Tobacco manufactures	15,381*	(D)	11,371	(D)	(D)	(D)	54	(L)	(D)	56	56	57
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	90,295*	(D)	45,964	46,529	52,863	60,039	65,656	73,273
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	4,435*	3,135*	3,642*	4,457	3,755*	6,693*
Durable goods	634,677	666,944	699,790	741,915	766,734	780,108	4,280,909	4,702,538	5,382,355	5,762,954	6,381,599	7,097,576
Lumber and wood products	(D)	41,317	49,710*	56,410	(D)	63,935	283,617	273,422	278,338	306,508	338,597	245,243
Furniture and fixtures	20,432*	22,619*	23,722*	25,323*	25,272*	25,023*	37,715	41,255	41,259	46,827	(D)	54,932
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	68,358*	71,316	71,320	67,063	69,599	73,595
Fabricated metal products	170,731*	184,729*	185,812*	184,651*	193,108	201,552*	166,877	160,164	168,677	183,447	204,582	226,388
Machinery, except electrical	89,741*	90,314*	93,224	100,123	101,995*	99,101	190,578	225,364	216,353	225,940	282,049	311,883
Electric and electronic equipment	(D)	117,032*	131,172*	142,720*	141,704*	137,630*	212,328	224,770	240,804	265,831	276,474	295,001
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,933,234	3,303,310	3,935,280	4,124,740	4,511,743	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	45,530*	37,241	54,891	125,062	134,811*	143,954
Stone, clay, and glass products	68,900*	70,510*	73,024*	82,801*	84,477*	94,150*	93,330	95,140	94,326	104,465	130,665	126,246
Instruments and related products	43,827*	45,317*	43,456*	44,491*	48,632*	49,853*	184,310	209,840	216,992	241,611	287,448	(D)
Miscellaneous manufacturing industries	44,799	43,035	43,991	44,699	40,937*	40,892	58,738	60,716	64,115	71,460	86,609	93,773
Transportation and public utilities	424,370	438,726	474,459	493,689	536,688	576,793	1,813,226	1,903,306	1,990,042	2,059,988	2,262,052	2,432,620
Railroad transportation	11,566*	9,695*	10,625	13,262*	12,711	11,718	(D)	87,621	85,252	85,606	89,362	96,136
Trucking and warehousing	155,429*	155,344*	169,548*	192,318	206,181	220,520	309,430	(D)	(D)	(D)	(D)	(D)
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	199,834	197,196	186,035	194,767	209,765	231,731
Other transportation[8]	37,323*	38,920*	45,563*	45,662*	50,645*	54,983*	566,018	606,624	668,554	689,838	754,278	841,085
Communication	86,327*	88,653*	95,065	96,266*	106,327*	116,282*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	106,996	119,158	120,893	109,379	139,571	156,248
Wholesale trade	271,524	293,910	318,248	359,312	403,147	441,014	1,707,908	1,782,597	1,875,466	1,990,484	2,207,669	2,443,222
Retail trade	544,106	575,778	625,205	662,384	747,116	804,237	2,176,827	2,277,908	2,407,840	2,575,949	2,824,274	3,125,376
Finance, insurance, and real estate	201,050	211,667	235,837	307,299	300,755	301,576	1,539,996	1,620,096	1,825,746	2,136,427	2,203,803	2,330,295
Banking and credit agencies	98,387*	105,699*	117,202*	125,988*	136,233*	138,346*	556,806	597,047	681,051	716,096	748,957	792,609
Other finance, insurance, and real estate[9]	100,637*	103,688*	115,850*	176,839*	146,305*	144,651*	983,190	1,023,049	1,144,695	1,420,331	1,454,846	1,537,686
Services	1,097,950	1,229,876	1,368,571	1,529,834	1,702,433	1,884,311	4,166,266	4,766,241	5,275,040	5,966,629	6,654,742	7,512,204
Hotels and other lodging places	63,990*	72,650*	88,124*	99,070*	105,161*	115,875*	122,501	128,803	129,280	153,728	164,043	173,367
Personal services	49,808	65,212*	74,690*	82,817*	96,472	110,326	219,290	262,368	275,603	290,400	323,813	371,839
Private households	11,705	11,675	11,628	11,615	12,271	12,845	43,619	44,185	44,463	45,020	48,469	51,816
Business services	98,238	124,892	139,851	158,163	184,516	211,441	787,279	922,815	1,041,727	1,311,076	1,457,585	1,673,513
Auto repair, services, and garages	59,265	68,121	75,856	77,685	81,679	87,451	214,727	245,347	268,826	276,523	284,933	314,333
Miscellaneous repair services	21,145	19,713	21,021	21,655	24,777	27,245	109,315	113,437	123,958	130,192	145,255	172,488
Amusement and recreation services	19,474	23,230	23,733	27,859	31,110	34,137	140,130	159,690	168,516	181,799	200,904	222,073
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	21,213*	22,173*	26,534*	26,508*	(D)	(D)
Health services	490,985	526,819	568,667	648,438	714,283	783,766	1,164,064	1,315,228	1,438,191	1,650,188	1,912,513	2,133,150
Legal services	48,226	54,125	62,899	69,782	82,221	89,347	411,625	481,173	554,075	597,427	669,039	748,087
Educational services	67,830	73,710	77,875*	82,915*	88,829*	97,601*	100,467	118,070	121,204	135,254	154,001	170,935
Social services	39,224	45,641	52,469*	62,608*	69,560*	79,531*	117,306	127,375	137,426	152,087	166,055	194,743
Museums, botanical, zoological gardens	242*	655*	757*	948*	(D)	(D)	2,652*	3,113*	3,479*	4,209*	5,203*	5,935*
Membership organizations	50,327	51,506	55,664	59,690	66,861	70,996	168,326	172,905	189,530	202,604	226,706	244,487
Miscellaneous services	74,517	87,306	104,953	116,619	132,347	151,216	541,814	647,303	749,808	806,786	865,410	998,626
Government and government enterprises	764,612	814,379	840,349	902,556	948,251	1,006,436	2,749,277	2,957,108	3,134,243	3,329,450	3,575,826	3,870,561
Federal, civilian	228,394	243,497	239,449	263,911	261,122	265,711	560,947	597,254	598,604	632,014	682,869	718,101
Military	21,171	23,743	25,187	25,314	26,377	26,446	103,904	115,957	125,096	124,862	126,255	138,626
State and local	515,047	547,139	575,713	613,331	660,752	714,279	2,084,426	2,243,897	2,410,543	2,572,574	2,766,702	3,013,834

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Sharon, PA (MSA)						Sheboygan, WI (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,372,006**	**1,408,444**	**1,430,243**	**1,488,822**	**1,613,447**	**1,743,725**	**1,333,003**	**1,383,127**	**1,459,505**	**1,534,161**	**1,648,006**	**1,783,181**
Nonfarm personal income	1,360,601	1,398,823	1,420,478	1,474,943	1,598,232	1,726,468	1,315,862	1,365,666	1,436,497	1,510,971	1,632,376	1,753,462
Farm income[1]	11,405	9,621	9,765	13,879	15,215	17,257	17,141	17,461	23,008	23,190	15,630	29,719
Population (thousands)[2]	126.0	124.0	123.8	122.8	122.4	121.8	102.7	102.7	102.0	102.4	103.0	103.3
Per capita personal income (dollars)	**10,892**	**11,356**	**11,551**	**12,121**	**13,184**	**14,322**	**12,974**	**13,463**	**14,309**	**14,988**	**16,001**	**17,270**
Derivation of total personal income:												
Total earnings by place of work	905,103	905,140	899,225	950,417	1,039,135	1,116,194	942,837	967,032	1,029,267	1,095,998	1,194,938	1,285,704
Less: Personal contributions for social insurance[3]	57,465	60,634	61,318	64,384	73,723	82,861	59,292	63,915	67,113	73,923	85,084	94,353
Plus: Adjustment for residence	8,577	11,779	21,977	23,480	24,555	23,811	29,936	35,504	37,485	40,824	40,472	40,549
Equals: Net earnings by place of residence	856,215	856,285	859,884	909,513	989,967	1,057,144	913,481	938,621	999,639	1,062,899	1,150,326	1,231,900
Plus: Dividends, interest, and rent[4]	233,595	251,569	255,119	255,139	281,340	324,589	234,689	248,343	254,970	258,262	272,661	309,733
Plus: Transfer payments	282,196	300,590	315,240	324,170	342,140	361,992	184,833	196,163	204,896	213,000	225,019	241,548
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	701,308	703,009	691,402	721,969	787,398	845,294	774,384	794,970	838,747	888,913	975,686	1,039,579
Other labor income	90,879	87,827	85,778	89,706	98,185	105,037	87,449	86,143	92,924	98,644	110,544	121,493
Proprietors' income[6]	112,916	114,304	122,045	138,742	153,552	165,863	81,004	85,919	97,596	108,441	108,708	124,632
Farm	9,698	7,948	8,121	12,147	13,482	15,506	11,898	12,282	17,926	17,861	10,294	24,352
Nonfarm	103,218	106,356	113,924	126,595	140,070	150,357	69,106	73,637	79,670	90,580	98,414	100,280
Earnings by industry:												
Farm	11,405	9,621	9,765	13,879	15,215	17,257	17,141	17,461	23,008	23,190	15,630	29,719
Nonfarm	893,698	895,519	889,460	936,538	1,023,920	1,098,937	925,696	949,571	1,006,259	1,072,808	1,179,308	1,255,985
Private	806,186	803,580	793,617	836,033	917,333	987,546	828,679	847,152	899,391	962,458	1,061,518	1,133,877
Agricultural services, forestry, fisheries, and other[7]	2,282	2,014	1,984	3,556	3,644	3,841	3,232	3,157	2,888	4,387	4,352	4,278
Agricultural services	2,161	1,854	1,818	3,439	3,512	3,713	3,075	2,966	2,742	4,231	4,185	4,131
Forestry, fisheries, and other[7]	121	160	166	117	132	128	157	191	146	156	167	147
Mining	17,998	20,706	16,754	15,040	16,227	16,904	2,078	2,643	1,002	1,174	1,628	1,892
Coal mining	15,266	16,762	14,418	12,611	13,177	13,775	0	0	0	0	0	0
Oil and gas extraction	1,777	2,722	950	943	1,634	1,693	(D)	(D)	(D)	827	1,235	1,306
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	155	(D)	(D)
Nonmetallic minerals, except fuels	955	1,222	1,386	1,486	1,416	1,436	(D)	(D)	(D)	192	(D)	(D)
Construction	38,546	37,583	41,640	41,562	47,748	48,770	49,692	50,870	57,059	57,129	62,840	66,985
Manufacturing	341,644	316,474	286,191	302,462	344,675	371,144	460,129	464,939	492,561	520,176	582,686	616,475
Nondurable goods	22,441	24,019	25,880	29,070	32,666	32,601	118,541	118,307	139,760	151,905	170,924	203,685
Food and kindred products	12,235	12,760	13,434	15,087	16,571	15,857	45,139	45,872	48,727	53,076	54,060	58,687
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	410
Paper and allied products	0	0	(D)	(D)	(D)	(D)	12,743	12,642	14,884	15,688	16,538	20,086
Printing and publishing	3,314	3,542	4,000	4,730	5,480	6,027	11,784	12,403	12,779	14,247	14,570	(D)
Chemicals and allied products	3,437	3,984	(D)	(D)	6,088	6,090	(D)	(D)	17,822	18,314	19,071	19,330
Petroleum and coal products	1,119	1,183	1,234	1,251	1,198	968	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,120	1,267	1,372	1,652	1,711	(D)	19,106	18,728	33,521	39,193	51,106	75,361
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	5,087	3,807	2,889	2,192	5,913	4,932
Durable goods	319,203	292,455	260,311	273,392	312,009	338,543	341,588	346,632	352,801	368,271	411,762	412,790
Lumber and wood products	2,081	2,142	2,644	3,145	3,723	3,728	36,628	39,404	46,421	54,598	60,976	24,464
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	13,882	15,267	15,426	17,429	17,591	16,302
Primary metal industries	187,217	185,322	175,830	190,910	209,547	196,363	16,446	17,385	17,773	17,214	22,744	24,200
Fabricated metal products	36,600	34,050	20,273	21,743	28,484	53,701	151,335	158,890	171,975	185,132	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	26,676	32,122	34,442	84,462	75,880	71,243	68,347	60,326	63,410
Electric and electronic equipment	39,698	10,716	7,472	8,542	10,183	9,812	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	25,551	0	0	0	0	0	0
Motor vehicles and equipment	1,285	1,934	2,004	2,968	3,568	3,991	0	0	0	0	0	(D)
Stone, clay, and glass products	3,395	3,958	3,751	4,334	4,740	4,941	(D)	12,182	13,365	14,173	3,780	4,471
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	128	201	897	841	1,158	3,000	19,635	21,718	10,656	5,410	5,687	4,916
Transportation and public utilities	62,632	61,691	53,964	53,115	56,855	60,457	35,637	36,263	38,297	39,614	41,547	44,175
Railroad transportation	10,839	10,772	8,563	6,314	6,191	6,144	930	732	818	818	771	677
Trucking and warehousing	27,418	25,223	20,211	21,798	23,764	26,365	13,865	14,704	15,892	16,283	17,460	18,911
Water transportation	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	6,794	7,320	6,828	7,501	8,124	(D)	(D)	(D)	(D)	(D)	(D)
Communication	5,977	6,006	5,688	5,890	6,054	5,967	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	11,826	12,904	12,193	12,291	13,344	13,859	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	38,173	41,091	43,265	45,413	48,570	52,224	25,458	27,558	31,263	33,430	37,128	42,275
Retail trade	91,208	94,682	100,089	101,181	110,701	118,630	87,613	90,834	93,508	96,011	102,357	111,093
Finance, insurance, and real estate	25,028	24,728	26,478	36,432	32,472	31,184	36,749	33,126	36,130	50,822	53,537	57,287
Banking and credit agencies	16,700	17,293	18,594	19,804	20,038	19,887	17,670	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	8,328	7,435	7,884	16,628	12,434	11,297	19,079	(D)	(D)	(D)	(D)	(D)
Services	188,675	204,611	223,252	237,272	256,441	284,392	128,091	137,762	146,683	159,715	175,443	189,417
Hotels and other lodging places	3,667	4,144	4,671	4,747	4,403	4,746	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	9,486	11,956	13,433	14,077	16,225	19,193	7,011	9,204	9,954	10,866	12,197	13,559
Private households	1,601	1,599	1,595	1,596	1,678	1,753	1,617	1,622	1,617	1,619	1,712	1,795
Business services	17,928	19,682	24,053	27,310	31,276	36,410	16,871	19,497	20,997	23,892	27,963	31,985
Auto repair, services, and garages	13,061	13,779	15,393	15,275	15,745	16,387	7,024	7,156	7,088	6,630	7,182	7,630
Miscellaneous repair services	4,154	4,133	3,072	3,522	3,494	3,612	2,855	2,483	2,945	2,230	2,708	3,031
Amusement and recreation services	2,142	2,647	3,301	3,516	3,777	3,882	2,498	2,814	3,147	3,288	3,546	4,038
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	93,150	99,358	105,625	109,488	115,799	128,307	54,691	57,802	60,835	66,398	69,541	71,187
Legal services	6,828	7,732	8,432	8,296	9,513	10,764	4,767	5,256	5,785	5,841	6,673	7,243
Educational services	12,500	13,638	14,683	15,762	16,616	17,711	4,689	5,070	5,699	5,983	6,354	7,009
Social services	7,596	8,787	10,129	11,433	12,768	14,112	1,995	2,314	2,488	2,804	3,485	4,165
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	8,068	7,942	8,355	9,178	10,380	11,074	6,016	6,016	6,185	6,680	7,326	7,705
Miscellaneous services	8,311	8,984	10,327	12,868	14,488	16,103	16,187	16,833	17,938	21,470	24,702	27,977
Government and government enterprises	87,512	91,939	95,843	100,505	106,587	111,391	97,017	102,419	106,868	110,350	117,790	122,108
Federal, civilian	8,385	8,668	8,291	8,577	9,360	9,561	5,519	5,945	6,238	6,800	7,024	7,138
Military	3,223	3,494	3,718	3,711	3,771	3,711	3,419	3,999	4,193	4,445	4,603	4,718
State and local	75,904	79,777	83,834	88,217	93,456	98,119	88,079	92,475	96,437	99,105	106,163	110,252

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Sherman—Denison, TX (MSA)						Shreveport, LA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,165,983**	**1,242,390**	**1,296,922**	**1,329,550**	**1,400,506**	**1,477,898**	**4,247,227**	**4,490,190**	**4,490,728**	**4,526,769**	**4,712,450**	**4,919,680**
Nonfarm personal income	1,151,173	1,236,544	1,289,340	1,320,149	1,390,836	1,469,301	4,232,607	4,474,907	4,471,992	4,504,039	4,683,981	4,900,223
Farm income[1]	14,810	5,846	7,582	9,401	9,670	8,597	14,620	15,283	18,736	22,730	28,469	19,457
Population (thousands)[2]	95.3	96.8	99.1	98.5	97.9	98.3	357.9	362.6	366.2	363.2	359.1	358.0
Per capita personal income (dollars)	**12,231**	**12,831**	**13,083**	**13,500**	**14,299**	**15,040**	**11,866**	**12,382**	**12,262**	**12,463**	**13,122**	**13,744**
Derivation of total personal income:												
Total earnings by place of work	800,839	844,337	889,199	918,969	969,492	987,127	3,260,280	3,379,294	3,315,850	3,367,106	3,478,943	3,551,267
Less: Personal contributions for social insurance[3]	44,131	49,605	52,827	55,243	60,612	64,529	177,544	193,672	203,935	212,236	227,318	241,320
Plus: Adjustment for residence	9,010	7,586	2,603	(L)	−1,922	2,972	−181,628	−185,119	−192,652	−198,773	−186,392	−185,811
Equals: Net earnings by place of residence	765,718	802,318	838,975	863,761	906,958	925,570	2,901,108	3,000,503	2,919,263	2,956,097	3,065,233	3,124,136
Plus: Dividends, interest, and rent[5]	199,286	225,121	230,128	227,091	244,270	281,398	723,638	783,250	792,087	770,463	805,778	914,882
Plus: Transfer payments	200,979	214,951	227,819	238,698	249,278	270,930	622,481	706,437	779,378	800,209	841,439	880,662
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	633,570	678,504	707,630	730,113	767,839	778,556	2,655,875	2,746,372	2,675,259	2,702,307	2,765,359	2,808,558
Other labor income	70,791	71,768	77,094	78,979	84,553	87,076	273,136	270,269	262,640	263,198	270,561	280,653
Proprietors' income[6]	96,478	94,065	104,475	109,877	117,100	121,495	331,269	362,653	377,951	401,601	443,023	462,056
Farm	13,955	5,011	6,772	8,565	8,849	7,787	10,541	11,281	14,789	18,586	24,317	15,262
Nonfarm	82,523	89,054	97,703	101,312	108,251	113,708	320,728	351,372	363,162	383,015	418,706	446,794
Earnings by industry:												
Farm	14,810	5,846	7,582	9,401	9,670	8,597	14,620	15,283	18,736	22,730	28,469	19,457
Nonfarm	786,029	838,491	881,617	909,568	959,822	978,530	3,245,660	3,364,011	3,297,114	3,344,376	3,450,474	3,531,810
Private	701,854	748,018	784,144	819,162	869,681	883,752	2,679,035	2,755,439	2,654,496	2,675,358	2,757,139	2,807,675
Agricultural services, forestry, fisheries, and other[7]	2,008	2,126	2,004	2,502	2,625	2,878	12,688	12,632	11,418	14,337	14,891	14,197
Agricultural services	1,937	1,942	1,746	2,317	2,402	2,653	11,909	11,941	10,849	13,896	14,378	13,329
Forestry, fisheries, and other[7]	71	184	258	185	223	225	779	691	569	441	513	868
Mining	11,198	9,287	7,121	5,589	6,153	5,517	180,419	172,689	139,230	123,379	119,305	116,537
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	8,645	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	173,833	164,212	126,144	110,199	112,244	109,861
Metal mining	0	0	0	0	0	0	(L)	(L)	1,589	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	170	(L)
Construction	47,427	54,769	60,957	63,118	62,187	65,098	235,101	237,171	221,204	200,731	196,445	179,258
Manufacturing	302,235	319,922	334,499	336,945	368,903	363,252	598,778	614,371	544,446	542,447	571,210	568,399
Nondurable goods	84,237	86,779	99,096	99,989	115,975	106,379	114,981	120,226	130,773	139,835	142,101	147,650
Food and kindred products	49,490	56,040	68,517	69,616	85,303	78,167	17,668	18,831	18,973	15,604	15,714*	15,071*
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	8,075	4,411	4,750	4,283	4,208	4,430	(D)	(D)	4,045	4,524	(D)	2,181
Paper and allied products	4,352	4,294	4,102	3,709	3,906	3,922	1,448	5,072	(D)	(D)	(D)	13,791*
Printing and publishing	4,588	5,278	5,514	5,634	5,182	5,175	25,526	25,823	25,417	30,236	32,199	32,533
Chemicals and allied products	(D)	(D)	(D)	0	0	(D)	13,764*	23,551	27,478	27,362	28,412	30,326
Petroleum and coal products	5,914	5,096	3,302	3,117	939	689	38,958	27,503	27,549	33,068	32,587	32,184
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	2,164	6,156	11,966	14,478	(D)	(D)	(D)	15,278	16,011	(D)	(D)
Leather and leather products	(D)	290	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	217,998	233,143	235,403	236,956	252,928	256,873	483,797	494,145	413,673	402,612	429,109	420,749
Lumber and wood products	6,189	5,501	2,432	2,268	2,299	2,723	16,446	13,529	10,745	9,952	9,327	11,012
Furniture and fixtures	(D)	1,546	2,213	1,364	1,354	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	22,092	25,255	24,574	23,753	24,900	27,420	18,494	(D)	(D)	9,879	10,220	8,988
Fabricated metal products	20,800	15,849	15,196	17,025	18,293	22,297	34,060	31,895	26,854	27,884	34,674	46,615
Machinery, except electrical	11,576	11,813	9,687	9,249	10,710	11,553	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	5,611	6,160	6,993	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	3,907	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	20,263	26,341	26,495	(D)	(D)	(D)	34,550	33,194	35,223	34,629	35,500	34,626
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,052*	2,861*	2,712*	4,804*	1,863*	1,870*
Miscellaneous manufacturing industries	786	813	543	519	(D)	(D)	8,365	7,822	7,666	8,411	4,694	5,307
Transportation and public utilities	66,421	66,293	71,387	71,912	70,288	67,425	264,390	276,423	268,340	269,557	278,061	292,021
Railroad transportation	28,785	25,690	26,867	28,290	26,787	24,453	44,042	48,488	42,887	36,762*	39,621	40,668
Trucking and warehousing	8,794	8,799	9,312	10,185	10,505	10,694	66,826	64,978	64,480	69,480	73,463	73,244
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,247*
Communication	15,443	16,183	16,525	16,242	16,294	15,496	65,810	67,643	66,280	69,925	66,777	66,803*
Electric, gas, and sanitary services	12,381	14,238	16,267	14,940	13,792	13,834	69,324	74,467	73,355	71,400	79,118	88,837
Wholesale trade	26,621	26,880	26,401	24,673	23,872	24,256	217,310	219,766	207,803	205,205	204,442	210,193
Retail trade	85,683	90,350	91,670	91,981	94,243	97,885	320,424	325,338	319,633	320,928	332,584	338,812
Finance, insurance, and real estate	28,495	32,836	33,428	39,820	39,260	44,238	163,870	171,341	176,644	189,756	172,178	156,164
Banking and credit agencies	15,104	17,792	15,534	16,107	16,266	16,127	71,407	76,967	78,101	71,640	63,278	58,971
Other finance, insurance, and real estate[9]	13,391	15,044	17,894	23,713	22,994	28,111	92,463	94,374	98,543	118,116	108,900	97,193
Services	131,766	145,555	156,677	182,622	202,150	213,203	686,055	725,708	765,778	809,018	868,023	932,094
Hotels and other lodging places	(D)	(D)	(D)	2,275	3,376	3,285	17,922	16,863	15,086	14,719	12,722	14,051
Personal services	7,244	8,941	9,629	10,009	11,322	13,267	37,224	42,821	42,161	40,554	44,270	48,558
Private households	2,041	2,076	2,104	2,107	2,220	2,333	30,517	30,663	30,543	30,047	31,300	32,444
Business services	13,975	17,167	19,207	18,709	20,132	22,231	97,332	102,439	107,511	114,570	119,741	131,723
Auto repair, services, and garages	6,889	7,738	8,003	7,992	7,617	8,303	31,189	33,002	33,452	32,004	33,268	35,831
Miscellaneous repair services	2,713	2,288	2,186	2,542	2,703	2,936	18,429	16,766	16,066	12,814	14,877	16,329
Amusement and recreation services	4,071	4,652	4,597	4,299	2,779	3,322	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	338	315	229	158	(D)	289	(D)	(D)	(D)	(D)	(D)	(D)
Health services	65,206	69,284	75,233	98,099	113,368	116,784	269,464	293,048	310,854	347,960	378,103	401,656
Legal services	6,413	7,510	9,126	9,605	9,973	10,080	49,006	53,686	61,724	67,321	72,799	77,615
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	16,150	16,647	18,634	19,831	21,531	22,818
Social services	2,692	3,037	3,087	3,394	4,025	4,302	13,902	15,806	16,826	15,751	16,147	17,141
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,891	5,315	5,809	6,443	7,223	7,720	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	6,785	7,721	8,451	9,640	9,430	10,133	60,155	59,500	65,073	63,587	69,523	76,343
Government and government enterprises	84,175	90,473	97,473	90,406	90,141	94,778	566,625	608,572	642,618	669,018	693,335	724,135
Federal, civilian	6,728	7,129	7,182	7,220	7,814	7,974	105,110	109,299	110,305	123,302	136,377	143,967
Military	1,567	1,753	1,871	2,067	2,151	2,203	122,597	127,639	143,668	155,509	155,477	160,514
State and local	75,880	81,591	88,420	81,119	80,176	84,601	338,918	371,634	388,645	390,207	401,481	419,654

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Sioux City, IA—NE (MSA)						Sioux Falls, SD (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,377,300**	**1,432,393**	**1,471,870**	**1,565,965**	**1,640,740**	**1,771,168**	**1,495,450**	**1,588,345**	**1,677,903**	**1,793,347**	**1,918,472**	**2,080,248**
Nonfarm personal income	1,354,805	1,406,756	1,433,295	1,515,110	1,605,896	1,736,024	1,479,500	1,556,320	1,646,681	1,753,986	1,884,382	2,041,812
Farm income[1]	22,495	25,637	38,575	50,855	34,844	35,144	15,950	32,025	31,222	39,361	34,090	38,436
Population (thousands)[2]	117.6	117.0	115.3	114.4	115.7	116.2	118.5	121.5	121.5	123.0	125.5	126.8
Per capita personal income (dollars)	**11,714**	**12,238**	**12,763**	**13,685**	**14,181**	**15,242**	**12,615**	**13,073**	**13,807**	**14,578**	**15,285**	**16,412**
Derivation of total personal income:												
Total earnings by place of work	1,026,656	1,059,499	1,098,225	1,203,561	1,273,403	1,357,798	1,229,030	1,303,441	1,379,594	1,488,724	1,607,526	1,721,386
Less: Personal contributions for social insurance[3]	64,785	70,902	74,594	83,896	93,862	104,740	82,270	91,599	98,131	102,040	114,589	127,709
Plus: Adjustment for residence	−55,858	−55,435	−60,588	−66,553	−72,460	−75,330	−67,334	−69,791	−74,968	−80,968	−85,424	−88,896
Equals: Net earnings by place of residence	906,013	933,162	963,043	1,053,112	1,107,081	1,177,728	1,079,426	1,142,051	1,206,495	1,305,716	1,407,513	1,504,781
Plus: Dividends, interest, and rent[5]	245,316	257,568	257,187	252,326	258,030	293,986	235,885	249,906	261,597	266,956	279,036	322,809
Plus: Transfer payments	225,971	241,663	251,640	260,527	275,629	299,454	180,139	196,388	209,811	220,675	231,923	252,658
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	779,897	810,161	833,707	896,404	959,269	1,024,524	975,316	1,026,620	1,084,562	1,155,381	1,251,864	1,340,561
Other labor income	80,283	80,019	83,366	87,056	92,581	100,192	95,412	95,483	102,211	106,800	115,018	124,773
Proprietors' income[6]	166,476	169,319	181,152	220,101	221,553	233,082	158,302	181,338	192,821	226,543	240,644	256,052
Farm	18,339	21,557	34,563	46,705	30,735	31,045	13,662	29,778	29,018	37,048	31,785	36,118
Nonfarm	148,137	147,762	146,589	173,396	190,818	202,037	144,640	151,560	163,803	189,495	208,859	219,934
Earnings by industry:												
Farm	22,495	25,637	38,575	50,855	34,844	35,144	15,950	32,025	31,222	39,361	34,090	38,436
Nonfarm	1,004,161	1,033,862	1,059,650	1,152,706	1,238,559	1,322,654	1,213,080	1,271,416	1,348,372	1,449,363	1,573,436	1,682,950
Private	890,003	914,575	936,011	1,022,565	1,097,367	1,172,923	1,084,068	1,135,456	1,204,450	1,295,495	1,408,107	1,510,750
Agricultural services, forestry, fisheries, and other[7]	17,877	14,837	11,488	23,395	22,711	23,019	11,533	10,522	8,517	16,408	15,946	16,512
Agricultural services	17,758	14,714	11,349	23,274	22,577	22,893	11,420	10,031	7,712	15,969	15,384	15,946
Forestry, fisheries, and other[7]	119	123	139	121	134	126	113	491	805	439	562	566
Mining	2,169	2,930	1,178	902	1,288	1,355	3,772	4,485	3,087	3,420	3,866	4,000
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	1,814*	2,503*	(D)	759*	1,061*	1,119*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	205*	225*	(D)	(D)	(D)	136*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	61,765	60,651	63,544	68,681	79,145	80,529	75,029	74,415	77,535	83,480	96,969	103,795
Manufacturing	227,162	241,314	238,915	252,368	269,776	286,803	191,489	175,095	197,135	188,633	201,488	203,237
Nondurable goods	172,285	184,443	180,134	196,700	211,283	227,992	129,631	119,760	136,994	127,235	136,596	134,221
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	100,736	87,863	104,030	91,038	96,304	89,039
Textile mill products	(D)	(D)	(D)	414*	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	5,405	(D)	(D)	(D)	3,669	(D)	(D)	4,606	5,721	6,208
Printing and publishing	5,992	6,572	6,429*	7,126	7,383	7,391	11,569	12,484	13,799	15,286	15,604	16,699
Chemicals and allied products	15,223*	17,661*	19,396	20,476	19,868	21,033*	(D)	(D)	(D)	(D)	(D)	362
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	(D)	(D)	(D)	3,524	4,305	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	54,877	56,871	58,781	55,668	58,493	58,811	61,858	55,335	60,141	61,398	64,892	69,016
Lumber and wood products	(D)	(D)	(D)	980	1,113	1,041*	4,198	4,624	6,105	8,128	10,836	10,718
Furniture and fixtures	0	0	0	(D)	(D)	(D)	875	1,132	1,366	1,055	964	953
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Fabricated metal products	6,968*	7,349*	7,720*	7,270*	(D)	6,234*	10,338	10,593	11,721	12,403	12,814	9,841
Machinery, except electrical	18,373*	19,296*	18,378*	18,626*	19,872*	(D)	8,858	8,500	9,475	10,267	8,675	11,233
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15,115
Transportation equip. excl. motor vehicles	(D)	0	0	(D)	(D)	(D)	(D)	169	972	(D)	(D)	(D)
Motor vehicles and equipment	18,029	20,975	23,140	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,492	4,405
Stone, clay, and glass products	(D)	3,157*	(D)	4,232*	4,671*	4,979*	7,302	7,350	7,779	4,517	4,941	5,927
Instruments and related products	550	508	455	451	533	569	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,276	1,234	1,399	1,436	1,470	1,368
Transportation and public utilities	102,180	100,410	104,845	103,020	110,244	117,378	141,254	145,528	150,361	156,694	169,257	165,355
Railroad transportation	15,915	12,976	13,159	13,203	13,639	14,101	4,655	4,224	3,434	2,585	2,744	2,894
Trucking and warehousing	33,723	33,336	35,747	36,058	38,564	40,069	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	15,572	17,154	17,491	14,142	14,766	15,354	34,414	35,586	36,452	39,959	41,708	43,036
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	8,137	9,624	7,099	6,114	7,938	8,058
Wholesale trade	67,886	68,105	69,690	73,580	79,601	86,207	110,750	112,807	112,560	122,257	141,296	152,059
Retail trade	107,044	104,424	106,015	110,531	118,199	128,354	138,685	146,663	145,638	156,446	169,791	187,039
Finance, insurance, and real estate	56,654	59,944	63,198	73,489	70,121	71,405	108,386	128,758	138,585	151,227	158,498	185,890
Banking and credit agencies	(D)	(D)	21,178	21,383	21,008	(D)	53,106	70,160	75,156	78,055	85,753	(D)
Other finance, insurance, and real estate[9]	(D)	(D)	42,020	52,106	49,113	(D)	55,280	58,598	63,429	73,172	72,745	(D)
Services	247,266	261,960	277,138	316,599	346,282	377,873	303,170	337,183	371,032	416,930	450,996	492,863
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	5,470	6,859	7,820	7,892	8,534	9,616	10,351
Personal services	12,856	14,809	15,709	16,028	18,085	20,284	16,090	18,797	19,410	20,558	23,835	26,131
Private households	3,048	3,032	2,990	2,956	3,125	3,274	2,593	2,626	2,612	2,608	2,750	2,871
Business services	42,078	45,031	47,196	65,217	71,782	77,886	41,207	53,169	55,610	61,151	58,648	63,809
Auto repair, services, and garages	9,925	10,598	11,163	11,369	11,944	13,029	10,073	10,607	12,100	13,022	14,773	15,610
Miscellaneous repair services	4,752	4,387	6,000	5,548	4,861	5,971	5,543	5,536	6,310	5,843	7,092	7,726
Amusement and recreation services	3,027	3,715	3,748	4,095	4,376	5,121	4,309	4,998	5,552	6,094	6,353	7,169
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	609	641	(D)	(D)	(D)	(D)
Health services	113,578	116,412	121,498	138,000	151,486	164,998	149,490	161,459	172,949	201,812	222,785	246,413
Legal services	16,524	19,805	21,753	23,004	25,663	27,653	14,040	15,138	17,705	19,537	22,411	23,653
Educational services	9,472	10,476	11,840	12,353	13,004	14,056	(D)	(D)	19,955	22,331	24,074	24,220
Social services	6,498*	7,917*	8,677*	9,670*	10,898*	12,637	10,215	11,491	16,922	18,680	18,783	21,504
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,656	7,521	7,527	7,958	8,763	8,829	9,541	10,212	11,208	11,192	12,234	12,816
Miscellaneous services	12,071	13,100	14,037	14,986	16,776	18,337	15,903	17,013	22,133	24,951	26,899	29,075
Government and government enterprises	114,158	119,287	123,639	130,141	141,192	149,731	129,012	135,960	143,922	153,868	165,329	172,200
Federal, civilian	24,146	25,730	25,214	26,370	28,393	29,807	50,173	50,870	53,167	56,897	62,518	63,947
Military	2,143	2,267	2,649	2,905	3,023	3,134	4,140	4,377	5,050	5,626	5,798	6,060
State and local	87,869	91,290	95,776	100,866	109,776	116,790	74,699	80,713	85,705	91,345	97,013	102,193

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	South Bend—Mishawaka, IN (MSA)						Spokane, WA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**3,017,386**	**3,159,242**	**3,364,264**	**3,594,230**	**3,829,836**	**4,066,675**	**4,203,909**	**4,385,054**	**4,577,559**	**4,798,870**	**5,094,677**	**5,552,887**
Nonfarm personal income	3,008,842	3,151,870	3,354,892	3,583,269	3,818,816	4,049,540	4,171,851	4,357,180	4,533,733	4,753,670	5,045,626	5,501,971
Farm income[1]	8,544	7,372	9,372	10,961	11,020	17,135	32,058	27,874	43,826	45,200	49,051	50,916
Population (thousands)[2]	240.6	241.5	241.7	243.1	244.2	245.8	354.1	356.7	355.9	355.5	356.4	358.1
Per capita personal income (dollars)	**12,540**	**13,083**	**13,917**	**14,785**	**15,680**	**16,545**	**11,873**	**12,293**	**12,863**	**13,497**	**14,294**	**15,507**
Derivation of total personal income:												
Total earnings by place of work	2,149,131	2,261,247	2,404,077	2,601,394	2,793,751	2,922,383	2,934,390	3,005,438	3,152,614	3,340,448	3,532,172	3,762,440
Less: Personal contributions for social insurance[3]	124,316	137,857	147,620	155,564	174,553	190,053	170,109	184,223	197,581	212,592	232,176	256,780
Plus: Adjustment for residence	70,492	61,235	80,382	94,005	96,256	97,447	−67,815	−68,281	−72,375	−75,752	−76,458	−57,445
Equals: Net earnings by place of residence	2,095,307	2,184,625	2,336,839	2,539,835	2,715,454	2,829,777	2,696,466	2,752,934	2,882,658	3,052,104	3,223,538	3,448,215
Plus: Dividends, interest, and rent[5]	510,286	537,383	551,279	558,641	593,741	681,719	745,142	789,594	818,207	823,219	885,036	1,037,048
Plus: Transfer payments	411,793	437,234	476,146	495,754	520,641	555,179	762,301	842,526	876,694	923,547	986,103	1,067,624
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,786,896	1,883,230	2,001,339	2,164,389	2,319,171	2,413,645	2,425,926	2,489,658	2,594,567	2,741,211	2,884,046	3,062,186
Other labor income	189,343	187,718	197,228	205,606	217,740	227,227	211,478	203,251	210,267	215,263	227,616	244,864
Proprietors' income[6]	172,892	190,299	205,510	231,399	256,840	281,511	296,986	312,529	347,780	383,974	420,510	455,390
Farm	5,816	4,719	6,779	8,279	8,382	14,515	26,402	22,433	38,555	39,762	43,701	45,640
Nonfarm	167,076	185,580	198,731	223,120	248,458	266,996	270,584	290,096	309,225	344,212	376,809	409,750
Earnings by industry:												
Farm	8,544	7,372	9,372	10,961	11,020	17,135	32,058	27,874	43,826	45,200	49,051	50,916
Nonfarm	2,140,587	2,253,875	2,394,705	2,590,433	2,782,731	2,905,248	2,902,332	2,977,564	3,108,788	3,295,248	3,483,121	3,711,524
Private	1,943,252	2,043,664	2,168,314	2,346,525	2,526,254	2,635,038	2,355,178	2,388,445	2,501,106	2,648,312	2,808,431	2,992,338
Agricultural services, forestry, fisheries, and other[7]	7,047	6,340	6,541	8,778	9,581	10,350	8,387	7,953	7,705	10,951	12,051	13,392
Agricultural services	7,016	6,279	6,458	8,728	9,523	10,292	7,742	7,286	7,036	10,396	11,367	12,796
Forestry, fisheries, and other[7]	(L)	61	83	50	58	58	645	667	669	555	684	596
Mining	3,848	5,338	2,086	2,226	3,040	3,300	12,845	14,062	10,650	12,366	18,780	20,441
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	2,497	5,348	7,669	2,432	2,664	4,074	4,210
Metal mining	0	0	0	0	0	0	4,577	3,535	4,005	5,330	9,336	11,509
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	802	2,901	2,842	4,201	4,366	5,363	4,715
Construction	130,311	133,039	148,594	159,356	178,536	203,755	214,844	193,062	188,685	185,227	210,065	232,200
Manufacturing	685,291	691,477	694,905	721,736	745,271	732,266	457,510	423,179	464,379	482,407	539,161	562,470
Nondurable goods	188,600	196,889	180,700	202,667	207,424	198,110	89,342	85,886	99,348	98,615	108,122	111,290
Food and kindred products	14,906	15,784	17,555	19,998	19,555	15,024	34,852	30,113	37,664	32,487	34,172	33,432
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,631	1,404	(D)	1,575	(D)	2,072	5,237	5,393	6,141	9,718	13,539	13,130
Paper and allied products	8,888	8,779	9,675	10,585	11,758	11,865	6,053	6,623	8,630	7,628	7,484	7,544
Printing and publishing	23,896	25,804	26,374	28,658	31,319	31,295	29,307	30,093	32,853	33,768	35,928	38,095
Chemicals and allied products	28,712	33,859	14,932	16,359	16,644	16,632	9,404	9,197	8,821	9,388	11,075	12,297
Petroleum and coal products	0	0	0	0	(D)	1,224	0	0	(D)	(D)	(D)	123
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	105,655	107,476	107,052	120,538	121,852	115,483	2,804	2,487	2,705	2,705	2,467	2,779
Leather and leather products	4,912	3,783	(D)	4,954	4,499	4,515	(D)	(D)	(D)	1,747	1,609	(D)
Durable goods	496,691	494,588	514,205	519,069	537,847	534,156	368,168	337,293	365,031	383,792	431,039	451,180
Lumber and wood products	6,811	7,826	8,086	9,598	10,220	10,931	18,562	18,993	19,684	21,041	21,884	20,794
Furniture and fixtures	1,478	2,510	1,456	1,393	1,860	1,484	4,013	4,225	4,074	4,652	5,187	3,602
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	125,906	101,659	97,432	101,808	132,342	148,499
Fabricated metal products	40,958	40,965	48,246	53,151	58,451	56,867	21,535	19,222	20,149	21,312	25,094	26,330
Machinery, except electrical	103,223	106,968	111,424	114,194	119,467	126,202	97,084	90,513	115,711	115,217	117,372	127,052
Electric and electronic equipment	35,973	36,355	39,255	41,587	46,870	50,012	15,528	16,327	16,548	16,846	19,072	23,974
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	12,917	14,048	17,702	25,265	31,293	19,043
Motor vehicles and equipment	167,321	156,984	134,463	109,064	106,948	106,370	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,994	7,541	8,075	8,995	10,184	11,050	17,508	17,565	16,872	17,754	19,392	21,029
Instruments and related products	2,422	2,354	19,322	22,865	24,292	28,605	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,952	4,492	5,063	5,733	5,136	4,354	14,599	13,327	12,943	11,047	12,000	12,564
Transportation and public utilities	129,180	135,751	149,183	159,466	172,008	175,408	221,309	224,263	231,065	233,760	246,198	254,411
Railroad transportation	2,860	2,464	2,613	2,817	2,688	2,545	55,074	50,732	50,431	51,496	51,215	52,083
Trucking and warehousing	66,093	67,265	76,374	81,763	89,413	89,613	52,004	51,477	55,221	58,975	68,575	71,262
Water transportation	(L)	(L)	(L)	(L)	0	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	10,764	13,858	16,911	18,515	21,127	22,157	(D)	(D)	(D)	(D)	(D)	(D)
Communication	29,033	30,742	32,870	35,689	36,694	37,767	51,377	52,295	53,129	53,152	53,852	55,395
Electric, gas, and sanitary services	20,435	21,425	20,419	20,684	22,086	23,327	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	154,467	164,630	173,472	188,311	206,567	226,703	249,076	258,667	262,698	273,161	273,397	287,411
Retail trade	219,533	229,924	243,207	263,939	286,111	297,207	357,144	362,293	366,689	381,350	392,633	422,480
Finance, insurance, and real estate	101,589	110,421	122,973	153,337	152,723	155,782	179,580	183,022	213,913	251,716	213,335	205,996
Banking and credit agencies	50,895	55,770	61,921	66,585	67,058	71,588	82,526	87,912	96,391	99,879	89,890	86,876
Other finance, insurance, and real estate[9]	50,694	54,651	61,052	86,752	85,665	84,194	97,054	95,110	117,522	151,837	123,445	119,120
Services	511,986	566,744	627,353	689,376	772,417	830,267	654,483	721,944	755,322	817,374	902,811	993,537
Hotels and other lodging places	7,960	8,650	8,632	9,574	10,225	10,648	18,952	18,030	15,962	17,736	17,152	18,031
Personal services	23,105	27,295	29,681	32,388	37,223	40,725	35,522	40,442	42,862	44,048	50,050	57,864
Private households	4,929	4,932	4,903	4,902	5,177	5,430	(D)	(D)	(D)	(D)	(D)	(D)
Business services	70,017	86,939	95,276	103,993	121,610	126,922	82,529	94,886	91,211	95,894	107,517	124,194
Auto repair, services, and garages	23,630	27,615	29,985	34,055	36,968	37,303	38,816	42,452	44,504	43,767	42,235	47,154
Miscellaneous repair services	16,316	15,176	16,459	13,531	15,683	16,526	19,113	18,861	18,643	18,431	19,940	21,556
Amusement and recreation services	4,991	5,674	6,590	6,695	8,002	9,298	13,900	13,925	14,600	15,796	16,584	17,222
Motion pictures	1,593	1,544	1,413	1,236	1,255	1,233	2,099	2,483	2,865	2,712	3,431	3,898
Health services	183,899	199,101	220,457	254,956	278,106	296,787	264,773	296,999	317,843	364,327	413,522	448,344
Legal services	18,686	20,353	22,348	22,627	27,460	31,055	44,737	52,517	60,908	61,285	70,878	76,015
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	30,824	32,066	33,945	35,938	39,402	43,798
Social services	15,682	16,936	18,653	21,074	22,907	26,076	15,984	17,078	19,203	21,074	23,124	26,045
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	19,121	18,804	19,150	21,201	23,300	24,537	33,583	34,281	31,276	32,302	34,469	36,688
Miscellaneous services	38,483	43,131	49,005	52,233	58,878	68,386	45,599	49,838	53,410	55,801	55,628	63,246
Government and government enterprises	197,335	210,211	226,391	243,908	256,477	270,210	547,154	589,119	607,682	646,936	674,690	719,186
Federal, civilian	30,606	33,170	34,286	36,626	39,791	40,829	108,359	114,033	112,641	121,936	124,660	129,295
Military	7,266	7,937	9,107	9,620	9,889	10,282	95,224	101,347	102,835	109,547	109,019	114,941
State and local	159,463	169,104	182,998	197,662	206,797	219,099	343,571	373,739	392,206	415,453	441,011	474,950

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Springfield, IL (MSA)						Springfield, MO (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,530,594**	**2,679,033**	**2,844,237**	**3,077,287**	**3,291,719**	**3,483,926**	**2,554,357**	**2,749,354**	**2,964,502**	**3,157,926**	**3,388,102**	**3,653,277**
Nonfarm personal income	2,472,996	2,608,191	2,792,044	3,021,117	3,253,511	3,413,018	2,540,244	2,735,509	2,946,731	3,141,123	3,368,407	3,632,846
Farm income[1]	57,598	70,842	52,193	56,170	38,208	70,908	14,113	13,845	17,771	16,803	19,695	20,431
Population (thousands)[2]	189.9	190.4	189.7	190.3	191.7	192.4	217.0	221.3	226.3	230.9	234.3	238.0
Per capita personal income (dollars)	**13,329**	**14,069**	**14,993**	**16,168**	**17,169**	**18,103**	**11,773**	**12,425**	**13,099**	**13,676**	**14,463**	**15,353**
Derivation of total personal income:												
Total earnings by place of work	1,874,302	1,993,332	2,165,625	2,398,855	2,551,693	2,649,846	1,961,171	2,107,265	2,285,944	2,448,047	2,628,428	2,794,170
Less: Personal contributions for social insurance[3]	111,006	122,937	137,637	149,795	167,618	179,015	115,367	130,865	142,609	153,109	172,395	190,859
Plus: Adjustment for residence	−75,441	−80,341	−109,112	−126,437	−121,096	−129,377	−136,953	−142,754	−158,916	−166,035	−164,514	−167,551
Equals: Net earnings by place of residence	1,687,855	1,790,054	1,918,876	2,122,623	2,262,979	2,341,454	1,708,851	1,833,646	1,984,419	2,128,903	2,291,519	2,435,760
Plus: Dividends, interest, and rent[4]	447,267	460,397	475,786	473,933	514,276	589,647	478,131	511,320	541,370	561,427	600,158	687,490
Plus: Transfer payments	395,472	428,582	449,575	480,731	514,464	552,825	367,375	404,388	438,713	467,596	496,425	530,027
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,492,015	1,585,776	1,746,069	1,923,393	2,053,194	2,103,112	1,551,096	1,664,176	1,786,188	1,887,481	2,015,022	2,139,330
Other labor income	128,981	132,037	146,440	161,537	171,277	169,209	144,922	150,208	164,186	169,412	178,987	192,692
Proprietors' income[5]	253,306	275,519	273,116	313,925	327,222	377,525	265,153	292,881	335,570	391,154	434,419	462,148
Farm	49,290	62,494	43,878	47,365	29,386	61,907	10,983	10,853	14,886	13,862	16,831	17,634
Nonfarm	204,016	213,025	229,238	266,560	297,836	315,618	254,170	282,028	320,684	377,292	417,588	444,514
Earnings by industry:												
Farm	57,598	70,842	52,193	56,170	38,208	70,908	14,113	13,845	17,771	16,803	19,695	20,431
Nonfarm	1,816,704	1,922,490	2,113,432	2,342,685	2,513,485	2,578,938	1,947,058	2,093,420	2,268,173	2,431,244	2,608,733	2,773,739
Private	1,287,218	1,360,238	1,499,062	1,684,068	1,807,548	1,823,580	1,712,888	1,845,126	2,001,953	2,145,221	2,293,856	2,439,907
Agricultural services, forestry, fisheries, and other[7]	6,125	4,919	4,582	8,946	9,375	10,101	17,315	15,075	13,381	29,980	29,121	30,066
Agricultural services	5,825	4,767	4,543	8,874	9,321	10,058	16,952	14,850	13,305	29,917	29,084	30,041
Forestry, fisheries, and other[7]	300	152	(L)	72	54	(L)	363	225	76	63	(L)	(L)
Mining	5,132	6,432	3,384	3,807	4,307	4,316	4,538	5,911	3,822	3,800	4,774	4,643
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	142	124	115	(L)	(L)	51
Oil and gas extraction	3,661*	4,970*	2,094*	2,383*	2,705*	2,656*	2,456	3,507	1,069	(D)	(D)	(D)
Metal mining	0	0	0	(D)	(D)	0	(D)	(D)	(D)	0	0	0
Nonmetallic minerals, except fuels	724	683	751	874	995	1,163	(D)	(D)	(D)	(D)	(D)	(D)
Construction	115,728	109,826	116,918	132,332	148,165	149,877	111,018	131,856	152,068	162,419	171,697	165,927
Manufacturing	115,604	114,777	101,171	100,862	107,785	112,024	412,351	431,590	467,909	461,874	482,660	499,034
Nondurable goods	56,480	61,467	59,868*	57,804*	53,175*	53,201*	196,792	208,457	227,235	217,049	225,865	238,794
Food and kindred products	26,651*	27,369*	26,693*	24,143*	24,842*	24,007*	90,057	95,441	109,795	103,238	106,625	111,144
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	1,179	(D)	(D)	(D)	(D)	(D)	11,764
Paper and allied products	0	0	0	0	0	0	39,879*	(D)	(D)	39,354*	41,579*	40,523*
Printing and publishing	15,710*	18,590*	19,188*	20,301*	21,208*	21,742*	19,696	21,598	23,388	25,757	29,425	34,004
Chemicals and allied products	(D)	11,931	11,313	(D)	4,895	2,608	11,402	12,760	14,771*	16,886*	17,081*	19,019*
Petroleum and coal products	(D)	285	216	199	192	215	(D)	156	190	159	158	375
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,244	2,382	1,777	1,327	1,244	3,450	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	0	0	0	0
Durable goods	59,124	53,310	39,354*	41,274*	53,952*	58,377*	215,559	223,133	240,674	244,825	256,795	260,240
Lumber and wood products	1,609	1,410	1,652	1,679*	1,654*	1,704*	8,070	9,273	11,520	11,933	11,977	12,663
Furniture and fixtures	1,162	(D)	(D)	(D)	1,682	1,720	5,768*	6,317*	6,877*	7,768*	(D)	7,446
Primary metal industries	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,296	3,220	3,049	3,206	3,976	6,651	12,831*	16,013*	18,018*	19,247*	18,371*	21,974
Machinery, except electrical	(D)	18,698	5,017	4,700	6,433	6,427*	36,963	41,223	44,746	43,879	52,417	58,283
Electric and electronic equipment	(D)	(D)	14,414*	15,313*	24,436*	25,105*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	0	0	(D)	(D)	20,692*	21,430*	22,411*	26,425*	26,061*	26,952*
Stone, clay, and glass products	2,535*	2,176*	2,883	3,086	3,357	3,714	7,891*	9,311*	13,709	12,835	11,875	11,119
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	832	1,278	1,500	880	717	1,228
Miscellaneous manufacturing industries	(D)	603	745	(D)	1,262	(D)	3,427*	3,860*	4,432	5,235	5,244*	5,297
Transportation and public utilities	131,995	146,571	185,822	227,008	246,063	167,750	200,329	199,655	202,980	209,781	216,999	228,478
Railroad transportation	4,689	(D)	(D)	(D)	3,026	2,657	63,313	53,963	50,207	46,217	47,044	47,613
Trucking and warehousing	19,946	30,147	36,505	39,273	44,856	46,412	87,759	91,403	91,038	103,290	110,910	116,545
Water transportation	−108	−62	−84	(L)	(L)	(L)	(D)	(D)	0	(D)	(D)	(D)
Other transportation[6]	6,946*	(D)	(D)	(D)	(D)	(D)	8,206*	(D)	14,753*	(D)	(D)	(D)
Communication	65,893*	68,598*	100,885*	142,088*	(D)	(D)	34,353*	36,702*	36,842*	36,070*	33,794*	33,752*
Electric, gas, and sanitary services	34,510	37,149	37,126	33,313	35,952	37,527	(D)	7,116	8,889	7,353	(D)	11,195
Wholesale trade	98,555	98,416	101,915	116,553	132,618	141,326	168,217	181,283	186,883	204,877	224,382	240,343
Retail trade	177,427	186,650	206,810	241,460	255,032	275,594	242,275	258,431	267,870	291,827	314,031	329,832
Finance, insurance, and real estate	158,586	163,838	181,264	213,657	210,150	210,255	83,607	90,410	105,101	116,817	120,346	130,193
Banking and credit agencies	44,026*	46,112	53,147	55,727	54,816*	51,944*	31,826	34,148	38,278	37,271*	40,723*	42,027*
Other finance, insurance, and real estate[8]	112,275*	117,726	128,117	157,930	152,513*	155,310*	51,781	56,262	66,823	73,463*	73,333*	80,710*
Services	478,066	528,809	597,196	639,443	694,053	752,337	473,238	530,915	601,939	663,846	729,846	811,391
Hotels and other lodging places	10,393*	13,678*	16,086*	19,033*	16,449	16,126	8,496*	11,606*	11,284	11,952*	13,260*	12,308*
Personal services	24,193	30,105	33,831	33,449	39,197	44,967	25,337	31,670	34,582	40,888	43,095	46,775
Private households	7,553	7,565	7,518	11,419	11,949*	12,648	5,937	5,973	5,972	5,914*	6,327	6,622
Business services	72,507	82,806	102,353	110,164	119,254	127,602	77,658	94,817	106,478	117,939	127,303	140,919
Auto repair, services, and garages	14,121	16,352	17,768	18,716	19,217	20,010	29,826	33,773	39,466	41,892	40,485	45,540
Miscellaneous repair services	(D)	(D)	(D)	(D)	(D)	(D)	9,360	7,196	8,346	9,178	10,809	11,663
Amusement and recreation services	6,460	7,418	8,361	6,376	6,871	7,677	5,255	5,872	6,994	7,855	8,846	10,342
Motion pictures	2,386	2,792	3,743	4,025	5,280	5,230	843	745	695	556	590	968
Health services	222,707	234,880	256,213	279,753	288,349	308,581	216,584	233,601	261,593	290,017	326,095	365,851
Legal services	23,882	27,146	30,453	31,602	36,795	42,355	25,840	31,220	37,066	36,640	42,351	46,112
Educational services	6,821	7,708	8,071	9,072	13,119	14,253	(D)	(D)	(D)	(D)	(D)	(D)
Social services	15,640*	21,208*	25,548*	20,800*	28,506*	33,606	9,295	9,391	9,493	10,086	11,591	13,489
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	34,103	37,524	40,276	44,143	49,243	53,631	12,475*	12,789*	14,826	16,342	18,188	19,002
Miscellaneous services	32,694	35,516	41,927	45,591	52,745	58,033	33,285	38,434	50,671	58,775	64,238	73,402
Government and government enterprises	529,486	562,252	614,370	658,617	705,937	755,358	234,170	248,294	266,220	286,023	314,877	333,832
Federal, civilian	57,051	59,689	59,869	62,897	68,777	73,064	46,960	49,998	50,607	55,325	62,969	66,412
Military	3,829	6,187	6,470	5,564	5,710	5,431	8,011	8,739	9,659	10,296	10,901	11,317
State and local	468,606	496,376	548,031	590,156	631,450	676,863	179,199	189,557	205,954	220,402	241,007	256,103

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Springfield, MA (NECMA)						State College, PA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**7,541,995**	**8,014,299**	**8,623,616**	**9,389,821**	**10,308,991**	**11,010,327**	**1,193,228**	**1,265,067**	**1,356,900**	**1,485,645**	**1,623,483**	**1,780,951**
Nonfarm personal income	7,518,984	7,992,720	8,589,115	9,357,368	10,274,365	10,977,021	1,180,086	1,256,188	1,347,725	1,475,249	1,611,307	1,766,943
Farm income[1]	23,011	21,579	34,501	32,453	34,626	33,306	13,142	8,879	9,175	10,396	12,176	14,008
Population (thousands)[2]	584.2	585.3	581.9	587.8	592.3	594.5	113.3	114.2	113.6	114.7	115.7	116.1
Per capita personal income (dollars)	**12,909**	**13,692**	**14,821**	**15,976**	**17,405**	**18,519**	**10,527**	**11,074**	**11,941**	**12,957**	**14,037**	**15,345**
Derivation of total personal income:												
Total earnings by place of work	4,829,106	5,201,992	5,648,037	6,252,713	6,877,343	7,170,046	925,253	970,690	1,041,874	1,167,250	1,282,514	1,414,582
Less: Personal contributions for social insurance[3]	274,874	309,355	349,809	367,571	420,908	456,359	53,812	57,409	65,387	69,229	78,784	89,633
Plus: Adjustment for residence	344,952	365,268	401,732	436,560	457,888	452,435	−46,972	−51,241	−52,529	−64,235	−72,475	−91,154
Equals: Net earnings by place of residence	4,899,184	5,257,905	5,699,960	6,321,702	6,914,323	7,166,122	824,469	862,040	923,958	1,033,786	1,131,255	1,233,795
Plus: Dividends, interest, and rent[5]	1,261,435	1,313,942	1,365,658	1,423,815	1,598,324	1,820,991	173,372	189,243	203,884	214,144	236,255	272,076
Plus: Transfer payments	1,381,376	1,442,452	1,557,998	1,644,304	1,796,344	2,023,214	195,387	213,784	229,058	237,715	255,973	275,080
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,996,329	4,305,578	4,654,414	5,137,533	5,632,262	5,858,085	731,518	769,339	829,846	922,422	1,009,410	1,117,014
Other labor income	414,625	421,647	452,526	487,373	531,515	557,561	82,717	84,790	89,420	98,857	111,550	125,225
Proprietors' income[6]	418,152	474,767	541,097	627,807	713,566	754,400	111,018	116,561	122,608	145,971	161,554	172,343
Farm	16,540	15,275	28,340	26,037	28,217	26,853	10,965	6,705	7,004	8,073	9,816	11,582
Nonfarm	401,612	459,492	512,757	601,770	685,349	727,547	100,053	109,856	115,604	137,898	151,738	160,761
Earnings by industry:												
Farm	23,011	21,579	34,501	32,453	34,626	33,306	13,142	8,879	9,175	10,396	12,176	14,008
Nonfarm	4,806,095	5,180,413	5,613,536	6,220,260	6,842,717	7,136,740	912,111	961,811	1,032,699	1,156,854	1,270,338	1,400,574
Private	4,014,360	4,293,904	4,668,332	5,184,434	5,713,122	5,947,886	572,980	605,493	649,162	735,071	809,117	901,255
Agricultural services, forestry, fisheries, and other[7]	14,291	16,892	19,899	25,285	27,826	30,403	3,618	3,669	3,823	5,701	6,208	6,699
Agricultural services	13,521	16,043	18,969	24,352	26,791	29,389	3,122	3,339	3,690	5,566	6,119	6,632
Forestry, fisheries, and other[7]	770	849	930	933	1,035	1,014	496	330	133	135	89	67
Mining	12,292	16,656	9,037	8,364	10,493	11,923	16,134	12,391	9,561	7,345	7,803	18,088
Coal mining	(D)	(D)	(D)	(L)	(L)	(L)	12,746	9,159	7,910	6,142	5,845	16,452
Oil and gas extraction	8,636	12,049	3,455	(D)	(D)	(D)	2,335	2,646	914	897	1,546	1,477
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	3,586*	4,502*	5,547*	4,525*	4,783*	(D)	1,053	586	737	306	412	159
Construction	250,597	296,397	359,774	455,674	518,060	497,648	44,867	50,341	59,021	74,500	84,839	103,786
Manufacturing	1,387,647	1,397,337	1,426,965	1,468,325	1,536,619	1,551,271	162,282	164,050	164,863	172,353	189,893	204,074
Nondurable goods	624,890	634,125	652,699	697,905	723,136	727,605	40,191	43,136	44,689	41,052	41,358	42,340
Food and kindred products	(D)	(D)	59,588	62,612	63,728	61,840	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	21,371	17,631	15,379	15,847	14,560	9,388	14,770	15,111	14,193	13,810	13,828	14,105
Paper and allied products	201,327	206,473	219,583	237,151	251,548	249,440	0	0	0	0	0	(D)
Printing and publishing	117,093	124,683	138,694	153,992	160,703	168,585	9,978	11,513	12,900	13,602	14,368	14,087
Chemicals and allied products	98,920	102,105	96,205	95,309	97,000	97,773	5,113	6,032	6,403	6,575	6,880	(D)
Petroleum and coal products	4,442*	5,493*	4,079	5,486	5,106	3,584	0	0	0	0	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	7,013	6,700	6,775	1,681	(D)	(D)
Rubber and misc. plastic products	73,053	70,171	75,108	84,802	89,039	95,712	(D)	(D)	(D)	(D)	1,801	2,291
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	762,757	763,212	774,266	770,420	813,483	823,666	122,091	120,914	120,174	131,301	148,535	161,734
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	19,534	1,160	1,372	1,032	1,346	1,479	1,506
Furniture and fixtures	6,900	6,321*	8,589	9,712	10,343	8,987	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	49,067	48,429	51,739	51,696	52,393	56,123	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	193,952	185,664	185,458	200,823	204,820	205,615	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	199,998*	219,687	220,614	210,239	228,267	227,556	14,432	15,547	15,547	16,165	18,378	20,277
Electric and electronic equipment	74,777*	75,511*	82,925	82,434	89,770	90,149	25,799	23,861	22,947	27,433	36,268	44,180
Transportation equip. excl. motor vehicles	24,521*	21,431*	25,880*	24,690*	24,475*	30,829*	0	0	0	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	2,637	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	15,222*	(D)	(D)	14,319	36,967	37,390	38,548	42,827	48,360	47,911
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	13,959	15,180	15,616	17,558	19,975	22,726
Miscellaneous manufacturing industries	101,916	102,767	111,288	109,603*	123,701*	123,137*	189	196	164	101	(D)	(D)
Transportation and public utilities	260,432	273,631	278,413	305,606	327,319	335,107	43,483	43,672	42,760	49,254	55,048	62,467
Railroad transportation	12,223	10,563	9,848	(D)	(D)	10,040*	1,186	995	941	874	(D)	(D)
Trucking and warehousing	87,691	93,459	92,329	100,010	106,195	109,346	23,803	23,680	22,588	26,124	28,399	32,578
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	0	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,422	(D)	(D)
Communication	70,237	72,511	74,840	83,748	85,944	82,403	9,970	10,451	9,964	13,230	15,259	17,683
Electric, gas, and sanitary services	50,006	54,641	57,304	61,016	70,300	73,253	(D)	(D)	(D)	4,606	5,364	5,467
Wholesale trade	257,314	258,610	289,697	333,145	385,634	389,709	20,298	18,283	16,617	20,651	24,030	27,775
Retail trade	490,539	539,833	598,028	659,797	731,539	765,615	87,215	87,191	94,223	104,784	118,188	129,973
Finance, insurance, and real estate	291,846	317,157	363,767	444,114	474,670	481,853	27,664	30,358	35,734	51,444	47,973	50,739
Banking and credit agencies	87,116	(D)	(D)	(D)	128,014	132,407	13,074	14,476	16,729	17,886	18,836	20,128
Other finance, insurance, and real estate[9]	204,730	211,167*	244,051*	306,438*	346,656	349,446	14,590	15,882	19,005	33,558	29,137	30,611
Services	1,049,402	1,177,391	1,322,752	1,484,124	1,700,962	1,884,357	167,419	195,538	222,560	249,039	275,135	297,654
Hotels and other lodging places	17,233	18,378	19,440	21,693	27,600	27,462	5,555	6,043	6,972	9,564	9,830	10,867
Personal services	49,255	61,085	66,597	72,377	85,355	97,267	7,807	10,074	12,150	14,100	16,496	18,690
Private households	9,196	9,238	9,197	9,187	9,705	10,157	1,418	1,415	1,410	1,409	1,486	1,554
Business services	124,865	148,473	171,146	190,631	224,239	243,742	68,426	83,832	96,727	104,464	110,538	111,756
Auto repair, services, and garages	47,910	56,014	65,687	70,562	75,744	79,689	6,398	6,659	6,914	7,353	8,000	9,225
Miscellaneous repair services	17,084	18,582	21,931	23,625	27,403	31,483	2,543	2,030	2,102	2,171	2,533	2,753
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	31,324	2,068	2,378	2,708	3,113	3,906	4,125
Motion pictures	2,959	3,119	3,243	(D)	3,089	3,131	224	338	278	307	407	468
Health services	419,459	456,715	496,826	565,050	648,194	724,344	42,513	50,182	55,332	63,576	71,416	80,136
Legal services	63,099	71,574	83,440	95,314	113,173	126,898	4,932	5,316	5,960	6,686	7,675	8,442
Educational services	125,503	136,384	151,119	159,812	168,841	182,527	2,570	2,632	2,649	2,882	3,023	3,266
Social services	62,641	73,593	83,553	98,203	108,877	123,768	3,783	4,356	4,955	5,294	6,251	7,225
Museums, botanical, zoological gardens	469*	664*	806*	(D)	(D)	646	0	0	0	0	0	0
Membership organizations	39,181	39,758	43,571	48,715	56,162	60,160	8,167	8,395	9,059	9,798	10,706	11,597
Miscellaneous services	52,908	64,003	84,342	100,553	124,487	141,759	11,015	11,888	15,344	18,322	22,868	27,550
Government and government enterprises	791,735	886,509	945,204	1,035,826	1,129,595	1,188,854	339,131	356,318	383,537	421,783	461,221	499,319
Federal, civilian	154,080	168,567	171,150	181,437	197,314	218,884	10,721	11,039	10,998	11,557	12,535	13,243
Military	16,719	17,110	19,262	19,755	20,686	21,680	4,981	5,737	8,457	7,586	7,549	7,856
State and local	620,936	700,832	754,792	834,634	911,595	948,290	323,429	339,542	364,082	402,640	441,137	478,220

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Steubenville—Weirton, OH—WV (MSA)						Stockton, CA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,651,768**	**1,665,626**	**1,741,736**	**1,771,402**	**1,880,476**	**2,012,607**	**4,813,954**	**5,215,057**	**5,619,447**	**5,997,755**	**6,498,626**	**6,998,351**
Nonfarm personal income	1,648,316	1,662,500	1,738,728	1,767,561	1,877,965	2,009,676	4,602,356	5,002,788	5,368,682	5,741,807	6,212,855	6,732,036
Farm income[1]	3,452	3,126	3,008	3,841	2,511	2,931	211,598	212,269	250,765	255,948	285,771	266,315
Population (thousands)[2]	157.8	156.8	150.9	148.8	147.7	144.8	397.9	414.9	429.4	443.8	455.7	470.9
Per capita personal income (dollars)	**10,467**	**10,620**	**11,542**	**11,904**	**12,732**	**13,899**	**12,099**	**12,569**	**13,087**	**13,514**	**14,260**	**14,861**
Derivation of total personal income:												
Total earnings by place of work	1,197,225	1,172,903	1,260,503	1,282,789	1,375,025	1,466,306	3,199,957	3,463,454	3,774,600	4,104,870	4,435,100	4,683,439
Less: Personal contributions for social insurance[3]	73,247	76,053	82,150	83,743	93,651	104,250	178,313	203,103	222,793	242,800	272,448	302,257
Plus: Adjustment for residence	−114,894	−99,840	−123,353	−124,122	−146,969	−164,095	16,175	19,055	15,372	7,876	8,731	16,128
Equals: Net earnings by place of residence	1,009,084	997,010	1,055,000	1,074,924	1,134,405	1,197,961	3,037,819	3,279,406	3,567,179	3,869,946	4,171,383	4,397,310
Plus: Dividends, interest, and rent[5]	289,253	291,290	301,142	291,198	312,113	353,781	808,641	865,254	905,818	916,721	1,020,709	1,189,769
Plus: Transfer payments	353,431	377,326	385,594	405,280	433,958	460,865	967,494	1,070,397	1,146,450	1,211,088	1,306,534	1,411,272
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	968,879	951,438	1,018,677	1,037,820	1,113,013	1,181,130	2,431,594	2,647,371	2,863,483	3,107,836	3,327,365	3,535,620
Other labor income	146,384	139,051	153,267	153,088	163,830	179,098	244,772	255,708	278,169	300,574	329,067	355,081
Proprietors' income[6]	81,962	82,414	88,559	91,881	98,182	106,078	523,591	560,375	632,948	696,460	778,668	792,738
Farm	2,820	2,506	2,397	3,199	1,870	2,285	136,335	138,687	178,859	176,707	203,537	180,096
Nonfarm	79,142	79,908	86,162	88,682	96,312	103,793	387,256	421,688	454,089	519,753	575,131	612,642
Earnings by industry:												
Farm	3,452	3,126	3,008	3,841	2,511	2,931	211,598	212,269	250,765	255,948	285,771	266,315
Nonfarm	1,193,773	1,169,777	1,257,495	1,278,948	1,372,514	1,463,375	2,988,359	3,251,185	3,523,835	3,848,922	4,149,329	4,417,124
Private	1,095,367	1,065,929	1,149,897	1,168,267	1,257,587	1,346,756	2,400,430	2,603,208	2,810,672	3,084,873	3,348,378	3,566,684
Agricultural services, forestry, fisheries, and other[7]	1,261	1,097	981*	(D)	1,623*	1,574*	56,603	53,516	49,421	70,230	73,070	72,846
Agricultural services	1,205	1,063	959*	(D)	1,605*	1,560*	56,341	53,180	49,006	69,966	72,737	72,508
Forestry, fisheries, and other[7]	56	(L)	(L)	(L)	(L)	(L)	262	336	415	264	333	338
Mining	49,232	49,787	49,516	(D)	40,692	39,664	9,192	11,227	5,424	5,265	6,685	7,051
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	7,274	(D)	(D)	(D)	(D)	5,242
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,921	(D)	(D)	(D)	(D)	(D)
Construction	57,188	47,875	45,098	42,067	47,497	56,503	250,697	275,845	326,793	336,931	355,589	387,030
Manufacturing	584,102	547,687	615,635	620,694	682,379	745,989	516,761	568,919	594,916	645,436	712,204	720,232
Nondurable goods	47,669	45,748	47,031	45,842	47,821	46,404	284,724	313,583	327,081	358,891	400,926	396,539
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	206,905	222,591	229,905	246,548	277,710	278,526
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	874	(D)
Apparel and other textile products	0	0	0	0	0	(D)	10,306	9,438	10,239	11,912	12,846	12,516
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	16,967	21,184	23,027	28,376	30,951	32,050
Printing and publishing	(D)	3,887*	3,921*	4,293*	4,210*	4,393*	21,204	21,622	23,765	26,548	28,133	28,948
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	15,865	16,696	14,842	16,296	20,045	20,695
Petroleum and coal products	10,468	10,828*	10,963*	11,109*	13,350*	11,850	(D)	(D)	(D)	(D)	951	998
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	12,590	20,561	23,381	27,358	29,416	22,352
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	(D)
Durable goods	536,433	501,939	568,604	574,852	634,558	699,585	232,037	255,336	267,835	286,545	311,278	323,693
Lumber and wood products	1,738	1,768	1,918*	2,189*	2,342*	2,362*	52,040	50,846	51,145	54,611	59,208	55,632
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	11,624	13,726	16,629	18,577	19,709	19,645
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	8,969	7,201	7,198	7,999	8,598	7,185
Fabricated metal products	16,421	(D)	(D)	28,523	33,923	(D)	32,229	40,860	46,720	51,768	64,162	73,035
Machinery, except electrical	(D)	(D)	(D)	(D)	534*	911*	27,881	26,720	29,407	30,588	32,991	36,069
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	33,562	34,362	29,705	34,771	48,362	41,628
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	10,856	10,811	8,933	6,330	7,248	8,368
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	11,386	9,625	13,221	16,332
Stone, clay, and glass products	30,519*	(D)	22,619*	(D)	(D)	(D)	40,253	51,940	56,304	58,252	46,823	54,909
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,673	4,118	1,111	617
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	6,464	6,904	7,735	9,906	9,845	10,273
Transportation and public utilities	107,778	110,062	111,238	112,374	117,552	116,131	272,409	282,561	291,180	310,617	334,302	349,461
Railroad transportation	11,878	11,304	9,861	7,006	7,961	8,737	36,948	36,187	35,008	34,643	32,418	31,460
Trucking and warehousing	24,624	23,515	24,961	25,907	25,646	25,884	122,177	126,256	130,461	140,633	153,476	165,364
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	7,814	8,379	7,493	8,341	8,717	9,749
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	10,629*	12,104*	10,268*	11,024*	12,008*	6,315*	52,524	49,769	50,861	56,644	61,781	57,454
Electric, gas, and sanitary services	59,397*	61,998*	64,349*	66,292*	69,584*	72,702*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	23,355	25,554	24,696*	24,416*	26,477*	29,173*	211,250	231,659	236,656	245,954	264,375	297,895
Retail trade	92,204	94,172	97,240	96,473	101,942	106,749	328,118	343,684	373,663	396,416	436,436	462,071
Finance, insurance, and real estate	22,002	23,642	24,216	34,571	30,846	31,728	165,172	181,570	205,020	261,245	271,835	294,243
Banking and credit agencies	12,981*	14,467*	15,189*	15,568*	15,402*	16,807*	(D)	90,436	103,039	115,852	118,381	121,775
Other finance, insurance, and real estate[9]	(D)	(D)	6,832*	(D)	12,869*	(D)	(D)	91,134	101,981	145,393	153,454	172,468
Services	158,245	166,053	179,027	191,544	206,960	215,885	590,228	654,227	727,599	812,779	893,882	975,855
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,269	7,219	8,623	9,192	8,883	9,467
Personal services	9,029	10,120	10,642	10,634	12,550	14,004	31,172	39,329	43,061	42,240	46,012	50,964
Private households	1,298	1,294	1,282	1,269	1,326	1,377	12,092	12,353	12,573	12,804	13,804	14,771
Business services	7,160	7,569	8,845	12,072	12,854	12,672	91,129	104,372	111,992	126,832	137,756	161,453
Auto repair, services, and garages	5,805	6,735	7,281	7,271	7,567	7,770	47,809	52,071	49,121	50,987	54,225	61,648
Miscellaneous repair services	1,923	1,999	2,486	3,195	3,267	3,025	19,740	17,626	22,207	22,780	25,404	25,835
Amusement and recreation services	6,450	7,597	7,853	(D)	(D)	(D)	10,272	11,361	12,713	12,872	14,820	16,436
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	81,070	83,319	86,218	96,632	102,808	106,205	226,519	248,869	276,657	326,306	357,702	377,728
Legal services	8,311	8,707	9,387	9,096	10,114	10,750	27,144	28,011	36,888	38,237	43,012	47,728
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	32,140	34,555	36,970	41,723	45,622	48,892
Social services	3,500	3,934	4,013	4,347	4,353	4,723	17,168	22,439	26,296	30,077	35,709	39,668
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,914	9,491	9,632	10,325	11,366	11,924	29,020	31,719	35,057	36,818	41,129	44,085
Miscellaneous services	13,540	14,721	19,895	16,381	19,328	21,456	38,575	42,930	53,958	60,445	67,865	75,067
Government and government enterprises	98,406	103,848	107,598	110,681	114,927	116,619	587,929	647,977	713,163	764,049	800,951	850,440
Federal, civilian	11,011	11,909	11,665	12,061	12,917	13,181	132,396	146,191	150,987	156,966	160,413	167,317
Military	2,180	2,359	2,569	2,595	2,694	2,710	14,406	16,320	17,169	17,019	16,931	17,410
State and local	85,215	89,580	93,364	96,025	99,316	100,728	441,127	485,466	545,007	590,064	623,607	665,713

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Syracuse, NY (MSA)						Tacoma, WA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**8,334,115**	**8,764,569**	**9,198,665**	**9,697,142**	**10,506,835**	**11,372,231**	**6,331,703**	**6,764,806**	**7,149,363**	**7,607,937**	**8,184,314**	**8,915,877**
Nonfarm personal income	8,302,421	8,734,111	9,161,768	9,655,703	10,468,636	11,323,074	6,313,133	6,744,528	7,120,464	7,576,061	8,148,934	8,877,477
Farm income[1]	31,694	30,458	36,897	41,439	38,199	49,157	18,570	20,278	28,899	31,876	35,380	38,400
Population (thousands)[2]	645.7	649.0	647.2	645.2	650.3	650.2	518.1	525.8	533.8	544.2	559.1	573.5
Per capita personal income (dollars)	**12,906**	**13,504**	**14,212**	**15,029**	**16,157**	**17,490**	**12,221**	**12,865**	**13,394**	**13,981**	**14,638**	**15,546**
Derivation of total personal income:												
Total earnings by place of work	6,369,360	6,807,676	7,131,313	7,544,190	8,160,251	8,740,723	3,896,466	4,130,739	4,350,129	4,629,099	4,984,242	5,309,117
Less: Personal contributions for social insurance[3]	409,976	459,541	500,995	522,307	584,945	643,231	222,473	245,955	265,888	285,645	318,400	351,069
Plus: Adjustment for residence	−151,890	−185,004	−205,912	−195,399	−216,226	−232,043	613,211	650,809	705,778	785,191	852,927	976,917
Equals: Net earnings by place of residence	5,807,494	6,163,131	6,424,406	6,826,484	7,359,080	7,865,449	4,287,204	4,535,593	4,790,019	5,128,645	5,518,769	5,934,965
Plus: Dividends, interest, and rent[5]	1,219,671	1,237,916	1,318,159	1,342,326	1,524,249	1,741,478	895,853	971,234	1,036,484	1,064,951	1,145,623	1,342,582
Plus: Transfer payments	1,306,950	1,363,522	1,456,100	1,528,332	1,623,506	1,765,304	1,148,646	1,257,979	1,322,860	1,414,341	1,519,922	1,638,330
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,324,247	5,695,715	5,955,819	6,241,753	6,735,442	7,211,606	3,292,596	3,490,728	3,666,047	3,869,929	4,142,542	4,391,284
Other labor income	569,690	573,566	600,179	601,491	629,783	675,497	238,458	236,304	244,090	250,808	272,296	301,236
Proprietors' income[6]	475,423	538,395	575,315	700,946	795,026	853,620	365,412	403,707	439,992	508,362	569,404	616,597
Farm	19,518	18,265	24,709	28,490	25,114	35,700	10,531	12,313	20,990	23,513	26,955	29,813
Nonfarm	455,905	520,130	550,606	672,456	769,912	817,920	354,881	391,394	419,002	484,849	542,449	586,784
Earnings by industry:												
Farm	31,694	30,458	36,897	41,439	38,199	49,157	18,570	20,278	28,899	31,876	35,380	38,400
Nonfarm	6,337,666	6,777,218	7,094,416	7,502,751	8,122,052	8,691,566	3,877,896	4,110,461	4,321,230	4,597,223	4,948,862	5,270,717
Private	5,425,296	5,803,751	6,067,179	6,382,800	6,898,771	7,332,657	2,622,991	2,747,820	2,921,277	3,124,698	3,407,990	3,669,896
Agricultural services, forestry, fisheries, and other[7]	12,556	14,959	16,390	20,941	24,399	26,834	20,301	24,797	24,659	30,229	36,255	38,428
Agricultural services	11,848	13,976	15,422	20,113	23,374	25,923	13,522	12,645	12,633	18,950	21,170	22,375
Forestry, fisheries, and other[7]	708	983	968	828	1,025	911	6,779	12,152	12,026	11,279	15,085	16,053
Mining	20,169	24,122	11,241	11,320	15,697	16,947	7,899	10,296	4,747	5,012	7,396	8,089
Coal mining	74	55	58	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,538	8,288	2,531	2,678	4,350	4,619
Metal mining	(L)	(L)	(L)	169	169	185	(L)	(L)	0	0	(L)	0
Nonmetallic minerals, except fuels	10,486*	(D)	6,830*	6,793*	7,707*	8,282*	2,362	2,008	2,213	2,333	3,037	3,468
Construction	570,636	591,239	559,902	513,145	550,279	594,740	265,464	258,324	285,498	307,466	348,994	375,977
Manufacturing	1,733,391	1,791,003	1,789,168	1,756,603	1,828,802	1,897,472	583,079	591,033	591,426	568,627	614,039	652,073
Nondurable goods	525,203	544,530	534,569	519,705	589,672	615,806	215,173	224,880	225,624	228,829	245,831	263,119
Food and kindred products	218,656	220,901	226,649	239,858	229,927	238,462	56,177	54,272	57,573	60,314	64,319	73,248
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	12,460	(D)	(D)	(D)	15,165	(D)
Paper and allied products	50,356	52,760	56,937	62,228	66,282	80,994	55,460	64,594	58,166	56,080	58,101	59,155
Printing and publishing	62,443	68,060	76,444	85,260	88,971	93,874	36,927	39,060	41,251	43,218	45,968	51,218
Chemicals and allied products	147,327	155,299	122,148*	82,290*	76,587*	78,220*	24,668	27,595	25,825	25,959	28,549	28,314
Petroleum and coal products	2,852	3,283	5,873	1,918	2,670	3,362	11,123	9,873	10,352	11,158	11,994	12,517
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	30,048*	31,497*	34,009*	35,782*	110,678*	107,248*	18,270	16,883	19,027	17,424	21,247	24,214
Leather and leather products	(D)	(D)	0	0	(D)	(D)	(D)	0	0	0	(D)	0
Durable goods	1,208,188	1,246,473	1,254,599	1,236,898	1,239,130	1,281,666	367,906	366,153	365,802	339,798	368,208	388,954
Lumber and wood products	12,994	15,938	(D)	(D)	17,642*	20,898	116,280	112,773	122,412	130,695	135,919	130,481
Furniture and fixtures	7,256*	(D)	4,862*	6,837*	8,416*	11,569	13,661	12,315	13,604	15,294	(D)	(D)
Primary metal industries	160,203	(D)	(D)	(D)	(D)	(D)	55,018	43,496	32,220	32,648	33,364	37,941
Fabricated metal products	55,209*	62,770*	63,216*	65,558	69,670*	69,242*	18,463	21,523	22,353	21,874	29,430	33,249
Machinery, except electrical	303,124	291,047	265,699	255,359	281,214	309,364	22,231	(D)	(D)	20,165	24,852	27,959
Electric and electronic equipment	359,989*	393,134	405,925*	388,244*	392,645*	410,350*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	(D)	(D)	(D)	(D)	(D)	57,009	36,969	37,163	48,790	52,804
Motor vehicles and equipment	198,665	210,366	222,201	218,456	(D)	(D)	(D)	(D)	8,702	9,632	8,080	8,310
Stone, clay, and glass products	46,345	47,168	49,876	54,106	59,619	(D)	26,275	29,224	32,539	34,355	37,116	38,393
Instruments and related products	44,827*	53,563*	54,240*	60,679*	68,008*	70,519*	(D)	(D)	(D)	(D)	966	2,028
Miscellaneous manufacturing industries	15,128*	(D)	18,069*	19,072*	19,683*	21,494*	6,184	6,294	7,035	8,281	8,577	8,033
Transportation and public utilities	513,078	554,522	(D)	(D)	(D)	(D)	214,399	219,715	241,393	271,351	294,053	311,893
Railroad transportation	19,529	19,936	18,747	17,881	18,105*	18,534	22,261	20,642	19,584	19,072	19,764	20,905
Trucking and warehousing	113,847	116,846	129,936	145,385	153,128	164,579	68,196	68,465	72,231	77,335	86,815	92,241
Water transportation	(D)	(D)	(D)	919*	(D)	(D)	(D)	(D)	(D)	62,351	69,848	78,091
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21,151	21,530	23,284
Communication	134,721	143,542	124,692	165,481	191,469	181,569	53,234	57,307	59,972	67,668	69,708	69,453
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	19,934	22,504	23,401	23,774	26,388	27,919
Wholesale trade	460,135	497,978	525,287	539,269	583,647	610,781	216,428	215,290	222,185	230,902	246,685	280,322
Retail trade	528,622	573,173	626,792	677,811	746,206	791,085	408,825	434,636	468,877	497,191	537,924	573,312
Finance, insurance, and real estate	371,650	403,142	444,442	507,695	540,404	561,511	167,340	167,729	188,615	227,005	226,563	224,768
Banking and credit agencies	91,555	93,675	106,592	104,289*	(D)	114,292*	71,596	79,996	91,737	100,124	109,870	103,646
Other finance, insurance, and real estate[9]	280,095	309,467	337,850	389,246*	404,959*	433,464*	95,744	87,733	96,878	126,881	116,693	121,122
Services	1,215,059	1,353,613	1,403,308*	1,582,896*	1,758,927*	1,920,264*	739,256	826,000	893,877	986,915	1,096,081	1,205,034
Hotels and other lodging places	(D)	28,280	30,967	31,777	32,499	34,321	13,180	14,498	14,090	15,150	14,402	13,231
Personal services	55,018	68,764	73,466	80,292	91,406	102,281	48,951	54,914	58,834	58,678	65,439	75,326
Private households	11,982	12,003	11,951	11,916	12,568	13,127	9,394	9,512	9,578	9,703	10,431	11,145
Business services	185,776	217,484	253,588	298,332	331,617	341,476	81,054	95,978	115,943	143,099	151,576	164,000
Auto repair, services, and garages	46,880	52,579	53,983	56,402	60,548	63,406	39,779	49,883	47,731	48,727	45,346	50,217
Miscellaneous repair services	21,164	21,465	23,586	26,614	33,303	34,424	15,983	14,861	15,801	16,075	21,051	24,698
Amusement and recreation services	20,361	22,724	25,875	27,575	29,401	31,906	17,503	20,266	22,633	25,466	28,805	30,319
Motion pictures	1,315	1,473*	(D)	(D)	2,924*	3,940*	2,069	1,807	1,679	1,701	1,571	2,190
Health services	375,237	414,143	442,906	518,101	578,616	646,403	291,674	322,099	344,689	388,661	443,907	491,365
Legal services	99,765	108,337	127,416	138,393	155,583	173,073	52,748	59,431	65,257	68,778	77,089	84,255
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	46,925	50,629	54,155	59,394	63,839	67,801
Social services	39,089	45,221	50,946	58,426	66,302	75,445	23,491	27,141	27,006	27,682	31,822	34,650
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	323	285	273	319	339	456
Membership organizations	54,792	58,096	56,843	63,603	69,794	73,906	45,269	47,168	46,288	48,180	54,491	57,296
Miscellaneous services	133,632	146,271	177,014	195,797	223,646	258,020	50,913	57,528	69,920	75,302	85,973	98,085
Government and government enterprises	912,370	973,467	1,027,237	1,119,951	1,223,281	1,358,909	1,254,905	1,362,641	1,399,953	1,472,525	1,540,872	1,600,821
Federal, civilian	114,411	118,971	116,200	123,864	131,299	142,996	233,368	242,960	239,229	257,059	264,831	291,877
Military	19,795	17,673	18,774	18,305	19,368	19,846	526,212	583,412	592,564	602,918	611,527	590,982
State and local	778,164	836,823	892,263	977,782	1,072,614	1,196,067	495,325	536,269	568,160	612,548	664,514	717,962

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Tallahassee, FL (MSA)						Tampa—St. Petersburg—Clearwater, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,102,055**	**2,287,828**	**2,545,374**	**2,813,393**	**3,108,234**	**3,425,993**	**23,511,327**	**25,861,661**	**27,836,026**	**30,073,976**	**32,794,805**	**36,006,644**
Nonfarm personal income	2,081,257	2,266,261	2,519,690	2,786,533	3,080,783	3,398,679	23,314,543	25,659,560	27,612,611	29,863,535	32,539,948	35,761,473
Farm income[1]	20,798	21,567	25,684	26,860	27,451	27,314	196,784	202,101	223,415	210,441	254,857	245,171
Population (thousands)[2]	209.7	214.1	217.5	223.2	228.6	233.4	1,818.7	1,870.6	1,914.7	1,956.3	1,995.1	2,037.2
Per capita personal income (dollars)	**10,023**	**10,685**	**11,700**	**12,603**	**13,595**	**14,677**	**12,927**	**13,826**	**14,538**	**15,373**	**16,438**	**17,675**
Derivation of total personal income:												
Total earnings by place of work	1,660,612	1,811,957	2,035,967	2,274,810	2,519,343	2,744,042	14,123,879	15,654,349	17,043,291	18,929,001	20,609,488	22,029,020
Less: Personal contributions for social insurance[3]	63,513	73,367	82,662	87,269	100,833	114,104	792,878	922,807	1,009,806	1,069,747	1,222,101	1,373,644
Plus: Adjustment for residence	−81,741	−94,721	−105,192	−119,728	−132,575	−144,470	58,234	51,651	56,224	59,414	56,395	65,528
Equals: Net earnings by place of residence	1,515,358	1,643,869	1,848,113	2,067,813	2,285,935	2,485,468	13,389,235	14,783,193	16,089,709	17,918,668	19,443,782	20,720,904
Plus: Dividends, interest, and rent[5]	283,299	308,468	334,586	349,920	389,788	457,065	5,728,975	6,287,916	6,718,234	6,819,001	7,592,971	8,938,478
Plus: Transfer payments	303,398	335,491	362,675	395,660	432,511	483,460	4,393,117	4,790,552	5,028,083	5,336,307	5,758,052	6,347,262
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,418,536	1,547,741	1,728,027	1,933,476	2,140,511	2,329,920	11,617,807	12,810,731	13,861,408	15,255,502	16,614,557	17,773,117
Other labor income	109,873	118,048	134,836	147,041	164,282	182,336	1,093,650	1,159,914	1,267,724	1,364,860	1,469,687	1,582,192
Proprietors' income[6]	132,203	146,168	173,104	194,293	214,550	231,786	1,412,422	1,683,704	1,914,159	2,308,639	2,525,244	2,673,711
Farm	13,846	14,553	18,639	19,378	19,873	19,533	153,611	159,946	182,059	167,442	212,170	202,602
Nonfarm	118,357	131,615	154,465	174,915	194,677	212,253	1,258,811	1,523,758	1,732,100	2,141,197	2,313,074	2,471,109
Earnings by industry:												
Farm	20,798	21,567	25,684	26,860	27,451	27,314	196,784	202,101	223,415	210,441	254,857	245,171
Nonfarm	1,639,814	1,790,390	2,010,283	2,247,950	2,491,892	2,716,728	13,927,095	15,452,248	16,819,876	18,718,560	20,354,631	21,783,849
Private	939,245	1,034,696	1,163,249	1,299,850	1,450,726	1,582,763	12,067,504	13,405,605	14,595,343	16,279,868	17,679,170	18,862,194
Agricultural services, forestry, fisheries, and other[7]	4,862	5,503	5,916	6,729	8,045	9,258	98,611	114,627	125,598	136,984*	154,991*	169,747
Agricultural services	(D)	(D)	(D)	(D)	7,361	8,325	91,209	100,330	107,114	124,957*	140,126*	147,175*
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	684	933	7,402	14,297	18,484	12,147	15,047	15,213*
Mining	(D)	(D)	(D)	(D)	(D)	(D)	64,452	89,781	36,697	(D)	(D)	56,744
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	156	152	126	65	77	83
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	91,750	100,326	113,695	125,387	137,489	144,111	1,302,481	1,424,602	1,506,492	1,537,077	1,613,241	1,559,596
Manufacturing	67,130	71,013	83,261	91,163	98,594	106,120	1,895,110	2,039,754	2,086,956	2,200,381	2,391,192	2,501,575
Nondurable goods	30,434	33,094	34,830	36,947	41,731	47,511	661,355	693,465	725,471	770,414	861,833	899,406
Food and kindred products	(D)	(D)	(D)	(D)	(D)	987	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	314	298	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	51,711*	53,056*	55,715	57,747*	63,004*	65,131*
Paper and allied products	(D)	(D)	0	0	0	(D)	23,646*	23,971*	23,322*	24,991*	26,143*	28,026*
Printing and publishing	23,135*	25,486*	27,915*	31,285*	(D)	(D)	190,330	219,195	241,240	272,052	332,076	357,090
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	106,377*	102,694*	98,875*	101,141*	107,349*	102,560*
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	16,264	15,619	17,455	19,440	21,381	19,352
Tobacco manufactures	0	0	0	0	0	0	16,945	15,489	15,347	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	670*	46,463*	51,116*	55,916*	64,951*	70,042*	73,919*
Leather and leather products	0	0	(D)	(D)	(D)	0	4,323*	3,376*	3,240*	4,434*	4,927*	5,382*
Durable goods	36,696	37,919	48,431	54,216	56,863	58,609	1,233,755	1,346,289	1,361,485	1,429,967	1,529,359	1,602,169
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	11,894	71,329	71,812	73,633	79,592	64,923	61,505
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,224*	29,745*	28,915*	25,245
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	33,648*	33,430*	37,322*	45,248*	45,982*	58,139*
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	169,985*	176,584*	175,781	188,760	194,539*	202,559
Machinery, except electrical	(D)	254	(D)	(D)	(D)	(D)	183,745*	205,627*	213,663	218,902	232,864	244,917
Electric and electronic equipment	(D)	3,776	4,492	4,714	5,297	5,079	430,198*	483,959*	500,904	512,752	572,378*	618,021
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	103,148*	117,814*	92,107*	98,919*	107,531*	104,963*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	7,547	9,916	10,526	12,104	13,751*	13,558*
Stone, clay, and glass products	4,490	4,460	4,895	6,056	6,283	6,268	93,183*	98,451	92,587*	95,301*	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	65,552*	74,952*	81,811	91,193	108,266*	118,590*
Miscellaneous manufacturing industries	2,730	2,531	2,591	3,062	3,511	(D)	40,658*	44,451*	47,014*	40,588*	42,799*	39,965*
Transportation and public utilities	71,163	78,272	85,286	84,267	90,089	96,714	1,061,146	1,123,690	1,184,718	1,259,535	1,295,300	1,353,669
Railroad transportation	(D)	(D)	5,219	4,705	(D)	(D)	59,529	53,134	50,208	45,219	50,691	51,609
Trucking and warehousing	14,397	16,120	16,076	17,188	19,898	21,699	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	0	(D)	0	0	(D)	(D)	51,681*	49,021*	50,205*	48,474*	52,932*	54,424*
Other transportation[8]	8,494	8,639	8,993	10,614	10,464	10,796	(D)	(D)	(D)	(D)	(D)	(D)
Communication	34,340*	39,613	42,215	39,638	42,201	47,319	(D)	(D)	382,586*	404,781*	372,693*	391,397*
Electric, gas, and sanitary services	5,744	8,066	12,783	12,122	12,278	12,362	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)	(D)	1,052,412	1,186,050	1,246,270	1,366,662	1,535,733	1,702,723
Retail trade	175,554	193,007	204,382	224,914	249,439	270,397	1,835,603	2,006,371	2,197,265	2,413,351	2,593,432	2,732,136
Finance, insurance, and real estate	79,648	86,658	100,713	128,667	130,226	136,087	1,170,215	1,408,491	1,627,009	2,091,865	2,099,609	2,108,138
Banking and credit agencies	31,733	33,095	40,969	47,128	48,110	50,179	378,361	429,400	505,204	555,299	570,798	582,949
Other finance, insurance, and real estate[9]	47,915	53,563	59,744	81,539	82,116	85,908	791,854	979,091	1,121,805	1,536,566	1,528,811	1,525,189
Services	367,412	409,300	475,833	539,755	630,336	707,880	3,587,474	4,012,239	4,584,338	5,229,831	5,935,246	6,677,866
Hotels and other lodging places	10,196	11,164	12,798	14,694	14,840	16,699	137,502*	152,631	162,000*	186,808*	206,869*	220,300*
Personal services	16,405	20,755	22,538	25,520	29,498	33,687	144,278	176,631	193,840	207,807	239,767	267,598
Private households	12,986	13,363	13,649	13,973	15,075	16,124	67,142	69,095	70,527	72,172	77,976	83,449
Business services	44,700	50,269	58,042	66,030	77,383	92,660	599,993	685,925	791,614	947,517	1,094,140	1,311,389
Auto repair, services, and garages	13,705	15,563	17,418	20,417	23,245	25,145	160,217	175,583	191,880	208,151	225,223	243,196
Miscellaneous repair services	6,774	6,406	6,627	6,893	6,728	7,484	65,329	62,837	70,895	74,814	91,348	102,970
Amusement and recreation services	(D)	(D)	(D)	7,515*	7,261*	8,071*	128,190	134,322	143,163	160,600	157,060	170,508
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	11,432*	(D)	(D)	(D)	19,906*	25,009*
Health services	117,654	128,371	144,130	165,690	197,284	217,546	1,242,307	1,359,926	1,487,972	1,741,495	1,976,957	2,199,428
Legal services	49,157	57,408	70,016	83,085	102,226	114,271	246,964	289,577	333,934	375,675	425,982	465,254
Educational services	(D)	(D)	(D)	(D)	6,254*	7,451*	60,890*	78,960*	79,513*	92,642*	103,647*	107,305*
Social services	14,029	14,917	17,536	20,698	22,626	25,726	92,513	102,690	115,125	133,966	155,896	182,927
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	550	(D)	(D)	(D)	1,984	2,542
Membership organizations	29,030	33,230	38,167	40,861	47,808	51,918	133,140	137,403	151,667	170,739	197,589	214,167
Miscellaneous services	43,058	47,355	61,899	66,518	76,874	87,671	485,940	571,887	763,524	825,682	944,353	1,064,833
Government and government enterprises	700,569	755,694	847,034	948,100	1,041,166	1,133,965	1,859,591	2,046,643	2,224,533	2,438,692	2,675,461	2,921,655
Federal, civilian	38,293	41,984	42,997	45,571	50,861	54,128	385,129	414,132	433,503	471,889	524,220	561,621
Military	7,047	8,731	9,571	9,532	9,146	8,925	188,326	210,393	213,931	214,805	227,550	238,936
State and local	655,229	704,979	794,466	892,997	981,159	1,070,912	1,286,136	1,422,118	1,577,099	1,751,998	1,923,691	2,121,098

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Terre Haute, IN (MSA)						Texarkana, TX—Texarkana, AR (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,442,493**	**1,509,901**	**1,575,744**	**1,632,611**	**1,706,431**	**1,850,564**	**1,295,354**	**1,377,517**	**1,420,767**	**1,460,030**	**1,540,115**	**1,646,894**
Nonfarm personal income	1,431,023	1,494,262	1,562,446	1,619,910	1,694,366	1,829,479	1,276,805	1,360,450	1,393,970	1,431,588	1,508,644	1,613,316
Farm income[1]	11,470	15,639	13,298	12,701	12,065	21,085	18,549	17,067	26,797	28,442	31,471	33,578
Population (thousands)[2]	135.4	135.0	134.0	133.2	132.6	132.2	118.3	119.3	119.5	119.9	119.4	119.4
Per capita personal income (dollars)	**10,654**	**11,186**	**11,758**	**12,255**	**12,866**	**13,998**	**10,952**	**11,552**	**11,889**	**12,174**	**12,896**	**13,793**
Derivation of total personal income:												
Total earnings by place of work	1,011,956	1,066,442	1,120,726	1,169,376	1,219,323	1,302,603	934,373	983,924	1,019,110	1,060,838	1,098,590	1,164,653
Less: Personal contributions for social insurance[3]	57,185	63,090	66,680	68,050	74,494	82,913	53,210	58,447	61,828	64,183	68,131	74,680
Plus: Adjustment for residence	−37,499	−47,154	−56,848	−56,261	−56,572	−62,509	−17,527	−21,601	−23,555	−30,870	−20,448	−32,378
Equals: Net earnings by place of residence	917,272	956,198	997,198	1,045,065	1,088,257	1,157,181	863,636	903,876	933,727	965,785	1,010,011	1,057,595
Plus: Dividends, interest, and rent[5]	259,352	270,650	278,415	276,303	293,694	337,486	190,777	211,610	215,467	209,896	225,585	259,161
Plus: Transfer payments	265,869	283,053	300,131	311,243	324,480	355,897	240,941	262,031	271,573	284,349	304,519	330,138
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	825,973	871,341	917,208	954,654	989,898	1,048,589	738,100	781,120	794,051	826,226	846,217	893,450
Other labor income	89,623	90,314	94,864	96,025	99,187	105,385	71,421	71,893	75,366	80,507	86,800	95,701
Proprietors' income[6]	96,360	104,787	108,654	118,697	130,238	148,629	124,852	130,911	149,693	154,105	165,573	175,502
Farm	8,705	13,025	10,823	10,244	9,737	18,898	15,129	13,733	23,547	25,073	28,148	30,275
Nonfarm	87,655	91,762	97,831	108,453	120,501	129,731	109,723	117,178	126,146	129,032	137,425	145,227
Earnings by industry:												
Farm	11,470	15,639	13,298	12,701	12,065	21,085	18,549	17,067	26,797	28,442	31,471	33,578
Nonfarm	1,000,486	1,050,803	1,107,428	1,156,675	1,207,258	1,281,518	915,824	966,857	992,313	1,032,396	1,067,119	1,131,075
Private	842,693	879,940	922,222	962,143	1,003,283	1,065,765	659,268	689,580	725,307	747,820	788,325	833,081
Agricultural services, forestry, fisheries, and other[7]	1,760	1,684	2,308	3,590	3,555	3,827	3,501	3,820	3,914	5,033	5,272	4,407
Agricultural services	1,745	1,627	2,213	3,537	3,486	(D)	2,494	2,897	3,010	4,356	4,554	3,712
Forestry, fisheries, and other[7]	(L)	57	95	53	69	(D)	1,007	923	904	677	718	695
Mining	20,470	23,607	21,898	17,370	19,708	22,755	3,926	4,163	3,368	3,583	3,960	4,074
Coal mining	(D)	(D)	(D)	14,670*	16,126*	18,878*	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,644*	2,804*	1,214	1,095	1,552	1,591	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	57,817	54,781	60,024	67,025	71,830	78,189	62,934	68,479	68,978	62,868	60,754	57,192
Manufacturing	281,625	300,619	312,250	313,054	312,412	320,686	170,183	172,217	181,896	192,811	202,383	206,082
Nondurable goods	149,536	162,834	172,943	180,389	189,953	195,395	(D)	(D)	(D)	(D)	(D)	(D)
Food and kindred products	25,848*	26,918*	27,368*	28,977*	30,185*	31,523*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	0	0	0	0	(D)	(D)	(D)	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	54	59	(D)
Paper and allied products	24,404	24,859*	27,044*	28,612*	30,773*	30,611*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	25,282*	29,153*	35,514*	37,000*	37,883*	45,319*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	44,803*	49,959*	51,222*	51,030*	53,295*	49,148*	2,715	3,191	3,554	3,781	4,269*	4,902*
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	24,745*	26,886*	26,851*	29,501*	32,043*	32,605*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	132,089	137,785	139,307	132,665	122,459	125,291	(D)	(D)	(D)	(D)	(D)	(D)
Lumber and wood products	1,450	1,290	1,432	1,547	1,832	3,994	15,569	10,643	8,644	8,475	8,659	8,594
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	52,139	52,289	48,118	(D)	32,809	23,704	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	32,041	34,229	30,040	19,526	12,199	12,636	9,373	7,339	(D)	(D)	2,153	2,532
Electric and electronic equipment	4,751	7,735	12,068*	16,494*	18,609*	22,297*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	8,011	(D)	2,027	2,092	2,271	2,524	4,434	3,197	3,215	2,956	2,698	2,626
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	259*	248*	323*	348	647	397	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	77,629	75,931	77,632	82,891	88,235	90,741	51,992	54,021	57,977	56,446	54,999	61,525
Railroad transportation	14,571	14,085	11,859	8,981	9,062	8,974	(D)	(D)	6,395	4,051	3,803	3,610
Trucking and warehousing	21,717	20,301	20,777	23,232	26,859	29,089	15,998	17,467	18,964	18,101	20,988	23,271
Water transportation	0	0	0	0	0	0	−51	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	2,563	2,939	3,718	4,816	6,247	6,656	1,261	1,455	(D)	(D)	2,521	7,505
Communication	16,532	16,693	17,056	18,149	19,433	18,859	(D)	(D)	(D)	(D)	16,451	14,720
Electric, gas, and sanitary services	22,246	21,913	24,222	27,713	26,634	27,163	7,824	9,215	12,026	12,290	11,231	12,424
Wholesale trade	51,070	51,268	54,435	52,779	53,579	58,380	46,591	44,920	43,975	44,078	47,204	49,573
Retail trade	140,536	143,850	147,889	156,923	164,743	173,172	111,199	117,232	118,532	120,378	124,099	133,946
Finance, insurance, and real estate	33,001	34,985	39,120	46,093	44,054	43,028	33,217	37,773	41,048	44,720	43,922	42,935
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	23,551
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,384
Services	178,785	193,215	206,666	222,418	245,167	274,987	175,725	186,955	205,619	217,903	245,732	273,347
Hotels and other lodging places	4,493	4,344*	4,248*	5,395*	5,881*	6,309	4,657	4,508	4,248	4,754	4,609	4,256
Personal services	11,942	14,379	15,393	15,474	17,794	20,145	8,953	11,350	12,676	12,225	14,509	16,145
Private households	3,550	3,554	3,536	3,533	3,735	3,917	5,223	5,315	5,377	5,383	5,674	5,964
Business services	17,649	20,919	21,465	22,352	26,193	29,023	21,986	23,891	26,714	28,410	30,172	34,173
Auto repair, services, and garages	8,129	9,695	9,754	9,863	10,398	11,007	10,545	11,482	11,955	12,097	12,690	13,797
Miscellaneous repair services	3,680	3,213	4,009	4,027	4,607	4,665	4,132	3,275	4,102	4,063	4,330	4,918
Amusement and recreation services	1,662*	2,107	2,215	2,331	2,567	2,659	2,475	3,414	2,636	2,613	2,564	2,646
Motion pictures	616*	707	647	673	616	481	(D)	(D)	(D)	(D)	(D)	(D)
Health services	82,184	88,372	94,821	105,523	113,283	128,921	83,998	90,091	99,795	109,089	127,452	144,378
Legal services	11,705	11,826	14,336	13,593	15,975	17,804	10,727	11,010	13,107	13,055	14,687	15,360
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	643	757	1,134	(D)	(D)	(D)
Social services	4,844	5,460*	5,646*	7,143*	7,454*	8,927	3,667	3,733	4,111	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,686	10,772	11,090	11,791	13,148	14,960	(D)	(D)	(D)	7,269	8,070	8,617
Miscellaneous services	7,712	7,481	7,817	8,195	9,628	11,053	12,233	11,361	12,722	12,624	12,999	14,252
Government and government enterprises	157,793	170,863	185,206	194,532	203,975	215,753	256,556	277,277	267,006	284,576	278,794	297,994
Federal, civilian	33,251	34,913	34,707	36,919	41,555	45,149	175,710	187,815	171,691	185,868	175,207	189,077
Military	3,838	4,280	5,057	5,178	5,568	5,615	5,603	6,070	6,506	5,830	5,760	5,417
State and local	120,704	131,670	145,442	152,435	156,852	164,989	75,243	83,392	88,809	92,878	97,827	103,500

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Toledo, OH (MSA)						Topeka, KS (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**7,959,543**	**8,383,227**	**8,795,144**	**9,290,884**	**9,892,202**	**10,453,126**	**2,222,325**	**2,357,509**	**2,473,749**	**2,607,062**	**2,771,354**	**2,977,494**
Nonfarm personal income	7,901,315	8,332,587	8,752,567	9,241,972	9,851,086	10,407,046	2,209,598	2,337,554	2,453,277	2,590,378	2,758,868	2,962,341
Farm income[1]	58,228	50,640	42,577	48,912	41,116	46,080	12,727	19,955	20,472	16,684	12,486	15,153
Population (thousands)[2]	610.1	610.5	612.6	613.7	616.5	618.8	159.2	159.7	160.7	162.4	164.8	166.5
Per capita personal income (dollars)	**13,047**	**13,732**	**14,357**	**15,139**	**16,046**	**16,893**	**13,962**	**14,761**	**15,397**	**16,055**	**16,816**	**17,886**
Derivation of total personal income:												
Total earnings by place of work	6,152,600	6,565,283	6,803,878	7,198,811	7,706,433	8,013,150	1,796,027	1,897,950	1,997,870	2,116,674	2,249,305	2,375,229
Less: Personal contributions for social insurance[3]	402,189	451,480	477,585	500,603	552,276	594,915	106,942	118,833	129,309	136,941	142,904	155,166
Plus: Adjustment for residence	−357,193	−400,467	−370,240	−375,479	−414,506	−446,055	−165,048	−177,030	−194,501	−203,462	−222,934	−238,632
Equals: Net earnings by place of residence	5,393,218	5,713,336	5,956,053	6,322,729	6,739,651	6,972,180	1,524,037	1,602,087	1,674,060	1,776,271	1,883,467	1,981,431
Plus: Dividends, interest, and rent[5]	1,264,734	1,313,838	1,359,262	1,388,624	1,496,707	1,704,157	373,050	405,432	428,161	438,710	470,091	534,060
Plus: Transfer payments	1,301,591	1,356,053	1,479,829	1,579,531	1,655,844	1,776,789	325,238	349,990	371,528	392,081	417,796	462,003
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,090,220	5,453,566	5,645,980	5,965,705	6,390,510	6,624,010	1,503,977	1,587,174	1,667,346	1,763,018	1,872,765	1,970,511
Other labor income	574,073	587,485	606,926	601,689	633,186	662,784	140,465	142,810	149,964	157,830	167,720	179,910
Proprietors' income[6]	488,307	524,232	550,972	631,417	682,737	726,356	151,585	167,966	180,560	195,826	208,820	224,808
Farm	50,050	42,542	34,554	40,495	32,721	37,586	11,245	18,548	19,121	15,302	11,141	13,846
Nonfarm	438,257	481,690	516,418	590,922	650,016	688,770	140,340	149,418	161,439	180,524	197,679	210,962
Earnings by industry:												
Farm	58,228	50,640	42,577	48,912	41,116	46,080	12,727	19,955	20,472	16,684	12,486	15,153
Nonfarm	6,094,372	6,514,643	6,761,301	7,149,899	7,665,317	7,967,070	1,783,300	1,877,995	1,977,398	2,099,990	2,236,819	2,360,076
Private	5,374,640	5,737,571	5,941,210	6,249,024	6,699,218	6,940,432	1,400,887	1,472,691	1,544,350	1,652,346	1,758,064	1,844,339
Agricultural services, forestry, fisheries, and other[7]	13,329	13,290	14,644	19,650	20,774	22,026	4,239	3,884	3,718	5,863	6,091	6,334
Agricultural services	13,049	13,028	14,321	19,424	20,474	21,684	4,132	3,798	3,682	5,816	6,048	6,297
Forestry, fisheries, and other[7]	280	262	323	226	300	342	107	86	(L)	(L)	(L)	(L)
Mining	17,270	20,089	10,763	11,046	14,200	14,683	7,806	8,851	6,876	7,167	7,963	9,012
Coal mining	124	125	146	70	82	83	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	8,132	8,325	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	5,986	6,275	(D)	(D)	(D)	(D)	(D)	(D)
Construction	300,283	322,040	361,890	389,918	445,516	471,345	101,621	102,769	111,785	125,774	125,409	124,939
Manufacturing	2,150,501	2,331,960	2,289,790	2,305,699	2,416,314	2,433,221	244,239	254,527	262,591	282,423	291,263	302,889
Nondurable goods	390,358	405,060	419,352	444,347	496,157	529,394	209,034	221,457	227,865	247,963	255,404	262,110
Food and kindred products	100,425	102,290	103,015	110,581	127,096	127,823	47,190	50,523	55,437	62,457	63,031	65,029
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	1,239	(D)	(D)	(D)	(D)	(D)
Paper and allied products	26,028*	22,184*	21,744*	21,176*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	54,158	59,966	65,374	69,225	76,144	79,789	64,026	64,387	66,114	68,923	72,550	76,786
Chemicals and allied products	64,117*	63,246*	66,272	75,141*	79,222*	79,835*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	65,515*	70,353*	69,384*	68,102*	71,938	78,398	528	377	452	501	0	0
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	60,045	64,601	68,490	77,430	96,977	119,916	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Durable goods	1,760,143	1,926,900	1,870,438	1,861,352	1,920,157	1,903,827	35,205	33,070	34,726	34,460	35,859	40,779
Lumber and wood products	8,052	10,670	15,919	13,154	15,866	(D)	1,026	999	1,191	1,521	1,431	1,541
Furniture and fixtures	39,364	(D)	55,585*	61,311*	63,454*	60,181*	1,976	1,814	1,654	1,387	1,546	1,888
Primary metal industries	117,775	121,747	125,249	118,957	121,192	113,154*	10,329	10,403	11,398	11,250	10,532	11,884
Fabricated metal products	219,518	232,379	233,811	239,662	250,918	231,064	967	1,086	991	852	763	2,160
Machinery, except electrical	183,187	190,864	193,347	199,879	209,677	219,703	12,958	10,505	11,219	11,544	13,327	13,514
Electric and electronic equipment	99,146*	98,452*	85,523*	87,596	74,735*	83,511*	(D)	(D)	(D)	0	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Motor vehicles and equipment	592,691*	691,271*	(D)	(D)	(D)	(D)	1,087	(D)	319	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	388,210	364,466	363,031	367,837	3,691	3,819	4,291	3,961	3,914	4,208
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	11,761*	12,654*	11,243*	(D)	15,679	15,538	113	524	789	778	826	781
Transportation and public utilities	439,241	436,509	444,846	443,695	453,822	471,694	257,770	266,621	265,403	266,326	274,982	296,741
Railroad transportation	86,497	86,112	83,934	73,063	71,182	64,572	116,483	119,311	111,967	105,258	111,691	121,262
Trucking and warehousing	168,379	165,604	166,217	167,929	172,152	188,167	22,647	22,989	21,786	23,184	26,645	29,937
Water transportation	2,911	3,419	5,003	4,999	4,418	5,499	(D)	(D)	(D)	(D)	(D)	0
Other transportation[8]	(D)	21,822	21,877	22,614	26,165	29,561	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	74,937	78,162	78,127	79,315	82,977	80,586	(D)	(D)	(D)	(D)	87,487
Electric, gas, and sanitary services	79,714	84,615	89,653	96,963	100,590	100,918	29,664	31,739	(D)	(D)	(D)	(D)
Wholesale trade	458,421	452,102	461,479	482,675	527,442	548,596	115,910	124,272	130,253	134,441	105,341	107,214
Retail trade	579,021	616,639	648,390	670,647	716,035	743,254	150,963	157,415	162,400	171,613	232,861	236,255
Finance, insurance, and real estate	197,200	208,056	243,175	306,243	318,234	315,602	130,887	137,740	148,164	172,858	175,816	183,936
Banking and credit agencies	83,942*	88,597*	102,154*	107,773*	121,653*	128,043*	32,151	34,596	38,147	41,024	42,971	44,081
Other finance, insurance, and real estate[9]	107,659*	113,807*	134,409*	189,374*	187,602*	178,395*	98,736	103,144	110,017	131,834	132,845	139,855
Services	1,219,374	1,336,886	1,466,233	1,619,451	1,786,881	1,920,011	387,452	416,612	453,160	485,881	538,338	577,019
Hotels and other lodging places	15,930	18,761	20,897	24,142	26,432	26,311	(D)	(D)	(D)	9,306	10,118	9,390
Personal services	52,499	63,667	69,629	75,184	86,620	95,805	21,007	24,355	26,326	27,532	31,636	34,989
Private households	14,105	14,102	14,011	13,995	14,769	15,465	4,166	4,185	4,178	4,187	4,441	4,662
Business services	152,144	184,538	217,188	245,607	276,845	301,999	57,864	62,545	67,596	74,826	79,336	90,727
Auto repair, services, and garages	43,075	48,442	53,225	57,053	62,893	67,328	12,927	13,994	15,290	14,314	15,114	16,344
Miscellaneous repair services	19,074	19,539	22,878	21,236	24,079	26,455	5,718	5,064	6,579	7,225	7,237	7,796
Amusement and recreation services	19,468	21,872	24,958	28,802	30,781	31,008	4,280	4,083	4,613	5,080	5,414	5,802
Motion pictures	2,305*	(D)	2,193*	2,034*	2,613*	2,844*	716	643	634	(D)	(D)	(D)
Health services	579,878	613,136	652,825	721,780	777,840	824,065	176,458	187,702	199,184	220,267	246,144	259,096
Legal services	82,424	88,625	97,802	104,047	118,222	126,921	29,434	32,012	37,029	37,610	42,231	45,387
Educational services	22,989*	24,823*	25,927	31,319*	35,007	37,385	5,106	6,077	6,378	7,309	7,018	6,476
Social services	35,652*	39,834*	43,830*	46,631*	51,049	57,634	11,143	12,616	13,290	13,498	15,564	16,881
Museums, botanical, zoological gardens	4,164*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	51,567	53,169	54,322	59,841	65,389	68,371	20,973	23,209	24,652	25,656	28,095	29,579
Miscellaneous services	123,186	138,067	160,005	180,760	206,516	230,323	32,501	33,362	38,249	38,352	45,421	49,346
Government and government enterprises	719,732	777,072	820,091	900,875	966,099	1,026,638	382,413	405,304	433,048	447,644	478,755	515,737
Federal, civilian	69,340	73,402	73,177	77,172	83,502	86,352	80,235	79,972	80,849	83,284	91,428	96,700
Military	9,757	10,821	11,347	12,222	12,805	13,173	7,838	8,852	13,144	16,159	17,240	17,407
State and local	640,635	692,849	735,567	811,481	869,792	927,113	294,340	316,480	339,055	348,201	370,087	401,630

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Trenton, NJ (PMSA)						Tucson, AZ (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,258,485**	**5,707,271**	**6,133,235**	**6,745,765**	**7,422,283**	**7,987,737**	**6,778,196**	**7,438,967**	**8,024,959**	**8,631,819**	**9,150,234**	**9,814,240**
Nonfarm personal income	5,248,376	5,696,642	6,122,152	6,733,048	7,408,676	7,975,065	6,739,838	7,413,578	7,998,872	8,608,368	9,121,344	9,790,928
Farm income[1]	10,109	10,629	11,083	12,717	13,607	12,672	38,358	25,389	26,087	23,451	28,890	23,312
Population (thousands)[2]	313.8	317.3	322.5	326.9	331.0	334.0	574.7	585.0	604.1	622.9	636.0	645.5
Per capita personal income (dollars)	**16,759**	**17,985**	**19,015**	**20,633**	**22,425**	**23,913**	**11,795**	**12,717**	**13,285**	**13,858**	**14,387**	**15,203**
Derivation of total personal income:												
Total earnings by place of work	4,031,888	4,398,106	4,842,755	5,350,154	5,912,676	6,235,793	4,549,496	4,987,085	5,381,038	5,773,467	6,061,581	6,305,148
Less: Personal contributions for social insurance[3]	234,876	267,095	313,314	343,714	395,708	428,103	266,785	302,182	336,090	339,920	364,874	395,814
Plus: Adjustment for residence	−180,259	−180,629	−240,457	−236,335	−285,829	−295,731	36,700	40,874	46,044	47,849	62,764	55,630
Equals: Net earnings by place of residence	3,616,753	3,950,382	4,288,984	4,770,105	5,231,139	5,511,959	4,319,411	4,725,777	5,090,992	5,481,396	5,759,471	5,964,964
Plus: Dividends, interest, and rent[5]	969,698	1,049,297	1,088,438	1,165,324	1,325,424	1,515,728	1,361,948	1,508,868	1,617,019	1,712,552	1,830,400	2,142,529
Plus: Transfer payments	672,034	707,592	755,813	810,336	865,720	960,050	1,096,837	1,204,322	1,316,948	1,437,871	1,560,363	1,706,747
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,456,430	3,769,591	4,166,062	4,576,817	5,066,094	5,342,746	3,805,985	4,192,835	4,524,968	4,802,521	5,031,648	5,220,260
Other labor income	316,605	327,515	356,808	379,684	414,694	439,113	341,740	362,942	390,156	397,858	412,258	437,079
Proprietors' income[6]	258,853	301,000	319,885	393,653	431,888	453,934	401,771	431,308	465,914	573,088	617,675	647,809
Farm	7,706	8,290	8,815	10,380	11,298	10,378	31,113	19,305	19,586	15,825	21,382	15,689
Nonfarm	251,147	292,710	311,070	383,273	420,590	443,556	370,658	412,003	446,328	557,263	596,293	632,120
Earnings by industry:												
Farm	10,109	10,629	11,083	12,717	13,607	12,672	38,358	25,389	26,087	23,451	28,890	23,312
Nonfarm	4,021,779	4,387,477	4,831,672	5,337,437	5,899,069	6,223,121	4,511,138	4,961,696	5,354,951	5,750,016	6,032,691	6,281,836
Private	2,985,070	3,265,223	3,599,734	3,994,295	4,415,216	4,620,349	3,514,510	3,917,050	4,216,675	4,522,313	4,722,194	4,898,630
Agricultural services, forestry, fisheries, and other[7]	15,083	16,351	18,418	25,541	26,288	26,873	25,772	28,072	32,415	39,565	40,866	39,393
Agricultural services	14,812	16,169	18,303	25,423	26,161	26,752	25,377	27,513	31,761	38,808	39,803	38,635
Forestry, fisheries, and other[7]	271	182	115	118	127	121	395	559	654	757	1,063	758
Mining	12,028	16,174	5,319	6,105	9,670	9,409	132,211	108,251	69,676	80,310	98,573	117,553
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	54	(L)	57	(L)	(L)	(L)
Oil and gas extraction	10,611	14,867	4,535	4,773	8,050	8,575	15,924	22,336	6,412	6,644	10,157	10,825
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	115,488	85,018	62,174	71,900	86,458	105,038
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	745	859	1,033	1,730	1,940	1,671
Construction	129,898	144,246	175,940	205,884	225,793	235,401	431,359	492,915	532,802	515,217	490,597	462,828
Manufacturing	959,878	1,036,515	1,093,417	1,125,378	1,188,290	1,163,182	777,319	865,976	906,246	916,813	990,033	1,013,419
Nondurable goods	373,968	400,364	449,300	483,529	551,161	591,438	87,791	96,800	98,637	107,595	116,029	116,263
Food and kindred products	22,866	24,910	26,705	19,388	22,703	23,615	25,043	28,348	24,335	25,966	28,020	28,335
Textile mill products	(D)	(D)	(D)	(D)	4,183	3,662	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	3,672	(D)	(D)	(D)	2,243	2,019	1,722	1,771	1,869	2,093
Paper and allied products	23,921	24,984	27,527	28,803	32,748	35,743	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	93,503	103,162	110,268	121,026	138,247	142,400	37,076	41,343	45,683	49,930	53,845	56,537
Chemicals and allied products	134,617	145,191	180,440	203,927	239,726	264,862	3,860	5,090	5,399	5,782	7,026	3,965
Petroleum and coal products	54,885	61,101	65,057	69,139	74,782	81,534	(D)	(D)	(D)	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	37,074	34,205	33,048	34,329	35,165	35,883	15,128	15,547	17,028	20,472	21,462	21,206
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	2,266	2,238	2,213	2,218	1,781	2,245
Durable goods	585,910	636,151	644,117	641,849	637,129	571,744	689,528	769,176	807,609	809,218	874,004	897,156
Lumber and wood products	772	781	1,487	1,538	(D)	2,345	5,509	7,871	10,651	9,387	8,076	7,302
Furniture and fixtures	3,624	3,773	4,574	5,152	5,011	4,879	1,173	1,912	1,869	(D)	2,426	3,103
Primary metal industries	1,601	(D)	(D)	(D)	(D)	(D)	5,183	3,595	1,284	2,696	2,924	3,860
Fabricated metal products	128,238	(D)	(D)	(D)	(D)	(D)	37,480	42,554	36,452	41,508	44,700	39,134
Machinery, except electrical	108,357	112,405	118,974	131,381	130,705	127,053	(D)	264,776	259,854	(D)	(D)	337,545
Electric and electronic equipment	234,349	242,969	238,753	247,910	233,443	197,841	68,895	71,211	79,997	91,245	98,715	99,815
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	5,845	5,330	(D)	(D)	(D)	(D)	(D)	(D)	(D)	220	196	(D)
Stone, clay, and glass products	37,511	43,551	44,182	43,749	45,435	42,353	35,442	38,693	38,965	36,159	36,522	34,167
Instruments and related products	35,448	39,112	38,573	29,572	18,994	19,035	25,064	42,342	52,704	68,360	79,474	85,048
Miscellaneous manufacturing industries	30,165	28,560	31,438	36,934	49,941	49,070	6,745	7,552	8,004	8,282	11,181	11,602
Transportation and public utilities	155,725	168,826	183,256	203,429	222,110	234,516	267,979	284,715	284,920	290,715	301,536	305,468
Railroad transportation	9,376	8,114	9,035	10,534	9,989	9,499	45,797	(D)	41,956	40,069	37,562	35,819
Trucking and warehousing	38,957	39,282	43,470	52,456	57,029	58,467	37,760	41,221	48,911	50,933	51,274	52,899
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	−253	−347	−190	92	(L)
Other transportation[8]	21,014	25,586	28,036	32,911	40,165	43,066	(D)	38,066	41,143	36,958	41,844	43,487
Communication	52,495	52,576	56,977	58,861	65,971	71,089	92,362	101,687	87,187	91,282	95,395	96,005
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	58,616	(D)	66,070	71,663	75,369	77,277
Wholesale trade	187,015	197,884	211,616	226,916	258,994	279,628	144,675	165,327	170,932	186,920	171,211	184,207
Retail trade	292,431	320,621	346,290	387,768	421,252	429,101	497,193	555,225	591,005	636,581	683,000	711,978
Finance, insurance, and real estate	182,184	206,505	223,467	298,158	331,414	357,577	205,622	254,441	296,304	362,163	287,591	278,875
Banking and credit agencies	55,622	68,956	80,714	87,665	101,271	102,221	75,022	87,823	102,700	112,334	106,854	103,039
Other finance, insurance, and real estate[9]	126,562	137,549	142,753	210,493	230,143	255,356	130,600	166,618	193,604	249,829	180,737	175,836
Services	1,050,828	1,158,101	1,342,011	1,515,116	1,731,405	1,884,662	1,032,380	1,162,128	1,332,375	1,494,029	1,658,787	1,784,909
Hotels and other lodging places	7,891	14,609	26,147	26,897	28,767	33,111	41,985	53,204	63,819	75,206	79,937	80,247
Personal services	(D)	(D)	(D)	(D)	48,873	47,786	53,425	64,377	70,053	75,377	84,336	93,232
Private households	18,515	18,645	18,656	18,677	19,782	20,682	21,343	22,129	22,800	23,499	25,335	26,969
Business services	307,327	350,651	424,083	454,653	524,345	588,965	166,861	188,563	219,473	228,118	263,855	273,155
Auto repair, services, and garages	22,978	25,841	30,087	32,041	37,013	39,291	50,318	57,084	65,336	67,955	72,391	79,899
Miscellaneous repair services	14,563	13,337	13,267	15,074	14,828	15,523	23,553	20,626	25,471	24,858	29,286	33,797
Amusement and recreation services	8,540	10,301	12,262	12,374	13,668	14,595	24,470	28,486	33,639	42,409	47,997	48,513
Motion pictures	1,252	955	979	1,330	6,115	5,645	3,000	3,901	4,864	4,582	4,829	5,142
Health services	252,895	269,194	302,615	351,189	403,348	444,885	351,921	401,859	468,489	542,990	597,887	659,715
Legal services	47,936	52,683	61,772	70,156	81,592	86,291	75,454	85,633	97,812	116,151	124,689	122,894
Educational services	(D)	(D)	(D)	(D)	267,237	278,399	15,721	16,802	16,521	19,332	22,364	25,414
Social services	29,875	34,073	37,808	38,355	40,619	45,625	41,924	49,039	54,680	63,847	73,426	82,173
Museums, botanical, zoological gardens	171	210	250	270	299	374	2,073	2,269	2,382	2,633	3,005	3,053
Membership organizations	48,084	50,984	55,701	64,353	68,287	74,129	49,472	50,844	54,213	60,349	68,642	74,001
Miscellaneous services	72,491	82,443	95,909	145,572	176,632	189,361	110,860	117,312	132,823	146,723	160,808	176,705
Government and government enterprises	1,036,709	1,122,254	1,231,938	1,343,142	1,483,853	1,602,772	996,628	1,044,646	1,138,276	1,227,703	1,310,497	1,383,206
Federal, civilian	88,428	95,022	95,079	103,640	114,265	120,546	178,244	194,238	193,254	216,542	232,671	241,059
Military	8,623	9,218	10,252	10,918	11,071	10,982	125,569	125,376	126,752	132,338	134,216	142,123
State and local	939,658	1,018,014	1,126,607	1,228,584	1,358,517	1,471,244	692,815	725,032	818,270	878,823	943,610	1,000,024

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Tulsa, OK (MSA)						Tuscaloosa, AL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**9,649,957**	**10,132,747**	**10,208,792**	**10,306,438**	**10,907,780**	**11,690,922**	**1,398,378**	**1,515,360**	**1,643,052**	**1,758,355**	**1,888,341**	**2,041,263**
Nonfarm personal income	9,611,202	10,094,037	10,160,779	10,244,956	10,840,737	11,626,681	1,390,423	1,508,706	1,634,575	1,743,994	1,873,499	2,028,684
Farm income[1]	38,755	38,710	48,013	61,482	67,043	64,241	7,955	6,654	8,477	14,361	14,842	12,579
Population (thousands)[2]	728.5	728.0	732.4	728.4	727.6	730.0	137.7	139.5	142.5	144.7	145.4	147.0
Per capita personal income (dollars)	**13,247**	**13,919**	**13,939**	**14,150**	**14,991**	**16,016**	**10,156**	**10,866**	**11,529**	**12,155**	**12,986**	**13,886**
Derivation of total personal income:												
Total earnings by place of work	7,552,135	7,854,238	7,853,252	7,885,381	8,393,306	8,909,124	1,051,542	1,134,822	1,245,338	1,336,751	1,437,152	1,538,368
Less: Personal contributions for social insurance[3]	464,513	509,922	514,232	516,629	570,372	626,975	61,572	68,783	72,266	76,432	85,766	94,987
Plus: Adjustment for residence	−98,032	−107,557	−121,541	−107,242	−120,690	−125,385	−23,275	−29,168	−34,398	−34,078	−34,686	−39,724
Equals: Net earnings by place of residence	6,989,590	7,236,759	7,217,479	7,261,510	7,702,244	8,156,764	966,695	1,036,871	1,138,674	1,226,241	1,316,700	1,403,657
Plus: Dividends, interest, and rent[5]	1,582,748	1,737,624	1,708,530	1,691,741	1,769,333	2,000,236	183,131	204,173	208,692	218,543	240,803	274,003
Plus: Transfer payments	1,077,619	1,158,364	1,282,783	1,353,187	1,436,203	1,533,922	248,552	274,316	295,686	313,571	330,838	363,603
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,038,474	6,272,943	6,236,855	6,215,936	6,606,639	6,980,531	854,543	925,667	1,005,976	1,080,102	1,157,915	1,238,597
Other labor income	658,717	651,288	672,132	645,952	678,007	755,639	92,785	96,624	107,670	115,381	123,297	133,905
Proprietors' income[6]	854,944	930,007	944,265	1,023,493	1,108,660	1,172,954	104,214	112,531	131,692	141,268	155,940	165,866
Farm	32,091	32,211	41,620	54,742	60,330	57,472	7,104	5,799	7,619	13,447	13,918	11,628
Nonfarm	822,853	897,796	902,645	968,751	1,048,330	1,115,482	97,110	106,732	124,073	127,821	142,022	154,238
Earnings by industry:												
Farm	38,755	38,710	48,013	61,482	67,043	64,241	7,955	6,654	8,477	14,361	14,842	12,579
Nonfarm	7,513,380	7,815,528	7,805,239	7,823,899	8,326,263	8,844,883	1,043,587	1,128,168	1,236,861	1,322,390	1,422,310	1,525,789
Private	6,854,600	7,106,891	7,061,104	7,077,387	7,532,247	8,016,301	752,298	809,333	896,660	964,310	1,039,682	1,115,124
Agricultural services, forestry, fisheries, and other[7]	22,613	23,224	23,176	29,127	29,316	29,392	3,411	3,205	3,489	4,768	4,914	5,393
Agricultural services	22,366	22,913	22,815	28,547	28,628	28,606	2,550	2,665	3,434	4,651	4,847	5,215
Forestry, fisheries, and other[7]	247	311	361	580	688	786	861	540	55	117	67	178
Mining	821,375	812,161	713,569	632,953	655,116	586,704	116,744	139,794	135,439	120,958	126,884	134,231
Coal mining	(D)	(D)	14,231	(D)	(D)	(D)	112,182	133,391	130,553	116,642	121,217	120,566
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,776	5,397	13,100
Metal mining	(D)	(D)	692	(D)	1,257	1,474	0	0	0	0	0	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	540	270	(D)
Construction	524,386	491,383	463,048	410,272	415,505	444,231	44,018	51,109	61,137	69,029	72,052	86,136
Manufacturing	1,448,104	1,516,651	1,496,376	1,476,499	1,577,904	1,756,118	218,551	217,326	251,638	278,535	297,240	312,143
Nondurable goods	296,245	300,167	311,555	308,279*	304,910*	405,565	152,641	168,759	195,128	211,300	217,735	223,032
Food and kindred products	52,584*	55,047*	58,559*	61,203*	62,569*	66,791*	17,044	18,248	17,981	21,352	21,639	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,096	1,682	2,552	3,169	3,436
Paper and allied products	9,784	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	24,763	(D)
Printing and publishing	76,253*	81,883*	82,965*	82,426*	83,203*	85,410*	6,754	8,007	8,981	9,902	12,158	12,223
Chemicals and allied products	34,506*	33,299*	32,128*	21,105*	13,040*	10,559*	(D)	(D)	(D)	(D)	2,750	4,087
Petroleum and coal products	72,089	69,626	80,233	89,151	84,618	179,276	22,850	21,670	23,913	26,804	27,015	27,783
Tobacco manufactures	0	0	0	0	0	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	33,120*	32,880*	32,771*	35,120*	41,052*	44,948*	(D)	88,180	113,929	122,960	126,241	127,697
Leather and leather products	(D)	(D)	(D)	146	(D)	(D)	0	0	0	0	0	0
Durable goods	1,151,859	1,216,484	1,184,821	1,148,217*	1,250,281*	1,350,553	65,910	48,567	56,510	67,235	79,505	89,111
Lumber and wood products	12,549*	9,126*	8,210*	8,340	7,791	7,074*	18,688	20,063	20,478	22,810	22,489	24,198
Furniture and fixtures	14,989*	15,482	17,931	14,972	20,261	20,037*	(D)	374	273	215	150	(D)
Primary metal industries	58,833*	57,721*	56,174*	50,907*	(D)	78,600*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	243,146*	246,574*	228,363*	209,240*	251,538*	289,302*	25,345	6,205	6,405	5,953	6,402	9,144
Machinery, except electrical	328,252*	349,683*	319,883*	308,606*	329,340	340,282	4,053	13,451	15,017	14,851	21,156	21,788
Electric and electronic equipment	79,923*	80,450*	72,474*	72,532*	77,787*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	204,762*	243,565*	266,657*	267,253*	(D)	261,919*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	109,403*	116,957*	116,566*	123,145*	136,091*	133,583*	3,836	4,253	5,444	5,959	6,738	7,638
Instruments and related products	(D)	(D)	(D)	19,184*	21,798*	31,851*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	46,786	40,364	39,912	42,330	51,339*	47,745*	1,381	1,217	1,351	1,490	1,895	1,881
Transportation and public utilities	723,343	772,263	826,474	856,010	917,184	1,014,035	51,772	55,282	57,844	58,956	64,673	68,036
Railroad transportation	28,035	24,551	24,588	24,357	23,921	23,413	3,311	3,057	2,155	(D)	(D)	(D)
Trucking and warehousing	(D)	122,171*	125,865	120,532	125,626	117,666	17,115	18,878	19,959	20,233	24,602	25,878
Water transportation	2,041*	(D)	(D)	(D)	(D)	(D)	4,846	5,083	5,413	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,288	1,341	1,256	1,864	2,083	2,984
Communication	124,383*	136,716	136,297*	166,302*	174,309*	185,430*	11,653	12,033	13,255	13,136	13,365	14,358
Electric, gas, and sanitary services	121,437*	(D)	(D)	133,648*	137,469*	142,356*	13,559	14,890	15,806	17,379	18,476	18,513
Wholesale trade	579,197	603,623	583,004	582,253	651,691	692,374	33,310	36,410	38,718	43,096	50,057	53,375
Retail trade	733,446	757,243	747,797	723,280	792,650	793,094	104,528	110,145	119,548	127,865	138,446	143,823
Finance, insurance, and real estate	434,281	454,502	482,739	523,913	502,565	500,029	31,753	34,875	41,034	47,515	46,195	46,073
Banking and credit agencies	(D)	167,152*	171,589*	165,340*	156,095*	149,133*	13,972	15,184	16,779	16,833	17,991	18,259
Other finance, insurance, and real estate[9]	(D)	274,800*	297,674*	343,049*	326,942*	335,014*	17,781	19,691	24,255	30,682	28,204	27,814
Services	1,567,855	1,675,841	1,724,921	1,843,080	1,990,316	2,200,324	148,211	161,187	187,813	213,588	239,221	265,914
Hotels and other lodging places	39,956*	39,811*	34,835*	34,337*	33,084*	30,422*	4,884	5,647	5,074	6,026	6,371	6,666
Personal services	69,628	86,226	92,580	94,902	106,210	119,119	9,230	10,974	11,713	13,266	14,772	17,090
Private households	29,676	29,683	29,464	28,970	28,907*	30,342*	(D)	(D)	(D)	(D)	(D)	(D)
Business services	319,348	347,294	342,441	375,235	400,789	471,968	12,606	14,201	16,583	20,347	24,950	25,415
Auto repair, services, and garages	76,681	86,656	88,397	87,239	92,151	104,882	7,600	8,440	9,674	9,731	10,157	10,909
Miscellaneous repair services	22,896	25,065	23,327	24,831	30,309	35,235	2,336	2,251	2,741	2,774	3,133	3,262
Amusement and recreation services	33,296*	28,955*	27,474*	28,902*	29,178*	32,756	1,828	2,000	2,357	2,345	2,608	4,858
Motion pictures	5,951*	7,919*	4,073	4,343	4,834	6,067	(D)	(D)	(D)	(D)	(D)	(D)
Health services	490,860	523,597	559,022	618,675	668,650	725,135	57,997	61,306	70,351	85,503	94,503	105,580
Legal services	133,645	149,203	166,031	179,990	205,438	213,864	11,832	12,836	14,446	14,773	16,930	18,965
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	4,510	5,036	5,239	5,588	6,181	6,549
Social services	40,137	40,429*	44,716*	50,187	51,757	54,664	2,468	2,559	2,681	3,246	4,670	5,348
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	57,351	58,211	58,770	61,593	68,219	70,931	7,153	7,023	7,868	8,238	8,946	9,350
Miscellaneous services	178,513	179,682	178,227	176,341	185,119	212,859	21,139	24,285	34,450	37,100	41,106	46,812
Government and government enterprises	658,780	708,637	744,135	746,512	794,016	828,582	291,289	318,835	340,201	358,080	382,628	410,665
Federal, civilian	127,982	136,219	137,399	145,056	156,594	160,543	40,569	41,325	44,282	45,967	48,077	53,061
Military	24,935	26,239	29,126	33,772	35,111	36,322	7,222	8,064	8,858	9,987	10,435	10,665
State and local	505,863	546,179	577,610	567,684	602,311	631,717	243,498	269,446	287,061	302,126	324,116	346,939

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Tyler, TX (MSA)						Utica—Rome, NY (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,929,063**	**2,078,015**	**2,122,536**	**2,210,285**	**2,314,144**	**2,471,937**	**3,644,913**	**3,802,034**	**3,990,464**	**4,196,554**	**4,528,282**	**4,867,206**
Nonfarm personal income	1,915,648	2,051,569	2,098,934	2,188,386	2,291,616	2,447,245	3,626,352	3,782,171	3,968,876	4,175,036	4,508,708	4,838,376
Farm income[1]	13,415	26,446	23,602	21,899	22,528	24,692	18,561	19,863	21,588	21,518	19,574	28,830
Population (thousands)[2]	146.2	150.5	151.7	153.0	152.6	153.2	317.8	316.5	314.0	312.9	312.6	311.0
Per capita personal income (dollars)	**13,198**	**13,805**	**13,987**	**14,449**	**15,168**	**16,139**	**11,468**	**12,013**	**12,707**	**13,411**	**14,486**	**15,648**
Derivation of total personal income:												
Total earnings by place of work	1,498,012	1,587,237	1,592,269	1,660,471	1,719,179	1,785,633	2,375,864	2,481,202	2,610,351	2,780,166	2,997,830	3,158,497
Less: Personal contributions for social insurance[3]	79,831	89,054	90,662	94,896	101,294	109,789	146,284	159,595	174,226	184,653	206,887	224,241
Plus: Adjustment for residence	−78,075	−78,292	−80,525	−80,190	−77,576	−78,794	27,343	33,608	33,350	32,773	31,007	41,161
Equals: Net earnings by place of residence	1,340,106	1,419,891	1,421,082	1,485,385	1,540,309	1,597,050	2,256,923	2,355,215	2,469,475	2,628,286	2,821,950	2,975,417
Plus: Dividends, interest, and rent[5]	361,388	404,504	419,340	420,647	459,020	527,853	616,766	637,643	661,683	670,445	761,719	871,683
Plus: Transfer payments	227,569	253,620	282,114	304,253	314,815	347,034	771,224	809,176	859,306	897,823	944,613	1,020,106
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,163,673	1,212,617	1,219,109	1,243,039	1,269,043	1,306,020	1,969,489	2,074,667	2,176,906	2,308,161	2,483,547	2,603,587
Other labor income	126,149	122,280	128,424	130,936	134,538	140,367	187,657	187,286	195,377	198,994	212,840	224,860
Proprietors' income[6]	208,190	252,340	244,736	286,496	315,598	339,246	218,718	219,249	238,068	273,011	301,443	330,050
Farm	9,159	22,259	19,469	17,526	18,156	20,262	9,846	11,241	13,024	12,446	10,448	19,507
Nonfarm	199,031	230,081	225,267	268,970	297,442	318,984	208,872	208,008	225,044	260,565	290,995	310,543
Earnings by industry:												
Farm	13,415	26,446	23,602	21,899	22,528	24,692	18,561	19,863	21,588	21,518	19,574	28,830
Nonfarm	1,484,597	1,560,791	1,568,667	1,638,572	1,696,651	1,760,941	2,357,303	2,461,339	2,588,763	2,758,648	2,978,256	3,129,667
Private	1,330,251	1,389,013	1,389,870	1,445,632	1,492,810	1,546,511	1,757,542	1,821,273	1,923,844	2,045,038	2,204,176	2,291,270
Agricultural services, forestry, fisheries, and other[7]	7,489	7,539	7,657	9,881	9,445	9,722	5,174	5,413	5,667	7,043	7,869	8,632
Agricultural services	7,404	7,490	7,638	9,809	9,365	9,707	4,649	4,738	5,002	6,481	7,262	8,063
Forestry, fisheries, and other[7]	85	(L)	(L)	72	80	(L)	525	675	665	562	607	569
Mining	130,025	118,182	78,816	69,836	68,624	67,142	7,929	10,466	6,367	6,325	8,032	8,148
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	663	484	515	204	233	240
Oil and gas extraction	129,826	118,005	78,626	69,645	68,451	66,901	4,475	6,596	1,894	1,952	3,678	3,863
Metal mining	(L)	(L)	0	0	0	0	(L)	(L)	(L)	56	56	62
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,798	3,390	3,959	4,113	4,065	3,983
Construction	105,569	103,628	109,018	90,366	90,418	83,207	98,806	111,017	124,440	137,292	152,363	154,666
Manufacturing	337,125	329,497	350,526	348,088	346,324	357,150	654,275	647,173	652,449	654,583	688,216	694,843
Nondurable goods	115,632	116,196	124,927	129,804	134,469	135,318	119,516	115,061	111,659	110,520	117,388	126,202
Food and kindred products	14,498	14,554	15,212	12,715	(D)	(D)	32,194	29,372	29,264	28,061	28,075	30,173
Textile mill products	0	0	0	0	0	0	(D)	(D)	16,105	14,980	13,947	14,290
Apparel and other textile products	7,489	10,193	(D)	(D)	4,064	3,478	9,369*	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	10,900	11,837	12,296	13,341	15,129	14,890	15,238	16,103	17,470	(D)
Printing and publishing	8,400	8,313	7,036	7,058	7,684	7,960	19,682	20,532	22,666	24,545	26,862	28,279
Chemicals and allied products	2,040	2,271	2,574	2,635	1,709	2,188	655	753	859	1,135	(D)	(D)
Petroleum and coal products	16,237	12,433	11,932	16,951	16,567	13,793	4,053	5,803	3,823	2,151	2,346	2,352
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,602	(D)	3,417	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	221,493	213,301	225,599	218,284	211,855	221,832	534,759	532,112	540,790	544,063	570,828	568,641
Lumber and wood products	5,064	6,409	5,332	5,526	3,365	3,039	3,043	3,332	8,037	9,875	9,812	9,867
Furniture and fixtures	(D)	1,952	1,905	2,154	2,304	(D)	(D)	(D)	(D)	(D)	(D)	23,420
Primary metal industries	73,911	(D)	(D)	(D)	(D)	(D)	126,849*	116,980	113,794	109,521*	113,435	122,029
Fabricated metal products	12,640	10,256	11,583	10,263	11,250	11,748	(D)	(D)	66,574	59,665	73,589	76,155
Machinery, except electrical	114,316	109,461	123,858	118,528	112,828	116,939	102,169	93,762	84,515	71,583	71,844	74,401
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	33,378	36,713	42,056	45,826	44,933	43,909
Motor vehicles and equipment	(D)	(D)	(D)	0	96	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	5,634	5,592	5,817	5,683	6,889	6,546	6,240	6,751	7,038	7,133*	7,703*	7,688*
Instruments and related products	(D)	(D)	(D)	525	1,289	1,469	11,718	9,126	10,334	12,700	(D)	15,953
Miscellaneous manufacturing industries	8,075	7,619	5,135	5,161	6,669	11,425	(D)	(D)	(D)	(D)	48,486	(D)
Transportation and public utilities	87,394	109,869	90,313	125,878	140,418	151,611	129,875	135,369	139,393	130,243	136,075	134,595
Railroad transportation	13,623	13,474	11,408	9,380	9,262	9,248	7,684	8,257	7,167	6,716	5,186	3,545
Trucking and warehousing	19,041	19,877	20,439	22,130	24,385	28,309	31,168	29,243	28,690	31,954	34,674	36,029
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	23,942	28,433	33,084	21,142	24,133	28,149*
Communication	28,183	47,924	29,152	65,757	78,681	82,798	43,921	44,974	47,365	47,867	47,472	41,934
Electric, gas, and sanitary services	21,353	23,049	24,063	23,012	22,095	24,942	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	80,629	87,053	88,164	86,653	88,267	92,124	110,094	107,922	114,733	127,244	135,624	136,808
Retail trade	195,835	207,771	210,916	215,614	218,749	224,463	220,916	235,546	253,504	269,206	293,637	313,255
Finance, insurance, and real estate	75,450	87,270	93,517	101,742	96,097	91,684	123,290	119,116	134,062	163,070	167,161	181,457
Banking and credit agencies	31,200	34,444	35,498	35,310	33,532	30,094	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	44,250	52,826	58,019	66,432	62,565	61,590	78,530*	83,545*	92,983*	114,560*	117,000*	130,329*
Services	310,735	338,204	360,943	397,574	434,468	469,408	407,183	449,251	493,229	550,032	615,199	658,866
Hotels and other lodging places	3,748	4,733	2,645	4,510	4,243	4,637	6,311	6,532	6,255	8,017	7,912	7,414
Personal services	19,194	23,687	24,182	24,352	28,291	31,939	26,257	31,435	32,602	34,825	38,732	42,878
Private households	8,676	8,838	8,951	8,958	9,450	9,943	7,518	7,529	7,498	7,476	7,884	8,235
Business services	51,222	55,281	52,880	54,205	59,896	59,914	50,661	53,790	63,561	75,681	84,665	86,587
Auto repair, services, and garages	14,469	16,575	16,827	16,559	17,333	18,287	15,581	19,837	22,084	24,220	26,495	28,403
Miscellaneous repair services	6,158	6,077	6,442	6,470	6,890	7,757	8,048	7,514	8,293	8,830	10,821	11,953
Amusement and recreation services	6,935	7,450	7,063	7,229	7,301	6,800	8,930	9,905	10,990	11,597	13,040	13,783
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	119,930	126,503	138,795	167,653	188,445	203,665	165,991	183,526	193,613	214,275	235,516	251,651
Legal services	23,762	30,497	35,094	36,169	39,101	42,624	24,642	26,947	29,329	29,285	32,528	35,111
Educational services	3,305	3,461	3,562	4,048	4,299	4,736	23,139	25,129	27,711	30,638	33,702	36,378
Social services	4,599	5,020	6,070	6,563	8,934	11,807	16,052	18,728	21,839	27,933	33,617	38,654
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	459*	515*	536*	599*	668*
Membership organizations	8,666	9,714	10,586	11,197	12,640	13,245	25,400	27,239	28,686	32,314	37,478	40,158
Miscellaneous services	39,386	39,679	47,403	49,263	47,184	53,548	27,987	30,395	40,033	44,117	51,826	56,436
Government and government enterprises	154,346	171,778	178,797	192,940	203,841	214,430	599,761	640,066	664,919	713,610	774,080	838,397
Federal, civilian	18,381	20,780	21,183	22,689	24,978	26,331	123,400	131,288	134,011	136,908	142,162	143,430
Military	2,425	2,843	3,068	3,396	3,526	3,687	94,627	99,555	94,060	96,057	96,829	101,490
State and local	133,540	148,155	154,546	166,855	175,337	184,412	381,734	409,223	436,848	480,645	535,089	593,477

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Vallejo—Fairfield—Napa, CA (PMSA)						Vancouver, WA (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**4,947,363**	**5,461,242**	**5,901,324**	**6,386,726**	**7,039,247**	**7,625,968**	**2,427,219**	**2,584,320**	**2,762,327**	**2,980,367**	**3,250,854**	**3,601,351**
Nonfarm personal income	4,868,355	5,374,486	5,808,761	6,296,204	6,930,210	7,499,146	2,408,984	2,564,963	2,738,153	2,954,789	3,221,835	3,568,575
Farm income[1]	79,008	86,756	92,563	90,522	109,037	126,822	18,235	19,357	24,174	25,578	29,019	32,776
Population (thousands)[2]	368.5	377.9	391.8	405.9	420.7	436.9	203.3	207.0	212.6	218.1	226.2	234.2
Per capita personal income (dollars)	**13,425**	**14,452**	**15,062**	**15,735**	**16,731**	**17,454**	**11,937**	**12,484**	**12,996**	**13,668**	**14,371**	**15,379**
Derivation of total personal income:												
Total earnings by place of work	2,907,184	3,191,329	3,419,227	3,687,042	4,015,303	4,327,320	1,384,314	1,431,407	1,538,553	1,664,214	1,869,577	2,035,894
Less: Personal contributions for social insurance[3]	168,178	190,872	207,527	222,182	249,476	277,381	79,833	87,329	96,114	105,566	122,059	137,650
Plus: Adjustment for residence	645,873	729,511	858,543	1,013,904	1,188,393	1,253,213	369,826	420,586	445,278	497,214	522,798	599,027
Equals: Net earnings by place of residence	3,384,879	3,729,968	4,070,243	4,478,764	4,954,220	5,303,152	1,674,307	1,764,664	1,887,717	2,055,862	2,270,316	2,497,271
Plus: Dividends, interest, and rent[5]	728,161	802,968	840,900	857,524	955,884	1,106,240	365,710	395,158	429,878	450,860	484,869	568,263
Plus: Transfer payments	834,323	928,306	990,181	1,050,438	1,129,143	1,216,576	387,202	424,498	444,732	473,645	495,669	535,817
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,355,566	2,592,928	2,773,817	2,956,496	3,195,064	3,429,696	1,115,814	1,156,135	1,237,482	1,325,992	1,496,743	1,627,201
Other labor income	200,302	210,760	230,950	244,698	273,139	307,204	103,520	102,290	107,183	111,557	124,469	137,960
Proprietors' income[6]	351,316	387,641	414,460	485,848	547,100	590,420	164,980	172,982	193,888	226,665	248,365	270,733
Farm	48,584	55,145	61,273	59,515	76,973	89,486	15,158	16,386	21,258	22,508	25,949	29,684
Nonfarm	302,732	332,496	353,187	426,333	470,127	500,934	149,822	156,596	172,630	204,157	222,416	241,049
Earnings by industry:												
Farm	79,008	86,756	92,563	90,522	109,037	126,822	18,235	19,357	24,174	25,578	29,019	32,776
Nonfarm	2,828,176	3,104,573	3,326,664	3,596,520	3,906,266	4,200,498	1,366,079	1,412,050	1,514,379	1,638,636	1,840,558	2,003,118
Private	1,766,155	1,960,036	2,148,360	2,321,114	2,553,939	2,781,999	1,111,619	1,135,340	1,225,759	1,336,676	1,518,864	1,654,218
Agricultural services, forestry, fisheries, and other[7]	25,256	26,410	27,575	38,323	44,226	47,852	6,270	6,270	6,313	7,999	8,316	9,506
Agricultural services	24,888	25,743	26,754	37,709	43,499	47,043	3,762	3,504	3,802	5,721	6,218	7,117
Forestry, fisheries, and other[7]	368	667	821	614	727	809	2,508	2,766	2,511	2,278	2,098	2,389
Mining	15,469	17,052	11,092	11,361	13,226	14,427	4,292	3,697	2,369	3,950	8,575	17,971
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	11,204	13,001	14,199	2,276	2,867	959	(D)	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	0	0	0	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	152	220	222	1,999	816	1,397	947	912	2,394
Construction	245,217	286,936	345,079	378,709	440,151	447,951	135,090	101,193	113,712	135,595	163,716	178,671
Manufacturing	301,909	325,018	350,075	338,507	365,506	409,929	400,733	415,950	432,681	448,273	499,190	546,203
Nondurable goods	203,513	225,189	245,640	242,957	267,054	292,755	187,981	200,744	201,408	219,704	239,847	252,589
Food and kindred products	124,072	138,020	152,847	153,541	172,023	189,740	28,816	31,776	27,140	32,774	36,888	36,842
Textile mill products	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,554*	7,815*	7,054*	7,839*	10,094*	10,961*	(D)	(D)	(D)	(D)	(D)	8,023
Paper and allied products	1,023	(D)	(D)	(D)	2,431*	3,204*	120,880	128,707	133,424	141,493	148,759	157,659
Printing and publishing	15,985	19,609	21,867	21,937	24,035	26,017	13,019	13,800	14,746	15,692	16,296	17,357
Chemicals and allied products	(D)	(D)	11,077*	11,420*	14,485	15,234*	3,406	4,853	3,912	3,930	6,274	6,857
Petroleum and coal products	37,131	36,590	36,780	36,074	31,426	33,451	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	10,648	11,639	7,172	6,694	7,762	11,059	17,414	18,517
Leather and leather products	(D)	2,313	2,783	1,016	971	(D)	(D)	(D)	(D)	103	(D)	(D)
Durable goods	98,396	99,829	104,435	95,550	98,452	117,174	212,752	215,206	231,273	228,569	259,343	293,614
Lumber and wood products	4,449	3,257	4,185	4,943	5,548	6,060	34,799	32,077	35,858	41,983	44,714	50,703
Furniture and fixtures	(D)	7,093*	6,790*	6,735*	7,068*	7,974*	4,140	4,405	3,799	3,850	4,808	4,540
Primary metal industries	25,914	(D)	(D)	(D)	(D)	(D)	38,890	42,361	33,539	23,041	36,046	42,112
Fabricated metal products	14,288	18,409	28,257	32,727	32,098	39,707	13,118	12,593	15,009	15,824	14,582	14,377
Machinery, except electrical	10,016	11,605	11,827	11,746	13,278	16,958	43,280	37,423	41,674	46,298	53,998	64,795
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	21,955	30,502	41,217	44,854	50,867	57,751
Transportation equip. excl. motor vehicles	(D)	910	1,382*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,613*	2,560*	3,274*	3,670*	6,083*	6,984*	(D)	(D)	810	(D)	(D)	1,194
Stone, clay, and glass products	17,233	18,779	20,900	17,728	16,250	23,144	3,004	2,982	2,223	2,012	2,847	4,562
Instruments and related products	3,997	4,527	3,348	3,249	3,627	3,571	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,908	2,187	2,530	3,057	3,603	3,501	2,110	1,924	1,958	2,014	2,276	2,143
Transportation and public utilities	137,089	141,806	151,812	162,405	164,458	187,987	96,115	100,607	107,573	116,640	103,465	102,232
Railroad transportation	3,625	3,142	2,839	2,556	1,781	1,062	24,431	21,799	21,209	21,118	21,730	22,793
Trucking and warehousing	40,349	42,157	45,590	50,859	52,816	66,210	25,028	24,271	26,503	30,784	35,258	41,334
Water transportation	5,335	8,932	8,179*	9,246	6,338*	6,689*	11,802	11,134	11,485	12,300	13,776	13,247
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,789	5,153	6,064	6,388	7,995	7,483
Communication	(D)	(D)	(D)	(D)	(D)	34,795	29,062	36,050	40,324	42,222	17,137	14,499
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	49,376	53,023	2,003	2,200	1,988	3,828	7,569	2,876
Wholesale trade	79,292	89,909	99,360	111,525	123,332	127,634	44,569	52,149	60,057	65,225	82,528	86,576
Retail trade	347,762	374,654	398,703	415,574	455,911	507,557	138,410	140,945	148,505	158,756	182,351	196,826
Finance, insurance, and real estate	82,069	100,609	110,604	135,895	131,483	139,979	54,834	53,375	62,067	79,594	106,776	115,478
Banking and credit agencies	45,135	53,715	50,235	53,560	55,000	58,301	20,716	21,943	24,642	29,066	(D)	(D)
Other finance, insurance, and real estate[9]	36,934	46,894	60,369	82,335	76,483	81,678	34,118	31,432	37,425	50,528	(D)	(D)
Services	532,092	597,642	654,060	728,815	815,646	898,683	231,306	261,154	292,482	320,644	363,947	400,755
Hotels and other lodging places	14,338	14,967	15,663	20,010	34,363	36,870	5,370	6,190	7,895	11,642	13,597	12,654
Personal services	28,288	35,313	38,449	40,785	46,814	54,399	14,450	17,843	20,912	21,968	24,384	28,667
Private households	8,163	8,343	8,495	8,655	9,319	9,967	3,288	3,329	3,352	3,396	3,651	3,901
Business services	92,448	101,285	104,351	114,027	136,658	148,808	36,162	41,024	46,308	57,256	65,706	71,512
Auto repair, services, and garages	36,787	41,394	45,802	48,144	51,166	55,578	17,517	19,558	22,204	22,706	21,960	23,551
Miscellaneous repair services	21,197	23,772	23,863	20,622	26,843	23,050	7,773	7,095	9,158	8,700	9,267	10,591
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	5,715	7,294	8,067	9,671	10,865	12,436
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	836	708	(D)	1,194
Health services	211,291	236,503	261,306	295,009	319,772	358,760	85,160	97,534	104,716	110,638	126,814	141,757
Legal services	17,317	19,615	21,767	22,799	25,784	27,579	12,032	14,182	16,879	18,896	23,893	27,278
Educational services	18,697	20,999	20,137	22,061	24,350	28,954	5,172	6,306	6,547	7,413	8,152	7,874
Social services	13,830	17,022	21,231	25,085	22,610	23,220	8,263	8,806	8,881	10,393	11,999	13,577
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	0
Membership organizations	26,125	28,908	30,031	32,195	36,433	39,075	13,678	14,414	13,920	14,880	17,671	18,090
Miscellaneous services	26,816	29,964	39,613	44,229	50,243	57,272	15,725	16,480	22,807	22,377	24,817	27,673
Government and government enterprises	1,062,021	1,144,537	1,178,304	1,275,406	1,352,327	1,418,499	254,460	276,710	288,620	301,960	321,694	348,900
Federal, civilian	452,745	489,252	472,231	503,141	542,320	545,156	73,295	80,503	79,379	79,602	82,512	85,192
Military	228,277	229,851	233,217	259,371	268,325	280,071	6,319	6,815	7,202	7,711	8,237	8,517
State and local	380,999	425,434	472,856	512,894	541,682	593,272	174,846	189,392	202,039	214,647	230,945	255,191

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Victoria, TX (MSA)						Vineland—Millville—Bridgeton, NJ (PMSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**988,818**	**1,038,570**	**1,024,207**	**1,035,076**	**1,091,652**	**1,163,553**	**1,534,608**	**1,631,224**	**1,748,789**	**1,872,872**	**2,048,746**	**2,205,835**
Nonfarm personal income	983,862	1,032,848	1,018,590	1,024,663	1,080,200	1,153,923	1,516,353	1,611,393	1,728,989	1,852,067	2,026,995	2,183,306
Farm income[1]	4,956	5,722	5,617	10,413	11,452	9,630	18,255	19,831	19,800	20,805	21,751	22,529
Population (thousands)[2]	74.7	75.3	76.0	74.8	74.3	73.9	133.8	134.8	137.0	137.5	138.4	139.0
Per capita personal income (dollars)	**13,231**	**13,792**	**13,476**	**13,846**	**14,699**	**15,749**	**11,469**	**12,098**	**12,764**	**13,620**	**14,798**	**15,869**
Derivation of total personal income:												
Total earnings by place of work	686,702	716,080	676,454	681,182	711,331	735,032	1,036,631	1,088,656	1,192,180	1,306,900	1,422,851	1,504,140
Less: Personal contributions for social insurance[3]	36,612	40,476	38,674	38,962	41,804	45,195	64,028	70,337	82,142	90,129	102,494	112,189
Plus: Adjustment for residence	64,183	66,368	67,784	62,827	69,408	74,590	11,163	35,909	24,526	14,455	25,713	18,114
Equals: Net earnings by place of residence	714,273	741,972	705,564	705,047	738,935	764,427	983,766	1,054,228	1,134,564	1,231,226	1,346,070	1,410,065
Plus: Dividends, interest, and rent[5]	172,599	186,902	193,305	195,200	212,075	243,906	236,724	254,951	268,948	276,022	314,223	358,672
Plus: Transfer payments	101,946	109,696	125,338	134,829	140,642	155,220	314,118	322,045	345,277	365,624	388,453	437,098
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	538,484	559,399	514,176	510,640	526,249	542,955	851,224	891,510	985,484	1,077,587	1,170,486	1,235,591
Other labor income	55,279	53,697	50,814	50,059	52,083	54,250	89,926	87,930	97,353	104,485	111,796	120,234
Proprietors' income[6]	92,939	102,984	111,464	120,483	132,999	137,827	95,481	109,216	109,343	124,828	140,569	148,315
Farm	3,459	4,251	4,166	8,885	9,928	8,089	8,893	10,647	10,748	11,219	12,088	12,681
Nonfarm	89,480	98,733	107,298	111,598	123,071	129,738	86,588	98,569	98,595	113,609	128,481	135,634
Earnings by industry:												
Farm	4,956	5,722	5,617	10,413	11,452	9,630	18,255	19,831	19,800	20,805	21,751	22,529
Nonfarm	681,746	710,358	670,837	670,769	699,879	725,402	1,018,376	1,068,825	1,172,380	1,286,095	1,401,100	1,481,611
Private	605,110	627,409	583,501	578,769	601,573	619,893	847,299	885,001	972,610	1,071,464	1,165,478	1,226,308
Agricultural services, forestry, fisheries, and other[7]	2,647	2,570	2,275	2,936	3,113	3,237	6,876	7,232	7,648	9,348	9,675	9,038
Agricultural services	2,634	2,488	2,145	2,851	3,006	3,128	5,504	5,401	5,547	7,806	8,072	7,346
Forestry, fisheries, and other[7]	(L)	82	130	85	107	109	1,372	1,831	2,101	1,542	1,603	1,692
Mining	85,056	80,725	48,823	45,098	43,682	42,772	9,822	10,463	10,229	10,467	13,572	14,174
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,722	2,544	736	795	1,385	1,453
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	8,095	7,915	9,488	9,670	12,184	12,718
Construction	75,646	74,047	65,942	59,700	58,579	59,197	58,312	63,601	69,990	82,279	93,142	98,386
Manufacturing	98,763	100,752	101,295	102,524	115,426	113,284	337,000	331,694	369,745	397,879	407,477	436,931
Nondurable goods	71,078	71,696	76,138	78,454	91,084	89,944	96,228	103,473	113,296	122,108	125,595	136,543
Food and kindred products	3,111	3,235	4,550	5,205	5,685	5,791	39,274	43,390	51,617	58,183	62,061	70,029
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	51	(D)	(D)	19,296	19,695	18,002	16,193	13,754	16,313
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	9,785	9,733
Printing and publishing	4,453	4,927	4,767	4,842	5,064	5,605	8,332	9,066	9,786	11,361	12,722	13,010
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	77,847	6,673	7,179	6,718	5,844	6,149	6,570
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	17,098	18,488	18,775	19,730	20,056	19,804
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	27,685	29,056	25,157	24,070	24,342	23,340	240,772	228,221	256,449	275,771	281,882	300,388
Lumber and wood products	333	226	188	87	(D)	(D)	3,813	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	217	(D)	(D)	(D)	(D)	(D)	1,198	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	3,724	(D)	6,412	6,413	9,972	7,680	6,871	6,594
Machinery, except electrical	12,494	13,895	8,697	7,366	7,382	6,865	13,305	13,481	9,564	9,965	9,729	11,057
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	17,904	19,534	22,112	25,833	32,720	33,570
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	963	706	(D)
Stone, clay, and glass products	7,254	7,321	8,399	8,865	8,119	(D)	184,364	170,006	191,141	206,463	207,412	219,392
Instruments and related products	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	458	461	369	364	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	46,914	48,785	48,293	44,016	43,468	45,033	58,599	57,572	66,301	71,051	73,038	74,595
Railroad transportation	7,022	7,576	6,839	6,263	6,664	7,344	1,319	1,009	870	664	788	776
Trucking and warehousing	11,709	12,441	11,999	12,258	12,051	13,311	37,564	36,866	44,732	48,573	49,104	49,176
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	1,189	1,612	1,712	1,089	1,325	2,168	(D)	(D)	(D)	(D)	(D)	(D)
Communication	9,862	9,567	9,214	8,219	7,963	7,839	8,871	8,337	8,365	9,132	9,702	10,284
Electric, gas, and sanitary services	17,132	17,589	18,529	16,187	15,465	14,371	6,967	7,341	7,188	7,112	8,108	7,820
Wholesale trade	36,896	44,263	36,183	34,164	35,828	38,872	47,300	51,994	56,254	65,117	73,365	77,955
Retail trade	90,267	92,512	88,860	85,413	87,356	90,059	103,934	110,204	119,395	124,705	145,977	141,276
Finance, insurance, and real estate	31,149	35,164	35,707	41,562	40,141	38,968	52,750	58,503	64,449	77,768	85,702	91,347
Banking and credit agencies	19,269	22,245	20,714	19,849	(D)	(D)	(D)	16,178	(D)	(D)	(D)	26,013
Other finance, insurance, and real estate[9]	11,880	12,919	14,993	21,713	(D)	(D)	(D)	42,325	(D)	(D)	(D)	65,334
Services	137,772	148,591	156,123	163,356	173,980	188,471	172,706	193,738	208,599	232,850	263,530	282,606
Hotels and other lodging places	2,205	2,094	1,894	1,875	1,730	1,637	(D)	(D)	2,139	2,387	2,814	3,571
Personal services	8,101	9,380	10,062	9,724	11,395	15,686	9,507	12,004	11,990	12,212	15,219	18,119
Private households	4,940	5,031	5,092	5,094	5,379	5,660	1,528	1,539	1,541	1,543	1,632	1,705
Business services	23,152	26,770	24,717	22,797	23,057	23,748	27,887	34,500	37,578	47,577	47,835	47,738
Auto repair, services, and garages	6,725	5,292	5,771	5,575	5,760	5,883	13,995	16,844	17,816	16,053	16,983	17,656
Miscellaneous repair services	4,778	3,813	3,228	3,271	4,009	4,515	5,039	4,610	4,754	4,140	4,750	5,210
Amusement and recreation services	1,723	1,976	2,256	2,441	2,317	2,461	1,481	1,744	2,122	2,274	2,642	3,072
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	372	339	428	405
Health services	53,394	58,929	64,475	73,398	78,821	85,051	72,903	77,966	82,682	94,707	108,870	116,476
Legal services	6,443	6,936	8,400	9,129	10,203	10,776	12,873	14,314	15,602	16,439	19,186	20,551
Educational services	2,072	2,323	2,507	3,015	3,302	3,588	2,733	2,802	2,850	3,159	3,263	3,580
Social services	6,239	6,507	7,690	7,605	7,767	8,161	9,409	10,756	12,096	13,789	17,149	19,529
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	4,229	4,520	4,745	5,099	5,694	6,013	7,929	8,199	9,133	10,227	11,640	12,408
Miscellaneous services	12,940	14,173	14,533	13,653	13,839	14,665	5,072	6,280	7,924	8,004	11,119	12,586
Government and government enterprises	76,636	82,949	87,336	92,000	98,306	105,509	171,077	183,824	199,770	214,631	235,622	255,303
Federal, civilian	6,932	7,334	7,346	7,424	8,073	8,132	10,360	11,001	11,355	12,200	13,251	15,732
Military	1,211	1,382	1,481	1,569	1,617	1,666	2,645	2,586	2,933	3,180	3,316	3,441
State and local	68,493	74,233	78,509	83,007	88,616	95,711	158,072	170,237	185,482	199,251	219,055	236,130

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Visalia—Tulare—Porterville, CA (MSA)						Waco, TX (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**2,923,044**	**3,122,690**	**3,384,213**	**3,606,225**	**3,905,746**	**4,163,832**	**2,113,169**	**2,262,685**	**2,339,287**	**2,385,941**	**2,516,927**	**2,696,823**
Nonfarm personal income	2,586,058	2,757,854	2,941,563	3,127,638	3,368,929	3,676,506	2,105,156	2,249,267	2,324,420	2,367,196	2,498,241	2,675,337
Farm income[1]	336,986	364,836	442,650	478,587	536,817	487,326	8,013	13,418	14,867	18,745	18,686	21,486
Population (thousands)[2]	273.1	280.0	285.6	291.6	297.9	304.6	182.7	185.2	187.6	188.6	188.0	188.9
Per capita personal income (dollars)	**10,703**	**11,154**	**11,850**	**12,369**	**13,110**	**13,668**	**11,567**	**12,220**	**12,467**	**12,650**	**13,385**	**14,276**
Derivation of total personal income:												
Total earnings by place of work	1,910,830	2,026,302	2,231,179	2,406,260	2,591,271	2,705,671	1,518,381	1,609,838	1,644,258	1,662,176	1,751,717	1,831,267
Less: Personal contributions for social insurance[3]	95,171	105,643	115,437	125,514	140,269	158,600	83,405	92,806	95,568	97,001	105,388	114,723
Plus: Adjustment for residence	78,556	82,272	84,801	99,298	109,533	117,202	−31,669	−32,657	−34,552	−33,118	−34,482	−33,015
Equals: Net earnings by place of residence	1,894,215	2,002,931	2,200,543	2,380,044	2,560,535	2,664,273	1,403,307	1,484,375	1,514,138	1,532,057	1,611,847	1,683,529
Plus: Dividends, interest, and rent[5]	450,931	467,291	476,656	486,632	541,953	631,517	383,702	423,047	438,749	444,012	477,925	550,578
Plus: Transfer payments	577,898	652,468	707,014	739,549	803,258	868,042	326,160	355,263	386,400	409,872	427,155	462,716
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,281,063	1,361,301	1,470,816	1,583,342	1,672,210	1,796,848	1,222,225	1,293,562	1,306,936	1,311,260	1,377,184	1,428,555
Other labor income	127,704	130,448	142,200	151,350	161,585	178,742	120,238	121,444	128,047	127,159	136,495	145,897
Proprietors' income[6]	502,063	534,553	618,163	671,568	757,476	730,081	175,918	194,832	209,275	223,757	238,038	256,815
Farm	229,224	256,072	334,205	363,220	417,125	368,351	4,575	10,049	11,547	15,238	15,187	17,950
Nonfarm	272,839	278,481	283,958	308,348	340,351	361,730	171,343	184,783	197,728	208,519	222,851	238,865
Earnings by industry:												
Farm	336,986	364,836	442,650	478,587	536,817	487,326	8,013	13,418	14,867	18,745	18,686	21,486
Nonfarm	1,573,844	1,661,466	1,788,529	1,927,673	2,054,454	2,218,345	1,510,368	1,596,420	1,629,391	1,643,431	1,733,031	1,809,781
Private	1,246,092	1,298,999	1,394,374	1,491,189	1,581,395	1,721,088	1,285,166	1,353,409	1,380,153	1,379,207	1,450,022	1,511,115
Agricultural services, forestry, fisheries, and other[7]	140,156	137,071	151,373	170,064	178,894	201,881	2,608	2,582	3,039	3,474	3,418	3,746
Agricultural services	139,186	136,425	150,583	169,221	178,087	200,752	2,571	2,486	2,911	3,387	3,314	3,642
Forestry, fisheries, and other[7]	970	646	790	843	807	1,129	(L)	96	128	87	104	104
Mining	2,921	3,811	1,688	1,403	2,174	2,315	10,004	10,537	8,237	7,195	7,529	8,421
Coal mining	81	94	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,796	3,667	1,443	1,324	2,094	2,233	7,124	7,585	5,254	4,325	5,054	5,964
Metal mining	(D)	(L)	(L)	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(L)	(D)	(L)	(L)	(L)	2,868	2,939	2,970	2,864	2,469	2,450
Construction	121,121	127,306	137,878	143,079	152,218	165,097	115,942	122,743	125,545	120,959	123,221	112,479
Manufacturing	237,261	246,069	260,371	270,666	279,375	312,517	335,746	350,244	345,642	323,481	344,443	369,809
Nondurable goods	123,750	128,588	138,160	144,880	143,867	162,941	165,494	165,327	159,804	150,009	154,032	168,596
Food and kindred products	61,327	63,250	67,819	71,850	66,162	84,059	49,972	58,081	62,198	63,267	68,392	70,123
Textile mill products	(D)	(D)	0	0	0	0	(D)	(D)	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	18,312	17,574	17,820	19,251	20,074	21,482
Paper and allied products	6,346	5,413	5,922	5,691	(D)	5,542	17,585	18,102	22,048	27,071	31,203	35,361
Printing and publishing	39,372	42,894	44,539	43,435	49,658	49,584	16,338	18,119	19,461	20,658	23,600	25,082
Chemicals and allied products	2,157	2,339	2,568	3,521	3,782	(D)	439	373	400	750	493	870
Petroleum and coal products	195	392	392	424	448	431	(D)	160	138	193	190	249
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,340	6,350	8,782	11,259	12,064	(D)	(D)	(D)	(D)	(D)	(D)	15,429
Leather and leather products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	0
Durable goods	113,511	117,481	122,211	125,786	135,508	149,576	170,252	184,917	185,838	173,472	190,411	201,213
Lumber and wood products	23,322	32,276	36,618	36,736	39,815	43,755	40,353	41,653	37,270	24,233	18,603	18,842
Furniture and fixtures	(D)	(D)	(D)	(D)	464	497	7,815	8,644	7,832	(D)	(D)	8,517
Primary metal industries	15,046	14,509	17,373	24,442	24,776	27,187	0	0	(D)	0	0	(D)
Fabricated metal products	22,903	22,263	23,902	16,384	(D)	(D)	25,460	27,555	22,908	17,081	16,929	19,107
Machinery, except electrical	8,607	8,202	6,923	7,813	10,341	18,707	17,471	18,545	20,575	22,782	25,795	26,190
Electric and electronic equipment	28,206	26,801	23,212	24,821	25,977	26,558	9,898	8,647	8,831	10,059	13,341	16,340
Transportation equip. excl. motor vehicles	(D)	322	346	515	421	497	17,917	21,693	26,835	34,545	46,027	50,170
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,201	1,390	2,318	2,881
Stone, clay, and glass products	7,143	5,586	6,319	5,930	6,047	7,038	38,252	42,980	46,859	41,182	44,106	42,768
Instruments and related products	598	1,281	1,361	1,530	2,520	2,932	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	97	151	115	265	817	103	6,387	6,257	5,794	6,316	7,014	7,496
Transportation and public utilities	124,802	124,973	131,298	137,566	138,002	144,975	103,575	105,234	109,298	107,997	110,053	122,990
Railroad transportation	509	581	769	895	895	957	11,107	8,071	7,199	6,440	6,603	6,869
Trucking and warehousing	64,703	62,858	67,859	73,250	74,824	78,127	36,173	37,542	36,495	35,157	36,372	37,966
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,640	(D)
Communication	23,968	22,964	22,327	21,917	18,563	19,738	20,723	22,855	22,673	23,914	24,824	25,128
Electric, gas, and sanitary services	29,354	31,909	33,480	34,547	35,836	36,893	27,014	29,249	33,075	33,011	32,598	33,302
Wholesale trade	89,098	88,888	94,661	100,247	106,503	114,956	113,857	109,357	102,195	97,030	102,861	101,291
Retail trade	207,560	211,810	218,561	227,324	245,549	262,600	186,665	193,202	195,301	197,110	196,813	203,256
Finance, insurance, and real estate	47,907	53,350	58,572	71,772	76,703	80,642	98,181	107,880	110,228	114,102	118,711	121,508
Banking and credit agencies	25,587	27,394	27,615	29,301	33,499	34,310	32,264	35,919	38,258	36,534	37,538	38,584
Other finance, insurance, and real estate[9]	22,320	25,956	30,957	42,471	43,204	46,332	65,917	71,961	71,970	77,568	81,173	82,924
Services	275,266	305,721	339,972	369,068	401,977	436,105	318,588	351,630	380,668	407,859	442,973	467,615
Hotels and other lodging places	(D)	6,139	6,913	7,902	8,559	8,799	(D)	(D)	6,062	6,107	5,396	5,082
Personal services	13,566	16,141	16,157	17,483	20,298	24,532	28,185	32,603	34,049	35,428	36,224	39,419
Private households	9,443	9,650	9,819	10,000	10,780	11,535	8,842	9,011	9,126	9,132	9,632	10,134
Business services	40,906	47,137	51,529	56,612	61,468	66,462	38,219	44,941	49,000	53,579	62,423	65,436
Auto repair, services, and garages	19,622	23,244	22,286	22,258	23,296	25,676	19,312	21,509	22,784	21,903	22,545	23,536
Miscellaneous repair services	17,478	17,046	18,113	16,405	19,036	22,970	6,802	6,322	6,461	6,595	7,159	7,450
Amusement and recreation services	3,569	3,856	4,591	4,912	5,417	6,014	4,245	4,559	5,257	5,808	6,003	6,120
Motion pictures	601	421	497	472	544	483	662	733	761	273	626	338
Health services	89,731	99,131	109,359	122,105	128,767	137,619	99,495	106,797	117,572	131,338	141,737	153,578
Legal services	11,177	12,986	14,290	14,506	16,448	18,035	19,806	20,927	24,530	25,701	29,869	31,138
Educational services	(D)	6,646	7,971	9,245	10,893	12,400	(D)	(D)	(D)	(D)	(D)	(D)
Social services	11,681	14,090	20,524	23,795	25,182	22,451	13,190	13,953	11,953	12,665	14,051	15,219
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)
Membership organizations	17,746	19,328	20,648	21,812	24,465	26,069	15,993	18,596	19,042	20,080	21,054	23,066
Miscellaneous services	28,852	29,906	37,275	41,561	46,824	53,060	21,007	22,560	27,591	28,479	27,990	30,391
Government and government enterprises	327,752	362,467	394,155	436,484	473,059	497,257	225,202	243,011	249,238	264,224	283,009	298,666
Federal, civilian	25,634	27,156	27,402	30,292	34,024	34,400	73,181	77,076	75,990	79,178	84,517	88,595
Military	4,379	5,175	5,592	5,765	5,985	6,188	3,579	4,048	4,319	4,475	4,729	5,389
State and local	297,739	330,136	361,161	400,427	433,050	456,669	148,442	161,887	168,929	180,571	193,763	204,682

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Washington, DC—MD—VA (MSA)						Waterloo—Cedar Falls, IA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**60,248,348**	**66,042,263**	**71,434,575**	**78,593,896**	**86,816,589**	**94,453,819**	**1,856,213**	**1,858,808**	**1,853,668**	**1,933,788**	**2,059,667**	**2,232,995**
Nonfarm personal income	60,161,110	65,956,229	71,338,367	78,475,423	86,696,417	94,340,536	1,832,224	1,818,594	1,796,619	1,885,714	2,025,979	2,192,209
Farm income[1]	87,238	86,034	96,208	118,473	120,172	113,283	23,989	40,214	57,049	48,074	33,688	40,786
Population (thousands)[2]	3,439.0	3,493.6	3,576.6	3,654.1	3,734.2	3,801.7	160.0	155.8	150.9	148.3	147.8	146.4
Per capita personal income (dollars)	**17,519**	**18,904**	**19,973**	**21,508**	**23,249**	**24,845**	**11,599**	**11,934**	**12,283**	**13,043**	**13,940**	**15,248**
Derivation of total personal income:												
Total earnings by place of work	49,155,913	54,521,515	59,703,048	66,573,526	73,823,943	79,649,052	1,392,524	1,356,132	1,326,940	1,439,819	1,573,089	1,691,949
Less: Personal contributions for social insurance[3]	3,009,355	3,457,258	3,757,592	4,046,596	4,561,516	4,995,787	84,925	86,140	85,538	95,969	110,693	123,811
Plus: Adjustment for residence	−3,083,265	−3,535,965	−4,015,534	−4,620,980	−5,145,463	−5,509,587	−97,237	−86,282	−74,610	−87,446	−100,156	−109,455
Equals: Net earnings by place of residence	43,063,293	47,528,292	51,929,922	57,905,950	64,116,964	69,143,678	1,210,362	1,183,710	1,166,792	1,256,404	1,362,240	1,458,683
Plus: Dividends, interest, and rent[5]	9,366,720	10,194,852	10,957,406	11,536,407	12,851,101	14,851,477	353,626	358,321	357,716	341,729	348,129	395,548
Plus: Transfer payments	7,818,335	8,319,119	8,547,247	9,151,539	9,848,524	10,458,664	292,225	316,777	329,160	335,655	349,298	378,764
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	42,853,189	47,455,700	51,883,696	57,429,329	63,498,286	68,341,922	1,140,348	1,092,670	1,044,110	1,149,913	1,270,703	1,361,910
Other labor income	3,130,653	3,335,193	3,689,440	4,132,619	4,641,436	5,184,344	121,177	108,931	104,046	114,304	126,255	137,560
Proprietors' income[6]	3,172,071	3,730,622	4,129,912	5,011,578	5,684,221	6,122,786	130,999	154,531	178,784	175,602	176,131	192,479
Farm	64,384	63,743	74,316	95,699	97,623	90,676	17,278	33,939	51,137	42,248	28,185	35,666
Nonfarm	3,107,687	3,666,879	4,055,596	4,915,879	5,586,598	6,032,110	113,721	120,592	127,647	133,354	147,946	156,813
Earnings by industry:												
Farm	87,238	86,034	96,208	118,473	120,172	113,283	23,989	40,214	57,049	48,074	33,688	40,786
Nonfarm	49,068,675	54,435,481	59,606,840	66,455,053	73,703,771	79,535,769	1,368,535	1,315,918	1,269,891	1,391,745	1,539,401	1,651,163
Private	31,814,414	36,073,595	40,683,243	46,273,515	51,966,164	55,975,107	1,174,966	1,110,900	1,056,632	1,167,428	1,301,278	1,398,699
Agricultural services, forestry, fisheries, and other[7]	284,376	313,519	349,761	415,765*	455,615*	497,646*	4,594	3,762	3,718	5,024	5,314	5,463
Agricultural services	129,019	146,958	171,532	216,094*	245,779*	278,978	4,471	3,659	3,631	4,934	5,221	5,376
Forestry, fisheries, and other[7]	155,357	166,561	178,229	200,170	210,772	221,163*	123	103	87	90	93	87
Mining	111,489	150,481	67,992	71,422*	99,651*	102,825*	3,131	4,051	2,248	2,252	3,026	2,796
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	76,026*	111,472*	35,266*	36,627*	(D)	69,608*	(D)	(D)	(D)	908	(D)	1,340
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,344	(D)	1,456
Construction	2,704,414	3,251,216	3,900,129	4,451,559	5,134,202	5,431,567	(D)	47,582	50,997	50,845	58,303	63,099
Manufacturing	2,205,142	2,484,022	2,773,988	2,926,441	3,260,132	3,367,688	544,607	475,908	399,848	481,156	554,483	599,101
Nondurable goods	1,107,590	1,231,004	1,285,676*	1,445,393*	1,628,892	1,638,392	75,952	53,730	54,704	63,334	66,415	73,414
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	8,428	8,782	8,774	9,155	9,725	9,951
Printing and publishing	778,170	882,258	955,192*	1,066,089*	1,219,368*	1,282,957*	16,668	17,215	18,300	23,408	24,957	26,703
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	310	542
Petroleum and coal products	14,944*	15,545	14,349*	13,953*	13,660*	11,817*	1,350	1,612	1,470	1,668	1,542	1,705
Tobacco manufactures	1,423	1,404	(L)	(D)	(D)	2,617	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	350	377	1,368*
Leather and leather products	4,349*	4,102*	4,643*	5,123*	4,497*	4,188*	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,097,552	1,253,018	(D)	1,473,836*	1,631,240	1,729,296	468,655	422,178	345,144	417,822	488,068	525,687
Lumber and wood products	(D)	(D)	(D)	57,621	62,670*	63,093*	2,747*	3,662*	5,170*	7,404*	9,151*	11,891*
Furniture and fixtures	20,753*	24,962*	22,855*	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	829	990	1,007	992	1,527	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	27,059	28,075*	30,850*	34,058*	38,448*	37,535*
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,966	1,575	1,978	1,951	2,848*	3,424*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,170	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	3,885*	3,235*	3,525*	(D)	2,982*	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	609	462	413	460	517	1,043
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,884	2,790*	2,949*	2,834
Transportation and public utilities	2,889,732	3,195,132	3,565,859	4,156,318	4,659,691	5,003,913	66,446	62,675	60,035	57,434	63,370	67,950
Railroad transportation	101,127	104,184*	(D)	(D)	(D)	109,285*	13,471	12,114	9,327	5,970*	6,846	7,983
Trucking and warehousing	(D)	(D)	(D)	494,638	515,615	541,709	23,101	22,444	21,498	23,220	26,182	27,523
Water transportation	6,490*	(D)	(D)	10,275*	10,487*	(D)	(L)	(L)	(D)	(D)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,783*
Communication	1,299,608*	1,475,264*	1,600,425*	1,955,467*	2,297,711*	2,502,452*	16,508	15,644	14,139	14,011	15,313	16,195
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8,577*
Wholesale trade	2,115,219	2,318,619	2,544,203	2,765,349	3,081,753	3,320,114	(D)	66,431	66,481	68,974	76,562	84,098
Retail trade	4,136,000	4,601,428	5,113,404	5,610,711	6,122,353	6,544,842	125,711	123,098	123,271	128,079	143,640	154,791
Finance, insurance, and real estate	2,460,940	2,798,516	3,257,762	4,090,102	4,317,205	4,551,044	65,545	65,869	71,038	80,189	73,858	73,751
Banking and credit agencies	917,188*	1,020,811*	1,230,444*	1,323,276*	1,515,527*	1,569,893*	(D)	(D)	33,195	34,231	(D)	33,689
Other finance, insurance, and real estate[9]	1,541,535*	1,775,366*	2,024,427*	2,428,399*	2,717,266*	2,890,091*	(D)	(D)	37,843	45,958	(D)	40,062
Services	14,907,102	16,960,662	19,110,145	21,779,218	24,823,271	27,147,589	242,444	261,524	278,996	293,475	322,722	347,650
Hotels and other lodging places	391,536*	457,688*	500,599*	621,913	653,245*	645,837*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	375,884	461,739	501,607	531,385	601,950	676,988	15,820	17,847	19,130	19,859	24,597	27,063
Private households	260,535	262,123	257,074*	258,141*	273,472*	286,149*	3,343	3,313	3,255	3,217	3,391	3,549
Business services	4,694,822	5,664,495	6,483,783	7,561,535	8,662,544	9,438,811	33,471	41,455	47,559	46,584	50,165	54,208
Auto repair, services, and garages	(D)	(D)	(D)	(D)	(D)	(D)	11,216	11,212	11,122	11,622	12,304	13,363
Miscellaneous repair services	129,983	135,876	150,082	158,336	181,851	178,022	4,408	4,192	5,002	4,965	6,451	7,271
Amusement and recreation services	176,130	195,320	212,934	249,082*	321,170*	(D)	3,675	3,774	4,335	5,091	5,771	5,744
Motion pictures	42,691*	(D)	(D)	(D)	(D)	(D)	464*	486*	547*	584*	632*	617*
Health services	2,423,718	2,644,762	2,922,638	3,374,024	3,834,219	4,223,507	110,535	114,942	121,599	132,759	142,591	153,516
Legal services	1,789,551	1,935,232	2,195,047	2,452,415	2,904,581	3,242,118	14,607	17,665	18,734	18,118	19,886	20,956
Educational services	693,748*	762,956*	786,122*	886,861*	970,307*	1,085,654	(D)	(D)	(D)	(D)	(D)	(D)
Social services	304,876*	344,452	395,119	455,102	499,930	567,451	8,054	9,390	10,248	10,721	11,954	14,101
Museums, botanical, zoological gardens	(D)	7,332*	8,157*	(D)	(D)	12,983*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	1,208,051	1,327,646	1,460,357	1,619,019	1,816,556	1,961,773	10,711	9,932	9,783	10,241	11,135	11,643
Miscellaneous services	2,090,919	2,360,360	2,778,356	3,118,405	3,531,968	3,838,766	12,360	(D)	(D)	12,462	16,083	16,951
Government and government enterprises	17,254,261	18,361,886	18,923,597	20,181,538	21,737,607	23,560,662	193,569	205,018	213,259	224,317	238,123	252,464
Federal, civilian	11,305,925	11,910,735	11,916,782	12,611,072	13,550,164	14,690,328	16,020	16,817	16,659	17,397	18,780	19,571
Military	1,934,313	2,131,939	2,267,155	2,326,806	2,358,873	2,441,008	2,882	3,004	3,466	3,862	4,247	4,496
State and local	4,014,023	4,319,212	4,739,660	5,243,660	5,828,570	6,429,326	174,667	185,197	193,134	203,058	215,096	228,397

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Wausau, WI (MSA)						West Palm Beach—Boca Raton—Delray Beach, FL (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,241,471**	**1,309,413**	**1,399,690**	**1,483,671**	**1,580,543**	**1,733,681**	**12,249,263**	**13,970,810**	**15,218,990**	**17,000,867**	**18,610,917**	**20,707,410**
Nonfarm personal income	1,197,699	1,269,631	1,343,812	1,420,425	1,527,606	1,655,519	11,971,395	13,629,533	14,841,506	16,687,530	18,297,397	20,385,846
Farm income[1]	43,772	39,782	55,878	63,246	52,937	78,162	277,868	341,277	377,484	313,337	313,520	321,564
Population (thousands)[2]	112.9	112.8	111.8	112.3	113.4	113.7	693.6	724.3	753.8	785.8	818.5	851.5
Per capita personal income (dollars)	**10,999**	**11,606**	**12,524**	**13,212**	**13,942**	**15,243**	**17,662**	**19,288**	**20,191**	**21,636**	**22,739**	**24,319**
Derivation of total personal income:												
Total earnings by place of work	909,182	960,486	1,034,514	1,123,054	1,209,643	1,331,154	6,308,226	7,153,352	7,991,930	9,175,765	10,021,890	10,630,170
Less: Personal contributions for social insurance[3]	53,657	60,633	64,076	71,746	82,146	92,617	341,696	406,178	456,389	504,633	579,488	643,985
Plus: Adjustment for residence	10,599	6,338	7,173	6,538	4,825	1,405	−82,678	−86,221	−109,013	−136,790	−147,883	−116,133
Equals: Net earnings by place of residence	866,124	906,191	977,611	1,057,846	1,132,322	1,239,942	5,883,852	6,660,953	7,426,528	8,534,342	9,294,519	9,870,052
Plus: Dividends, interest, and rent[5]	194,776	208,698	222,260	217,680	229,809	260,898	4,634,582	5,448,032	5,807,384	6,324,282	7,025,204	8,282,406
Plus: Transfer payments	180,571	194,524	199,819	208,145	218,412	232,841	1,730,829	1,861,825	1,985,078	2,142,243	2,291,194	2,554,952
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	718,214	766,002	810,209	875,843	952,495	1,031,065	5,099,830	5,722,790	6,394,445	7,237,878	8,048,420	8,555,710
Other labor income	77,033	78,739	84,512	90,847	99,392	109,200	489,303	527,872	595,415	655,503	719,476	766,254
Proprietors' income[6]	113,935	115,745	139,793	156,364	157,756	190,889	719,093	902,690	1,002,070	1,282,384	1,253,994	1,308,206
Farm	32,155	28,450	44,837	51,747	41,515	66,790	166,508	229,109	264,431	192,466	190,528	194,651
Nonfarm	81,780	87,295	94,956	104,617	116,241	124,099	552,585	673,581	737,639	1,089,918	1,063,466	1,113,555
Earnings by industry:												
Farm	43,772	39,782	55,878	63,246	52,937	78,162	277,868	341,277	377,484	313,337	313,520	321,564
Nonfarm	865,410	920,704	978,636	1,059,808	1,156,706	1,252,992	6,030,358	6,812,075	7,614,446	8,862,428	9,708,370	10,308,606
Private	758,787	801,986	856,375	931,665	1,022,515	1,111,405	5,400,976	6,111,549	6,828,412	7,962,592	8,692,572	9,163,296
Agricultural services, forestry, fisheries, and other[7]	2,798	2,657	2,518	3,554	3,672	4,231	88,176	102,295	115,351	132,825	147,529	158,685
Agricultural services	2,385	2,396	2,502	3,491	3,670	4,074	86,447	99,103	110,451	128,634	142,226	153,124
Forestry, fisheries, and other[7]	413	261	(L)	63	(L)	157	1,729	3,192	4,900	4,191	5,303	5,561
Mining	2,240	2,784	1,703	1,613	1,992	2,238	61,749	98,017	27,812	29,667	48,170	50,561
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,287	1,802	553	591	882	932	60,604	97,133	26,905	29,091	47,430	49,821
Metal mining	(L)	(L)	0	0	0	0	(D)	(D)	(D)	0	0	0
Nonmetallic minerals, except fuels	964	988	1,150	1,022	1,110	1,306	(D)	(D)	(D)	549	707	706
Construction	41,611	44,410	54,041	58,307	64,884	67,194	607,877	679,407	736,893	792,828	884,449	894,706
Manufacturing	268,736	286,529	312,057	343,415	376,312	416,569	1,096,904	1,219,502	1,287,463	1,313,420	1,374,118	1,325,514
Nondurable goods	116,596	126,933	137,823	148,446	155,547	170,937	163,982	169,221	184,497	191,550	217,324	239,249
Food and kindred products	32,219	31,857	34,774	38,029	40,717	43,387	73,352	75,234	78,009	75,221	84,718	98,885
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	7,121	5,407	5,766	6,451	5,444	6,568
Paper and allied products	73,090	83,241	90,647	95,985	100,109	102,283	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,593	3,034	3,434	4,157	4,345	14,541	66,107	70,753	79,897	87,785	102,633	107,478
Chemicals and allied products	(D)	(D)	(D)	(D)	5,842	5,512	10,500	11,115	12,065	11,517	12,216	13,753
Petroleum and coal products	192	144	196	413	496	477	429	117	266	(D)	(D)	593
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,296	2,821	3,139	3,679	3,143	3,599	4,348	4,850	6,734	8,331	9,535	10,613
Leather and leather products	(D)	0	0	0	0	(D)	1,159	801	737	869	669	551
Durable goods	152,140	159,596	174,234	194,969	220,765	245,632	932,922	1,050,281	1,102,966	1,121,870	1,156,794	1,086,265
Lumber and wood products	41,158	39,960	49,914	58,908	64,726	73,656	11,350	10,886	13,092	14,008	16,103	18,646
Furniture and fixtures	(D)	(D)	319	427	578	620	11,822	13,401	17,789	13,446	13,958	13,922
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,931	3,435	4,150	2,847	2,800	2,468
Fabricated metal products	31,797	33,973	37,566	39,178	44,788	53,872	19,077	22,677	20,725	22,229	24,941	24,813
Machinery, except electrical	36,006	37,779	40,047	48,187	57,682	58,742	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	112,990	146,396	169,247	176,378	149,382	125,254
Transportation equip. excl. motor vehicles	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,576	5,035	6,241	6,899	6,548	7,074
Stone, clay, and glass products	11,323	11,807	12,028	12,783	16,370	20,856	37,040	38,586	41,258	44,041	50,009	45,723
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	13,253	15,814	16,636	17,624	19,507	19,020
Miscellaneous manufacturing industries	2,246	2,370	2,819	3,240	3,454	3,122	6,002	7,395	7,669	7,008	7,210	8,186
Transportation and public utilities	62,355	68,691	71,704	75,692	86,001	88,829	309,867	321,055	348,131	417,404	437,697	486,266
Railroad transportation	1,276	386	369	368	388	(D)	1,922	1,830	1,948	2,065	2,332	2,521
Trucking and warehousing	26,882	30,132	33,526	39,017	45,901	51,388	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	0	0	0	0	0	(D)	11,553	13,746	14,578	16,937	6,496	6,415
Other transportation[8]	3,993	10,489	9,999	7,376	6,041	5,478	45,606	45,110	49,247	54,582	71,106	80,679
Communication	17,600	15,995	15,817	16,521	19,885	17,134	112,917	111,201	114,725	138,572	142,121	160,645
Electric, gas, and sanitary services	12,604	11,689	11,993	12,410	13,786	14,357	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	66,363	70,517	72,138	76,275	82,654	91,605	302,964	359,609	399,326	476,176	571,027	581,856
Retail trade	83,025	85,085	91,543	94,290	103,034	108,822	772,864	862,229	985,307	1,111,101	1,229,570	1,300,347
Finance, insurance, and real estate	81,089	77,957	77,417	89,904	91,753	97,542	436,115	509,957	624,575	998,236	880,035	859,628
Banking and credit agencies	12,310	12,615	14,422	15,341	15,175	15,745	174,065	199,956	234,180	255,142	269,000	270,921
Other finance, insurance, and real estate[9]	68,779	65,342	62,995	74,563	76,578	81,797	262,050	310,001	390,395	743,094	611,035	588,707
Services	150,570	163,356	173,254	188,615	212,213	234,375	1,724,460	1,959,478	2,303,554	2,690,935	3,119,977	3,505,733
Hotels and other lodging places	2,570	2,642	2,456	2,483	2,850	3,106	115,314	123,980	142,933	144,520	154,889	163,128
Personal services	6,034	7,715	8,165	7,883	9,376	10,636	61,204	71,827	84,790	92,142	109,806	126,562
Private households	1,635	1,638	1,633	1,633	1,731	1,816	91,987	94,674	96,594	98,802	106,894	114,462
Business services	23,306	27,102	26,716	29,180	35,169	37,140	267,233	303,949	367,207	450,900	531,433	598,465
Auto repair, services, and garages	8,698	9,430	11,176	11,640	13,418	17,072	50,388	59,143	66,579	74,391	84,693	96,509
Miscellaneous repair services	4,454	4,823	5,440	5,620	6,340	7,828	43,955	45,106	50,660	52,893	54,341	56,267
Amusement and recreation services	2,357	2,589	3,435	3,798	4,145	4,497	94,627	95,647	108,263	129,745	155,132	167,357
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	3,312	3,742	4,365	4,420	5,753	6,442
Health services	56,343	61,272	65,380	74,049	79,602	85,682	490,460	571,570	647,573	786,472	928,069	1,047,414
Legal services	10,894	11,987	12,718	14,245	16,102	18,063	158,892	188,099	220,323	275,647	307,862	321,995
Educational services	2,641	2,868	2,951	3,037	3,223	3,439	26,166	29,137	32,558	36,577	41,378	44,783
Social services	1,852	2,095	2,163	2,419	2,902	3,602	27,406	27,883	33,725	45,117	56,597	67,279
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	1,657	2,077	1,932	2,067	2,244	2,307
Membership organizations	7,193	7,058	7,305	7,940	9,038	9,515	70,212	76,482	85,777	96,473	115,546	131,208
Miscellaneous services	22,215	21,747	23,395	24,358	27,918	31,533	221,647	266,162	360,275	400,769	465,340	561,555
Government and government enterprises	106,623	118,718	122,261	128,143	134,191	141,587	629,382	700,526	786,034	899,836	1,015,798	1,145,310
Federal, civilian	11,466	12,397	12,414	13,170	13,755	14,127	77,976	87,896	94,579	107,706	123,272	132,899
Military	3,420	3,784	4,100	4,378	4,560	4,697	9,678	10,918	11,708	12,098	12,802	13,176
State and local	91,737	102,537	105,747	110,595	115,876	122,763	541,728	601,712	679,747	780,032	879,724	999,235

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Wheeling, WV—OH (MSA)						Wichita, KS (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,902,188**	**1,932,871**	**1,973,532**	**2,043,332**	**2,163,404**	**2,301,356**	**6,458,291**	**6,775,003**	**7,190,216**	**7,490,103**	**7,954,649**	**8,500,514**
Nonfarm personal income	1,899,078	1,930,711	1,970,996	2,040,091	2,162,313	2,300,080	6,429,431	6,727,954	7,114,738	7,416,826	7,892,965	8,450,107
Farm income[1]	3,110	2,160	2,536	3,241	1,091	1,276	28,860	47,049	75,478	73,277	61,684	50,407
Population (thousands)[2]	182.1	179.0	174.7	173.0	171.5	169.1	461.1	465.7	468.3	474.3	483.1	488.9
Per capita personal income (dollars)	**10,444**	**10,800**	**11,294**	**11,811**	**12,613**	**13,608**	**14,005**	**14,549**	**15,353**	**15,791**	**16,465**	**17,387**
Derivation of total personal income:												
Total earnings by place of work	1,176,432	1,174,500	1,187,927	1,262,063	1,334,256	1,383,631	5,158,505	5,375,008	5,764,262	6,045,820	6,393,139	6,721,639
Less: Personal contributions for social insurance[3]	72,885	76,818	78,404	83,798	92,867	101,659	316,508	347,651	383,238	399,668	428,801	468,520
Plus: Adjustment for residence	11,067	2,076	5,048	−5,369	−15,898	−9,483	−170,518	−173,233	−195,543	−210,314	−217,241	−223,955
Equals: Net earnings by place of residence	1,114,614	1,099,758	1,114,571	1,172,896	1,225,491	1,272,489	4,671,479	4,854,124	5,185,481	5,435,838	5,747,097	6,029,164
Plus: Dividends, interest, and rent[5]	377,307	395,672	411,105	404,996	434,986	493,108	1,003,065	1,091,054	1,125,328	1,128,859	1,212,407	1,376,741
Plus: Transfer payments	410,267	437,441	447,856	465,440	502,927	535,759	783,747	829,825	879,407	925,406	995,145	1,094,609
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	962,702	960,588	969,705	1,025,516	1,086,264	1,122,328	4,182,248	4,350,586	4,633,185	4,853,358	5,115,641	5,374,887
Other labor income	109,364	102,103	101,662	103,872	108,843	115,420	470,143	465,037	507,414	523,180	553,780	592,301
Proprietors' income[6]	104,366	111,809	116,560	132,675	139,149	145,883	506,114	559,385	623,663	669,282	723,718	754,451
Farm	2,069	1,141	1,537	2,205	65	249	21,689	40,151	68,848	66,519	55,104	43,997
Nonfarm	102,297	110,668	115,023	130,470	139,084	145,634	484,425	519,234	554,815	602,763	668,614	710,454
Earnings by industry:												
Farm	3,110	2,160	2,536	3,241	1,091	1,276	28,860	47,049	75,478	73,277	61,684	50,407
Nonfarm	1,173,322	1,172,340	1,185,391	1,258,822	1,333,165	1,382,355	5,129,645	5,327,959	5,688,784	5,972,543	6,331,455	6,671,232
Private	1,028,690	1,018,346	1,025,488	1,092,333	1,158,970	1,205,493	4,577,646	4,732,124	5,063,990	5,313,614	5,616,126	5,916,277
Agricultural services, forestry, fisheries, and other[7]	2,770	2,850	2,604	4,193	4,559	4,178	12,570	13,397	13,913	18,633	20,133	19,419
Agricultural services	2,666	2,764	2,503	4,110	4,463	4,086	(D)	(D)	(D)	(D)	(D)	19,306
Forestry, fisheries, and other[7]	104	86	101	83	96	92	(D)	(D)	(D)	(D)	(D)	113
Mining	121,615	105,665	98,923	106,201	110,117	(D)	118,461	120,785	88,610	76,635	72,860	68,574
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	403
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	115,404*	117,677*	(D)	73,706*	69,778*	65,463*
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	149	(D)	173
Nonmetallic minerals, except fuels	1,132	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	60,121	54,573	56,643	62,733	69,808	70,031	301,095	305,068	322,279	318,117	321,268	323,388
Manufacturing	237,032	225,229	214,962	221,919	240,935	247,076	1,683,590	1,698,571	1,899,057	1,974,871	2,057,708	2,201,820
Nondurable goods	139,631	137,744	129,984	135,600	148,353	155,587	261,099	260,755	272,643	286,287	301,142	295,155
Food and kindred products	13,702	13,815	13,642	12,823	13,747	13,372	85,343*	89,717*	91,945*	99,844*	94,777*	84,163*
Textile mill products	0	0	0	0	0	0	(D)	486	721	955	(D)	231*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	3,829	(D)	4,207	4,335	(D)	5,348
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10,514*	10,556*	10,956*	11,636*
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	52,824	55,666	58,435	57,142	70,850	75,456
Chemicals and allied products	103,833*	98,060*	95,677*	100,184*	109,086*	115,290*	(D)	(D)	37,222*	38,790*	40,459*	43,858*
Petroleum and coal products	3,415	3,513	2,123	2,164	2,018	1,049	51,549	43,453	46,680*	47,109*	48,116	45,047
Tobacco manufactures	4,418	4,504	(D)	(D)	(D)	(D)	(L)	(L)	119	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	17,906	17,623	21,878	(D)	24,777*	25,571*
Leather and leather products	0	0	0	0	0	0	(D)	0	0	0	0	0
Durable goods	97,401	87,485	84,978	86,319	92,582	91,489	1,422,491	1,437,816	1,626,414	1,688,584	1,756,566	1,906,665
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	12,843	11,946*	13,247*	13,814*	14,770*	16,228*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	4,766	4,229	3,945*	(D)	4,809	5,559
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	11,523	7,650	9,354	9,944	11,392	10,233
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	12,315*	80,890*	78,355*	79,082*	84,583*	85,844*	82,957*
Machinery, except electrical	25,619	25,550	22,338	23,238	24,893	25,171	(D)	(D)	148,822	151,173	168,634	175,509
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,920	13,671	14,612	16,089	19,144*
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	1,101,635*	1,109,050	1,290,506	1,332,100*	1,369,729*	1,514,912*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	7,574*	7,822*	3,955*	3,949*	3,958*	(D)
Stone, clay, and glass products	9,088	6,514	(D)	3,258	3,308	(D)	(D)	(D)	(D)	28,049*	31,461*	28,897*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	22,887*	24,521*	27,818*	27,485*	33,886*	36,786*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	7,575	7,662*	7,518*	8,274*	4,917*	4,810*
Transportation and public utilities	(D)	(D)	(D)	106,075	111,836	114,800	337,725	335,074	341,063	351,614	394,484	399,677
Railroad transportation	8,354	7,680	6,465	5,254	5,250	4,536	32,384	29,367	27,399	25,674	(D)	33,040
Trucking and warehousing	24,424	22,353	23,580	28,515	31,240	30,740	77,323	71,911	74,698	81,161	80,442	81,438
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	18,142	16,271*	16,099*	16,203	16,673	18,317	85,779	87,334	90,472	96,707	95,561	103,264*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	56,567*	66,101*	58,589*	57,990*	69,103*	74,628
Wholesale trade	57,005	57,584	58,103	64,238	66,708	68,454	333,836	358,677	363,572	366,480	386,609	399,613
Retail trade	142,216	145,257	149,408	152,736	167,208	171,101	493,696	516,542	539,490	555,969	597,107	618,457
Finance, insurance, and real estate	48,615	47,659	46,687	62,408	58,600	58,904	247,337	267,502	285,926	322,963	305,299	299,500
Banking and credit agencies	24,058	26,061	28,064	30,580	(D)	(D)	105,719	113,733	121,543	117,333*	108,435*	107,409*
Other finance, insurance, and real estate[9]	24,557	21,598	18,623	31,828	(D)	(D)	141,618	153,769	164,383	191,369*	183,498*	178,744*
Services	(D)	(D)	(D)	311,830	329,199	(D)	1,049,336	1,116,508	1,210,080	1,328,332	1,460,658	1,585,829
Hotels and other lodging places	3,311*	3,315*	4,032*	3,562	(D)	(D)	14,522	15,724	13,548	18,461	23,399	17,152
Personal services	13,966	17,483	17,288	(D)	21,321	23,274	59,629	72,090	78,623	80,476	90,487	97,488
Private households	4,859	4,827	4,758	4,699	4,897	5,071	14,388	14,425	14,400	14,416	15,308	16,067
Business services	14,314	15,705	18,288	19,223	23,666	26,429	199,294	206,624	232,801	263,608	301,425	357,604
Auto repair, services, and garages	9,354	10,196	10,116	9,973	10,362	10,576	46,785	50,571	54,529	57,295	57,565	59,843
Miscellaneous repair services	(D)	6,188	7,557	(D)	5,731	6,433	23,719	17,774	20,210	22,952	24,824	27,295
Amusement and recreation services	7,160	7,289	7,908	9,039	9,095	9,307	20,878*	17,987*	21,402	21,595	21,955	23,962
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,508*	1,568*	1,644*	1,783*	2,076*	2,659*
Health services	150,454	160,881	165,446	170,599	176,697	185,988	433,186	461,619	482,470	536,235	585,818	619,637
Legal services	15,667	17,291	18,986	19,271	22,053	24,126	73,755	81,402	89,375	89,183	106,091	107,928
Educational services	5,764	(D)	(D)	(D)	(D)	(D)	(D)	(D)	31,613	36,952	39,527	45,180
Social services	6,235	7,036	8,182	8,967	9,903	11,124	27,914	30,722	32,141	34,003	36,896	41,743
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	628*	746*	859*	915*	1,080*	1,340*
Membership organizations	13,269	12,967	13,468	14,064	15,042	15,574	30,580	30,685	32,029	33,391	36,573	38,037
Miscellaneous services	9,841	10,235	13,818	15,401	17,229	18,712	79,565	84,273	104,343	116,969	117,520	129,792
Government and government enterprises	144,632	153,994	159,903	166,489	174,195	176,862	551,999	595,835	624,794	658,929	715,329	754,955
Federal, civilian	18,357	20,138	19,761	20,423	22,046	22,924	110,848	120,185	120,012	127,252	142,718	146,537
Military	2,837	3,105	3,411	3,458	3,551	3,674	85,386	90,574	91,727	102,389	107,502	110,678
State and local	123,438	130,751	136,731	142,608	148,598	150,264	355,765	385,076	413,055	429,288	465,109	497,740

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Wichita Falls, TX (MSA)						Williamsport, PA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,660,455**	**1,713,138**	**1,729,786**	**1,755,872**	**1,861,503**	**1,984,582**	**1,271,517**	**1,339,818**	**1,429,142**	**1,543,327**	**1,679,215**	**1,795,381**
Nonfarm personal income	1,653,229	1,707,402	1,722,548	1,748,983	1,853,939	1,978,147	1,257,178	1,328,273	1,415,599	1,529,357	1,663,177	1,774,335
Farm income[1]	7,226	5,736	7,238	6,889	7,564	6,435	14,339	11,545	13,543	13,970	16,038	21,046
Population (thousands)[2]	126.5	126.5	126.8	126.0	124.6	123.9	117.1	116.3	116.2	117.4	118.3	118.8
Per capita personal income (dollars)	**13,122**	**13,548**	**13,646**	**13,931**	**14,939**	**16,014**	**10,857**	**11,516**	**12,299**	**13,143**	**14,197**	**15,106**
Derivation of total personal income:												
Total earnings by place of work	1,270,911	1,302,930	1,295,480	1,313,607	1,371,414	1,426,099	908,481	950,719	1,024,481	1,128,859	1,233,850	1,291,192
Less: Personal contributions for social insurance[3]	67,651	73,289	73,950	74,919	81,048	87,762	57,532	63,127	69,134	75,727	86,133	93,434
Plus: Adjustment for residence	−76,689	−77,808	−81,033	−80,215	−84,350	−87,828	−25,320	−25,090	−28,247	−32,956	−35,064	−33,084
Equals: Net earnings by place of residence	1,126,571	1,151,833	1,140,497	1,158,473	1,206,016	1,250,509	825,629	862,502	927,100	1,020,176	1,112,653	1,164,674
Plus: Dividends, interest, and rent[5]	310,425	320,617	324,972	318,499	345,606	397,312	196,521	212,894	221,782	235,111	259,505	298,764
Plus: Transfer payments	223,459	240,688	264,317	278,900	309,881	336,761	249,367	264,422	280,260	288,040	307,057	331,943
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,015,465	1,038,463	1,026,094	1,022,669	1,053,946	1,090,654	715,307	751,521	805,798	888,184	967,123	1,006,772
Other labor income	89,290	86,604	88,584	89,032	95,991	101,463	81,152	81,891	88,479	96,106	104,757	109,518
Proprietors' income[6]	166,156	177,863	180,802	201,906	221,477	233,982	112,022	117,307	130,204	144,569	161,970	174,902
Farm	6,373	4,916	6,445	6,075	6,771	5,659	12,132	9,327	11,324	11,597	13,625	18,561
Nonfarm	159,783	172,947	174,357	195,831	214,706	228,323	99,890	107,980	118,880	132,972	148,345	156,341
Earnings by industry:												
Farm	7,226	5,736	7,238	6,889	7,564	6,435	14,339	11,545	13,543	13,970	16,038	21,046
Nonfarm	1,263,685	1,297,194	1,288,242	1,306,718	1,363,850	1,419,664	894,142	939,174	1,010,938	1,114,889	1,217,812	1,270,146
Private	958,067	980,952	971,396	988,895	1,048,244	1,089,956	784,812	821,781	886,547	980,604	1,071,669	1,111,204
Agricultural services, forestry, fisheries, and other[7]	3,406	3,084	2,589	4,017	4,180	4,254	2,348	2,182	1,689	2,657	2,777	3,232
Agricultural services	3,313	2,969	2,464	3,927	4,081	4,158	1,731	1,783	1,559	2,473	2,625	3,015
Forestry, fisheries, and other[7]	93	115	125	90	99	96	617	399	130	184	152	217
Mining	113,170	90,479	63,706	54,538	53,367	45,554	6,054	6,839	4,962	5,371	6,475	7,032
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	112,631	(D)	(D)	54,080	52,928	45,089	1,943	2,914	995	911	1,397	1,501
Metal mining	(L)	(L)	(L)	(L)	(L)	51	0	0	0	0	0	0
Nonmetallic minerals, except fuels	554	(D)	(D)	412	393	412	(D)	(D)	(D)	(D)	(D)	(D)
Construction	86,854	91,663	92,873	80,389	79,092	88,103	38,876	46,830	54,285	63,243	71,266	83,512
Manufacturing	215,618	221,366	221,111	227,768	248,413	252,907	331,828	340,399	361,935	397,010	433,677	422,411
Nondurable goods	45,487	49,101	51,132	55,340	59,186	58,678	115,461	116,210	123,380	121,810	124,617	132,693
Food and kindred products	9,029	9,318	9,513	11,734	12,830	12,055	42,574	40,280	39,181	34,525	31,021	39,935
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	4,980	5,345	4,606	4,854	(D)	6,355
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	19,910	18,894	22,063	24,853	24,342	25,767
Paper and allied products	0	0	0	0	0	0	13,534	14,198	15,778	15,633	17,560	19,222
Printing and publishing	8,738	9,031	8,701	9,103	9,554	8,794	9,398	10,266	11,103	11,744	13,182	13,370
Chemicals and allied products	1,263	1,278	1,126	861	956	1,214	7,423	8,196	(D)	(D)	(D)	909
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	524	702
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	20,382	22,273	(D)	26,641	29,066	29,349	(D)	16,817	21,226	20,132	21,864	23,326
Leather and leather products	(D)	(D)	0	0	0	(D)	2,656	(D)	2,940	3,356	3,333	3,107
Durable goods	170,131	172,265	169,979	172,428	189,227	194,229	216,367	224,189	238,555	275,200	309,060	289,718
Lumber and wood products	(D)	3,657	1,700	1,379	1,356	1,749	10,996	16,323	20,817	21,478	35,890	22,458
Furniture and fixtures	1,536	1,746	414	288	536	667	23,346	27,394	25,826	33,127	35,749	34,909
Primary metal industries	18,894	(D)	(D)	(D)	(D)	(D)	27,899	25,259	24,768	24,071	28,027	23,937
Fabricated metal products	33,742	32,499	(D)	26,074	33,349	30,305	35,399	37,482	33,998	40,263	43,588	40,558
Machinery, except electrical	27,613	27,187	24,609	23,054	25,112	26,601	31,800	34,596	41,738	51,652	57,231	56,527
Electric and electronic equipment	32,053	28,697	30,872	30,307	31,195	30,304	33,010	30,868	33,375	35,573	34,141	31,059
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	48,318	54,928	56,972	59,871	62,893	64,205	5,010	4,560	6,304	7,391	6,617	6,708
Instruments and related products	(D)	0	0	(D)	(D)	(D)	4,727	6,662	7,617	7,479	(D)	(D)
Miscellaneous manufacturing industries	2,417	2,132	2,048	2,121	3,586	3,193	1,037	967	883	953	1,213	1,146
Transportation and public utilities	71,680	81,159	74,888	83,643	91,521	95,535	58,331	57,740	59,271	61,115	61,439	60,451
Railroad transportation	9,172	8,294	8,567	8,962	9,391	9,879	6,413	5,689	5,607	5,482	4,749	3,906
Trucking and warehousing	18,237	18,261	18,894	17,366	18,295	18,661	20,491	19,942	20,290	22,297	23,930	23,951
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,773	3,054	3,459	4,081	4,550	4,006
Communication	16,272	23,686	15,634	28,150	32,362	33,889	16,375	15,305	15,703	16,257	14,239	14,264
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	12,279	13,750	14,212	12,998	13,971	14,324
Wholesale trade	60,540	57,134	61,848	49,978	55,198	57,619	41,102	45,967	51,797	58,012	66,932	69,773
Retail trade	137,432	142,076	141,691	140,447	146,244	142,095	94,544	94,303	101,760	107,206	122,363	131,560
Finance, insurance, and real estate	52,181	54,668	56,882	61,031	56,788	56,568	38,982	41,937	43,962	55,033	52,789	56,653
Banking and credit agencies	25,050	25,104	24,661	23,906	23,218	22,698	18,119	19,915	20,069	22,865	24,983	25,677
Other finance, insurance, and real estate[9]	27,131	29,564	32,221	37,125	33,570	33,870	20,863	22,022	23,893	32,168	27,806	30,976
Services	217,186	239,323	255,808	287,084	313,441	347,321	172,747	185,584	206,886	230,957	253,951	276,580
Hotels and other lodging places	(D)	(D)	(D)	(D)	3,127	3,307	2,768	3,387	3,792	4,132	4,721	5,044
Personal services	15,977	19,052	20,843	22,939	25,523	28,278	6,890	9,578	10,346	10,632	12,313	13,839
Private households	15,254	15,540	15,725	15,729	16,618	17,494	1,803	1,796	1,789	1,787	1,885	1,972
Business services	33,759	38,628	39,384	44,501	51,364	65,901	10,720	12,360	15,659	19,063	22,916	26,653
Auto repair, services, and garages	14,331	16,226	16,316	17,806	18,257	19,176	11,795	13,919	14,719	14,325	14,645	15,252
Miscellaneous repair services	7,863	7,313	6,314	6,393	6,524	7,814	2,632	2,238	2,184	2,420	2,666	2,769
Amusement and recreation services	3,772	4,455	4,987	6,023	6,728	6,486	2,635	2,940	3,434	3,918	4,634	5,262
Motion pictures	497	476	452	241	(D)	(D)	73	102	289	258	269	332
Health services	68,974	78,876	93,338	108,940	118,884	126,606	94,348	99,197	107,918	121,208	129,013	138,094
Legal services	10,675	13,076	13,659	18,861	19,480	20,542	9,183	9,366	11,383	11,938	13,830	15,014
Educational services	1,348	1,480	1,606	1,955	2,363	3,102	8,168	8,887	9,441	10,107	10,697	11,484
Social services	9,344	9,869	4,801	5,188	5,324	5,584	6,162	6,247	7,123	8,289	9,919	11,014
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	7,829	8,682	8,550	9,022	9,841	10,422	7,922	8,121	8,801	9,751	11,007	12,354
Miscellaneous services	22,105	21,482	26,335	26,062	29,033	32,211	7,648	7,446	10,008	13,129	15,436	17,497
Government and government enterprises	305,618	316,242	316,846	317,823	315,606	329,708	109,330	117,393	124,391	134,285	146,143	158,942
Federal, civilian	56,125	58,633	55,044	54,092	53,088	57,009	11,147	12,302	12,607	14,584	16,349	16,826
Military	127,153	132,603	140,031	134,259	123,095	127,385	2,896	3,238	3,438	3,484	3,616	3,823
State and local	122,340	125,006	121,771	129,472	139,423	145,314	95,287	101,853	108,346	116,217	126,178	138,293

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Wilmington, DE—NJ—MD (PMSA)						Wilmington, NC (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**7,759,857**	**8,439,784**	**8,964,922**	**9,793,768**	**10,669,574**	**11,617,007**	**1,209,462**	**1,338,237**	**1,475,277**	**1,578,138**	**1,728,581**	**1,893,730**
Nonfarm personal income	7,713,102	8,396,400	8,920,805	9,748,710	10,613,410	11,561,283	1,207,341	1,336,415	1,473,354	1,575,482	1,725,532	1,890,730
Farm income[1]	46,755	43,384	44,117	45,058	56,164	55,724	2,121	1,822	1,923	2,656	3,049	3,000
Population (thousands)[2]	538.3	543.4	553.5	562.5	573.5	582.9	110.4	112.3	114.6	116.3	117.3	119.1
Per capita personal income (dollars)	**14,415**	**15,530**	**16,196**	**17,412**	**18,605**	**19,931**	**10,959**	**11,919**	**12,877**	**13,570**	**14,731**	**15,896**
Derivation of total personal income:												
Total earnings by place of work	6,272,978	6,851,691	7,082,255	7,759,283	8,565,908	9,334,164	904,660	1,003,563	1,145,558	1,211,016	1,332,099	1,450,549
Less: Personal contributions for social insurance[3]	481,356	551,431	631,453	740,665	846,327	952,031	53,884	62,512	71,661	73,340	82,809	93,455
Plus: Adjustment for residence	−208,281	−246,748	−50,342	66,277	−9,293	−81,032	−29,742	−35,818	−66,216	−71,811	−84,260	−103,331
Equals: Net earnings by place of residence	5,583,341	6,053,512	6,400,460	7,084,895	7,710,288	8,301,101	821,034	905,233	1,007,681	1,065,865	1,165,030	1,253,763
Plus: Dividends, interest, and rent[5]	1,241,142	1,393,426	1,483,888	1,568,348	1,725,861	2,008,736	195,296	222,571	238,578	265,772	297,351	344,523
Plus: Transfer payments	935,374	992,846	1,080,574	1,140,525	1,233,425	1,307,170	193,132	210,433	229,018	246,501	266,200	295,444
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,177,676	5,641,641	5,795,945	6,339,401	7,022,903	7,664,259	742,657	821,353	928,846	974,071	1,064,502	1,161,440
Other labor income	636,094	659,623	680,774	716,362	768,961	851,280	69,458	72,255	83,219	84,999	91,366	101,202
Proprietors' income[6]	459,208	550,427	605,536	703,520	774,044	818,625	92,545	109,955	133,493	151,946	176,231	187,907
Farm	35,432	32,345	33,309	33,794	44,984	44,514	1,741	1,465	1,583	2,310	2,712	2,675
Nonfarm	423,776	518,082	572,227	669,726	729,060	774,111	90,804	108,490	131,910	149,636	173,519	185,232
Earnings by industry:												
Farm	46,755	43,384	44,117	45,058	56,164	55,724	2,121	1,822	1,923	2,656	3,049	3,000
Nonfarm	6,226,223	6,808,307	7,038,138	7,714,225	8,509,744	9,278,440	902,539	1,001,741	1,143,635	1,208,360	1,329,050	1,447,549
Private	5,562,100	6,099,403	6,282,128	6,899,604	7,618,926	8,323,765	738,551	818,467	942,569	992,816	1,085,250	1,183,330
Agricultural services, forestry, fisheries, and other[7]	14,751	15,093	16,809	(D)	(D)	(D)	3,624	5,463	6,346	7,239	7,819	7,425
Agricultural services	12,937*	13,178*	14,536*	(D)	(D)	25,133*	3,341	4,294	4,602	5,607	5,769	5,406
Forestry, fisheries, and other[7]	(D)	(D)	(D)	973	1,148	1,138	283	1,169	1,744	1,632	2,050	2,019
Mining	24,025	33,199	14,375	(D)	(D)	(D)	3,521	4,621	2,520	2,548	2,912	3,058
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	7,499	12,772	13,239*	1,841	2,968	783	851	1,393	1,473
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	764,143	855,870	731,840	693,196	838,355	826,874	70,384	79,638	84,312	96,168	104,444	114,436
Manufacturing	2,364,772	2,514,912	2,487,665	2,624,179	2,753,319	3,038,062	187,635	197,116	259,242	257,297	264,312	289,944
Nondurable goods	1,729,865	1,823,606	1,862,721	1,936,195	2,117,199	2,270,848	131,696	132,578	183,719	181,789	184,598	196,075
Food and kindred products	21,970*	21,557*	20,191*	22,243*	21,803*	20,620*	9,473	10,741	13,388	13,379	12,031	7,895
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	482	1,039	1,721	2,082
Apparel and other textile products	(D)	9,743*	(D)	(D)	(D)	(D)	11,693	11,526	12,466	14,102	13,908	16,882
Paper and allied products	15,821	16,038	18,110	22,854	24,146	25,841	(D)	(D)	(D)	(D)	9,632	11,307
Printing and publishing	40,008	45,193*	48,671	55,538	52,788*	55,168*	6,684	7,552	8,349	8,910	9,639	9,956
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	92,331	92,914	140,920	135,564	137,215	144,859
Petroleum and coal products	66,859*	65,079*	(D)	53,955	(D)	58,248	0	480	(D)	(D)	(D)	(D)
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	634,907	691,306	624,944	687,984	636,120	767,214	55,939	64,538	75,523	75,508	79,714	93,869
Lumber and wood products	7,014	7,971	(D)	9,811	(D)	8,251*	4,340	5,223	7,424	7,989	8,396	8,511
Furniture and fixtures	(D)	1,167	1,701	4,274	6,026	6,001	1,268	1,446	1,742	1,194	1,043	1,270
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	755	(D)	(D)	(D)	(D)	1,008
Fabricated metal products	31,492*	28,332*	36,707*	36,489*	39,130*	47,393*	5,092	5,731	6,237	6,610	7,140	7,149
Machinery, except electrical	29,976*	31,221*	32,777*	34,191*	36,000*	(D)	(D)	(D)	(D)	20,316	20,697	26,075
Electric and electronic equipment	(D)	(D)	83,024*	80,320*	90,576*	108,718*	22,361	28,974	37,264	29,346	7,459	7,271
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,630	1,570	1,389	2,528	2,984	3,726
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	3,762	3,860	4,202	4,661	28,228	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	489
Transportation and public utilities	364,704	(D)	(D)	(D)	(D)	(D)	88,709	93,147	94,141	90,518	96,674	96,950
Railroad transportation	41,027	37,771	(D)	(D)	(D)	49,105*	7,628	7,165	5,933	4,256	4,283	3,659
Trucking and warehousing	88,512	93,099	106,617	143,277	150,040	157,868	21,599	22,129	23,291	25,039	26,698	26,001
Water transportation	15,371	16,547	(D)	35,426	40,062*	35,719*	11,738	13,399	13,973	13,380	13,085	14,097
Other transportation[8]	25,314	28,351	31,055	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	45,939*	47,060	57,456	67,001	73,726*	21,297	22,733	23,498	24,251	26,593	25,254
Electric, gas, and sanitary services	138,744*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	236,724	252,084	275,637	305,592	364,638	399,821	52,956	66,883	76,193	66,780	79,659	92,908
Retail trade	489,838	519,997	567,153	624,437	686,373	730,197	123,877	135,148	147,797	158,908	172,902	186,290
Finance, insurance, and real estate	323,496	380,858	466,600	649,979	680,612	738,395	32,921	38,745	43,353	56,108	54,238	56,828
Banking and credit agencies	(D)	221,734	280,372*	356,921*	408,474	449,757	12,573	14,705	17,876	20,242	(D)	(D)
Other finance, insurance, and real estate[9]	(D)	159,124	176,805*	281,006*	272,138	288,638	20,348	24,040	25,477	35,866	(D)	(D)
Services	979,647	1,029,265*	1,170,161*	1,340,333*	1,564,803*	1,786,185*	174,924	197,706	228,665	257,250	302,290	335,491
Hotels and other lodging places	22,046*	23,172	26,065	30,281	32,829	36,594	6,820	7,169	7,691	7,619	9,332	9,522
Personal services	35,654	42,545	46,449	52,102	59,610	69,638	11,623	13,384	13,629	15,405	18,586	21,041
Private households	30,645	31,069	31,383	31,713	34,056	36,157	6,577	6,678	6,713	6,764	7,206	7,606
Business services	171,064	201,069*	242,569*	289,781*	345,500*	398,287*	25,463	33,018	36,695	41,781	58,267	65,798
Auto repair, services, and garages	44,775	52,777	50,912	56,525	66,527	75,877	9,062	10,838	12,554	13,471	14,642	15,929
Miscellaneous repair services	(D)	17,002*	(D)	21,120*	27,851	31,539	7,515	6,482	5,609	6,220	7,899	8,680
Amusement and recreation services	19,951	24,638	27,177	30,034	34,901	37,812	3,095	3,296	4,123	5,679	6,292	7,219
Motion pictures	1,427	1,554	1,912	2,213	2,272	2,507	(D)	(D)	(D)	(D)	(D)	(D)
Health services	349,782	380,802	431,435	486,893	569,897	632,478	55,363	61,300	67,904	82,300	94,543	111,516
Legal services	79,821	88,992	104,724	122,369	144,924	173,666	11,434	12,329	14,509	15,341	17,298	19,399
Educational services	44,047	42,703	45,158	54,120	62,542	63,476	2,288	2,419	2,684	3,169	3,689	4,007
Social services	35,670	38,581	43,756	48,824	56,813	66,978	2,869	3,269	3,667	4,117	4,902	6,153
Museums, botanical, zoological gardens	8,545	9,081	9,544	10,573	13,730	12,429	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	46,368	48,036	50,244	58,309	64,531	67,260	8,358	8,318	8,797	9,793	9,280	9,626
Miscellaneous services	67,114	91,841	112,179	118,387	135,783	177,308	19,133	22,797	30,311	35,515	48,636	47,074
Government and government enterprises	664,123	708,904	756,010	814,621	890,818	954,675	163,988	183,274	201,066	215,544	243,800	264,219
Federal, civilian	126,887	135,228	134,907	145,513	158,591	168,072	23,853	26,416	27,711	29,303	32,903	37,587
Military	18,498	20,009	22,547	23,694	24,601	25,699	9,267	9,752	9,679	8,859	9,798	5,843
State and local	518,738	553,667	598,556	645,414	707,626	760,904	130,868	147,106	163,676	177,382	201,099	220,789

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Worcester—Fitchburg—Leominster, MA (NECMA)						Yakima, WA (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**9,053,479**	**9,750,000**	**10,666,793**	**11,759,125**	**12,970,328**	**13,787,848**	**2,004,154**	**2,046,797**	**2,208,061**	**2,338,765**	**2,460,836**	**2,718,524**
Nonfarm personal income	9,027,278	9,725,212	10,626,289	11,722,830	12,932,076	13,752,314	1,816,949	1,901,268	1,976,667	2,096,110	2,235,324	2,437,660
Farm income[1]	26,201	24,788	40,504	36,295	38,252	35,534	187,205	145,529	231,394	242,655	225,512	280,864
Population (thousands)[2]	649.4	654.0	657.4	665.9	675.4	682.6	180.8	182.3	182.3	183.3	185.5	187.6
Per capita personal income (dollars)	**13,942**	**14,908**	**16,226**	**17,659**	**19,204**	**20,200**	**11,083**	**11,226**	**12,112**	**12,760**	**13,262**	**14,494**
Derivation of total personal income:												
Total earnings by place of work	5,498,675	6,006,400	6,644,433	7,457,154	8,275,370	8,617,735	1,286,254	1,273,898	1,405,874	1,516,664	1,589,468	1,740,047
Less: Personal contributions for social insurance[3]	313,127	359,010	411,784	440,805	509,362	552,142	64,866	70,952	75,637	83,508	92,415	103,410
Plus: Adjustment for residence	1,100,393	1,234,789	1,357,371	1,516,680	1,669,026	1,696,034	62,274	65,905	68,571	72,798	75,091	81,781
Equals: Net earnings by place of residence	6,285,941	6,882,179	7,590,020	8,533,029	9,435,034	9,761,627	1,283,662	1,268,851	1,398,808	1,505,954	1,572,144	1,718,418
Plus: Dividends, interest, and rent[5]	1,365,466	1,431,001	1,526,648	1,593,743	1,788,835	2,037,021	337,046	353,216	369,711	372,372	400,369	470,375
Plus: Transfer payments	1,402,072	1,436,820	1,550,125	1,632,353	1,746,459	1,989,200	383,446	424,730	439,542	460,439	488,323	529,731
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,534,270	4,945,752	5,458,920	6,117,251	6,772,589	7,037,415	951,549	972,858	1,012,409	1,098,504	1,168,299	1,242,012
Other labor income	494,818	512,084	559,559	606,841	666,170	697,976	74,614	73,812	76,113	79,789	83,817	91,110
Proprietors' income[6]	469,587	548,564	625,954	733,062	836,611	882,344	260,091	227,228	317,352	338,371	337,352	406,925
Farm	19,500	18,267	34,144	29,686	31,663	28,916	117,663	75,947	161,849	168,741	150,691	204,057
Nonfarm	450,087	530,297	591,810	703,376	804,948	853,428	142,428	151,281	155,503	169,630	186,661	202,868
Earnings by industry:												
Farm	26,201	24,788	40,504	36,295	38,252	35,534	187,205	145,529	231,394	242,655	225,512	280,864
Nonfarm	5,472,474	5,981,612	6,603,929	7,420,859	8,237,118	8,582,201	1,099,049	1,128,369	1,174,480	1,274,009	1,363,956	1,459,183
Private	4,867,469	5,329,357	5,886,502	6,630,480	7,348,188	7,628,580	912,238	923,144	959,096	1,047,725	1,117,876	1,194,691
Agricultural services, forestry, fisheries, and other[7]	13,206	17,303	20,625	28,627	33,976	32,419	24,396	24,299	24,754	33,571	36,196	36,740
Agricultural services	12,696	16,424	19,274	27,496	32,672	31,716	23,699	23,888	24,166	33,037	35,529	36,006
Forestry, fisheries, and other[7]	510	879	1,351	1,131	1,304	703	697	411	588	534	667	734
Mining	12,745	16,731	9,310	9,728	12,393	14,648	3,869	3,816	2,132	2,701	3,254	2,833
Coal mining	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	9,441	12,907	3,785	4,031	6,111	6,439	2,624	2,785	941	1,038	1,486	1,553
Metal mining	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	3,261	3,795	5,486	5,643	6,102	8,172	1,247	1,028	1,184	1,660	1,764	1,276
Construction	317,637	400,700	499,668	620,066	680,906	610,110	72,576	68,242	70,301	73,415	76,120	82,251
Manufacturing	1,993,881	2,030,429	2,112,018	2,207,215	2,363,721	2,468,493	172,659	184,406	192,051	208,408	210,073	220,447
Nondurable goods	550,230	553,180	585,839	654,319	683,169	694,377	94,158	100,213	103,893	114,494	115,332	120,116
Food and kindred products	31,071	33,852	35,317	35,678	40,564	41,540	63,641	66,319	70,616	77,194	71,040	71,113
Textile mill products	70,376	69,982	67,703	70,223	68,405	63,409	0	0	0	0	0	0
Apparel and other textile products	30,531	28,118	23,969	17,815	17,360	18,398	(D)	(D)	625	(D)	395	400
Paper and allied products	84,384	82,227	85,923	88,114	96,126	95,405	14,427	15,965	16,124	18,099	23,725	27,537
Printing and publishing	71,459	80,203	89,619	136,734	154,371	164,692	8,459	8,150	8,072	7,999	8,279	9,205
Chemicals and allied products	52,791	52,269	56,255	63,575	62,166	78,934	(D)	999	954	1,025	1,166	(D)
Petroleum and coal products	9,441	10,079	11,704	14,196	14,807	12,027	102	(D)	323	(D)	592	260
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	175,650	176,762	195,994	210,700	215,190	206,617	6,080	7,497	7,179	9,565	10,135	(D)
Leather and leather products	24,527	19,688	19,355	17,284	14,180	13,355	0	0	0	0	0	0
Durable goods	1,443,651	1,477,249	1,526,179	1,552,896	1,680,552	1,774,116	78,501	84,193	88,158	93,914	94,741	100,331
Lumber and wood products	10,421	11,281	12,919	15,876	18,106	18,383	38,028	38,751	38,954	40,646	38,456	39,094
Furniture and fixtures	64,551	66,229	82,644	81,227	80,407	72,517	2,765	2,782	2,525	3,332	3,804	3,842
Primary metal industries	86,324	74,497	83,147	77,301	84,376	93,320	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	292,454	297,945	261,927	260,904	286,460	299,308	6,152	7,212	7,541	7,541	6,226	7,526
Machinery, except electrical	578,067	602,406	555,564	583,864	653,540	719,526	11,216	11,649	13,598	13,400	12,723	12,443
Electric and electronic equipment	74,994	85,409	200,784	202,978	189,300	200,013	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	7,925	10,010	10,572	13,006	15,388	15,175
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,202	3,419	4,118	6,154	7,239
Stone, clay, and glass products	182,907	176,825	160,001	163,050	197,538	200,670	4,062	3,059	3,457	3,608	3,080	3,928
Instruments and related products	126,826	138,210	144,828	144,134	144,697	148,245	913	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	24,483	21,505	18,839	17,612	19,265	15,543	6,631	5,412	6,866	7,054	7,582	9,684
Transportation and public utilities	285,535	317,297	337,076	366,888	420,063	417,452	74,627	73,241	74,630	74,459	78,320	85,574
Railroad transportation	8,714	7,531	7,021	7,430	7,441	(D)	4,368	3,538	3,142	2,803	2,865	3,029
Trucking and warehousing	91,504	96,985	113,052	120,958	141,488	146,012	34,115	33,003	34,759	35,263	37,380	42,416
Water transportation	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,849	4,436	4,552	(D)	6,323	(D)
Communication	56,932	73,740	77,521	86,207	90,003	80,093	21,155	21,202	21,403	20,999	20,424	21,517
Electric, gas, and sanitary services	95,393	101,597	100,857	107,261	124,087	130,307	10,152	11,069	10,784	10,237	11,317	11,911
Wholesale trade	334,727	380,430	426,524	508,148	558,885	621,250	122,356	115,816	122,424	143,500	154,428	162,069
Retail trade	529,249	593,775	674,183	757,254	830,630	859,270	147,686	149,518	155,322	157,624	171,264	181,517
Finance, insurance, and real estate	268,130	308,444	366,775	464,909	482,400	481,521	39,322	35,708	37,413	48,331	48,433	52,632
Banking and credit agencies	92,265	100,490	120,022	139,930	152,377	151,488	17,641	17,954	19,439	18,995	19,586	20,574
Other finance, insurance, and real estate[9]	175,865	207,954	246,753	324,979	330,023	330,033	21,681	17,754	17,974	29,336	28,847	32,058
Services	1,112,359	1,264,248	1,440,323	1,667,645	1,965,214	2,123,417	254,747	268,098	280,069	305,716	339,788	370,628
Hotels and other lodging places	14,193	16,685	21,420	27,567	32,105	36,374	5,214	4,444	3,425	5,219	5,580	5,857
Personal services	51,368	63,883	68,400	76,163	96,355	105,538	14,705	16,815	18,482	17,776	20,872	23,131
Private households	12,702	12,759	12,697	12,680	13,409	14,039	2,935	2,973	2,994	3,034	3,260	3,482
Business services	177,077	222,204	258,051	323,078	421,271	398,654	25,197	28,389	30,426	33,161	28,536	31,944
Auto repair, services, and garages	60,215	71,215	81,617	88,994	100,431	103,187	17,508	18,304	17,754	18,314	18,102	19,690
Miscellaneous repair services	18,607	18,893	22,445	22,791	26,661	31,314	8,539	7,366	7,814	7,594	8,985	10,306
Amusement and recreation services	13,536	15,094	17,993	20,875	26,263	30,061	5,489	5,441	5,138	5,622	6,656	7,024
Motion pictures	1,445	(D)	1,727	1,902	2,371	2,662	(D)	(D)	(D)	(D)	(D)	(D)
Health services	447,010	478,195	518,464	595,545	684,108	765,456	101,393	107,584	111,094	126,299	149,794	162,185
Legal services	59,714	69,357	83,933	94,142	111,894	122,330	17,859	19,387	21,159	22,748	25,364	27,784
Educational services	91,338	102,742	120,606	134,824	136,529	146,659	7,277	7,511	8,322	8,785	9,600	10,340
Social services	53,487	59,122	70,098	85,702	98,647	109,106	10,303	11,377	12,076	13,704	15,510	16,859
Museums, botanical, zoological gardens	5,745	(D)	7,030	7,728	8,961	9,323	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	43,592	45,869	50,255	56,870	64,237	68,632	21,450	21,792	20,932	22,622	25,233	27,486
Miscellaneous services	62,330	80,318	105,587	118,784	141,972	180,082	15,736	15,787	19,657	20,048	21,436	23,609
Government and government enterprises	605,005	652,255	717,427	790,379	888,930	953,621	186,811	205,225	215,384	226,284	246,080	264,492
Federal, civilian	56,849	61,315	64,774	71,069	81,072	83,966	27,880	30,703	30,687	34,295	38,106	40,747
Military	17,164	17,790	20,297	21,453	22,441	23,547	7,591	7,739	8,171	8,268	8,592	9,092
State and local	530,992	573,150	632,356	697,857	785,417	846,108	151,340	166,783	176,526	183,721	199,382	214,653

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	York, PA (MSA)						Youngstown—Warren, OH (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**5,216,052**	**5,586,525**	**5,986,872**	**6,446,521**	**7,035,367**	**7,556,165**	**6,078,580**	**6,294,143**	**6,415,780**	**6,623,519**	**7,121,083**	**7,624,686**
Nonfarm personal income	5,165,521	5,550,114	5,943,244	6,407,793	6,996,405	7,511,307	6,067,184	6,282,706	6,405,666	6,609,844	7,108,271	7,609,310
Farm income[1]	50,531	36,411	43,628	38,728	38,962	44,858	11,396	11,437	10,114	13,675	12,812	15,376
Population (thousands)[2]	391.6	393.3	397.4	403.3	410.4	416.0	516.7	513.6	506.8	502.4	501.7	498.1
Per capita personal income (dollars)	**13,320**	**14,205**	**15,064**	**15,984**	**17,143**	**18,166**	**11,765**	**12,255**	**12,660**	**13,184**	**14,193**	**15,308**
Derivation of total personal income:												
Total earnings by place of work	3,339,568	3,561,518	3,789,393	4,158,192	4,569,597	4,838,697	4,341,930	4,484,703	4,506,363	4,667,146	5,105,892	5,406,648
Less: Personal contributions for social insurance[3]	210,400	236,265	253,467	278,571	318,003	348,639	284,201	310,017	318,194	327,705	371,393	408,550
Plus: Adjustment for residence	649,643	681,379	761,617	816,991	887,022	948,371	−111,117	−133,185	−157,011	−159,258	−207,009	−217,524
Equals: Net earnings by place of residence	3,778,811	4,006,632	4,297,543	4,696,612	5,138,616	5,438,429	3,946,612	4,041,501	4,031,158	4,180,183	4,527,490	4,780,574
Plus: Dividends, interest, and rent[5]	780,703	861,708	926,220	958,700	1,057,414	1,218,220	966,541	1,017,183	1,062,481	1,031,990	1,111,651	1,263,459
Plus: Transfer payments	656,538	718,185	763,109	791,209	839,337	899,516	1,165,427	1,235,459	1,322,141	1,411,346	1,481,942	1,580,653
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,661,345	2,852,124	3,003,303	3,288,917	3,613,656	3,819,068	3,573,051	3,709,117	3,712,712	3,840,364	4,205,786	4,434,625
Other labor income	298,566	309,164	328,951	357,519	394,468	420,675	464,062	453,891	451,272	437,134	474,532	512,404
Proprietors' income[6]	379,657	400,230	457,139	511,756	561,473	598,954	304,817	321,695	342,379	389,648	425,574	459,619
Farm	35,157	20,977	28,294	22,519	22,613	28,175	7,163	7,306	6,065	9,473	8,667	11,240
Nonfarm	344,500	379,253	428,845	489,237	538,860	570,779	297,654	314,389	336,314	380,175	416,907	448,379
Earnings by industry:												
Farm	50,531	36,411	43,628	38,728	38,962	44,858	11,396	11,437	10,114	13,675	12,812	15,376
Nonfarm	3,289,037	3,525,107	3,745,765	4,119,464	4,530,635	4,793,839	4,330,534	4,473,266	4,496,249	4,653,471	5,093,080	5,391,272
Private	2,960,660	3,175,049	3,392,743	3,742,404	4,128,887	4,360,286	3,909,245	4,029,952	4,034,162	4,160,747	4,534,117	4,842,726
Agricultural services, forestry, fisheries, and other[7]	13,565	13,816	14,426	21,423	(D)	23,517	11,659	12,144	12,266	16,439	17,050	18,280
Agricultural services	11,976	12,052	12,576	19,582	20,351	21,273	11,045	11,914	12,256	16,396	17,059	18,264
Forestry, fisheries, and other[7]	1,589	1,764	1,850	1,841	1,921*	2,244	614	230	(L)	(L)	(L)	(L)
Mining	15,190	19,775	14,491	15,407	16,629	17,555	24,764	29,628	20,165	24,351	23,597	20,614
Coal mining	54	52	69	(L)	(L)	(L)	3,395	3,627	3,884	3,971	3,414*	3,590*
Oil and gas extraction	5,632	(D)	(D)	2,920	4,471	4,800	20,423	24,640	14,347	14,200	15,458	12,985
Metal mining	(L)	(L)	0	0	0	0	−419	(D)	(D)	(D)	2,206*	2,386*
Nonmetallic minerals, except fuels	9,508	10,975*	11,472*	12,449	12,112	12,707	1,365	(D)	(D)	(D)	2,372	1,476
Construction	209,201	258,902	282,886	335,968	386,518	402,502	192,037	215,609	237,668	260,545	267,458	288,781
Manufacturing	1,398,499	1,427,699	1,480,302	1,565,861	1,716,670	1,747,754	1,960,445	1,947,546	1,819,711	1,770,449	1,963,175	2,090,661
Nondurable goods	432,337	436,149	468,596	494,940	545,122	568,240	116,171	116,665	118,497	116,672	127,424	127,188
Food and kindred products	93,622	102,461	109,911	118,369	140,238	150,102	31,677	31,507	33,366	34,356	37,489	39,234
Textile mill products	37,143*	25,253	23,952	24,587	24,949	23,801	0	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	39,760	39,943	41,029	42,082	41,407	39,027	(D)	(D)	(D)	(D)	5,133*	5,643*
Paper and allied products	111,006	116,524	125,460	136,426	(D)	150,550	(D)	(D)	(D)	(D)	9,675	(D)
Printing and publishing	89,450	94,438	105,787	113,400	125,024	134,312	27,048	28,606	29,419	29,981	31,803	32,439
Chemicals and allied products	9,712	10,124	10,334	10,348*	11,711	13,225	(D)	(D)	(D)	4,597	(D)	(D)
Petroleum and coal products	2,384	1,431	1,683	(D)	(D)	(D)	1,530	1,456	1,755	2,462	3,270	2,628
Tobacco manufactures	3,839	3,604	4,617	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	14,477*	17,191	20,726	18,343	23,067*	23,032*	36,449	32,983	30,680	30,647	34,558	32,547
Leather and leather products	30,882	25,180	25,097	25,051	27,214	28,674	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	966,162	991,550	1,011,706	1,070,921	1,171,548	1,179,514	1,844,274	1,830,881	1,701,214	1,653,777	1,835,751	1,963,473
Lumber and wood products	27,829	28,472	35,019	39,814	42,422	40,044	6,887	5,627	5,926	7,199	9,048	9,878
Furniture and fixtures	50,180	48,795	43,849	44,328	48,043	48,080	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	29,380	28,786	29,790	34,044	35,625	44,519	896,166	862,061	795,063	774,095	829,318	841,970
Fabricated metal products	142,785	154,741	191,852	194,419	198,059	185,549*	278,679	280,754	266,218	252,327	277,902	289,370
Machinery, except electrical	317,003*	318,274*	303,885	309,991*	376,535	380,573	113,842	113,418	109,308	106,219	113,455	126,218
Electric and electronic equipment	153,064	149,349	150,578	149,597	156,835	162,629	(D)	69,622	63,290	64,438	(D)	70,716
Transportation equip. excl. motor vehicles	101,771*	118,506*	123,915*	133,940*	141,769*	131,889*	(D)	(D)	29,201	25,946	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	64,644	67,998	71,457	81,814	98,708	102,750	37,295	37,820	34,183	33,831	37,079	41,760
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,201*	3,342*	4,066*	4,137*	4,552*	5,015
Miscellaneous manufacturing industries	13,111	14,299	15,690	16,631	18,283*	23,098*	2,653*	3,438	3,652	3,518*	4,900*	5,624*
Transportation and public utilities	213,597	233,359	228,867	260,792	279,251	296,836	234,869	235,240	236,233	229,983	254,359	260,196
Railroad transportation	3,619	4,612	(D)	5,080	5,563	5,549	31,514	30,165	30,034	26,452	30,634	34,288
Trucking and warehousing	94,571	93,601	82,775	93,962	102,241	112,118	92,387	95,663	94,744	88,518	103,605	105,382
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	33,794	34,153	35,690	32,725*	34,104*	34,850*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	69,936	88,839	91,905	112,824	119,959	125,189	50,002	52,004	51,244	52,147	57,330	56,143
Wholesale trade	170,662	185,022	199,564	211,248	(D)	258,967	194,276	210,224	223,061	244,202	276,920	299,500
Retail trade	357,814	382,582	424,085	467,732	521,678	557,559	389,039	403,930	422,179	429,795	471,141	507,839
Finance, insurance, and real estate	74,213	81,025	90,800	124,700	117,776	124,569	122,779	133,090	148,962	182,064	175,578	186,424
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	56,926	61,739	67,848	72,446	75,495	78,197
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	65,853	71,351	81,114	109,618	100,083	108,227
Services	507,919	572,869	657,322	739,273	837,942	931,027	779,377	842,541	913,917	1,002,919	1,084,839	1,170,431
Hotels and other lodging places	(D)	13,293	(D)	(D)	(D)	(D)	7,014	7,447	7,428	7,908	8,121	9,142
Personal services	34,894	44,937	49,710	52,603	58,884	66,800	40,772	48,374	48,681	50,688	55,243	62,842
Private households	6,817	6,803	6,777	6,770	7,150	7,485	8,166	8,166	8,111	8,103	8,550	8,950
Business services	64,376	75,411	98,484	115,798	132,244	149,537	65,036	77,926	94,469	112,829	120,978	140,417
Auto repair, services, and garages	41,554	47,197	52,376	53,687	56,851	59,785	39,364	43,279	40,894	43,004	41,446	45,278
Miscellaneous repair services	13,383	13,553	17,604	20,164	24,270	24,847	13,283	13,039	13,358	15,702	18,158	19,332
Amusement and recreation services	11,318	12,773	14,806	16,341	18,207	20,631	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,290	1,340	1,366	(D)	(D)	(D)
Health services	186,739	205,283	222,306	255,859	293,442	328,523	419,740	442,660	474,062	523,830	567,327	600,331
Legal services	22,697	25,348	28,894	31,075	34,941	41,235	33,407	36,633	40,495	42,784	48,323	51,628
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22,823	22,352	24,102
Social services	16,499	18,335	20,298	22,249	23,064	27,021	23,641	26,009	28,631	28,078	27,911	30,008
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	27,144	28,206	31,450	35,354	40,876	44,457	39,314	39,370	39,847	41,873	45,574	47,772
Miscellaneous services	45,808	55,218	70,981	82,421	96,755	105,825	53,372	59,796	75,496	80,314	93,175	101,898
Government and government enterprises	328,377	350,058	353,022	377,060	401,748	433,553	421,289	443,314	462,087	492,724	558,963	548,546
Federal, civilian	126,041	136,362	123,563	132,564	135,473	143,955	52,785	55,301	55,353	58,681	61,791	65,674
Military	9,974	11,215	11,855	12,181	12,954	13,368	6,950	7,531	8,192	8,391	8,673	8,983
State and local	192,362	202,481	217,604	232,315	253,321	276,230	361,554	380,482	398,542	425,652	488,499	473,889

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1984–89—Continued

[Thousands of dollars]

	Yuba City, CA (MSA)						Yuma, AZ (MSA)					
	1984	1985	1986	1987	1988	1989	1984	1985	1986	1987	1988	1989
Income by Place of Residence												
Total personal income	**1,178,516**	**1,269,887**	**1,323,532**	**1,406,353**	**1,510,986**	**1,641,029**	**807,141**	**861,824**	**957,814**	**1,066,642**	**1,177,186**	**1,203,827**
Nonfarm personal income	1,087,206	1,154,622	1,221,010	1,296,529	1,408,011	1,538,488	733,399	780,724	867,411	934,047	1,002,008	1,101,306
Farm income[1]	91,310	115,265	102,522	109,824	102,975	102,541	73,742	81,100	90,403	132,595	175,178	102,521
Population (thousands)[2]	109.8	111.9	113.3	115.8	118.4	120.9	82.2	84.8	88.3	90.4	93.0	94.6
Per capita personal income (dollars)	**10,736**	**11,351**	**11,686**	**12,142**	**12,757**	**13,572**	**9,819**	**10,162**	**10,845**	**11,801**	**12,664**	**12,725**
Derivation of total personal income:												
Total earnings by place of work	751,411	803,430	841,104	898,456	947,374	1,010,327	624,401	661,547	732,365	824,667	918,824	901,519
Less: Personal contributions for social insurance[3]	40,262	43,836	47,814	51,221	57,990	65,109	32,578	34,741	39,745	40,713	44,745	49,556
Plus: Adjustment for residence	10,073	13,269	11,368	19,728	26,134	31,628	−42,710	−45,066	−50,190	−55,307	−59,499	−64,444
Equals: Net earnings by place of residence	721,222	772,863	804,658	866,963	915,518	976,846	549,113	581,740	642,430	728,647	814,580	787,519
Plus: Dividends, interest, and rent[5]	189,721	200,436	203,205	208,619	232,502	270,841	120,714	134,776	150,381	153,981	164,926	193,812
Plus: Transfer payments	267,573	296,588	315,669	330,771	362,966	393,342	137,314	145,308	165,003	184,014	197,680	222,496
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	554,799	580,207	618,695	659,594	701,177	752,743	502,091	530,122	587,212	636,358	680,640	728,873
Other labor income	47,633	48,142	52,262	54,970	59,589	66,256	32,929	33,398	37,625	40,958	43,811	48,648
Proprietors' income[6]	148,979	175,081	170,147	183,892	186,608	191,328	89,381	98,027	107,528	147,351	194,373	123,998
Farm	60,566	84,384	72,947	75,615	68,817	66,674	36,990	40,821	48,347	85,074	125,830	50,778
Nonfarm	88,413	90,697	97,200	108,277	117,791	124,654	52,391	57,206	59,181	62,277	68,543	73,220
Earnings by industry:												
Farm	91,310	115,265	102,522	109,824	102,975	102,541	73,742	81,100	90,403	132,595	175,178	102,521
Nonfarm	660,101	688,165	738,582	788,632	844,399	907,786	550,659	580,447	641,962	692,072	743,646	798,998
Private	429,465	453,061	487,386	522,753	565,711	612,055	355,186	371,544	418,482	459,577	488,092	520,313
Agricultural services, forestry, fisheries, and other[7]	11,514	10,594	10,119	14,955	17,182	18,913	34,316	39,221	46,969	56,350	57,924	65,218
Agricultural services	11,288	10,332	9,862	14,756	16,909	18,621	34,302	39,129	46,817	56,236	57,780	65,070
Forestry, fisheries, and other[7]	226	262	257	199	273	292	(L)	92	152	114	144	148
Mining	6,100	7,877	5,953	6,542	7,031	6,894	2,256	1,933	1,352	2,563	1,963	2,068
Coal mining	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	2,863	3,860	2,570	2,324	2,514	2,641	(D)	(D)	(D)	270	415	440
Metal mining	(D)	(D)	(D)	(D)	2,660*	2,684*	(D)	(D)	961	2,053	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	1,772*	1,437*	77	128	(D)	240	(D)	(D)
Construction	49,452	53,449	64,679	65,368	70,474	77,265	47,068	44,415	46,164	43,889	43,570	42,111
Manufacturing	70,781	67,041	73,927	77,579	77,134	83,186	26,911	27,657	37,182	34,442	39,179	44,832
Nondurable goods	26,770	27,059	28,435	28,484	25,643	28,605	16,300	16,783	18,918	15,135	17,549	21,104
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	4,159	4,163	4,010	3,151	3,740	5,422
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	141	(D)	(D)	246	(D)	162	5,179	5,459	5,898	2,396	2,700	2,461
Paper and allied products	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	2,424	2,683	2,910	3,225	3,653	3,603
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Petroleum and coal products	(D)	176	292	0	0	0	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	84
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	391	(D)	(D)
Durable goods	44,011	39,982	45,492	49,095	51,491	54,581	10,611	10,874	18,264	19,307	21,630	23,728
Lumber and wood products	28,881	25,414	32,486	36,249	38,408	40,189	(D)	(D)	775	667	649	300
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated metal products	(D)	4,811	5,432	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	6,336*	6,472*	4,583	4,875	5,287	6,150	(D)	(D)	1,455	2,870	3,340	3,087
Electric and electronic equipment	(D)	(D)	(D)	0	0	0	939	774	(D)	(D)	659	968
Transportation equip. excl. motor vehicles	(D)	253*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	4,591	5,079	6,431	6,384	6,548	5,958
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Miscellaneous manufacturing industries	339	311	184	462	(D)	(D)	520	(D)	299	(D)	(D)	(D)
Transportation and public utilities	44,127	45,083	49,371	50,686	54,007	57,302	38,120	37,687	39,803	46,261	45,235	44,697
Railroad transportation	826	751	675	728	(D)	927	10,604	11,446	12,046	13,322	11,590	9,904
Trucking and warehousing	17,765	16,165	17,734	19,141	20,191	(D)	6,968	7,343	8,868	9,928	9,350	9,068
Water transportation	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	(D)	(D)	(D)	3,599	(D)	6,857	3,298	3,179	2,851	5,201	5,749	6,263
Communication	(D)	(D)	(D)	3,738	4,103	6,190	9,458	6,935	6,456	7,296	7,417	7,763
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	7,799	8,787	9,586	10,517	11,128	11,699
Wholesale trade	23,656	27,817	28,696	33,002	42,467	47,224	26,735	24,964	27,946	39,134	34,077	37,560
Retail trade	81,099	84,131	85,468	86,642	94,511	99,338	73,778	77,165	80,077	82,290	90,048	96,187
Finance, insurance, and real estate	24,041	25,994	28,769	34,788	33,585	36,664	16,234	17,864	20,834	22,815	23,965	23,518
Banking and credit agencies	11,185	11,529	12,944	14,374	(D)	(D)	7,192	7,913	8,957	9,450	10,285	(D)
Other finance, insurance, and real estate[9]	12,856	14,465	15,825	20,414	(D)	(D)	9,042	9,951	11,877	13,365	13,680	(D)
Services	118,695	131,075	140,404	153,191	169,320	185,269	89,768	100,638	118,155	131,833	152,131	164,122
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	4,049	4,815	5,312	6,046	6,312	6,302
Personal services	6,988	8,812	7,918	8,078	9,433	10,542	5,662	8,385	9,276	9,575	11,369	12,556
Private households	1,969	2,013	2,049	2,088	2,249	2,406	(D)	(D)	(D)	1,060	(D)	1,213
Business services	12,747	15,143	17,454	22,631	24,714	27,703	10,089	11,768	17,098	23,248	27,732	30,795
Auto repair, services, and garages	8,108	9,226	11,156	12,677	13,979	14,334	9,068	10,034	10,392	10,365	10,751	12,178
Miscellaneous repair services	5,524	4,361	5,586	4,471	5,002	5,931	3,713	3,252	4,267	4,031	4,703	4,822
Amusement and recreation services	2,360	2,446	2,912	2,828	2,823	2,819	1,656	1,971	2,128	2,569	3,291	3,978
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	841	822	949	213	(D)	178
Health services	50,792	58,572	59,851	66,207	73,107	81,053	32,465	35,424	41,457	47,514	56,115	60,721
Legal services	6,259	7,128	7,565	7,223	9,077	9,242	4,685	5,249	5,246	4,637	5,111	5,308
Educational services	1,592	1,667	1,658	1,821	1,948	2,116	(D)	(D)	(D)	1,144	1,294	1,428
Social services	2,899	2,653	3,168	3,476	3,528	4,071	3,297	4,120	3,789	4,026	4,456	3,900
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	7,366	8,054	8,744	9,277	10,132	10,244	5,092	5,116	5,762	6,450	7,508	8,007
Miscellaneous services	9,927	9,039	10,305	10,169	10,782	12,156	7,524	8,039	10,778	10,955	12,003	12,736
Government and government enterprises	230,636	235,104	251,196	265,879	278,688	295,731	195,473	208,903	223,480	232,495	255,554	278,685
Federal, civilian	30,774	31,866	32,034	33,905	35,501	36,259	56,679	58,102	60,194	65,565	72,892	76,337
Military	83,144	87,148	91,874	96,377	95,050	96,816	74,015	78,361	82,625	79,151	86,806	97,491
State and local	116,718	116,090	127,288	135,597	148,137	162,656	64,779	72,440	80,661	87,779	95,856	104,857

See footnotes at end of tables.

Footnotes

(L) Less than $50,000 in earnings.
(D) Not shown to avoid disclosure of confidential information; estimates are included in total.
* The estimate shown here constitutes the major portion of the true estimate.

1. Farm income consists of proprietors' net income, the wages of hired farm labor, the pay-in-kind of hired farm labor, and the salaries of officers of corporate farms.
2. Midyear population estimates of the Bureau of the Census. Estimates for 1986–88 reflect revisions available as of September 1989. In some instances, estimates prior to 1986 are not consistent with those for 1986–88. BEA prepared 1989 county population estimates based on the Census Bureau 1989 State estimates and on the 1986–88 trend in the Census Bureau county estimates.
3. Personal contributions for social insurance are included in earnings by type and industry but excluded from personal income.
4. U.S. adjustment for residence is the adjustment for border workers: Income of U.S. residents commuting outside U.S. borders to work less income of foreign residents commuting inside U.S. borders to work, plus certain Caribbean seasonal workers.
5. Includes the capital consumption adjustment for rental income of persons.
6. Includes the inventory valuation and capital consumption adjustments.
7. "Other" consists of the wages and salaries of U.S. residents employed by international organizations and by foreign embassies and consulates in the United States.
8. Includes local, interurban, and highway passenger transit, transportation by air, pipelines (except natural gas), and transportation services.
9. Includes security and commodity brokers and services; insurance carriers, agents, brokers, and services; real estate; holding and other investment companies; and combinations of the above.
10. The Far West region excludes Alaska and Hawaii.
11. Estimates reflect Alaska boroughs and Census Areas as defined in the 1980 decennial census. Estimates for 1988 reflect the separation of Aleutian Islands Census Area into Aleutians East Borough and Aleutians West Census Area.

Appendix A

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Appendix B

Data Availability and Sample Tables from the Regional Economic Information System

Table	Time series	Frequency	Time lag	Media			Page
				Paper	Tape	Diskette	
QUARTERLY SERIES * *(Available for United States, Regions, and States)*							
Quarterly Personal Income (Table SQ1)	1969–91:I	Quarterly	4 months	P	.....	.....	226
Quarterly Personal Income by Major Source and Earnings by Industry (SQ5).	1969–91:I	Quarterly	4 months	P	T	D	227
Quarterly Wages and Salaries by Major Source and Major Industry (SQ7).	1969–91:I	Quarterly	4 months	P	T	D	228
STATE ANNUAL SERIES *(Available for United States, Regions, and States)*							
State Summary Tables (SA1–3) Personal Income Population Per Capita Personal Income	1929–90	Annually	8 months	P	T	.....	229–232
Personal Income by Major Source and Earnings by Industry (SA5)	1929–90	Annually	8 months	P	T	D	233–234
Wage and Salary Disbursements by Industry (SA7)	1929–90	Annually	8 months	P	T	D	235–236
Full-time and Part-time Employees by Industry (SA25)	1969–90	Annually	8 months	P	T	D	237–238
Full-time and Part-time Wage and Salary Employees by Industry (SA27).	1969–90	Annually	8 months	P	T	D	239–240
Transfer Payments (SA35)	1948–90	Annually	8 months	P	T	D	241
Farm Income and Expenses (SA45)	1969–90	Annually	9 months	P	T	D	242
Personal Tax and Nontax Payments (SA50)	1948–90	Annually	8 months	P	T	D	243
Disposable Personal Income (SA51–53)	1948–90	Annually	8 months	P	.....	.....	244–245
COUNTY ANNUAL SERIES * *(Available for United States, Regions, States, Counties, and Metropolitan Areas)*							
Summary Tables (CA1–3) Personal Income Population Per Capita Personal Income	1969–89	Annually	16 months	P	T	D	246–247
Per Capita Personal Income Rankings (CA4)	1989	Annually	16 months	P	.....	.....	248–249
Personal Income by Major Source and Earnings by Industry (CA5.2)	1969–89	Annually	16 months	P	T	.....	250–251
Personal Income by Major Source and Earnings by Major Industry (CA5.1).	1969–89	Annually	16 months	P	T	D	252
Full-time and Part-time Employees by Industry (CA25)	1969–89	Annually	16 months	P	T	D	253
Regional Economic Profile (CA30)	1969–89	Annually	16 months	P	T	D	254
Wage and Salary Summary Tables (CA34) Total Wages and Salaries Wage and Salary Employment Average Wage per Job	1969–89	Annually	12 months	P	T	D	254–255
BEARFACTS (BEA Regional FACT Sheet)	1979–89 1988–89	Annually	16 months	P	.....	D	256
Transfer Payments (CA35)	1969–89	Annually	16 months	P	T	D	257
Farm Income and Expenses (CA45)	1969–89	Annually	16 months	P	T	D	258
Census Journey to Work	1960,70,80	Decennial census	.....	P	T	.....	258

* Data for the Quarterly and County Annual Series are available annually on CD-ROM for $35.00.

QUARTERLY PERSONAL INCOME
For States and Region

(MILLIONS OF DOLLARS, SEASONALLY ADJUSTED AT ANNUAL RATES)

STATE AND REGION	1985 I	1985 II	1985 III	1985 IV	1986 I	1986 II	1986 III	1986 IV
UNITED STATES	3,252,664	3,298,599	3,330,473	3,399,647	3,454,989	3,522,863	3,547,282	3,589,223
NEW ENGLAND	197,351	200,132	202,903	207,840	212,490	217,000	220,600	225,295
CONNECTICUT	56,669	57,469	58,252	59,586	60,880	62,222	62,915	64,648
MAINE	13,590	13,647	13,762	14,138	14,487	14,827	15,143	15,487
MASSACHUSETTS	92,798	94,182	95,473	97,761	99,982	102,035	104,038	105,995
NEW HAMPSHIRE	14,827	15,121	15,449	15,904	16,275	16,654	16,904	17,238
RHODE ISLAND	13,027	13,157	13,273	13,603	13,832	14,101	14,319	14,528
VERMONT	6,439	6,555	6,693	6,847	7,033	7,162	7,280	7,399
MIDEAST	651,532	660,033	668,024	681,581	695,336	706,981	718,051	727,440
DELAWARE	8,828	8,991	9,069	9,326	9,551	9,741	9,893	9,969
DISTRICT OF COLUMBIA	11,004	11,099	11,263	11,437	11,734	11,851	11,982	12,134
MARYLAND	68,594	69,582	70,479	71,857	73,332	74,723	75,798	77,078
NEW JERSEY	130,165	132,511	134,048	137,223	140,186	142,762	145,203	147,246
NEW YORK	275,319	278,015	281,574	287,853	294,208	299,361	304,444	309,063
PENNSYLVANIA	157,622	159,835	161,591	163,886	166,325	168,542	170,732	171,950
GREAT LAKES	560,796	568,427	571,584	583,604	590,438	605,226	605,670	612,014
ILLINOIS	167,166	169,476	170,086	173,258	174,697	180,928	180,127	181,893
INDIANA	67,214	68,279	68,444	69,626	70,676	72,747	72,397	73,311
MICHIGAN	124,649	126,080	127,746	131,694	132,940	135,622	135,812	137,209
OHIO	139,918	141,787	142,280	145,013	146,764	148,936	150,084	151,696
WISCONSIN	61,848	62,805	63,027	64,013	65,361	66,993	67,249	67,904
PLAINS	229,153	234,088	230,966	236,812	237,382	251,853	245,387	250,068
IOWA	35,717	37,280	35,464	36,192	36,530	39,874	38,089	37,962
KANSAS	33,219	33,667	33,747	34,827	34,238	35,834	35,701	36,812
MINNESOTA	58,240	59,438	59,050	60,299	61,161	64,122	63,235	64,184
MISSOURI	65,227	66,229	66,787	67,971	69,214	70,378	70,856	71,564
NEBRASKA	20,669	21,616	20,333	21,035	20,764	23,712	21,406	21,840
NORTH DAKOTA	8,324	7,923	7,941	8,572	7,729	9,054	7,892	9,112
SOUTH DAKOTA	7,758	7,935	7,644	7,916	7,746	8,880	8,209	8,593
SOUTHEAST	666,440	676,860	685,204	698,496	713,920	723,239	732,220	739,769
ALABAMA	42,315	42,957	43,363	44,268	45,290	45,532	46,171	46,425
ARKANSAS	25,008	24,517	24,688	25,169	26,169	25,885	26,200	26,523
FLORIDA	152,739	156,743	159,385	162,910	166,569	169,964	172,371	174,330
GEORGIA	73,209	74,593	76,219	78,030	80,208	81,372	82,751	84,079
KENTUCKY	39,601	40,313	40,434	41,021	41,404	42,227	42,592	42,816
LOUISIANA	50,492	50,495	50,665	50,526	51,003	50,501	50,211	49,787
MISSISSIPPI	24,233	24,049	23,820	24,864	25,343	25,418	25,524	25,531
NORTH CAROLINA	71,103	72,417	73,531	75,340	76,718	78,294	79,484	80,487
SOUTH CAROLINA	34,984	35,458	36,017	36,728	37,397	37,891	38,301	38,818
TENNESSEE	52,651	53,524	54,023	55,260	56,249	57,137	58,170	58,878
VIRGINIA	80,817	82,225	83,480	84,877	87,482	88,918	90,238	91,737
WEST VIRGINIA	19,287	19,569	19,578	19,504	20,088	20,100	20,208	20,359
SOUTHWEST	312,735	316,663	320,088	324,707	328,395	328,652	326,955	325,291
ARIZONA	39,718	40,440	41,324	42,283	43,746	44,507	44,928	45,729
NEW MEXICO	15,926	16,209	16,322	16,609	16,776	16,939	16,934	16,984
OKLAHOMA	39,874	40,090	40,295	40,804	40,825	41,077	40,342	40,642
TEXAS	217,216	219,924	222,147	225,011	227,048	226,129	224,752	221,936
ROCKY MOUNTAIN	90,199	91,384	91,782	93,563	93,990	95,769	95,602	96,473
COLORADO	46,678	47,474	47,624	48,449	48,861	49,773	50,133	50,256
IDAHO	10,807	10,842	10,873	11,182	10,902	11,178	11,379	11,521
MONTANA	9,118	8,998	9,014	9,326	9,298	9,898	9,397	10,129
UTAH	17,220	17,469	17,641	17,885	18,185	18,289	18,340	18,372
WYOMING	6,377	6,601	6,632	6,721	6,744	6,632	6,353	6,195
FAR WEST	520,715	526,945	535,526	548,395	558,259	569,073	577,468	587,414
CALIFORNIA	412,865	417,652	425,016	435,761	443,540	452,064	459,179	466,420
NEVADA	13,432	13,615	13,880	14,144	14,437	14,741	15,026	15,308
OREGON	33,515	33,904	34,200	34,835	35,252	35,915	36,279	36,660
WASHINGTON	60,904	61,775	62,429	63,655	65,030	66,353	66,984	69,027
ALASKA	9,503	9,643	9,758	9,732	9,641	9,653	9,587	9,468
HAWAII	14,241	14,424	14,638	14,917	15,138	15,415	15,742	15,991
CENSUS REGIONS								
NEW ENGLAND	197,351	200,132	202,903	207,840	212,490	217,000	220,600	225,295
MIDDLE ATLANTIC	563,106	570,362	577,213	588,961	600,719	610,665	620,378	628,259
EAST NORTH CENTRAL	560,796	568,427	571,584	583,604	590,438	605,226	605,670	612,014
WEST NORTH CENTRAL	229,153	234,088	230,966	236,812	237,382	251,853	245,387	250,068
SOUTH ATLANTIC	520,565	530,675	539,021	550,008	563,079	572,854	581,025	588,992
EAST SOUTH CENTRAL	158,801	160,843	161,641	165,413	168,286	170,315	172,456	173,649
WEST SOUTH CENTRAL	332,590	335,027	337,795	341,510	345,045	343,593	341,506	338,888
MOUNTAIN	159,276	161,647	163,309	166,598	168,949	171,956	172,489	174,495
PACIFIC	531,027	537,398	546,041	558,900	568,601	579,400	587,770	597,565

FAR WEST REGION TOTALS DO NOT INCLUDE ALASKA AND HAWAII.
DETAIL MAY NOT ADD TO TOTALS DUE TO ROUNDING.

QUARTERLY PERSONAL INCOME BY MAJOR SOURCE AND EARNINGS BY INDUSTRY

For States

NORTH CAROLINA

(MILLIONS OF DOLLARS, SEASONALLY ADJUSTED AT ANNUAL RATES) 1/

TITLE	1985 1ST QTR.	1985 2ND QTR.	1985 3RD QTR.	1985 4TH QTR.	1986 1ST QTR.	1986 2ND QTR.	1986 3RD QTR.	1986 4TH QTR.
INCOME BY PLACE OF RESIDENCE								
TOTAL PERSONAL INCOME	71,103	72,417	73,531	75,340	76,718	78,294	79,484	80,487
NONFARM PERSONAL INCOME	69,887	71,129	72,471	73,884	75,570	76,825	78,084	79,125
FARM PERSONAL INCOME	1,217	1,288	1,060	1,456	1,148	1,469	1,399	1,362
DERIVATION OF TOTAL PERSONAL INCOME								
TOTAL EARNINGS BY PLACE OF WORK	54,449	55,611	56,578	58,178	59,042	60,373	61,458	62,434
LESS: PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE 2/	3,351	3,404	3,459	3,520	3,661	3,707	3,759	3,809
PLUS: ADJUSTMENT FOR RESIDENCE	-106	-109	-114	-116	-168	-172	-175	-175
EQUALS: NET EARNINGS BY PLACE OF RESIDENCE	50,993	52,098	53,005	54,542	55,213	56,494	57,524	58,450
PLUS: DIVIDENDS, INTEREST & RENT 4/	9,891	9,975	10,000	10,221	10,670	10,853	10,836	10,842
PLUS: TRANSFER PAYMENTS	10,219	10,344	10,526	10,577	10,835	10,947	11,124	11,195
STATE U.I. BENEFITS	282	271	263	235	241	244	238	233
TRANSFERS EXCL. STATE U.I.	9,938	10,073	10,263	10,342	10,594	10,704	10,887	10,962
EARNINGS BY PLACE OF WORK								
COMPONENTS OF EARNINGS								
WAGES AND SALARIES	44,718	45,645	46,619	47,674	48,542	49,311	50,201	51,082
OTHER LABOR INCOME	4,105	4,182	4,269	4,320	4,393	4,469	4,567	4,630
PROPRIETORS' INCOME 5/	5,626	5,785	5,691	6,184	6,107	6,593	6,689	6,722
FARM	981	1,051	822	1,219	912	1,233	1,162	1,123
NONFARM	4,645	4,734	4,868	4,965	5,195	5,360	5,527	5,599
EARNINGS BY INDUSTRY								
FARM	1,217	1,288	1,060	1,456	1,148	1,469	1,399	1,362
NONFARM	53,233	54,324	55,518	56,722	57,894	58,904	60,058	61,072
PRIVATE	44,060	44,957	45,954	46,991	48,006	48,861	49,860	50,701
AG.SERV.,FOR.,FISH.,AND OTHER 6/	233	247	252	259	275	279	280	280
MINING	228	241	247	251	247	243	241	246
CONSTRUCTION	3,643	3,738	3,766	3,852	4,091	4,170	4,223	4,196
MANUFACTURING	16,261	16,429	16,738	17,021	17,387	17,557	17,885	18,154
NONDURABLE GOODS	9,039	9,074	9,243	9,439	9,651	9,848	10,080	10,289
DURABLE GOODS	7,222	7,356	7,496	7,582	7,736	7,709	7,806	7,865
TRANSPORTATION AND PUBLIC UTILITIES	3,709	3,766	3,870	3,950	3,988	4,006	4,050	4,172
WHOLESALE TRADE	3,329	3,439	3,513	3,585	3,579	3,644	3,680	3,786
RETAIL TRADE	5,652	5,714	5,890	5,976	6,097	6,238	6,427	6,479
FINANCE, INSURANCE, AND REAL ESTATE	2,258	2,357	2,415	2,531	2,649	2,795	2,932	3,039
SERVICES	8,748	9,025	9,264	9,567	9,694	9,929	10,141	10,349
GOVERNMENT AND GOVERNMENT ENTERPRISES	9,173	9,366	9,564	9,732	9,888	10,043	10,199	10,371
FEDERAL, CIVILIAN	1,291	1,325	1,323	1,340	1,341	1,344	1,356	1,363
MILITARY	1,914	1,913	1,917	1,973	1,975	1,968	1,963	1,973
STATE AND LOCAL	5,968	6,128	6,325	6,419	6,572	6,731	6,880	7,036

DETAIL MAY NOT ADD TO TOTALS DUE TO ROUNDING.

1/ 1969-74 BASED ON 1967 SIC. 1975-87 BASED ON 1972 SIC.

2/ PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE ARE INCLUDED IN EARNINGS BY TYPE AND INDUSTRY BUT EXCLUDED FROM PERSONAL INCOME.

4/ INCLUDES CAPITAL CONSUMPTION ADJUSTMENT FOR RENTAL INCOME OF PERSONS.

5/ INCLUDES THE INVENTORY VALUATION AND CAPITAL CONSUMPTION ADJUSTMENTS.

6/ OTHER -- WAGES AND SALARIES OF U.S. RESIDENTS WORKING FOR INTERNATIONAL ORGANIZATIONS IN THE U.S.

7/ FAR WEST REGION TOTALS DO NOT INCLUDE ALASKA AND HAWAII.

QUARTERLY WAGES AND SALARIES BY MAJOR SOURCE AND MAJOR INDUSTRY
For States

MINNESOTA

(MILLIONS OF DOLLARS, SEASONALLY ADJUSTED AT ANNUAL RATES) 1/

TITLE	1981 1ST QTR.	1981 2ND QTR.	1981 3RD QTR.	1981 4TH QTR.	1982 1ST QTR.	1982 2ND QTR.	1982 3RD QTR.	1982 4TH QTR.
BY PLACE OF WORK								
WAGE AND SALARY DISBURSEMENTS	26,696	27,123	27,499	27,902	28,335	28,421	28,501	28,818
FARM	194	194	195	198	205	213	216	215
AG.SERV.,FOR.,FISH., AND OTHER 2/	87	89	92	95	93	95	97	95
MINING	391	407	449	435	401	322	226	183
CONSTRUCTION	1,501	1,374	1,409	1,444	1,418	1,385	1,319	1,290
MANUFACTURING	6,962	7,112	7,238	7,289	7,494	7,448	7,399	7,446
NON-DURABLE GOODS	2,685	2,724	2,753	2,859	2,888	2,902	2,911	2,985
DURABLE GOODS	4,276	4,388	4,484	4,430	4,606	4,546	4,489	4,460
TRANSPORTATION AND PUBLIC UTILITIES	2,149	2,213	2,208	2,228	2,234	2,177	2,240	2,200
WHOLESALE TRADE	2,277	2,319	2,345	2,356	2,405	2,422	2,399	2,385
RETAIL TRADE	2,817	2,818	2,846	2,807	2,872	2,912	2,970	2,972
FINANCE, INSURANCE, AND REAL ESTATE	1,573	1,589	1,628	1,663	1,692	1,726	1,764	1,828
SERVICES	4,436	4,561	4,690	4,799	4,807	4,999	5,113	5,289
GOVERNMENT AND GOVERNMENT ENTERPRISES	4,310	4,447	4,400	4,586	4,714	4,722	4,758	4,915
FEDERAL, CIVILIAN	675	679	677	681	684	677	698	714
MILITARY	81	83	84	88	84	82	81	86
STATE AND LOCAL	3,554	3,685	3,639	3,818	3,945	3,963	3,978	4,116

	1983 1ST QTR.	1983 2ND QTR.	1983 3RD QTR.	1983 4TH QTR.	1984 1ST QTR.	1984 2ND QTR.	1984 3RD QTR.	1984 4TH QTR.
WAGE AND SALARY DISBURSEMENTS	28,863	29,795	30,582	31,369	32,402	33,065	33,812	34,643
FARM	210	205	203	202	202	201	200	201
AG.SERV.,FOR.,FISH., AND OTHER 2/	99	97	93	101	102	107	112	117
MINING	212	228	246	214	258	262	265	253
CONSTRUCTION	1,312	1,361	1,417	1,467	1,518	1,586	1,647	1,718
MANUFACTURING	7,507	7,739	7,962	8,226	8,554	8,720	8,999	9,165
NON-DURABLE GOODS	3,040	3,104	3,129	3,227	3,350	3,347	3,437	3,507
DURABLE GOODS	4,467	4,634	4,833	4,999	5,204	5,373	5,562	5,658
TRANSPORTATION AND PUBLIC UTILITIES	2,260	2,303	2,334	2,382	2,478	2,476	2,525	2,549
WHOLESALE TRADE	2,328	2,373	2,441	2,526	2,607	2,710	2,771	2,832
RETAIL TRADE	2,978	3,051	3,148	3,217	3,317	3,381	3,432	3,521
FINANCE, INSURANCE, AND REAL ESTATE	1,911	1,965	1,998	2,064	2,088	2,174	2,152	2,264
SERVICES	5,237	5,472	5,620	5,815	5,891	6,085	6,214	6,437
GOVERNMENT AND GOVERNMENT ENTERPRISES	4,809	5,000	5,121	5,155	5,388	5,364	5,497	5,587
FEDERAL, CIVILIAN	724	753	751	743	761	756	761	771
MILITARY	89	92	95	97	102	104	107	108
STATE AND LOCAL	3,997	4,155	4,275	4,316	4,525	4,504	4,629	4,708

DETAIL MAY NOT ADD TO TOTALS DUE TO ROUNDING.
1/ 1969-74 BASED ON 1967 SIC. 1975-87 BASED ON 1972 SIC.
2/ OTHER -- WAGES AND SALARIES OF U.S. RESIDENTS WORKING FOR INTERNATIONAL ORGANIZATIONS IN THE U.S.

PERSONAL INCOME
For States and Regions

(MILLIONS OF DOLLARS)

STATE AND REGION	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987P
UNITED STATES	1,806,968	2,028,510	2,254,076	2,514,231	2,663,432	2,834,385	3,101,163	3,320,346	3,528,589	3,733,719
NEW ENGLAND	103,154	115,741	130,375	145,282	156,305	169,145	187,447	202,056	218,846	235,430
CONNECTICUT	29,490	33,233	37,692	42,115	45,237	48,630	53,893	57,994	62,666	67,371
MAINE	7,402	8,272	9,266	10,227	10,902	11,781	12,915	13,785	14,986	16,280
MASSACHUSETTS	48,575	54,272	60,945	67,786	73,266	79,425	88,260	95,053	103,013	110,821
NEW HAMPSHIRE	6,919	7,948	9,047	10,213	10,990	12,260	13,752	15,326	16,768	18,110
RHODE ISLAND	7,277	8,079	9,029	10,000	10,643	11,458	12,505	13,265	14,195	15,140
VERMONT	3,490	3,937	4,396	4,941	5,267	5,591	6,122	6,633	7,219	7,708
MIDEAST	367,952	405,975	450,680	499,432	533,797	570,631	621,851	665,293	711,953	758,239
DELAWARE	5,027	5,501	6,098	6,733	7,198	7,714	8,391	9,053	9,788	10,457
DISTRICT OF COLUMBIA	7,011	7,433	7,856	8,613	9,210	9,599	10,392	11,201	11,926	12,626
MARYLAND	36,845	40,811	45,606	50,847	54,411	58,647	64,544	70,128	75,233	80,367
NEW JERSEY	68,028	75,741	85,367	95,954	103,773	112,510	123,602	133,487	143,849	153,961
NEW YORK	154,826	169,687	188,321	208,172	223,261	239,979	263,537	280,690	301,769	321,832
PENNSYLVANIA	96,216	106,801	117,431	129,113	135,945	142,183	151,386	160,734	169,387	178,995
GREAT LAKES	353,153	390,445	420,290	456,410	469,844	493,266	539,149	571,103	603,336	634,175
ILLINOIS	104,750	115,250	123,993	137,055	141,841	147,786	161,426	169,997	179,411	189,332
INDIANA	43,033	47,577	50,778	55,194	56,447	59,036	65,015	68,391	72,283	76,520
MICHIGAN	80,404	88,554	94,080	100,082	101,228	107,437	118,047	127,542	135,396	141,034
OHIO	87,514	96,736	105,035	113,969	117,766	123,972	134,761	142,250	149,370	156,826
WISCONSIN	37,452	42,329	46,405	50,110	52,562	55,035	59,900	62,923	66,877	70,463
PLAINS	136,206	152,582	164,116	184,543	192,722	200,485	220,093	232,754	246,172	258,946
IOWA	24,196	26,518	27,811	31,553	31,569	31,790	34,763	36,163	38,114	40,218
KANSAS	19,033	21,795	23,565	26,736	28,459	29,471	31,789	33,865	35,646	37,021
MINNESOTA	33,009	37,257	41,103	45,303	47,734	50,027	55,824	59,257	63,175	67,010
MISSOURI	37,679	42,141	45,779	50,982	53,723	57,091	62,525	66,554	70,503	74,179
NEBRASKA	12,421	13,852	14,589	16,862	17,576	17,987	19,778	20,913	21,930	22,867
NORTH DAKOTA	5,007	5,464	5,590	6,710	7,070	7,361	7,930	8,190	8,447	8,777
SOUTH DAKOTA	4,861	5,555	5,680	6,398	6,590	6,760	7,483	7,813	8,357	8,873
SOUTHEAST	353,247	398,994	448,781	505,500	537,110	577,331	634,235	681,750	727,287	772,119
ALABAMA	24,430	27,333	30,063	33,261	34,851	37,093	40,349	43,225	45,854	48,098
ARKANSAS	14,135	15,761	17,097	19,139	19,855	21,158	23,309	24,846	26,194	27,090
FLORIDA	71,396	82,566	96,078	110,296	118,530	130,641	143,926	157,944	170,809	183,239
GEORGIA	36,440	41,025	45,805	51,842	55,787	61,211	68,920	75,513	82,103	87,720
KENTUCKY	24,024	26,912	29,401	32,738	34,281	35,340	38,732	40,343	42,260	44,541
LOUISIANA	27,919	31,740	36,697	42,211	44,863	46,456	48,798	50,544	50,376	50,681
MISSISSIPPI	14,264	16,150	17,500	19,489	20,551	21,431	23,159	24,242	25,454	26,781
NORTH CAROLINA	38,073	42,336	47,180	52,891	55,867	60,722	67,851	73,098	78,745	84,366
SOUTH CAROLINA	18,874	21,267	23,790	26,676	28,048	30,329	33,476	35,797	38,102	40,610
TENNESSEE	29,859	33,508	36,958	40,872	42,969	45,745	50,360	53,864	57,609	61,842
VIRGINIA	41,327	46,392	52,754	59,343	63,837	69,310	76,452	82,850	89,593	96,361
WEST VIRGINIA	12,505	14,004	15,459	16,741	17,671	17,895	18,902	19,485	20,188	20,791
SOUTHWEST	154,651	179,035	204,879	237,800	259,155	272,359	296,109	318,548	327,324	337,065
ARIZONA	18,549	21,947	25,091	28,339	29,756	32,750	36,800	40,941	44,728	47,502
NEW MEXICO	8,422	9,554	10,704	12,048	13,012	13,796	14,979	16,266	16,908	17,510
OKLAHOMA	21,325	24,860	28,585	33,189	36,713	36,925	38,824	40,266	40,722	40,968
TEXAS	106,355	122,674	140,499	164,224	179,673	188,888	205,505	221,075	224,966	231,085
ROCKY MOUNTAIN	48,870	55,747	63,097	71,425	76,356	80,934	86,932	91,731	95,458	99,153
COLORADO	23,287	26,928	30,836	35,406	38,822	41,542	44,947	47,556	49,756	52,287
IDAHO	6,579	7,289	8,129	8,946	9,079	9,778	10,357	10,926	11,245	11,799
MONTANA	5,860	6,428	7,040	7,858	8,118	8,504	8,922	9,114	9,681	9,917
UTAH	9,230	10,490	11,710	13,125	14,091	14,998	16,426	17,553	18,296	18,894
WYOMING	3,914	4,612	5,382	6,090	6,246	6,112	6,280	6,582	6,481	6,256
FAR WEST	276,902	315,938	355,981	396,338	418,672	448,600	492,579	532,897	573,054	612,564
CALIFORNIA	214,938	244,775	276,107	308,731	328,033	352,438	389,183	422,825	455,301	488,573
NEVADA	6,891	8,019	9,250	10,458	10,956	11,600	12,678	13,768	14,878	16,074
OREGON	20,822	23,658	26,063	27,889	28,263	30,010	32,302	34,113	36,027	37,826
WASHINGTON	34,250	39,486	44,562	49,260	51,420	54,552	58,416	62,191	66,848	70,091
ALASKA	4,791	5,021	5,599	6,449	7,739	8,758	9,140	9,659	9,587	9,395
HAWAII	8,043	9,031	10,279	11,051	11,732	12,875	13,628	14,555	15,572	16,634
CENSUS REGIONS										
NEW ENGLAND	103,154	115,741	130,375	145,282	156,305	169,145	187,447	202,056	218,846	235,430
MIDDLE ATLANTIC	319,070	352,230	391,119	433,240	462,978	494,671	538,525	574,911	615,006	654,789
EAST NORTH CENTRAL	353,153	390,445	420,290	456,410	469,844	493,266	539,149	571,103	603,336	634,175
WEST NORTH CENTRAL	136,206	152,582	164,116	184,543	192,722	200,485	220,093	232,754	246,172	258,946
SOUTH ATLANTIC	267,498	301,336	340,626	383,982	410,558	446,067	492,854	535,068	576,486	616,536
EAST SOUTH CENTRAL	92,577	103,903	113,922	126,360	132,653	139,609	152,601	161,674	171,177	181,261
WEST SOUTH CENTRAL	169,733	195,035	222,877	258,764	281,104	293,427	316,437	336,731	342,258	349,825
MOUNTAIN	82,733	95,267	108,142	122,270	130,080	139,079	151,389	162,707	171,972	180,239
PACIFIC	282,844	321,971	362,609	403,380	427,187	458,634	502,669	543,343	583,335	622,519

DETAIL WILL NOT ADD TO TOTALS DUE TO ROUNDING.

PER CAPITA PERSONAL INCOME
For States and Regions

(DOLLARS)

STATE AND REGION	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987P
UNITED STATES	8,136	9,033	9,919	10,949	11,480	12,098	13,114	13,908	14,636	15,340
NEW ENGLAND	8,385	9,375	10,542	11,700	12,569	13,539	14,904	15,956	17,175	18,329
CONNECTICUT	9,529	10,721	12,112	13,483	14,460	15,474	17,073	18,264	19,625	20,980
MAINE	6,636	7,354	8,218	9,014	9,568	10,270	11,160	11,834	12,786	13,720
MASSACHUSETTS	8,458	9,445	10,612	11,780	12,751	13,780	15,230	16,324	17,657	18,926
NEW HAMPSHIRE	7,740	8,716	9,788	10,898	11,591	12,787	14,060	15,349	16,321	17,133
RHODE ISLAND	7,602	8,445	9,518	10,501	11,168	11,999	13,025	13,721	14,564	15,355
VERMONT	7,005	7,786	8,577	9,578	10,122	10,639	11,551	12,398	13,342	14,061
MIDEAST	8,674	9,584	10,661	11,799	12,593	13,407	14,556	15,533	16,544	17,538
DELAWARE	8,404	9,187	10,249	11,286	12,000	12,719	13,662	14,544	15,457	16,238
DISTRICT OF COLUMBIA	10,463	11,337	12,322	13,609	14,696	15,371	16,660	17,974	19,071	20,303
MARYLAND	8,748	9,663	10,790	11,948	12,736	13,642	14,847	15,970	16,863	17,722
NEW JERSEY	9,247	10,273	11,573	12,955	13,966	15,065	16,442	17,637	18,866	20,067
NEW YORK	8,737	9,623	10,721	11,856	12,703	13,581	14,867	15,803	16,958	18,055
PENNSYLVANIA	8,109	8,995	9,891	10,869	11,440	11,953	12,730	13,548	14,242	14,997
GREAT LAKES	8,508	9,383	10,077	10,942	11,292	11,883	12,966	13,715	14,461	15,134
ILLINOIS	9,161	10,089	10,837	11,944	12,355	12,858	14,007	14,734	15,533	16,347
INDIANA	7,901	8,690	9,245	10,055	10,293	10,783	11,839	12,436	13,136	13,834
MICHIGAN	8,738	9,575	10,165	10,866	11,101	11,866	13,030	14,039	14,816	15,330
OHIO	8,107	8,958	9,723	10,552	10,927	11,542	12,545	13,239	13,898	14,543
WISCONSIN	8,086	9,072	9,845	10,581	11,073	11,590	12,576	13,177	13,983	14,659
PLAINS	7,999	8,924	9,534	10,670	11,108	11,510	12,570	13,262	14,011	14,684
IOWA	8,289	9,091	9,537	10,812	10,857	10,945	11,972	12,554	13,375	14,191
KANSAS	8,159	9,285	9,941	11,190	11,811	12,137	13,022	13,830	14,494	14,952
MINNESOTA	8,243	9,226	10,062	11,016	11,549	12,069	13,409	14,142	14,995	15,783
MISSOURI	7,735	8,619	9,298	10,322	10,868	11,500	12,494	13,221	13,923	14,537
NEBRASKA	7,958	8,854	9,274	10,652	11,055	11,266	12,323	13,034	13,727	14,341
NORTH DAKOTA	7,695	8,378	8,538	10,149	10,520	10,804	11,549	11,961	12,449	13,061
SOUTH DAKOTA	7,051	8,062	8,217	9,249	9,489	9,673	10,613	11,035	11,811	12,511
SOUTHEAST	6,911	7,676	8,484	9,414	9,876	10,484	11,367	12,056	12,695	13,307
ALABAMA	6,372	7,064	7,704	8,468	8,837	9,361	10,111	10,752	11,323	11,780
ARKANSAS	6,307	6,946	7,465	8,320	8,604	9,098	9,935	10,532	11,050	11,343
FLORIDA	7,819	8,718	9,764	10,819	11,315	12,143	13,021	13,888	14,607	15,241
GEORGIA	6,894	7,610	8,348	9,307	9,867	10,673	11,794	12,642	13,459	14,098
KENTUCKY	6,652	7,386	8,022	8,907	9,277	9,513	10,403	10,821	11,342	11,950
LOUISIANA	6,854	7,668	8,682	9,817	10,234	10,460	10,937	11,270	11,197	11,362
MISSISSIPPI	5,733	6,440	6,926	7,659	8,006	8,297	8,912	9,277	9,699	10,204
NORTH CAROLINA	6,633	7,297	7,999	8,877	9,281	9,987	10,999	11,676	12,438	13,155
SOUTH CAROLINA	6,206	6,889	7,589	8,374	8,710	9,323	10,157	10,738	11,268	11,858
TENNESSEE	6,692	7,392	8,030	8,811	9,208	9,753	10,652	11,302	12,002	12,738
VIRGINIA	7,821	8,713	9,827	10,905	11,631	12,469	13,567	14,532	15,461	16,322
WEST VIRGINIA	6,512	7,222	7,915	8,538	9,007	9,115	9,685	10,063	10,531	10,959
SOUTHWEST	7,663	8,617	9,561	10,801	11,339	11,592	12,401	13,100	13,224	13,512
ARIZONA	7,367	8,318	9,172	10,091	10,316	11,072	12,077	12,951	13,640	14,030
NEW MEXICO	6,728	7,461	8,169	9,023	9,506	9,840	10,499	11,215	11,435	11,673
OKLAHOMA	7,320	8,370	9,393	10,688	11,390	11,133	11,692	12,141	12,318	12,520
TEXAS	7,879	8,834	9,798	11,120	11,684	11,941	12,777	13,489	13,480	13,764
ROCKY MOUNTAIN	7,811	8,658	9,568	10,576	11,028	11,457	12,162	12,712	13,154	13,631
COLORADO	8,417	9,451	10,598	11,866	12,639	13,196	14,094	14,708	15,234	15,862
IDAHO	7,223	7,816	8,569	9,275	9,284	9,894	10,363	10,886	11,224	11,820
MONTANA	7,474	8,146	8,924	9,874	10,084	10,424	10,836	11,044	11,846	12,255
UTAH	6,766	7,407	7,952	8,660	9,041	9,400	10,120	10,676	10,994	11,246
WYOMING	9,083	10,207	11,339	12,332	12,235	11,837	12,246	12,918	12,775	12,759
FAR WEST	9,244	10,321	11,336	12,378	12,838	13,524	14,606	15,494	16,311	17,048
CALIFORNIA	9,411	10,526	11,603	12,723	13,235	13,926	15,096	16,041	16,863	17,661
NEVADA	9,580	10,481	11,421	12,377	12,499	12,962	13,846	14,645	15,380	15,958
OREGON	8,297	9,176	9,866	10,441	10,581	11,271	12,055	12,688	13,331	13,887
WASHINGTON	8,813	9,840	10,725	11,626	12,018	12,675	13,431	14,114	14,979	15,444
ALASKA	11,912	12,582	13,835	15,520	17,360	18,134	18,090	18,498	18,016	17,886
HAWAII	8,660	9,506	10,617	11,275	11,760	12,641	13,157	13,847	14,625	15,366
CENSUS REGIONS										
NEW ENGLAND	8,385	9,375	10,542	11,700	12,569	13,539	14,904	15,956	17,175	18,329
MIDDLE ATLANTIC	8,637	9,551	10,624	11,759	12,551	13,357	14,501	15,457	16,482	17,492
EAST NORTH CENTRAL	8,508	9,383	10,077	10,942	11,292	11,883	12,966	13,715	14,461	15,134
WEST NORTH CENTRAL	7,999	8,924	9,534	10,670	11,108	11,510	12,570	13,262	14,011	14,684
SOUTH ATLANTIC	7,455	8,258	9,171	10,159	10,714	11,473	12,467	13,305	14,082	14,791
EAST SOUTH CENTRAL	6,431	7,139	7,752	8,546	8,919	9,338	10,146	10,687	11,261	11,855
WEST SOUTH CENTRAL	7,469	8,383	9,326	10,573	11,114	11,328	12,072	12,683	12,740	13,000
MOUNTAIN	7,699	8,565	9,445	10,413	10,792	11,290	12,075	12,744	13,247	13,689
PACIFIC	9,254	10,321	11,343	12,385	12,875	13,578	14,634	15,512	16,311	17,040

1/ COMPUTED USING REVISED BUREAU OF THE CENSUS STATE POPULATION ESTIMATES.

PER CAPITA PERSONAL INCOME (PERCENT OF NATIONAL AVERAGE)
For States and Regions

STATE AND REGION	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987P
UNITED STATES	100	100	100	100	100	100	100	100	100	100
NEW ENGLAND	103	104	106	107	109	112	114	115	117	119
CONNECTICUT	117	119	122	123	126	128	130	131	134	137
MAINE	82	81	83	82	83	85	85	85	87	89
MASSACHUSETTS	104	105	107	108	111	114	116	117	121	123
NEW HAMPSHIRE	95	96	99	100	101	106	107	110	112	112
RHODE ISLAND	93	93	96	96	97	99	99	99	100	100
VERMONT	86	86	86	87	88	88	88	89	91	92
MIDEAST	107	106	107	108	110	111	111	112	113	114
DELAWARE	103	102	103	103	105	105	104	105	106	106
DISTRICT OF COLUMBIA	129	126	124	124	128	127	127	129	130	132
MARYLAND	108	107	109	109	111	113	113	115	115	116
NEW JERSEY	114	114	117	118	122	125	125	127	129	131
NEW YORK	107	107	108	108	111	112	113	114	116	118
PENNSYLVANIA	100	100	100	99	100	99	97	97	97	98
GREAT LAKES	105	104	102	100	98	98	99	99	99	99
ILLINOIS	113	112	109	109	108	106	107	106	106	107
INDIANA	97	96	93	92	90	89	90	89	90	90
MICHIGAN	107	106	102	99	97	98	99	101	101	100
OHIO	100	99	98	96	95	95	96	95	95	95
WISCONSIN	99	100	99	97	96	96	96	95	96	96
PLAINS	98	99	96	97	97	95	96	95	96	96
IOWA	102	101	96	99	95	90	91	90	91	93
KANSAS	100	103	100	102	103	100	99	99	99	97
MINNESOTA	101	102	101	101	101	100	102	102	102	103
MISSOURI	95	95	94	94	95	95	95	95	95	95
NEBRASKA	98	98	93	97	96	93	94	94	94	93
NORTH DAKOTA	95	93	86	93	92	89	88	86	85	85
SOUTH DAKOTA	87	89	83	84	83	80	81	79	81	82
SOUTHEAST	85	85	86	86	86	87	87	87	87	87
ALABAMA	78	78	78	77	77	77	77	77	77	77
ARKANSAS	78	77	75	76	75	75	76	76	75	74
FLORIDA	96	97	98	99	99	100	99	100	100	99
GEORGIA	85	84	84	85	86	88	90	91	92	92
KENTUCKY	82	82	81	81	81	79	79	78	77	78
LOUISIANA	84	85	88	90	89	86	83	81	77	74
MISSISSIPPI	70	71	70	70	70	69	68	67	66	67
NORTH CAROLINA	82	81	81	81	81	83	84	84	85	86
SOUTH CAROLINA	76	76	77	76	76	77	77	77	77	77
TENNESSEE	82	82	81	80	80	81	81	81	82	83
VIRGINIA	96	96	99	100	101	103	103	104	106	106
WEST VIRGINIA	80	80	80	78	78	75	74	72	72	71
SOUTHWEST	94	95	96	99	99	96	95	94	90	88
ARIZONA	91	92	92	92	90	92	92	93	93	91
NEW MEXICO	83	83	82	82	83	81	80	81	78	76
OKLAHOMA	90	93	95	98	99	92	89	87	84	82
TEXAS	97	98	99	102	102	99	97	97	92	90
ROCKY MOUNTAIN	96	96	96	97	96	95	93	91	90	89
COLORADO	103	105	107	108	110	109	107	106	104	103
IDAHO	89	87	86	85	81	82	79	78	77	77
MONTANA	92	90	90	90	88	86	83	79	81	80
UTAH	83	82	80	79	79	78	77	77	75	73
WYOMING	112	113	114	113	107	98	93	93	87	83
FAR WEST	114	114	114	113	112	112	111	111	111	111
CALIFORNIA	116	117	117	116	115	115	115	115	115	115
NEVADA	118	116	115	113	109	107	106	105	105	104
OREGON	102	102	99	95	92	93	92	91	91	91
WASHINGTON	108	109	108	106	105	105	102	101	102	101
ALASKA	146	139	139	142	151	150	138	133	123	117
HAWAII	106	105	107	103	102	104	100	100	100	100
CENSUS REGIONS										
NEW ENGLAND	103	104	106	107	109	112	114	115	117	119
MIDDLE ATLANTIC	106	106	107	107	109	110	111	111	113	114
EAST NORTH CENTRAL	105	104	102	100	98	98	99	99	99	99
WEST NORTH CENTRAL	98	99	96	97	97	95	96	95	96	96
SOUTH ATLANTIC	92	91	92	93	93	95	95	96	96	96
EAST SOUTH CENTRAL	79	79	78	78	78	77	77	77	77	77
WEST SOUTH CENTRAL	92	93	94	97	97	94	92	91	87	85
MOUNTAIN	95	95	95	95	94	93	92	92	91	89
PACIFIC	114	114	114	113	112	112	112	112	111	111

P = PRELIMINARY ESTIMATE

TOTAL POPULATION
For States and Regions

(THOUSANDS)

STATE AND REGION	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987P
UNITED STATES	222,098	224,564	227,255	229,637	231,996	234,284	236,477	238,736	241,096	243,400
NEW ENGLAND	12,303	12,345	12,368	12,418	12,435	12,493	12,577	12,663	12,742	12,844
CONNECTICUT	3,095	3,100	3,112	3,124	3,128	3,143	3,157	3,175	3,193	3,211
MAINE	1,115	1,125	1,128	1,135	1,139	1,147	1,157	1,165	1,172	1,187
MASSACHUSETTS	5,743	5,746	5,743	5,754	5,746	5,764	5,795	5,823	5,834	5,855
NEW HAMPSHIRE	894	912	924	937	948	959	978	998	1,027	1,057
RHODE ISLAND	957	957	949	952	953	955	960	967	975	986
VERMONT	498	506	513	516	520	526	530	535	541	548
MIDEAST	42,421	42,358	42,273	42,329	42,388	42,563	42,722	42,832	43,033	43,234
DELAWARE	598	599	595	597	600	606	614	622	633	644
DISTRICT OF COLUMBIA	670	656	638	633	627	624	624	623	625	622
MARYLAND	4,212	4,223	4,226	4,256	4,272	4,299	4,347	4,391	4,461	4,535
NEW JERSEY	7,356	7,373	7,376	7,407	7,430	7,468	7,518	7,568	7,625	7,672
NEW YORK	17,720	17,634	17,565	17,559	17,575	17,670	17,727	17,762	17,795	17,825
PENNSYLVANIA	11,865	11,874	11,873	11,879	11,883	11,895	11,892	11,864	11,894	11,936
GREAT LAKES	41,510	41,611	41,706	41,711	41,607	41,511	41,581	41,642	41,722	41,904
ILLINOIS	11,434	11,423	11,442	11,474	11,481	11,493	11,525	11,538	11,551	11,582
INDIANA	5,446	5,475	5,492	5,489	5,484	5,475	5,492	5,500	5,503	5,531
MICHIGAN	9,202	9,249	9,256	9,210	9,118	9,054	9,060	9,085	9,139	9,200
OHIO	10,795	10,799	10,803	10,801	10,777	10,741	10,742	10,745	10,748	10,784
WISCONSIN	4,632	4,666	4,714	4,736	4,747	4,748	4,763	4,775	4,783	4,807
PLAINS	17,028	17,097	17,214	17,295	17,350	17,419	17,509	17,551	17,569	17,634
IOWA	2,919	2,917	2,916	2,918	2,908	2,905	2,904	2,880	2,850	2,834
KANSAS	2,333	2,347	2,370	2,389	2,410	2,428	2,441	2,449	2,459	2,476
MINNESOTA	4,005	4,038	4,085	4,112	4,133	4,145	4,163	4,190	4,213	4,246
MISSOURI	4,871	4,889	4,923	4,939	4,943	4,965	5,004	5,034	5,064	5,103
NEBRASKA	1,561	1,564	1,573	1,583	1,590	1,596	1,605	1,604	1,598	1,594
NORTH DAKOTA	651	652	655	661	672	681	687	685	679	672
SOUTH DAKOTA	689	689	691	692	695	699	705	708	708	709
SOUTHEAST	51,113	51,977	52,895	53,698	54,383	55,067	55,797	56,549	57,288	58,022
ALABAMA	3,834	3,869	3,903	3,928	3,944	3,963	3,991	4,020	4,050	4,083
ARKANSAS	2,241	2,269	2,290	2,300	2,308	2,326	2,346	2,359	2,371	2,388
FLORIDA	9,132	9,471	9,840	10,194	10,475	10,758	11,053	11,373	11,694	12,023
GEORGIA	5,286	5,391	5,487	5,570	5,654	5,735	5,843	5,973	6,100	6,222
KENTUCKY	3,611	3,644	3,665	3,675	3,695	3,715	3,723	3,728	3,726	3,727
LOUISIANA	4,073	4,139	4,227	4,300	4,383	4,441	4,462	4,485	4,499	4,461
MISSISSIPPI	2,488	2,508	2,527	2,544	2,567	2,583	2,599	2,613	2,624	2,625
NORTH CAROLINA	5,740	5,802	5,898	5,958	6,019	6,080	6,169	6,260	6,331	6,413
SOUTH CAROLINA	3,041	3,087	3,135	3,186	3,220	3,253	3,296	3,334	3,381	3,425
TENNESSEE	4,462	4,533	4,603	4,639	4,666	4,690	4,728	4,766	4,800	4,855
VIRGINIA	5,284	5,325	5,368	5,442	5,488	5,558	5,635	5,701	5,795	5,904
WEST VIRGINIA	1,920	1,939	1,953	1,961	1,962	1,963	1,952	1,936	1,917	1,897
SOUTHWEST	20,180	20,777	21,428	22,017	22,854	23,495	23,878	24,317	24,753	24,946
ARIZONA	2,518	2,639	2,736	2,808	2,884	2,958	3,047	3,161	3,279	3,386
NEW MEXICO	1,252	1,281	1,310	1,335	1,369	1,402	1,427	1,450	1,479	1,500
OKLAHOMA	2,913	2,970	3,043	3,105	3,223	3,317	3,321	3,316	3,306	3,272
TEXAS	13,498	13,887	14,339	14,768	15,378	15,818	16,083	16,389	16,689	16,789
ROCKY MOUNTAIN	6,257	6,439	6,594	6,754	6,924	7,064	7,148	7,216	7,257	7,274
COLORADO	2,767	2,849	2,910	2,984	3,072	3,148	3,189	3,233	3,266	3,296
IDAHO	911	933	949	964	978	988	999	1,004	1,002	998
MONTANA	784	789	789	796	805	816	823	825	817	809
UTAH	1,364	1,416	1,473	1,516	1,559	1,595	1,623	1,644	1,664	1,680
WYOMING	431	452	475	494	510	516	513	510	507	490
FAR WEST	29,954	30,611	31,403	32,020	32,612	33,170	33,725	34,393	35,133	35,933
CALIFORNIA	22,839	23,255	23,797	24,267	24,786	25,309	25,780	26,358	27,001	27,663
NEVADA	719	765	810	845	877	895	916	940	967	1,007
OREGON	2,510	2,578	2,642	2,671	2,671	2,663	2,679	2,689	2,702	2,724
WASHINGTON	3,886	4,013	4,155	4,237	4,279	4,304	4,349	4,406	4,463	4,538
ALASKA	402	399	405	416	446	483	505	522	532	525
HAWAII	929	950	968	980	998	1,019	1,036	1,051	1,065	1,083
CENSUS REGIONS										
NEW ENGLAND	12,303	12,345	12,368	12,418	12,435	12,493	12,577	12,663	12,742	12,844
MIDDLE ATLANTIC	36,942	36,880	36,814	36,844	36,889	37,034	37,136	37,195	37,313	37,433
EAST NORTH CENTRAL	41,510	41,611	41,706	41,711	41,607	41,511	41,581	41,642	41,722	41,904
WEST NORTH CENTRAL	17,028	17,097	17,214	17,295	17,350	17,419	17,509	17,551	17,569	17,634
SOUTH ATLANTIC	35,883	36,492	37,141	37,797	38,318	38,878	39,534	40,214	40,938	41,684
EAST SOUTH CENTRAL	14,395	14,554	14,697	14,786	14,873	14,951	15,040	15,128	15,200	15,290
WEST SOUTH CENTRAL	22,725	23,266	23,899	24,474	25,292	25,902	26,212	26,550	26,864	26,910
MOUNTAIN	10,746	11,123	11,450	11,742	12,054	12,319	12,537	12,768	12,982	13,167
PACIFIC	30,566	31,195	31,966	32,570	33,179	33,777	34,350	35,027	35,763	36,533

2/ REVISED STATE POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS (EXCLUDING U.S. GOVERNMENT EMPLOYEES STATIONED OUTSIDE THE U.S.; INCLUDING ESTIMATES OF ILLEGAL ALIENS FOR 1980 FORWARD).
DETAIL WILL NOT ADD TO TOTALS DUE TO ROUNDING.

PERSONAL INCOME BY MAJOR SOURCE AND EARNINGS BY INDUSTRY

For States

(25-000) MASSACHUSETTS

(THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
INCOME BY PLACE OF RESIDENCE						
TOTAL PERSONAL INCOME	67,817,791	73,243,274	79,550,618	88,604,447	95,396,028	103,353,355
NONFARM PERSONAL INCOME	67,673,120	73,088,800	79,368,274	88,406,305	95,254,061	103,076,388
FARM INCOME	144,671	154,474	182,344	198,142	141,967	276,967
POPULATION (THOUSANDS) 2/	5,753	5,744	5,762	5,792	5,819	5,832
PER CAPITA PERSONAL INCOME (DOLLARS)	11,787	12,751	13,807	15,298	16,393	17,722
DERIVATION OF TOTAL PERSONAL INCOME						
EARNINGS BY PLACE OF WORK	48,898,746	52,297,326	57,522,016	64,630,253	70,642,890	77,089,554
LESS: PERSONAL CONT. FOR SOCIAL INSURANCE 3/	2,742,257	2,946,614	3,229,011	3,647,195	4,158,949	4,556,017
PLUS: ADJUSTMENT FOR RESIDENCE	-520,739	-572,829	-634,330	-747,535	-784,427	-786,209
EQUALS: NET EARNINGS BY PLACE OF RESIDENCE	45,635,750	48,777,883	53,658,675	60,235,523	65,699,514	71,747,328
PLUS: DIVIDENDS, INTEREST, AND RENT 5/	11,430,168	12,765,521	13,426,655	15,378,631	16,178,575	17,302,482
PLUS: TRANSFER PAYMENTS	10,751,873	11,699,870	12,465,288	12,990,293	13,517,939	14,303,545
EARNINGS BY PLACE OF WORK						
COMPONENTS OF EARNINGS						
WAGES AND SALARIES	40,970,906	43,893,806	47,767,230	53,716,489	58,686,388	63,788,496
OTHER LABOR INCOME	4,026,518	4,528,967	4,982,272	5,395,462	5,737,190	6,106,717
PROPRIETORS' INCOME 6/	3,901,322	3,874,553	4,772,514	5,518,302	6,219,312	7,194,341
FARM	93,425	104,046	133,349	149,937	93,359	228,213
NONFARM	3,807,897	3,770,507	4,639,165	5,368,365	6,125,953	6,966,128
EARNINGS BY INDUSTRY						
FARM	144,671	154,474	182,344	198,142	141,967	276,967
NONFARM	48,754,075	52,142,852	57,339,672	64,432,111	70,500,923	76,812,587
PRIVATE	42,072,175	45,231,323	49,941,028	56,528,219	61,904,745	67,578,896
AG. SERV., FORESTRY, FISHERIES, AND OTHER 7/	200,672	204,700	262,743	255,415	324,459	389,132
AGRICULTURAL SERVICES	117,424	132,632	155,753	174,534	197,150	239,433
FORESTRY, FISHERIES, AND OTHER 7/	83,248	72,068	106,990	80,881	127,309	149,699
FORESTRY	1,833	(D)	6,364	4,753	2,502	3,391
FISHERIES	81,415	(D)	100,626	76,128	124,807	146,308
OTHER 7/	0	0	0	0	0	0
MINING	199,422	191,253	152,313	169,275	238,540	257,593
COAL MINING	(D)	(D)	(D)	714	753	794
OIL AND GAS EXTRACTION	176,601	(D)	125,416	(D)	(D)	(D)
METAL MINING	(D)	(D)	(D)	(D)	(D)	(D)
NONMETALLIC MINERALS, EXCEPT FUELS	22,201	23,611	25,783	29,501	36,039	46,587
CONSTRUCTION	2,185,462	2,461,893	2,815,259	3,402,587	3,900,971	4,587,981
GENERAL BUILDING CONTRACTORS	598,632	679,273	815,662	1,006,713	1,122,554	1,348,079
HEAVY CONSTRUCTION CONTRACTORS	221,148	242,427	252,441	316,952	327,639	372,932
SPECIAL TRADE CONTRACTORS	1,365,682	1,540,193	1,747,156	2,078,922	2,450,778	2,866,970
MANUFACTURING	13,818,523	14,428,187	15,265,572	17,312,609	18,093,831	18,219,302
NONDURABLE GOODS	4,045,486	4,211,706	4,406,395	4,792,687	4,894,520	5,028,523
FOOD AND KINDRED PRODUCTS	476,991	514,538	(D)	517,008	545,235	565,342
TEXTILE MILL PRODUCTS	386,186	353,132	388,588	407,453	403,977	396,662
APPAREL AND OTHER TEXTILE PRODUCTS	451,376	453,546	462,504	489,145	459,793	422,680
PAPER AND ALLIED PRODUCTS	583,209	598,859	632,394	694,968	687,716	695,309
PRINTING AND PUBLISHING	804,069	893,716	985,854	1,144,427	1,262,663	1,372,249
CHEMICALS AND ALLIED PRODUCTS	470,320	512,251	497,497	574,741	599,454	618,342
PETROLEUM AND COAL PRODUCTS	61,600	60,614	57,132	(D)	(D)	(D)
TOBACCO MANUFACTURES	165	79	(D)	(D)	(D)	(D)
RUBBER AND MISC. PLASTICS PRODUCTS	519,930	553,730	605,405	653,681	650,249	703,101
LEATHER AND LEATHER PRODUCTS	291,640	271,241	259,245	(D)	(D)	(D)
DURABLE GOODS	9,773,037	10,216,481	10,859,177	12,519,922	13,199,311	13,190,779
LUMBER AND WOOD PRODUCTS	86,020	80,303	90,464	107,709	111,923	122,432
FURNITURE AND FIXTURES	125,697	122,384	126,979	142,477	150,542	179,426
PRIMARY METAL INDUSTRIES	385,685	375,913	331,454	375,341	367,625	396,369
FABRICATED METAL PRODUCTS	1,098,064	1,100,945	1,104,447	1,217,791	1,246,308	1,210,925
MACHINERY, EXCEPT ELECTRICAL	2,577,266	2,708,511	2,818,527	3,277,490	3,481,498	3,310,787
ELECTRIC AND ELECTRONIC EQUIPMENT	2,420,262	2,658,732	2,985,050	3,540,968	3,844,448	3,956,678
TRANSPORTATION EQUIP. EXCL. MOTOR VEHICLES	759,074	818,638	987,870	1,130,377	1,260,304	1,246,025
MOTOR VEHICLES AND EQUIPMENT	173,006	141,544	142,472	226,797	229,119	196,106
ORDNANCE 8/	0	0	0	0	0	0
STONE, CLAY, AND GLASS PRODUCTS	282,965	277,366	285,308	326,621	339,884	338,314
INSTRUMENTS AND RELATED PRODUCTS	1,444,464	1,503,221	1,558,225	1,720,843	1,725,785	1,787,753
MISCELLANEOUS MANUFACTURING INDUSTRIES	420,534	428,924	428,381	453,508	441,875	445,964
TRANSPORTATION AND PUBLIC UTILITIES	3,073,179	3,282,329	3,484,792	3,684,820	3,953,310	4,025,943
RAILROAD TRANSPORTATION	126,847	120,903	119,704	150,038	158,958	146,284
TRUCKING AND WAREHOUSING	649,431	657,693	688,306	787,134	818,114	867,650
WATER TRANSPORTATION	(D)	(D)	(D)	(D)	(D)	(D)
OTHER TRANSPORTATION	(D)	(D)	(D)	(D)	(D)	(D)
LOCAL AND INTERURBAN PASSENGER TRANSIT	183,538	193,966	209,154	229,807	243,848	261,639
TRANSPORTATION BY AIR	290,190	297,538	317,720	334,831	373,229	389,119
PIPELINES, EXCEPT NATURAL GAS	(D)	(D)	(D)	(D)	(D)	(D)
TRANSPORTATION SERVICES	102,664	118,650	139,350	171,788	200,138	209,526
COMMUNICATION	1,132,030	1,277,527	1,358,302	1,248,873	1,303,653	1,227,712
ELECTRIC, GAS, AND SANITARY SERVICES	548,865	573,829	605,548	707,363	785,867	845,863

SEE FOOTNOTES AT END OF TABLE.

PERSONAL INCOME BY MAJOR SOURCE AND EARNINGS BY INDUSTRY
For States—Continued

(25-000) MASSACHUSETTS (THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
WHOLESALE TRADE	3,037,009	3,208,399	3,545,719	4,139,272	4,548,439	4,992,466
RETAIL TRADE	4,610,604	4,858,911	5,571,746	6,208,597	6,923,783	7,714,219
BUILDING MATERIALS AND FARM EQUIPMENT	216,885	233,509	257,839	316,618	367,806	431,158
GENERAL MERCHANDISE STORES	552,833	579,210	632,183	678,998	743,569	789,030
FOOD STORES	752,952	795,295	891,522	961,979	1,035,433	1,131,473
AUTOMOTIVE DEALERS AND SERVICE STATIONS	638,600	660,692	768,829	903,360	1,031,452	1,230,282
APPAREL AND ACCESSORY STORES	349,938	374,477	421,005	484,256	531,916	603,085
FURNITURE AND HOME FURNISHINGS STORES	212,137	221,979	266,597	291,800	349,975	409,342
EATING AND DRINKING PLACES	1,024,001	1,103,727	1,310,660	1,447,830	1,645,482	1,792,689
MISCELLANEOUS RETAIL STORES	863,258	890,022	1,023,111	1,123,756	1,218,150	1,327,160
FINANCE, INSURANCE, AND REAL ESTATE	3,160,051	3,331,097	3,926,936	4,315,941	4,899,933	5,939,751
BANKING AND CREDIT AGENCIES	982,605	1,124,589	1,250,721	1,382,910	1,569,213	1,856,089
OTHER FINANCE, INSURANCE, & REAL ESTATE	2,177,446	2,206,508	2,676,215	2,933,031	3,330,720	4,083,662
SECURITY & COMMODITY BROKERS AND SERVICES	344,675	401,789	541,189	627,798	729,813	914,609
INSURANCE CARRIERS	1,056,384	1,161,514	1,266,389	1,331,611	1,431,541	1,565,858
INSURANCE AGENTS, BROKERS, AND SERVICES	384,724	425,813	440,350	504,144	563,869	662,965
REAL ESTATE	194,110	70,881	236,477	270,778	320,661	561,647
COMBINED REAL ESTATE, INSURANCE, ETC.	20,632	22,005	12,812	14,598	23,044	23,516
HOLDING AND OTHER INVESTMENT COMPANIES	176,921	124,506	178,998	184,102	261,792	355,067
SERVICES	11,787,253	13,264,554	14,915,948	17,039,703	19,021,479	21,452,509
HOTELS AND OTHER LODGING PLACES	228,873	260,883	317,595	364,194	405,860	466,710
PERSONAL SERVICES	384,534	423,203	494,424	547,569	656,796	719,833
PRIVATE HOUSEHOLDS	124,822	133,204	138,360	154,012	154,755	158,741
BUSINESS SERVICES	2,241,135	2,698,753	3,180,360	3,897,347	4,648,099	5,471,264
AUTO REPAIR, SERVICES, AND GARAGES	372,269	404,659	460,313	546,366	603,485	679,440
MISCELLANEOUS REPAIR SERVICES	167,343	186,715	221,970	244,955	241,701	273,071
AMUSEMENT AND RECREATION SERVICES	180,178	192,530	220,141	254,593	290,787	316,771
MOTION PICTURES	41,130	46,304	50,306	63,441	75,328	90,564
HEALTH SERVICES	3,791,026	4,323,812	4,714,917	5,116,950	5,550,021	6,074,585
LEGAL SERVICES	701,178	823,374	967,716	1,180,672	1,323,217	1,561,046
EDUCATIONAL SERVICES	1,340,586	1,444,868	1,590,935	1,760,674	1,847,468	2,011,147
SOCIAL SERVICES 9/	371,624	401,246	453,136	507,468	584,281	674,696
MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS	29,172	31,434	33,667	38,628	44,662	49,888
MEMBERSHIP ORGANIZATIONS	372,004	393,662	424,687	473,710	500,566	536,633
MISCELLANEOUS SERVICES	1,441,379	1,499,907	1,647,421	1,889,124	2,094,453	2,368,120
GOVERNMENT AND GOVERNMENT ENTERPRISES	6,681,900	6,911,529	7,398,644	7,903,892	8,596,178	9,233,691
FEDERAL, CIVILIAN	1,308,185	1,358,833	1,423,949	1,525,493	1,611,695	1,636,956
MILITARY	318,269	348,090	389,603	406,496	411,480	451,576
STATE AND LOCAL	5,055,446	5,204,606	5,585,092	5,971,903	6,573,003	7,145,159

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS, (EXCLUDING U.S. GOVERNMENT EMPLOYEES STATIONED OUTSIDE THE U.S.; INCLUDING ESTIMATES OF ILLEGAL ALIENS FOR 1980 FORWARD).
3/ PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE ARE INCLUDED IN EARNINGS BY TYPE AND INDUSTRY BUT EXCLUDED FROM PERSONAL INCOME.
5/ INCLUDES THE CAPITAL CONSUMPTION ADJUSTMENT FOR RENTAL INCOME OF PERSONS.
6/ INCLUDES THE INVENTORY VALUATION AND CAPITAL CONSUMPTION ADJUSTMENTS.
7/ OTHER -- WAGES AND SALARIES OF U.S. RESIDENTS WORKING FOR INTERNATIONAL ORGANIZATIONS IN THE U.S.
8/ UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION, ORDNANCE WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: FABRICATED METAL PRODUCTS, ELECTRIC AND ELECTRONIC EQUIPMENT, TRANSPORTATION EQUIPMENT, AND INSTRUMENTS AND RELATED PRODUCTS.
9/ THIS CATEGORY IS NEW UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1975 DO NOT EXIST.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; ESTIMATES ARE INCLUDED IN TOTALS.

WAGE AND SALARY DISBURSEMENTS BY INDUSTRY

For States

(04-000) ARIZONA

(THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
WAGE AND SALARY DISBURSEMENTS BY PLACE OF WORK	16,952,719	17,646,181	19,287,327	21,904,650	24,515,670	26,843,607
FARM	138,753	151,082	145,235	142,102	143,874	144,820
NONFARM	16,813,966	17,495,099	19,142,092	21,762,548	24,371,796	26,698,787
PRIVATE	13,303,588	13,637,891	15,010,944	17,358,987	19,551,272	21,419,037
AG. SERV., FORESTRY, FISHERIES, AND OTHER 2/	121,594	119,393	128,242	152,680	170,385	201,021
AGRICULTURAL SERVICES	(D)	(D)	(D)	(D)	168,944	198,968
FORESTRY, FISHERIES, AND OTHER 2/	(D)	(D)	(D)	(D)	1,441	2,053
FORESTRY	(D)	(D)	(D)	(D)	(D)	(D)
FISHERIES	0	0	0	0	(D)	(D)
OTHER 2/	0	0	0	0	0	0
MINING	653,499	490,328	400,806	390,625	363,337	337,672
COAL MINING	(D)	(D)	(D)	(D)	(D)	(D)
OIL AND GAS EXTRACTION	3,354	5,031	4,527	4,014	3,447	2,521
METAL MINING	602,978	434,196	345,528	333,679	308,538	278,404
NONMETALLIC MINERALS, EXCEPT FUELS	(D)	(D)	(D)	(D)	(D)	(D)
CONSTRUCTION	1,437,880	1,317,672	1,570,571	1,924,701	2,283,359	2,401,334
GENERAL BUILDING CONTRACTORS	334,119	285,344	352,209	464,567	537,603	557,979
HEAVY CONSTRUCTION CONTRACTORS	426,085	408,500	399,386	420,910	483,038	497,064
SPECIAL TRADE CONTRACTORS	677,676	623,828	818,976	1,039,224	1,262,718	1,346,291
MANUFACTURING	3,090,766	3,172,558	3,391,727	3,919,741	4,279,543	4,620,506
NONDURABLE GOODS	527,719	548,173	582,335	648,142	692,302	782,489
FOOD AND KINDRED PRODUCTS	151,671	149,899	149,363	154,804	164,495	184,612
TEXTILE MILL PRODUCTS	2,548	3,364	(D)	3,470	3,043	4,679
APPAREL AND OTHER TEXTILE PRODUCTS	47,216	49,360	51,029	53,697	51,636	56,792
PAPER AND ALLIED PRODUCTS	38,130	36,391	36,945	42,462	45,508	52,543
PRINTING AND PUBLISHING	172,055	187,858	209,448	245,177	270,702	304,503
CHEMICALS AND ALLIED PRODUCTS	63,335	66,171	71,866	77,631	80,223	89,555
PETROLEUM AND COAL PRODUCTS	5,004	4,533	(D)	3,423	3,933	4,055
TOBACCO MANUFACTURES	0	0	0	0	0	0
RUBBER AND MISC. PLASTICS PRODUCTS	42,983	46,207	51,606	62,505	67,669	80,598
LEATHER AND LEATHER PRODUCTS	4,777	4,390	4,580	4,973	5,093	5,152
DURABLE GOODS	2,563,047	2,624,385	2,809,392	3,271,599	3,587,241	3,838,017
LUMBER AND WOOD PRODUCTS	85,714	76,669	97,369	118,864	124,836	145,651
FURNITURE AND FIXTURES	(D)	(D)	(D)	(D)	(D)	(D)
PRIMARY METAL INDUSTRIES	232,678	187,153	170,977	184,934	201,787	200,249
FABRICATED METAL PRODUCTS	129,370	129,890	138,573	160,857	166,043	164,057
MACHINERY, EXCEPT ELECTRICAL	573,396	617,585	640,993	695,304	726,828	696,392
ELECTRIC AND ELECTRONIC EQUIPMENT	693,616	759,474	831,827	1,009,192	1,047,684	1,111,548
TRANSPORTATION EQUIP. EXCL. MOTOR VEHICLES	465,473	484,251	522,420	606,996	722,257	878,974
MOTOR VEHICLES AND EQUIPMENT	(D)	(D)	(D)	(D)	(D)	(D)
ORDNANCE 3/	0	0	0	0	0	0
STONE, CLAY, AND GLASS PRODUCTS	120,235	107,008	131,020	161,013	182,997	192,022
INSTRUMENTS AND RELATED PRODUCTS	177,693	176,680	179,561	217,253	278,081	299,433
MISCELLANEOUS MANUFACTURING INDUSTRIES	34,589	36,888	41,216	47,785	53,767	59,909
TRANSPORTATION AND PUBLIC UTILITIES	1,183,449	1,158,255	1,244,852	1,311,389	1,429,565	1,532,617
RAILROAD TRANSPORTATION	96,889	96,086	99,580	110,320	106,666	101,903
TRUCKING AND WAREHOUSING	196,477	195,009	209,639	234,195	247,870	263,687
WATER TRANSPORTATION	1,049	(D)	(D)	(D)	(D)	(D)
OTHER TRANSPORTATION	202,161	(D)	(D)	(D)	(D)	(D)
LOCAL AND INTERURBAN PASSENGER TRANSIT	53,062	56,707	59,070	63,170	67,830	69,555
TRANSPORTATION BY AIR	118,716	114,476	125,723	127,019	131,558	165,669
PIPELINES, EXCEPT NATURAL GAS	2,922	(D)	(D)	(D)	(D)	(D)
TRANSPORTATION SERVICES	27,461	30,956	34,488	43,061	47,945	49,939
COMMUNICATION	353,160	396,995	410,091	405,961	438,497	440,271
ELECTRIC, GAS, AND SANITARY SERVICES	333,713	263,294	301,234	321,936	383,707	435,077
WHOLESALE TRADE	945,509	979,738	1,043,899	1,231,258	1,399,966	1,465,160
RETAIL TRADE	1,963,370	2,079,648	2,248,810	2,581,231	2,921,746	3,158,117
BUILDING MATERIALS AND FARM EQUIPMENT	111,511	108,213	115,832	140,403	149,329	159,001
GENERAL MERCHANDISE STORES	278,916	287,157	284,242	314,615	331,151	350,136
FOOD STORES	406,454	440,982	468,498	513,203	567,172	623,772
AUTOMOTIVE DEALERS AND SERVICE STATIONS	356,815	372,175	418,549	508,551	586,179	609,869
APPAREL AND ACCESSORY STORES	71,513	76,800	79,808	85,995	96,663	103,843
FURNITURE AND HOME FURNISHINGS STORES	106,871	109,227	118,371	150,950	185,764	191,512
EATING AND DRINKING PLACES	415,790	447,009	493,955	565,794	632,961	715,355
MISCELLANEOUS RETAIL STORES	215,500	238,085	269,555	301,720	372,527	404,629
FINANCE, INSURANCE, AND REAL ESTATE	986,479	1,082,367	1,258,161	1,474,861	1,787,422	2,114,309
BANKING AND CREDIT AGENCIES	391,245	437,021	504,702	584,834	709,343	854,894
OTHER FINANCE, INSURANCE, & REAL ESTATE	595,234	645,346	753,459	890,027	1,078,079	1,259,415
SECURITY & COMMODITY BROKERS AND SERVICES	52,402	63,126	92,768	98,621	120,865	151,380
INSURANCE CARRIERS	204,091	218,093	242,492	271,233	306,108	357,355
INSURANCE AGENTS, BROKERS, AND SERVICES	85,213	93,197	103,973	118,940	147,345	178,711
REAL ESTATE	209,622	220,510	257,821	327,660	422,064	483,067
COMBINED REAL ESTATE, INSURANCE, ETC.	(D)	233	1,576	1,706	2,136	(D)
HOLDING AND OTHER INVESTMENT COMPANIES	(D)	50,187	54,829	71,867	79,561	(D)

SEE FOOTNOTES AT END OF TABLE.

WAGE AND SALARY DISBURSEMENTS BY INDUSTRY
For States—Continued

(04-000) ARIZONA (THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
SERVICES	2,921,042	3,237,932	3,723,876	4,372,501	4,915,949	5,588,301
HOTELS AND OTHER LODGING PLACES	222,842	235,281	272,384	307,808	345,115	388,238
PERSONAL SERVICES	126,077	131,678	148,720	165,617	181,969	198,541
PRIVATE HOUSEHOLDS	58,077	63,825	67,929	77,579	80,584	85,804
BUSINESS SERVICES	459,900	515,529	658,560	867,036	961,699	1,099,058
AUTO REPAIR, SERVICES, AND GARAGES	113,018	118,517	138,617	167,199	185,337	240,924
MISCELLANEOUS REPAIR SERVICES	44,513	43,778	50,022	62,268	67,322	79,265
AMUSEMENT AND RECREATION SERVICES	72,436	84,053	91,604	104,714	121,282	132,631
MOTION PICTURES	12,552	13,037	14,109	15,129	17,612	22,101
HEALTH SERVICES	938,671	1,101,110	1,241,441	1,382,404	1,550,282	1,761,248
LEGAL SERVICES	166,747	205,820	242,909	287,145	340,732	402,134
EDUCATIONAL SERVICES	80,144	84,030	94,287	107,344	119,707	128,462
SOCIAL SERVICES 4/	109,931	111,747	121,474	141,496	165,504	182,959
MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS	5,001	5,367	5,740	6,554	7,067	7,988
MEMBERSHIP ORGANIZATIONS	257,450	266,349	290,190	313,443	330,189	349,231
MISCELLANEOUS SERVICES	253,683	257,811	285,890	366,765	441,548	509,717
GOVERNMENT AND GOVERNMENT ENTERPRISES	3,510,378	3,857,208	4,131,148	4,403,561	4,820,524	5,279,750
FEDERAL, CIVILIAN	790,933	791,135	845,728	931,531	989,591	1,004,730
MILITARY	429,912	483,927	539,094	549,457	550,696	589,416
STATE AND LOCAL	2,289,533	2,582,146	2,746,326	2,922,573	3,280,237	3,685,604

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ OTHER -- WAGES AND SALARIES OF U.S. RESIDENTS WORKING FOR INTERNATIONAL ORGANIZATIONS IN THE U.S.
3/ UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION, ORDNANCE WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: FABRICATED METAL PRODUCTS, ELECTRIC AND ELECTRONIC EQUIPMENT, TRANSPORTATION EQUIPMENT, AND INSTRUMENTS AND RELATED PRODUCTS.
4/ THIS CATEGORY IS NEW UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1975 DO NOT EXIST.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; ESTIMATES ARE INCLUDED IN TOTALS.

FULL-TIME AND PART-TIME EMPLOYEES BY INDUSTRY
For States

(34-000) NEW JERSEY

ITEM	1981	1982	1983	1984	1985	1986
EMPLOYMENT BY PLACE OF WORK						
TOTAL EMPLOYMENT	3,588,215	3,594,497	3,704,252	3,897,608	4,009,872	4,129,901
BY TYPE:						
WAGE AND SALARY	3,225,332	3,203,790	3,290,534	3,463,530	3,542,375	3,628,702
PROPRIETORS	362,883	390,707	413,718	434,078	467,497	501,199
FARM	9,205	9,225	9,815	9,284	8,860	8,451
NONFARM 2/	353,678	381,482	403,903	424,794	458,637	492,748
BY INDUSTRY:						
FARM	18,607	18,333	18,601	17,680	16,855	16,944
NONFARM	3,569,608	3,576,164	3,685,651	3,879,928	3,993,017	4,112,957
PRIVATE	3,015,441	3,029,686	3,131,882	3,316,015	3,428,901	3,539,633
AGRIC. SERV., FORESTRY, FISHERIES & OTHER 3/	20,676	21,719	23,556	26,142	27,915	29,700
AGRICULTURAL SERVICES	18,725	19,626	21,524	24,001	25,784	27,485
FORESTRY, FISHERIES AND OTHER 3/	1,951	2,093	2,032	2,141	2,131	2,215
FORESTRY	106	181	212	219	164	187
FISHERIES	1,845	1,912	1,820	1,922	1,967	2,028
OTHER 3/	0	0	0	0	0	0
MINING	4,517	4,727	5,351	5,604	5,829	6,410
COAL MINING	(D)	(D)	41	42	41	45
OIL AND GAS EXTRACTION	1,809	2,115	2,928	3,028	3,274	3,742
METAL MINING	(D)	(D)	357	372	369	397
NONMETALLIC MINERALS, EXCEPT FUELS	2,196	2,107	2,025	2,162	2,145	2,226
CONSTRUCTION	143,069	144,599	150,954	172,915	186,215	200,534
GENERAL BUILDING CONTRACTORS	31,996	30,926	34,016	41,582	45,582	51,444
HEAVY CONSTRUCTION CONTRACTORS	19,300	19,290	20,251	22,562	22,270	20,388
SPECIAL TRADE CONTRACTORS	91,773	94,383	96,687	108,771	118,363	128,702
MANUFACTURING	782,348	737,244	726,967	739,808	726,665	706,696
NONDURABLE GOODS	399,940	383,783	379,443	387,877	383,522	376,453
FOOD AND KINDRED PRODUCTS	48,591	46,596	47,533	47,787	49,010	49,656
TEXTILE MILL PRODUCTS	19,450	16,997	(D)	15,428	14,569	14,296
APPAREL AND OTHER TEXTILE PRODUCTS	56,176	51,357	51,814	51,073	47,973	46,723
PAPER AND ALLIED PRODUCTS	31,526	30,140	31,561	32,143	30,925	29,459
PRINTING AND PUBLISHING	61,963	62,437	61,989	67,242	70,725	70,385
CHEMICALS AND ALLIED PRODUCTS	127,102	124,480	118,984	120,349	119,016	117,263
PETROLEUM AND COAL PRODUCTS	11,889	11,011	10,435	9,836	9,196	8,549
TOBACCO MANUFACTURES	284	279	243	384	347	291
RUBBER AND MISC. PLASTICS PRODUCTS	36,804	35,220	(D)	39,185	37,548	36,300
LEATHER AND LEATHER PRODUCTS	6,155	5,266	4,783	4,450	4,213	3,531
DURABLE GOODS	382,408	353,461	347,524	351,931	343,143	330,243
LUMBER AND WOOD PRODUCTS	(D)	5,624	6,047	6,662	7,180	7,268
FURNITURE AND FIXTURES	(D)	10,030	10,576	12,747	13,025	12,919
PRIMARY METAL INDUSTRIES	25,352	22,017	20,947	21,523	20,894	19,697
FABRICATED METAL PRODUCTS	58,399	53,467	51,687	50,782	50,137	49,144
MACHINERY, EXCEPT ELECTRICAL	75,136	68,185	63,697	61,482	61,090	57,942
ELECTRIC AND ELECTRONIC EQUIPMENT	92,196	89,398	90,792	95,345	91,106	88,620
TRANSPORTATION EQUIP. EXCL. MOTOR VEHICLES	6,090	5,777	4,944	5,165	5,475	5,289
MOTOR VEHICLES AND EQUIPMENT	11,456	8,923	9,542	11,107	9,771	7,122
ORDNANCE 4/	0	0	0	0	0	0
STONE, CLAY, AND GLASS PRODUCTS	31,849	28,275	27,947	26,909	26,238	25,608
INSTRUMENTS AND RELATED PRODUCTS	37,450	35,355	34,459	33,254	33,950	32,950
MISCELLANEOUS MANUFACTURING INDUSTRIES	28,772	26,410	26,886	26,955	24,277	23,684
TRANSPORTATION AND PUBLIC UTILITIES	214,311	214,228	219,727	240,193	246,370	249,916
RAILROAD TRANSPORTATION	7,324	5,127	3,107	2,879	2,452	2,225
TRUCKING AND WAREHOUSING	69,297	67,913	70,170	78,182	80,684	81,184
WATER TRANSPORTATION	15,075	13,394	15,853	17,119	16,964	17,059
OTHER TRANSPORTATION	39,322	41,620	46,059	51,777	54,329	54,816
LOCAL AND INTERURBAN PASSENGER TRANSIT	19,814	20,726	21,737	23,531	25,093	25,273
TRANSPORTATION BY AIR	10,534	11,164	12,767	15,541	15,749	15,872
PIPELINES, EXCEPT NATURAL GAS	159	159	169	159	172	163
TRANSPORTATION SERVICES	8,815	9,571	11,386	12,546	13,315	13,508
COMMUNICATION	56,340	58,625	55,953	60,733	61,895	63,945
ELECTRIC, GAS, AND SANITARY SERVICES	26,953	27,549	28,585	29,503	30,046	30,687
WHOLESALE TRADE	242,959	245,225	254,018	274,758	279,447	285,237
RETAIL TRADE	549,721	555,822	580,716	610,946	630,605	650,765
BUILDING MATERIALS AND FARM EQUIPMENT	16,798	16,914	17,029	18,413	19,498	21,250
GENERAL MERCHANDISE STORES	78,751	76,789	76,004	81,857	82,719	84,172
FOOD STORES	96,312	97,596	102,676	109,776	111,197	115,950
AUTOMOTIVE DEALERS AND SERVICE STATIONS	53,896	54,050	57,241	59,556	62,360	64,965
APPAREL AND ACCESSORY STORES	44,906	45,622	49,460	49,860	51,853	53,755
FURNITURE AND HOME FURNISHINGS STORES	24,344	24,475	25,546	27,241	29,385	32,577
EATING AND DRINKING PLACES	143,581	145,904	156,055	165,688	170,713	172,784
MISCELLANEOUS RETAIL STORES	91,133	94,472	96,705	98,555	102,880	105,312

SEE FOOTNOTES AT END OF TABLE.

FULL-TIME AND PART-TIME EMPLOYEES BY INDUSTRY
For States—Continued

(34-000) NEW JERSEY

ITEM	1981	1982	1983	1984	1985	1986
FINANCE, INSURANCE, AND REAL ESTATE	228,387	236,268	244,128	258,975	277,050	300,244
BANKING AND CREDIT AGENCIES	62,452	62,059	66,028	69,112	73,488	80,104
OTHER FINANCE, INSURANCE AND REAL ESTATE	165,935	174,209	178,100	189,863	203,562	220,140
SECURITY & COMMODITY BROKERS AND SERVICES	10,238	11,218	11,972	13,715	16,543	19,341
INSURANCE CARRIERS	53,567	55,024	54,497	54,335	54,892	59,453
INSURANCE AGENTS, BROKERS, AND SERVICES	22,593	23,920	25,247	27,178	27,771	28,856
REAL ESTATE	70,555	74,099	78,086	85,352	94,733	101,750
COMBINED REAL ESTATE, INSURANCE, ETC.	839	788	744	706	704	781
HOLDING AND OTHER INVESTMENT COMPANIES	8,143	9,160	7,554	8,577	8,919	9,959
SERVICES	829,453	869,854	926,465	986,674	1,048,805	1,110,131
HOTELS AND OTHER LODGING PLACES	49,189	52,274	55,820	62,157	67,059	68,416
PERSONAL SERVICES	53,196	55,673	59,943	63,948	72,136	76,886
PRIVATE HOUSEHOLDS	37,676	38,023	37,812	37,660	36,892	36,229
BUSINESS AND REPAIR SERVICES	244,557	266,993	297,528	330,020	360,658	392,055
BUSINESS SERVICES	200,001	220,688	250,933	277,270	305,458	333,975
AUTO REPAIR, SERVICES, AND GARAGES	26,781	28,812	29,958	33,371	35,664	37,946
MISCELLANEOUS REPAIR SERVICES	17,775	17,493	16,637	19,379	19,536	20,134
AMUSEMENT & RECREATION INCL. MOTION PICTURES	38,523	39,211	41,299	43,724	45,919	47,329
AMUSEMENT AND RECREATION SERVICES	33,407	34,043	35,852	37,365	39,576	40,429
MOTION PICTURES	5,116	5,168	5,447	6,359	6,343	6,900
PROFESSIONAL, SOCIAL, AND RELATED SERVICES	406,312	417,680	434,063	449,165	466,141	489,216
HEALTH SERVICES	197,722	207,561	217,211	224,242	234,992	247,454
LEGAL SERVICES	30,588	32,661	34,080	36,076	38,741	41,863
EDUCATIONAL SERVICES	46,047	45,505	47,915	49,170	49,650	50,476
SOCIAL SERVICES 5/	31,678	29,025	32,305	34,412	37,381	39,562
MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS	452	419	425	432	444	468
MEMBERSHIP ORGANIZATIONS	44,167	43,868	43,259	43,241	43,541	44,744
MISCELLANEOUS SERVICES	55,658	58,641	58,868	61,592	61,392	64,649
GOVERNMENT AND GOVERNMENT ENTERPRISES	554,167	546,478	553,769	563,913	564,116	573,324
FEDERAL, CIVILIAN	73,184	73,607	72,751	73,892	76,156	76,527
MILITARY	39,264	41,717	48,055	54,132	51,326	53,545
STATE AND LOCAL	441,719	431,154	432,963	435,889	436,634	443,252

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ EXCLUDES LIMITED PARTNERS.
3/ OTHER -- THE NUMBER OF JOBS HELD BY U.S. RESIDENTS WORKING FOR INTERNATIONAL ORGANIZATIONS IN THE U.S.
4/ UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION, ORDNANCE WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: FABRICATED METAL PRODUCTS, ELECTRIC AND ELECTRONIC EQUIPMENT, TRANSPORTATION EQUIPMENT, AND INSTRUMENTS AND RELATED PRODUCTS.
5/ THIS CATEGORY IS NEW UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1975 DO NOT EXIST.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; ESTIMATES ARE INCLUDED IN TOTALS.

FULL-TIME AND PART-TIME WAGE AND SALARY EMPLOYEES BY INDUSTRY

For States

(42-000) PENNSYLVANIA

ITEM	1981	1982	1983	1984	1985	1986
WAGE & SALARY EMPLOYMENT BY PLACE OF WORK	4,950,469	4,793,390	4,752,813	4,878,161	4,952,925	5,017,826
FARM	33,026	31,834	31,098	29,713	28,249	29,861
NONFARM	4,917,443	4,761,556	4,721,715	4,848,448	4,924,676	4,987,965
PRIVATE	4,148,135	4,017,176	3,970,318	4,106,319	4,174,102	4,239,170
AGRIC. SERV., FORESTRY, FISHERIES & OTHER 2/	15,846	16,538	17,358	18,382	19,921	22,056
AGRICULTURAL SERVICES	15,553	16,252	17,032	17,999	19,547	21,663
FORESTRY, FISHERIES AND OTHER 2/	293	286	326	383	374	393
FORESTRY	(D)	(D)	(D)	(D)	(D)	(D)
FISHERIES	(D)	(D)	(D)	(D)	(D)	(D)
OTHER 2/	40	40	40	40	40	40
MINING	44,955	46,283	39,285	38,831	36,518	33,726
COAL MINING	(D)	(D)	(D)	(D)	26,319	24,330
OIL AND GAS EXTRACTION	5,101	5,467	4,865	5,427	5,592	4,480
METAL MINING	(D)	(D)	(D)	(D)	17	14
NONMETALLIC MINERALS, EXCEPT FUELS	4,265	4,131	4,014	3,959	4,590	4,902
CONSTRUCTION	186,274	173,823	171,091	181,889	193,296	208,677
GENERAL BUILDING CONTRACTORS	48,598	43,949	42,897	47,893	52,665	57,369
HEAVY CONSTRUCTION CONTRACTORS	39,876	38,537	36,911	33,706	32,911	35,678
SPECIAL TRADE CONTRACTORS	97,800	91,337	91,283	100,290	107,720	115,630
MANUFACTURING	1,303,503	1,179,223	1,105,083	1,126,514	1,094,550	1,053,333
NONDURABLE GOODS	510,376	486,652	476,441	477,853	463,200	454,682
FOOD AND KINDRED PRODUCTS	94,666	92,436	90,660	90,295	90,336	90,315
TEXTILE MILL PRODUCTS	43,268	38,915	36,169	34,407	30,879	30,511
APPAREL AND OTHER TEXTILE PRODUCTS	123,571	114,870	113,414	113,723	101,206	93,607
PAPER AND ALLIED PRODUCTS	41,788	41,034	40,531	41,136	41,165	41,154
PRINTING AND PUBLISHING	74,391	72,883	73,099	74,264	76,712	80,073
CHEMICALS AND ALLIED PRODUCTS	60,519	58,809	58,042	58,734	60,007	58,475
PETROLEUM AND COAL PRODUCTS	16,731	16,089	14,839	12,551	12,396	10,598
TOBACCO MANUFACTURES	3,067	2,700	2,342	2,371	2,275	(D)
RUBBER AND MISC. PLASTICS PRODUCTS	35,832	33,561	33,011	37,084	36,720	37,445
LEATHER AND LEATHER PRODUCTS	16,543	15,355	14,334	13,288	11,504	(D)
DURABLE GOODS	793,127	692,571	628,642	648,661	631,350	598,651
LUMBER AND WOOD PRODUCTS	20,153	18,476	20,234	22,654	24,462	27,404
FURNITURE AND FIXTURES	18,831	18,630	18,929	20,338	20,517	20,592
PRIMARY METAL INDUSTRIES	183,947	143,780	120,741	118,784	104,168	90,250
FABRICATED METAL PRODUCTS	108,992	97,353	87,236	90,747	92,069	91,176
MACHINERY, EXCEPT ELECTRICAL	140,031	125,867	108,841	114,988	115,158	105,526
ELECTRIC AND ELECTRONIC EQUIPMENT	121,135	112,597	106,265	108,173	104,701	98,250
TRANSPORTATION EQUIP. EXCL. MOTOR VEHICLES	50,797	40,308	35,711	36,947	37,871	37,525
MOTOR VEHICLES AND EQUIPMENT	27,054	23,964	24,506	27,955	25,881	23,474
ORDNANCE 3/	0	0	0	0	0	0
STONE, CLAY, AND GLASS PRODUCTS	57,362	51,454	48,802	49,094	48,127	47,317
INSTRUMENTS AND RELATED PRODUCTS	41,336	38,449	36,276	37,370	37,412	35,603
MISCELLANEOUS MANUFACTURING INDUSTRIES	23,489	21,693	21,101	21,611	20,984	21,534
TRANSPORTATION AND PUBLIC UTILITIES	260,049	249,426	239,336	244,550	239,765	239,667
RAILROAD TRANSPORTATION	34,989	28,370	22,739	22,475	20,730	18,808
TRUCKING AND WAREHOUSING	70,872	66,305	63,974	67,182	67,475	67,605
WATER TRANSPORTATION	8,415	7,725	6,667	5,829	4,874	4,538
OTHER TRANSPORTATION	40,101	40,175	40,651	42,848	45,458	47,056
LOCAL AND INTERURBAN PASSENGER TRANSIT	19,480	19,735	19,792	20,402	21,507	22,231
TRANSPORTATION BY AIR	11,163	10,779	10,778	11,551	12,367	13,141
PIPELINES, EXCEPT NATURAL GAS	713	691	744	717	723	680
TRANSPORTATION SERVICES	8,745	8,970	9,337	10,178	10,861	11,004
COMMUNICATION	55,252	55,524	53,768	54,385	48,161	47,950
ELECTRIC, GAS, AND SANITARY SERVICES	50,420	51,327	51,537	51,831	53,067	53,710
WHOLESALE TRADE	248,449	241,646	242,855	252,296	256,361	262,126
RETAIL TRADE	760,931	755,480	771,591	803,462	832,268	853,887
BUILDING MATERIALS AND FARM EQUIPMENT	24,763	23,799	24,593	25,850	27,769	29,283
GENERAL MERCHANDISE STORES	122,345	121,883	120,579	126,259	130,660	129,011
FOOD STORES	128,761	129,696	135,222	140,053	146,474	149,880
AUTOMOTIVE DEALERS AND SERVICE STATIONS	82,021	78,723	79,549	83,882	87,065	90,970
APPAREL AND ACCESSORY STORES	48,058	46,184	46,011	46,901	47,912	49,261
FURNITURE AND HOME FURNISHINGS STORES	28,998	26,943	27,224	29,005	31,092	33,536
EATING AND DRINKING PLACES	222,399	224,817	232,703	244,616	251,516	258,297
MISCELLANEOUS RETAIL STORES	103,586	103,435	105,710	106,896	109,780	113,649
FINANCE, INSURANCE, AND REAL ESTATE	251,328	250,310	253,246	263,749	272,727	287,659
BANKING AND CREDIT AGENCIES	103,237	102,837	104,251	107,309	110,309	115,581
OTHER FINANCE, INSURANCE AND REAL ESTATE	148,091	147,473	148,995	156,440	162,418	172,078
SECURITY & COMMODITY BROKERS AND SERVICES	8,795	9,223	10,218	11,233	12,133	12,958
INSURANCE CARRIERS	74,140	74,394	74,232	77,757	79,578	83,842
INSURANCE AGENTS, BROKERS, AND SERVICES	21,636	20,557	21,312	21,857	23,118	24,541
REAL ESTATE	38,705	37,855	37,769	39,718	40,644	40,932
COMBINED REAL ESTATE, INSURANCE, ETC.	1,134	1,117	829	807	787	522
HOLDING AND OTHER INVESTMENT COMPANIES	3,681	4,327	4,635	5,068	6,158	9,283

SEE FOOTNOTES AT END OF TABLE.

FULL-TIME AND PART-TIME WAGE AND SALARY EMPLOYEES BY INDUSTRY
For States—Continued

ITEM	1981	1982	1983	1984	1985	1986
SERVICES	1,076,800	1,104,447	1,130,473	1,176,646	1,228,696	1,278,039
HOTELS AND OTHER LODGING PLACES	48,315	47,965	48,479	50,233	53,377	54,474
PERSONAL SERVICES	45,068	46,211	48,550	50,538	52,764	53,976
PRIVATE HOUSEHOLDS	52,553	52,878	52,376	51,855	50,343	49,144
BUSINESS AND REPAIR SERVICES	179,741	185,219	191,681	216,722	238,635	255,215
BUSINESS SERVICES	137,566	141,423	146,845	168,727	187,530	203,182
AUTO REPAIR, SERVICES, AND GARAGES	28,719	30,324	31,092	33,506	35,831	37,408
MISCELLANEOUS REPAIR SERVICES	13,456	13,472	13,744	14,489	15,274	14,625
AMUSEMENT & RECREATION INCL. MOTION PICTUTRE	42,405	45,322	44,984	45,291	45,371	45,298
AMUSEMENT AND RECREATION SERVICES	36,340	39,398	39,358	39,737	39,691	39,936
MOTION PICTURES	6,065	5,924	5,626	5,554	5,680	5,362
PROFESSIONAL, SOCIAL, AND RELATED SERVICES	708,718	726,852	744,403	762,007	788,206	819,932
HEALTH SERVICES	346,208	363,694	376,233	386,795	397,114	411,190
LEGAL SERVICES	27,206	29,025	30,821	32,586	34,897	37,520
EDUCATIONAL SERVICES	123,549	124,342	126,274	130,272	133,853	136,613
SOCIAL SERVICES 4/	68,434	64,639	67,335	69,819	74,980	82,727
MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS	1,772	1,753	1,805	1,784	1,752	1,863
MEMBERSHIP ORGANIZATIONS	90,362	91,108	89,591	88,364	88,057	89,513
MISCELLANEOUS SERVICES	51,187	52,291	52,344	52,387	57,553	60,506
GOVERNMENT AND GOVERNMENT ENTERPRISES	769,308	744,380	751,397	742,129	750,574	748,795
FEDERAL, CIVILIAN	133,700	133,545	133,747	135,127	138,673	139,003
MILITARY	86,278	73,891	83,397	72,238	74,050	73,686
STATE AND LOCAL	549,330	536,944	534,253	534,764	537,851	536,106

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ OTHER -- THE NUMBER OF JOBS HELD BY U.S. RESIDENTS WORKING FOR INTERNATIONAL ORGANIZATIONS IN THE U.S.
3/ UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION, ORDNANCE WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: FABRICATED METAL PRODUCTS, ELECTRIC AND ELECTRONIC EQUIPMENT, TRANSPORTATION EQUIPMENT, AND INSTRUMENTS AND RELATED PRODUCTS.
4/ THIS CATEGORY IS NEW UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1975 DO NOT EXIST.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; ESTIMATES ARE INCLUDED IN TOTALS.

TRANSFER PAYMENTS
For States

(THOUSANDS OF DOLLARS)

(26-000) MICHIGAN

ITEM	1981	1982	1983	1984	1985	1986
TRANSFER PAYMENTS	15,715,141	17,518,397	18,532,560	18,717,711	19,484,133	20,443,109
GOVERNMENT PAYMENTS TO INDIVIDUALS	14,873,513	16,652,843	17,596,145	17,675,285	18,296,324	19,211,447
RET. AND DISAB. INS. BENEFIT PAY.	7,093,038	7,973,087	8,523,666	9,017,264	9,475,046	9,977,979
OLD-AGE, SURV. & DISABILITY INSUR. PAY.	5,805,794	6,446,918	6,891,018	7,280,968	7,671,554	8,053,655
RAILROAD RETIREMENT & DISABILITY PAY.	118,416	128,445	133,499	137,533	140,380	142,556
FEDERAL CIVIL. EMPLOYEE RETIREMENT PAY.	265,911	292,701	312,904	328,786	352,032	366,644
MILITARY RETIREMENT PAYMENTS	154,435	168,113	177,654	165,178	188,556	189,981
STATE & LOCAL GOVT. EMPLOYEE RET. PAY.	624,584	696,624	782,058	893,646	958,222	1,048,086
WORKERS' COMP. PAY. (FEDERAL & STATE)	101,928	219,198	205,098	190,503	144,177	157,237
OTH. GOVT. DISAB. INSUR. & RET. PAY. 1/	21,970	21,088	21,435	20,650	20,125	19,820
MEDICAL PAYMENTS 2/	3,316,618	3,683,047	4,168,961	4,503,809	4,820,702	5,174,785
INCOME MAINTENANCE BENEFIT PAYMENTS	2,202,208	2,247,311	2,487,147	2,621,841	2,511,080	2,548,648
SUPPL. SECURITY INCOME (SSI) PAYMENTS	250,185	259,458	281,866	320,304	340,413	369,675
AID TO FAMILIES WITH DEP. CHILD.(AFDC)	1,115,674	1,106,931	1,205,123	1,233,766	1,185,159	1,192,237
FOOD STAMPS	429,243	482,268	584,988	574,482	535,738	495,541
OTHER INCOME MAINTENANCE 3/	407,106	398,654	415,170	493,289	449,770	491,195
UNEMPLOYMENT INSURANCE BENEFIT PAYMENTS	1,583,995	2,060,171	1,686,918	810,312	757,550	795,483
STATE UNEMPLOYMENT INSUR. COMPENSATION	1,240,652	2,025,479	1,650,498	789,103	737,296	773,218
UNEMP. COMP. FOR FED. CIV. EMPL. (UCFE)	7,472	6,321	5,526	4,373	5,203	4,849
UNEMP. COMPENSATION FOR RR EMPLOYEES	10,935	14,535	16,874	7,669	6,127	6,882
UNEMP. COMPENSATION FOR VETERANS (UCX)	17,804	4,904	9,813	7,052	8,130	8,577
OTHER UNEMPLOYMENT COMPENSATION 4/	307,132	8,932	4,207	2,115	794	1,957
VETERANS BENEFIT PAYMENTS	474,515	496,559	507,087	490,036	500,604	500,679
VETS PENSIONS & COMP. PAYMENTS	376,772	401,869	415,708	412,138	420,610	424,730
EDUC ASST TO VETS, DEPEND., & SURV. 5/	61,540	48,378	45,421	35,807	28,570	20,588
VETERANS LIFE INSURANCE BENEFIT PAY.	33,790	43,481	43,225	41,087	50,376	53,950
OTHER ASSISTANCE TO VETERANS 6/	2,413	2,831	2,733	1,004	1,048	1,411
FED EDUC & TRNG ASST PAY (EXCL VETS) 7/	200,063	189,119	218,946	229,061	227,575	209,351
OTHER PAYMENTS TO INDIVIDUALS 8/	3,076	3,549	3,420	2,962	3,767	4,522
PAYMENTS TO NONPROFIT INSTITUTIONS	462,351	454,992	491,913	504,445	572,087	581,924
FEDERAL GOVERNMENT PAYMENTS	133,525	103,999	114,682	123,874	118,099	136,310
STATE AND LOCAL GOVERNMENT PAYMENTS 9/	224,218	234,067	231,409	222,300	249,803	247,058
BUSINESS PAYMENTS	104,608	116,926	145,822	158,271	204,185	198,556
BUSINESS PAYMENTS TO INDIVIDUALS 10/	379,277	410,562	444,502	537,981	615,722	649,738

1/ INCLUDES TEMPORARY DISABILITY PAYMENTS, PANAMA CANAL CONSTRUCTION ANNUITY PAYMENTS, AND BLACK LUNG PAYMENTS.
2/ INCLUDES MEDICARE PAYMENTS, MEDICAL VENDOR PAYMENTS, AND CHAMPUS PAYMENTS.
3/ INCLUDES GENERAL ASSISTANCE, EMERGENCY ASSISTANCE, REFUGEE ASSISTANCE, FOSTER HOME CARE PAYMENTS, EARNED INCOME TAX CREDITS, AND ENERGY ASSISTANCE.
4/ INCLUDES TRADE READJUSTMENT ALLOWANCE PAYMENTS, REDWOOD PARK BENEFIT PAYMENTS, PUBLIC SERVICE EMPLOYMENT BENEFIT PAYMENTS, AND TRANSITIONAL BENEFIT PAYMENTS.
5/ INCLUDES VETERANS' READJUSTMENT BENEFIT PAYMENTS AND EDUCATIONAL ASSISTANCE TO SPOUSES AND CHILDREN OF DISABLED OR DECEASED VETERANS.
6/ INCLUDES PAYMENTS TO PARAPLEGICS, PAYMENTS FOR AUTOS AND CONVEYANCES FOR DISABLED VETERANS, VETERANS' AID, AND VETERANS' BONUSES.
7/ INCLUDES FEDERAL FELLOWSHIP PAYMENTS (NATIONAL SCIENCE FOUNDATION, FELLOWSHIPS AND TRAINEESHIPS, SUBSISTENCE PAYMENTS TO STATE MARITIME ACADEMY CADETS, AND OTHER FEDERAL FELLOWSHIPS), INTEREST SUBSIDY ON HIGHER EDUCATION LOANS, BASIC EDUCATIONAL OPPORTUNITY GRANTS, AND JOB CORPS PAYMENTS.
8/ INCLUDES BUREAU OF INDIAN AFFAIRS PAYMENTS, EDUCATION EXCHANGE PAYMENTS, ALASKA NATIVE CLAIMS SETTLEMENT ACT PAYMENTS, COMPENSATION OF SURVIVORS OF PUBLIC SAFETY OFFICERS, COMPENSATION OF VICTIMS OF CRIME, & OTHER SPECIAL PAYMENTS TO INDIVIDUALS.
9/ INCLUDES STATE AND LOCAL GOVERNMENT PAYMENTS FOR FOSTER HOME CARE SUPERVISED BY PRIVATE AGENCIES, STATE AND LOCAL GOVERNMENT EDUCATIONAL ASSISTANCE PAYMENTS TO NONPROFIT INSTITUTIONS, AND OTHER STATE AND LOCAL GOVT. PAYMENTS TO NONPROFIT INSTITUTIONS.
10/ INCLUDES CONSUMER BAD DEBTS, PERSONAL INJURY PAYMENTS TO INDIVIDUALS OTHER THAN EMPLOYEES, AND OTHER BUSINESS TRANSFER PAYMENTS.

FARM INCOME AND EXPENSES

For States

(31-000) NEBRASKA

(THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
CASH RECEIPTS FROM MARKETINGS	6,961,624	7,320,354	6,733,012	7,330,466	7,614,882	7,203,758
TOTAL LIVESTOCK AND PRODUCTS	4,135,058	4,630,740	4,499,419	4,812,058	4,387,675	4,534,960
MEAT ANIMALS AND OTHER LIVESTOCK	3,911,039	4,419,438	4,276,769	4,613,293	4,185,954	4,327,032
CATTLE AND CALVES	3,229,022	3,635,688	3,559,459	3,909,467	3,561,257	3,552,959
HOGS AND PIGS	660,717	763,241	693,680	680,086	601,985	747,120
SHEEP AND OTHER LIVESTOCK	21,300	20,509	23,630	23,740	22,712	26,953
DAIRY PRODUCTS	183,580	174,230	184,205	159,300	164,465	160,515
POULTRY AND POULTRY PRODUCTS	40,439	37,072	38,445	39,465	37,256	47,413
TOTAL CROPS	2,826,566	2,689,614	2,233,593	2,518,408	3,227,207	2,668,798
TOTAL GRAINS	2,653,284	2,539,069	2,088,001	2,351,579	3,088,629	2,531,455
CORN	1,430,217	1,299,816	1,144,037	1,327,589	1,958,144	1,624,687
OATS	14,219	14,670	11,984	12,412	13,086	10,155
SORGHUM	274,709	277,725	195,435	210,573	295,276	242,242
WHEAT	380,230	388,915	322,959	298,429	274,306	185,249
SOYBEANS	424,422	505,764	362,926	457,181	473,157	385,890
OTHER GRAINS	129,487	52,179	50,660	45,395	74,660	83,232
HAY, SILAGE, ETC	80,165	72,774	61,374	71,936	46,085	37,021
VEGETABLES	2,225	2,000	4,500	7,892	8,331	8,222
FRUITS, NUTS AND BERRIES	454	2,800	990	1,600	2,275	1,943
GREENHOUSE, NURSERY AND MUSHROOM PRODUCTS	11,331	11,476	11,336	11,350	12,220	12,220
FOREST AND MAPLE PRODUCTS	N/A	N/A	N/A	N/A	N/A	N/A
TOBACCO	0	0	0	0	0	0
COTTON	0	0	0	0	0	0
OTHER CROPS	79,107	61,495	67,392	74,051	69,667	77,937
OTHER INCOME	463,603	984,183	1,463,405	1,050,749	1,032,627	1,404,883
GOVERNMENT PAYMENTS	101,019	277,478	786,754	532,981	518,369	867,763
IMPUTED INCOME AND RENT RECEIVED 1/	362,584	706,705	676,651	517,768	514,258	537,120
PRODUCTION EXPENSES	6,849,073	7,161,231	7,254,675	7,366,683	6,965,681	6,451,179
FEED PURCHASED	843,003	845,448	995,155	909,707	822,239	744,826
LIVESTOCK PURCHASED	1,688,313	1,667,336	1,643,085	1,638,528	1,675,912	1,825,740
SEED PURCHASED	159,316	151,996	143,422	165,256	160,538	143,000
FERTILIZER AND LIME (INCL. AG. CHEM. 78-FWD.)	531,237	470,563	416,640	452,968	483,194	409,209
PETROLEUM PRODUCTS PURCHASED	416,672	386,465	367,586	349,962	322,589	234,687
HIRED FARM LABOR EXPENSES 2/	248,960	268,413	256,305	266,230	268,665	254,108
ALL OTHER PRODUCTION EXPENSES 3/	2,961,572	3,371,010	3,432,482	3,584,032	3,232,544	2,839,609
VALUE OF INVENTORY CHANGE	673,858	-175,182	-544,214	205,204	-137,006	-293,929
LIVESTOCK	184,725	-46,212	-102,198	-346,501	-105,902	-119,736
CROPS	489,133	-128,970	-442,016	551,705	-31,104	-174,193
DERIVATION OF FARM LABOR AND PROPRIETORS' INCOME						
TOTAL CASH RECEIPTS AND OTHER INCOME	7,425,227	8,304,537	8,196,417	8,381,215	8,647,509	8,608,641
LESS: TOTAL PRODUCTION EXPENSES	6,849,073	7,161,231	7,254,675	7,366,683	6,965,681	6,451,179
REALIZED NET INCOME	576,154	1,143,306	941,742	1,014,532	1,681,828	2,157,462
PLUS: VALUE OF INVENTORY CHANGE	673,858	-175,182	-544,214	205,204	-137,006	-293,929
TOTAL NET INCOME INCL. CORPORATE FARMS	1,250,012	968,124	397,528	1,219,736	1,544,822	1,863,533
LESS: CORPORATE FARMS	159,066	60,454	-43,168	98,713	54,929	140,843
PLUS: STATISTICAL ADJUSTMENT	-10	-24	22	-4	-23	-5
TOTAL NET FARM PROPRIETORS' INCOME	1,090,936	907,646	440,718	1,121,019	1,489,870	1,722,685
PLUS: FARM WAGES AND PERQUISITES	185,504	201,631	195,521	193,159	195,481	196,877
PLUS: FARM OTHER LABOR INCOME	4,364	4,081	3,816	4,095	4,306	3,851
TOTAL FARM LABOR AND PROPRIETORS' INCOME	1,280,804	1,113,358	640,055	1,318,273	1,689,657	1,923,413

1/ INCLUDES IMPUTED INCOME SUCH AS GROSS RENTAL VALUE OF DWELLINGS AND VALUE OF HOME CONSUMPTION AND OTHER FARM RELATED INCOME COMPONENTS SUCH AS MACHINE HIRE AND CUSTOM WORK INCOME, RENTAL INCOME AND INCOME FROM FOREST PRODUCTS (1978 TO PRESENT).
2/ INCLUDES HIRED WORKERS' CASH WAGES, SOCIAL SECURITY, PERQUISITES, AND CONTRACT LABOR, MACHINE HIRE AND CUSTOM WORK EXPENSES.
3/ INCLUDES REPAIR & OPERATION OF MACHINERY; DEPRECIATION, INTEREST, RENT & TAXES; & OTHER MISC. EXPENSES INCL. AG. CHEM. (69-77).
N/A DATA NOT AVAILABLE FOR THIS YEAR.

PERSONAL TAX AND NON-TAX PAYMENTS

For States

(29-000) MISSOURI

(THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
TOTAL PERSONAL INCOME	50,885,892	53,412,764	56,621,109	61,996,565	66,069,493	69,856,275
LESS: PERSONAL TAX AND NONTAX PAYMENTS	7,606,334	8,457,184	8,065,496	8,692,116	9,051,749	9,401,726
EQUALS: DISPOSABLE PERSONAL INCOME	43,279,558	44,955,580	48,555,613	53,304,449	57,017,744	60,454,549
POPULATION (THOUSANDS) 1/	4,939	4,943	4,965	5,005	5,035	5,066
PER CAPITA PERSONAL INCOME (DOLLARS)	10,303	10,805	11,404	12,386	13,121	13,789
PER CAPITA DISPOSABLE PERSONAL INCOME (DOLLARS)	8,763	9,094	9,779	10,649	11,324	11,933
PERSONAL TAX AND NONTAX PAYMENTS	7,606,334	8,457,184	8,065,496	8,692,116	9,051,749	9,401,726
PERSONAL TAX AND NONTAX PAYMENTS TO FEDERAL GOVERNMENT (NET OF REFUNDS)	5,880,794	6,508,870	6,009,733	6,365,544	6,529,952	6,705,778
INDIVIDUAL INCOME TAXES (NET OF REFUNDS)	5,703,255	6,284,349	5,811,433	6,171,275	6,325,296	6,472,173
INDIVIDUAL INCOME TAXES (GROSS)	6,627,010	7,342,547	7,015,860	7,436,539	7,644,824	7,911,376
LESS: REFUNDS	923,755	1,058,198	1,204,427	1,265,264	1,319,528	1,439,203
FIDUCIARY INCOME TAX	63,190	68,068	59,627	51,203	57,095	60,065
ESTATE AND GIFT TAX	108,765	149,811	128,428	132,655	133,546	158,666
NONTAX PAYMENTS	5,584	6,642	10,245	10,411	14,015	14,874
PERSONAL TAX AND NONTAX PAYMENTS TO STATE GOVERNMENTS	1,065,259	1,212,969	1,313,241	1,502,972	1,650,862	1,752,502
INDIVIDUAL INCOME TAXES	709,818	806,967	873,301	1,010,031	1,105,487	1,152,523
DEATH AND GIFT TAXES	29,462	38,331	26,104	24,798	21,758	31,546
MOTOR VEHICLE TAXES	82,974	89,383	98,028	117,734	139,649	147,352
OTHER TAXES 2/	11,222	11,719	11,733	13,190	13,610	14,406
NONTAX PAYMENTS	231,783	266,569	304,075	337,219	370,358	406,675
PERSONAL TAX AND NONTAX PAYMENTS TO LOCAL GOVERNMENTS	619,366	697,066	697,078	775,973	828,664	898,284
INDIVIDUAL INCOME TAXES	114,307	120,354	122,660	129,681	138,989	156,712
MOTOR VEHICLE LICENSE TAXES	2,823	2,877	2,612	2,588	2,475	2,663
OTHER TAXES 3/	13,378	14,213	15,543	15,426	14,043	15,362
NONTAX PAYMENTS	488,858	559,622	556,263	628,278	673,157	723,547
STATE AND LOCAL PERSONAL PROPERTY TAXES	40,915	38,279	45,444	47,627	42,271	45,162

1/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS, (EXCLUDING U.S. GOVERNMENT EMPLOYEES STATIONED OUTSIDE THE U.S.; INCLUDING ESTIMATES OF ILLEGAL ALIENS FOR 1980 FORWARD).
2/ INCLUDES HUNTING AND FISHING TAXES AND OTHER LICENSE TAXES.
3/ INCLUDES LOCAL DEATH AND GIFT TAXES AND OTHER LOCAL TAXES.

DISPOSABLE PERSONAL INCOME
For States and Regions

STATE AND REGION	1979	1980	1981	1982	1983	1984	1985	1986	1987 P
UNITED STATES	1,724,566	1,914,331	2,121,830	2,255,123	2,424,880	2,662,051	2,835,626	3,017,588	3,170,278
NEW ENGLAND	98,532	110,522	122,325	132,071	143,807	160,274	171,258	185,550	198,484
CONNECTICUT	28,175	31,736	35,274	37,771	41,375	46,002	48,721	52,739	56,228
MAINE	7,298	8,139	8,883	9,366	10,175	11,294	12,047	13,094	14,100
MASSACHUSETTS	45,889	51,259	56,486	61,590	66,632	74,449	79,782	86,397	92,646
NEW HAMPSHIRE	6,893	7,877	8,871	9,633	10,722	12,221	13,439	14,703	15,824
RHODE ISLAND	6,861	7,712	8,560	9,145	10,061	11,008	11,606	12,442	13,150
VERMONT	3,416	3,798	4,251	4,566	4,842	5,300	5,663	6,174	6,536
MIDEAST	342,611	379,656	416,828	444,958	481,873	526,033	559,539	599,360	632,983
DELAWARE	4,458	4,914	5,385	5,836	6,375	6,920	7,452	8,048	8,465
DISTRICT OF COLUMBIA	6,201	6,561	7,094	7,424	7,838	8,574	9,231	9,861	10,317
MARYLAND	33,639	37,793	41,619	44,716	49,001	54,276	58,942	63,217	66,949
NEW JERSEY	64,395	72,450	81,313	88,004	96,464	105,953	113,780	123,041	130,622
NEW YORK	142,700	157,497	171,818	182,964	199,888	219,711	231,534	248,953	262,844
PENNSYLVANIA	91,217	100,441	109,599	116,014	122,309	130,600	138,600	146,239	153,786
GREAT LAKES	329,468	356,347	384,583	399,749	422,335	463,757	489,850	518,328	541,827
ILLINOIS	97,250	104,703	115,538	121,127	127,327	139,042	146,381	154,663	162,140
INDIANA	40,324	43,247	46,633	47,945	50,372	56,201	58,770	62,287	65,465
MICHIGAN	74,159	79,804	84,323	86,010	91,452	100,991	108,242	115,196	119,698
OHIO	81,954	89,398	96,270	100,339	105,988	116,194	122,125	128,408	133,687
WISCONSIN	35,782	39,195	41,819	44,328	47,196	51,329	54,331	57,776	60,837
PLAINS	129,644	139,013	155,605	161,926	170,588	189,248	199,893	212,303	221,843
IOWA	22,443	23,364	26,511	26,587	27,021	30,083	31,256	33,002	34,549
KANSAS	18,502	19,882	22,289	23,720	24,896	27,139	28,633	30,236	31,148
MINNESOTA	31,048	34,356	37,641	39,667	41,718	47,079	49,809	53,650	56,560
MISSOURI	36,046	39,160	43,375	45,266	49,025	53,832	57,502	61,081	63,862
NEBRASKA	11,795	12,385	14,451	14,726	15,457	17,291	18,324	19,219	19,939
NORTH DAKOTA	4,795	4,804	5,633	6,140	6,419	7,103	7,265	7,517	7,755
SOUTH DAKOTA	5,014	5,061	5,705	5,820	6,052	6,721	7,104	7,597	8,032
SOUTHEAST	342,337	384,259	430,417	458,087	496,484	546,950	583,589	623,445	657,467
ALABAMA	23,418	25,653	28,229	29,767	31,738	34,844	36,796	38,984	40,534
ARKANSAS	13,771	14,837	16,588	17,018	18,412	20,127	21,651	22,892	23,508
FLORIDA	71,308	82,499	94,418	100,350	112,902	124,279	135,177	146,501	156,143
GEORGIA	34,704	38,892	43,723	47,181	51,521	58,010	63,146	68,807	73,088
KENTUCKY	23,211	25,479	28,195	29,521	30,690	33,684	34,796	36,544	38,263
LOUISIANA	27,167	31,301	35,630	38,316	40,264	42,610	44,005	43,875	43,842
MISSISSIPPI	13,942	15,042	16,527	17,683	18,488	20,012	21,013	22,061	23,061
NORTH CAROLINA	36,154	40,222	44,905	47,975	52,333	58,693	62,015	66,840	71,112
SOUTH CAROLINA	18,204	20,393	22,684	24,016	26,043	28,995	30,760	32,747	34,702
TENNESSEE	29,253	32,175	35,492	37,373	39,824	44,235	46,933	50,392	53,766
VIRGINIA	39,167	44,538	49,720	53,743	58,857	65,146	70,271	76,128	81,315
WEST VIRGINIA	12,038	13,228	14,307	15,144	15,414	16,316	17,026	17,673	18,132
SOUTHWEST	153,028	174,234	199,513	218,577	234,155	255,256	273,500	281,255	287,206
ARIZONA	18,952	21,729	24,262	25,511	28,364	32,179	35,573	39,004	41,200
NEW MEXICO	8,346	9,353	10,375	11,132	12,066	12,783	14,099	14,650	14,923
OKLAHOMA	21,207	24,163	27,546	30,143	31,406	32,967	32,726	33,129	32,986
TEXAS	104,523	118,989	137,331	151,792	162,319	177,326	191,101	194,472	198,097
ROCKY MOUNTAIN	47,478	53,754	60,430	64,517	69,554	75,101	78,840	81,957	84,559
COLORADO	22,716	26,024	29,695	32,448	35,575	38,762	40,625	42,432	44,304
IDAHO	6,349	7,068	7,691	7,840	8,652	9,154	9,603	9,882	10,340
MONTANA	5,526	6,068	6,777	7,048	7,238	7,705	8,004	8,500	8,653
UTAH	9,055	10,123	11,262	12,022	13,058	14,218	15,105	15,768	16,148
WYOMING	3,832	4,471	5,004	5,158	5,030	5,263	5,504	5,375	5,115
FAR WEST	269,620	303,087	337,456	358,599	387,653	425,758	458,222	493,664	523,590
CALIFORNIA	209,087	235,003	262,962	280,812	303,927	335,105	362,246	390,732	416,031
NEVADA	6,789	7,868	8,888	9,344	10,135	10,804	11,645	12,611	13,534
OREGON	19,829	21,934	23,516	23,806	25,634	27,926	29,177	31,012	32,209
WASHINGTON	33,914	38,282	42,091	44,637	47,957	51,923	55,154	59,309	61,817
ALASKA	4,139	4,683	5,255	6,425	7,331	7,788	8,361	8,283	8,040
HAWAII	7,711	8,776	9,418	10,213	11,100	11,886	12,574	13,444	14,277
CENSUS REGIONS									
NEW ENGLAND	98,532	110,522	122,325	132,071	143,807	160,274	171,258	185,550	198,484
MIDDLE ATLANTIC	298,312	330,388	362,731	386,982	418,660	456,264	483,914	518,233	547,252
EAST NORTH CENTRAL	329,468	356,347	384,583	399,749	422,335	463,757	489,850	518,328	541,827
WEST NORTH CENTRAL	129,644	139,013	155,605	161,926	170,588	189,248	199,893	212,303	221,843
SOUTH ATLANTIC	255,873	289,040	323,854	346,385	380,281	421,208	454,020	489,823	520,224
EAST SOUTH CENTRAL	89,825	98,349	108,442	114,343	120,739	132,774	139,538	147,982	155,625
WEST SOUTH CENTRAL	166,667	189,290	217,095	237,268	252,401	273,030	289,484	294,367	298,433
MOUNTAIN	81,566	92,704	103,954	110,504	120,118	130,868	140,157	148,222	154,217
PACIFIC	274,681	308,679	343,242	365,894	395,950	434,628	467,512	502,780	532,374

P PRELIMINARY.
DETAIL WILL NOT ADD TO TOTALS DUE TO ROUNDING.

PER CAPITA DISPOSABLE PERSONAL INCOME
For States and Regions

STATE AND REGION	1979	1980	1981	1982	1983	1984	1985	1986	1987 P
UNITED STATES	7,680	8,424	9,240	9,721	10,350	11,257	11,878	12,516	13,025
NEW ENGLAND	7,981	8,936	9,851	10,621	11,511	12,743	13,524	14,562	15,453
CONNECTICUT	9,089	10,198	11,293	12,073	13,166	14,573	15,343	16,516	17,510
MAINE	6,488	7,218	7,829	8,220	8,870	9,759	10,342	11,172	11,883
MASSACHUSETTS	7,986	8,926	9,816	10,719	11,560	12,847	13,702	14,809	15,822
NEW HAMPSHIRE	7,559	8,523	9,466	10,160	11,183	12,495	13,460	14,311	14,970
RHODE ISLAND	7,172	8,130	8,989	9,596	10,536	11,466	12,005	12,765	13,337
VERMONT	6,755	7,410	8,241	8,777	9,213	10,000	10,585	11,412	11,923
MIDEAST	8,088	8,981	9,847	10,497	11,321	12,313	13,064	13,928	14,641
DELAWARE	7,445	8,259	9,026	9,729	10,511	11,267	11,971	12,709	13,146
DISTRICT OF COLUMBIA	9,459	10,290	11,208	11,846	12,551	13,745	14,814	15,770	16,591
MARYLAND	7,965	8,942	9,780	10,467	11,399	12,485	13,422	14,170	14,763
NEW JERSEY	8,734	9,822	10,979	11,844	12,916	14,094	15,034	16,137	17,025
NEW YORK	8,092	8,966	9,785	10,410	11,312	12,394	13,035	13,990	14,746
PENNSYLVANIA	7,682	8,460	9,226	9,763	10,282	10,982	11,682	12,296	12,884
GREAT LAKES	7,918	8,544	9,220	9,608	10,174	11,153	11,763	12,423	12,930
ILLINOIS	8,514	9,151	10,069	10,551	11,078	12,064	12,687	13,390	13,999
INDIANA	7,365	7,874	8,496	8,743	9,201	10,234	10,686	11,320	11,835
MICHIGAN	8,018	8,622	9,155	9,433	10,101	11,147	11,915	12,605	13,011
OHIO	7,589	8,275	8,913	9,310	9,868	10,817	11,366	11,948	12,397
WISCONSIN	7,669	8,315	8,830	9,338	9,939	10,776	11,378	12,080	12,657
PLAINS	7,583	8,076	8,997	9,333	9,793	10,809	11,390	12,084	12,580
IOWA	7,694	8,012	9,084	9,144	9,303	10,360	10,851	11,581	12,190
KANSAS	7,882	8,388	9,329	9,844	10,253	11,117	11,693	12,294	12,580
MINNESOTA	7,689	8,410	9,153	9,597	10,065	11,309	11,887	12,734	13,321
MISSOURI	7,372	7,954	8,782	9,157	9,875	10,757	11,423	12,063	12,515
NEBRASKA	7,540	7,873	9,129	9,262	9,682	10,774	11,421	12,030	12,505
NORTH DAKOTA	7,353	7,339	8,520	9,137	9,422	10,345	10,610	11,078	11,540
SOUTH DAKOTA	7,277	7,322	8,247	8,379	8,659	9,531	10,032	10,738	11,325
SOUTHEAST	6,586	7,265	8,015	8,423	9,016	9,803	10,320	10,883	11,331
ALABAMA	6,052	6,574	7,187	7,548	8,009	8,731	9,153	9,626	9,927
ARKANSAS	6,069	6,479	7,211	7,375	7,917	8,578	9,178	9,657	9,843
FLORIDA	7,529	8,384	9,262	9,580	10,494	11,244	11,886	12,528	12,987
GEORGIA	6,437	7,088	7,850	8,345	8,983	9,927	10,571	11,280	11,747
KENTUCKY	6,370	6,952	7,671	7,989	8,261	9,047	9,334	9,808	10,266
LOUISIANA	6,563	7,406	8,286	8,741	9,066	9,550	9,812	9,752	9,829
MISSISSIPPI	5,559	5,953	6,495	6,889	7,157	7,701	8,041	8,406	8,787
NORTH CAROLINA	6,232	6,819	7,536	7,970	8,607	9,514	9,906	10,557	11,088
SOUTH CAROLINA	5,897	6,505	7,120	7,458	8,005	8,797	9,227	9,685	10,133
TENNESSEE	6,453	6,991	7,651	8,009	8,491	9,356	9,847	10,498	11,074
VIRGINIA	7,356	8,296	9,137	9,792	10,589	11,561	12,326	13,138	13,774
WEST VIRGINIA	6,208	6,773	7,296	7,719	7,851	8,360	8,794	9,219	9,557
SOUTHWEST	7,365	8,131	9,062	9,564	9,966	10,690	11,247	11,363	11,513
ARIZONA	7,183	7,943	8,639	8,844	9,589	10,560	11,253	11,895	12,169
NEW MEXICO	6,518	7,138	7,769	8,133	8,606	8,960	9,721	9,908	9,949
OKLAHOMA	7,140	7,939	8,871	9,351	9,469	9,928	9,868	10,021	10,081
TEXAS	7,526	8,298	9,299	9,871	10,261	11,025	11,660	11,653	11,800
ROCKY MOUNTAIN	7,374	8,152	8,948	9,318	9,846	10,507	10,926	11,294	11,625
COLORADO	7,973	8,944	9,952	10,564	11,300	12,155	12,564	12,991	13,441
IDAHO	6,808	7,451	7,974	8,017	8,755	9,159	9,568	9,863	10,359
MONTANA	7,002	7,692	8,516	8,755	8,873	9,358	9,699	10,401	10,692
UTAH	6,394	6,874	7,431	7,714	8,184	8,760	9,187	9,474	9,611
WYOMING	8,480	9,420	10,133	10,105	9,742	10,263	10,803	10,595	10,432
FAR WEST	8,808	9,651	10,539	10,996	11,687	12,625	13,323	14,051	14,571
CALIFORNIA	8,991	9,875	10,836	11,330	12,009	12,998	13,743	14,471	15,039
NEVADA	8,873	9,714	10,519	10,659	11,325	11,799	12,387	13,036	13,436
OREGON	7,691	8,304	8,803	8,912	9,628	10,422	10,851	11,475	11,825
WASHINGTON	8,452	9,213	9,934	10,433	11,143	11,938	12,517	13,290	13,621
ALASKA	10,371	11,572	12,648	14,413	15,179	15,414	16,014	15,564	15,307
HAWAII	8,116	9,065	9,608	10,238	10,898	11,475	11,962	12,626	13,189
CENSUS REGIONS									
NEW ENGLAND	7,981	8,936	9,851	10,621	11,511	12,743	13,524	14,562	15,453
MIDDLE ATLANTIC	8,089	8,974	9,845	10,491	11,305	12,286	13,010	13,889	14,619
EAST NORTH CENTRAL	7,918	8,544	9,220	9,608	10,174	11,153	11,763	12,423	12,930
WEST NORTH CENTRAL	7,583	8,076	8,997	9,333	9,793	10,809	11,390	12,084	12,580
SOUTH ATLANTIC	7,012	7,782	8,568	9,040	9,781	10,654	11,290	11,965	12,480
EAST SOUTH CENTRAL	6,172	6,692	7,334	7,688	8,076	8,828	9,224	9,735	10,178
WEST SOUTH CENTRAL	7,164	7,920	8,870	9,381	9,744	10,416	10,904	10,958	11,090
MOUNTAIN	7,333	8,096	8,853	9,168	9,751	10,438	10,978	11,418	11,712
PACIFIC	8,805	9,656	10,538	11,028	11,723	12,653	13,347	14,059	14,572

P PRELIMINARY.

2/ COMPUTED USING REVISED BUREAU OF THE CENSUS STATE POPULATION ESTIMATES.

PERSONAL INCOME
For Counties and Metropolitan Areas

(MILLIONS OF DOLLARS)

	1981	1982	1983	1984	1985	1986
DELAWARE	6,732.9	7,198.1	7,713.9	8,390.6	9,053.2	9,788.1
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	66,961.7	71,770.9	76,468.7	82,355.8	88,902.7	94,918.9
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	6,278.7	6,668.9	7,151.9	7,759.9	8,393.3	9,017.1
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	5,029.1	5,337.7	5,685.4	6,160.8	6,661.7	7,178.2
DELAWARE (NON-METROPOLITAN PORTION)	1,703.8	1,860.4	2,028.6	2,229.8	2,391.5	2,609.9
KENT	836.0	900.2	963.7	1,047.2	1,121.2	1,209.7
NEW CASTLE	5,029.1	5,337.7	5,685.4	6,160.8	6,661.7	7,178.2
SUSSEX	867.8	960.2	1,064.9	1,182.6	1,270.3	1,400.3

PER CAPITA PERSONAL INCOME
For Counties and Metropolitan Areas

(DOLLARS)

	1981	1982	1983	1984	1985	1986
DELAWARE	11,286	12,003	12,722	13,666	14,553	15,469
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	11,747	12,557	13,341	14,302	15,364	16,274
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	11,952	12,596	13,391	14,415	15,445	16,373
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	12,591	13,298	14,042	15,100	16,154	17,180
DELAWARE (NON-METROPOLITAN PORTION)	8,643	9,381	10,069	10,824	11,404	12,144
KENT	8,505	9,102	9,614	10,294	10,881	11,500
NEW CASTLE	12,591	13,298	14,042	15,100	16,154	17,180
SUSSEX	8,780	9,658	10,519	11,341	11,910	12,761

2/ PER CAPITA PERSONAL INCOME WAS COMPUTED USING BUREAU OF THE CENSUS COUNTY POPULATION ESTIMATES AVAILABLE AS OF MARCH 1988.

PER CAPITA PERSONAL INCOME (PERCENT OF NATIONAL AVERAGE)
For Counties and Metropolitan Areas

(PER CENT OF NATIONAL AVERAGE)

	1981	1982	1983	1984	1985	1986
DELAWARE	103	105	105	104	105	106
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	107	109	110	109	110	111
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	109	110	111	110	111	112
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	115	116	116	115	116	117
DELAWARE (NON-METROPOLITAN PORTION)	79	82	83	83	82	83
KENT	78	79	79	78	78	79
NEW CASTLE	115	116	116	115	116	117
SUSSEX	80	84	87	86	86	87

TOTAL POPULATION
For Counties and Metropolitan Areas

(THOUSANDS)

	1981	1982	1983	1984	1985	1986
DELAWARE	596.6	599.7	606.4	614.0	622.1	632.8
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	5,700.1	5,715.7	5,731.7	5,758.3	5,786.5	5,832.6
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	525.3	529.4	534.1	538.3	543.4	550.7
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	399.4	401.4	404.9	408.0	412.4	417.8
DELAWARE (NON-METROPOLITAN PORTION)	197.1	198.3	201.5	206.0	209.7	214.9
KENT	98.3	98.9	100.2	101.7	103.0	105.2
NEW CASTLE	399.4	401.4	404.9	408.0	412.4	417.8
SUSSEX	98.8	99.4	101.2	104.3	106.7	109.7

1/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS. ESTIMATES FOR 1980-86 REFLECT REVISIONS AVAILABLE AS OF MARCH 1988.

PER CAPITA PERSONAL INCOME RANKINGS
For Counties

100 HIGHEST AND LOWEST PER CAPITA INCOMES OF THE 178 COUNTIES IN THE MIDEAST REGION, 1986

RANK	COUNTY	100 HIGHEST PER CAPITA INCOMES		RANK	COUNTY	100 LOWEST PER CAPITA INCOMES	
		DOLLARS	PERCENT OF NATIONAL AVERAGE			DOLLARS	PERCENT OF NATIONAL AVERAGE
1	*NEW YORK, NEW YORK	28,505	194.7	178	HUNTINGDON, PENNSYLVANIA	9,672	66.1
2	*SOMERSET, NEW JERSEY	25,196	172.1	177	FULTON, PENNSYLVANIA	9,685	66.2
3	*WESTCHESTER, NEW YORK	25,167	171.9	176	ALLEGANY, NEW YORK	9,718	66.4
4	*BERGEN, NEW JERSEY	24,136	164.9	175	POTTER, PENNSYLVANIA	9,858	67.3
5	*MONTGOMERY, MARYLAND	24,003	164.0	174	TIOGA, PENNSYLVANIA	9,928	67.8
6	*MORRIS, NEW JERSEY	23,769	162.4	173	LEWIS, NEW YORK	9,969	68.1
7	*NASSAU, NEW YORK	23,133	158.0	172	ST. LAWRENCE, NEW YORK	10,015	68.4
8	*HUNTERDON, NEW JERSEY	23,101	157.8	171	BEDFORD, PENNSYLVANIA	10,118	69.1
9	*HOWARD, MARYLAND	22,133	151.2	170	GARRETT, MARYLAND	10,148	69.3
10	*MONTGOMERY, PENNSYLVANIA	21,174	144.6	169	SULLIVAN, PENNSYLVANIA	10,228	69.9
11	*UNION, NEW JERSEY	20,551	140.4	168	CLINTON, PENNSYLVANIA	10,230	69.9
12	*MONMOUTH, NEW JERSEY	20,175	137.8	167	MIFFLIN, PENNSYLVANIA	10,321	70.5
13	*ROCKLAND, NEW YORK	19,949	136.3	166	FOREST, PENNSYLVANIA	10,341	70.6
14	*MIDDLESEX, NEW JERSEY	19,476	133.0	165	CAMERON, PENNSYLVANIA	10,377	70.9
15	*MERCER, NEW JERSEY	19,309	131.9	164	*FAYETTE, PENNSYLVANIA	10,414	71.1
16	*PUTNAM, NEW YORK	19,250	131.5	163	FRANKLIN, NEW YORK	10,422	71.2
17	TALBOT, MARYLAND	19,240	131.4	162	GREENE, PENNSYLVANIA	10,495	71.7
18	*ATLANTIC, NEW JERSEY	19,229	131.4	161	*WASHINGTON, NEW YORK	10,547	72.0
19	*DISTRICT OF COLUMBIA	19,049	130.1	160	DELAWARE, NEW YORK	10,587	72.3
20	*CHESTER, PENNSYLVANIA	18,424	125.9	159	CATTARAUGUS, NEW YORK	10,640	72.7
21	*BALTIMORE, MARYLAND	18,005	123.0	158	SCHUYLER, NEW YORK	10,751	73.4
22	*SUSSEX, NEW JERSEY	17,907	122.3	157	CORTLAND, NEW YORK	10,799	73.8
23	*SUFFOLK, NEW YORK	17,873	122.1	156	*SOMERSET, PENNSYLVANIA	10,802	73.8
24	*DELAWARE, PENNSYLVANIA	17,701	120.9	155	SOMERSET, MARYLAND	10,896	74.4
25	*RICHMOND, NEW YORK	17,622	120.4	154	INDIANA, PENNSYLVANIA	10,969	74.9
25	*ANNE ARUNDEL, MARYLAND	17,622	120.4	153	SUSQUEHANNA, PENNSYLVANIA	10,992	75.1
27	*ESSEX, NEW JERSEY	17,372	118.7	152	BRADFORD, PENNSYLVANIA	10,997	75.1
28	*MONROE, NEW YORK	17,330	118.4	152	NORTHUMBERLAND, PENNSYLVANIA	10,997	75.1
29	*NEW CASTLE, DELAWARE	17,180	117.4	150	WYOMING, NEW YORK	11,018	75.3
30	*DUTCHESS, NEW YORK	17,104	116.8	149	*CAMBRIA, PENNSYLVANIA	11,052	75.5
31	*CAPE MAY, NEW JERSEY	17,073	116.6	148	YATES, NEW YORK	11,059	75.5
32	*BURLINGTON, NEW JERSEY	17,021	116.3	147	SCHOHARIE, NEW YORK	11,064	75.6
33	*WARREN, NEW JERSEY	16,958	115.8	146	CRAWFORD, PENNSYLVANIA	11,066	75.6
34	*ALBANY, NEW YORK	16,776	114.6	145	CLARION, PENNSYLVANIA	11,105	75.9
35	*PASSAIC, NEW JERSEY	16,762	114.5	144	CLINTON, NEW YORK	11,115	75.9
36	*OCEAN, NEW JERSEY	16,755	114.5	143	LAWRENCE, PENNSYLVANIA	11,119	76.0
37	*BUCKS, PENNSYLVANIA	16,510	112.8	142	CLEARFIELD, PENNSYLVANIA	11,120	76.0
38	*QUEENS, NEW YORK	16,489	112.6	141	*HERKIMER, NEW YORK	11,290	77.1
39	*CARROLL, MARYLAND	16,426	112.2	140	*COLUMBIA, PENNSYLVANIA	11,386	77.8
40	*HARFORD, MARYLAND	16,123	110.1	139	*BLAIR, PENNSYLVANIA	11,429	78.1
41	*SCHENECTADY, NEW YORK	15,921	108.8	138	*BEAVER, PENNSYLVANIA	11,443	78.2
42	*ALLEGHENY, PENNSYLVANIA	15,848	108.3	137	CAYUGA, NEW YORK	11,465	78.3
43	*BERKS, PENNSYLVANIA	15,689	107.2	136	JUNIATA, PENNSYLVANIA	11,467	78.3
44	*LEHIGH, PENNSYLVANIA	15,685	107.1	135	KENT, DELAWARE	11,500	78.6
45	*CAMDEN, NEW JERSEY	15,606	106.6	134	JEFFERSON, PENNSYLVANIA	11,534	78.8
46	*QUEEN ANNES, MARYLAND	15,539	106.1	133	UNION, PENNSYLVANIA	11,605	79.3
47	*PRINCE GEORGES, MARYLAND	15,530	106.1	132	*PERRY, PENNSYLVANIA	11,623	79.4
48	*ORANGE, NEW YORK	15,186	103.7	131	*MERCER, PENNSYLVANIA	11,680	79.8
49	*YORK, PENNSYLVANIA	15,156	103.5	130	ESSEX, NEW YORK	11,720	80.1
50	*CALVERT, MARYLAND	15,142	103.4	129	TOMPKINS, NEW YORK	11,755	80.3

PER CAPITA PERSONAL INCOME RANKINGS
For Counties—Continued

250 HIGHEST AND LOWEST PER CAPITA INCOMES OF THE 3105 COUNTIES IN THE UNITED STATES, 1986
[COUNTIES WITH TOTAL PERSONAL INCOMES OF 50 MILLION DOLLARS OR MORE]

250 HIGHEST PER CAPITA INCOMES			250 LOWEST PER CAPITA INCOMES		
RANK COUNTY	DOLLARS	PERCENT OF NATIONAL AVERAGE	RANK COUNTY	DOLLARS	PERCENT OF NATIONAL AVERAGE
1*MARIN, CALIFORNIA	29,055	198.5	3,105 STARR, TEXAS	4,136	28.3
2*NEW YORK, NEW YORK	28,505	194.7	3,104 MAVERICK, TEXAS	5,063	34.6
3*ALEXANDRIA CITY, VIRGINIA	26,030	177.8	3,103 MCCREARY, KENTUCKY	5,303	36.2
4 PITKIN, COLORADO	25,973	177.4	3,102 ZAVALA, TEXAS	5,791	39.6
5*ARLINGTON, VIRGINIA	25,926	177.1	3,101 DIMMIT, TEXAS	5,806	39.7
6*SOMERSET, NEW JERSEY	25,196	172.1	3,100 JACKSON, KENTUCKY	5,997	41.0
7*WESTCHESTER, NEW YORK	25,167	171.9	3,099 CLAY, WEST VIRGINIA	6,160	42.1
8*FAIRFIELD, CONNECTICUT	24,501	167.4	3,098 APACHE, ARIZONA	6,169	42.1
9 PERKINS, NEBRASKA	24,141	164.9	3,097 EDMONSON, KENTUCKY	6,188	42.3
10*BERGEN, NEW JERSEY	24,136	164.9	3,096 LEE, ARKANSAS	6,287	42.9
11*MONTGOMERY, MARYLAND	24,003	164.0	3,095 MADISON, LOUISIANA	6,305	43.1
12*MORRIS, NEW JERSEY	23,769	162.4	3,094 JEFFERSON, MISSISSIPPI	6,344	43.3
13 SHERMAN, TEXAS	23,733	162.1	3,093 WILLACY, TEXAS	6,379	43.6
14*SAN MATEO, CALIFORNIA	23,296	159.1	3,092 PERRY, ALABAMA	6,458	44.1
15*FAIRFAX, F'FX CITY + FALLS CH, VIR	23,136	158.0	3,091 LESLIE, KENTUCKY	6,480	44.3
16*NASSAU, NEW YORK	23,133	158.0	3,090 HOLMES, MISSISSIPPI	6,611	45.2
17*HUNTERDON, NEW JERSEY	23,101	157.8	3,089 CLINTON, KENTUCKY	6,618	45.2
18 JUNEAU BOROUGH, ALASKA	22,453	153.4	3,088 SHANNON, MISSOURI	6,658	45.5
19 NANTUCKET, MASSACHUSETTS	22,297	152.3	3,087 LEE, KENTUCKY	6,663	45.5
20*HOWARD, MARYLAND	22,133	151.2	3,086 FRANKLIN, LOUISIANA	6,697	45.7
21*SAN FRANCISCO, CALIFORNIA	22,084	150.9	3,085 ZAPATA, TEXAS	6,761	46.2
22*OAKLAND, MICHIGAN	21,611	147.6	3,084 NOXUBEE, MISSISSIPPI	6,769	46.2
23 NORTH SLOPE BOROUGH, ALASKA	21,590	147.5	3,083 FENTRESS, TENNESSEE	6,784	46.3
24 CHEYENNE, COLORADO	21,408	146.2	3,082 GREENE, MISSISSIPPI	6,790	46.4
25*NORFOLK, MASSACHUSETTS	21,175	144.6	3,081*HIDALGO, TEXAS	6,800	46.5
26*MONTGOMERY, PENNSYLVANIA	21,174	144.6	3,080 CASEY, KENTUCKY	6,826	46.6
27*SANTA CLARA, CALIFORNIA	20,935	143.0	3,079 WAYNE, KENTUCKY	6,834	46.7
28 CIMARRON, OKLAHOMA	20,717	141.5	3,078*WEBB, TEXAS	6,850	46.8
29*LOS ALAMOS, NEW MEXICO	20,566	140.5	3,077 TUNICA, MISSISSIPPI	6,874	47.0
30*UNION, NEW JERSEY	20,551	140.4	3,076 LEWIS, TENNESSEE	6,893	47.1
31*ANCHORAGE BOROUGH, ALASKA	20,550	140.4	3,075 WEST CARROLL, LOUISIANA	6,914	47.2
32*LOUDOUN, VIRGINIA	20,460	139.8	3,074 LEE, SOUTH CAROLINA	6,950	47.5
33 STEVENS, KANSAS	20,440	139.6	3,073 MCKINLEY, NEW MEXICO	6,960	47.5
34*LAKE, ILLINOIS	20,265	138.4	3,072 SHARKEY, MISSISSIPPI	6,977	47.7
35*CONTRA COSTA, CALIFORNIA	20,233	138.2	3,071 WALTHALL, MISSISSIPPI	7,000	47.8
36*MONMOUTH, NEW JERSEY	20,175	137.8	3,070 MAGOFFIN, KENTUCKY	7,021	48.0
37*ORANGE, CALIFORNIA	20,154	137.7	3,069 MORGAN, KENTUCKY	7,058	48.2
38*MIDDLESEX, MASSACHUSETTS	20,110	137.4	3,068 CHICOT, ARKANSAS	7,064	48.3
39*JOHNSON, KANSAS	20,091	137.2	3,067 CALHOUN, WEST VIRGINIA	7,081	48.4
40*DU PAGE, ILLINOIS	20,024	136.8	3,066*GRAINGER, TENNESSEE	7,087	48.4
41*ROCKLAND, NEW YORK	19,949	136.3	3,065 HOKE, NORTH CAROLINA	7,097	48.5
42*PALM BEACH, FLORIDA	19,938	136.2	3,065 MARSHALL, MISSISSIPPI	7,097	48.5
43 HANSFORD, TEXAS	19,934	136.2	3,063 ST. HELENA, LOUISIANA	7,106	48.5
44 VALDEZ-CORDOVA CENSUS AREA, ALASKA	19,805	135.3	3,062 CONEJOS, COLORADO	7,115	48.6
45 DECATUR, KANSAS	19,640	134.2	3,061 CARROLL, MISSISSIPPI	7,126	48.7
46 KETCHIKAN GATEWAY BOROUGH, ALASKA	19,626	134.1	3,060 SAN JUAN, UTAH	7,134	48.7
47*MIDDLESEX, NEW JERSEY	19,476	133.0	3,059 KNOTT, KENTUCKY	7,170	49.0
48 LITCHFIELD, CONNECTICUT	19,457	132.9	3,058 ATOKA, OKLAHOMA	7,190	49.1
49 DOUGLAS, NEVADA	19,397	132.5	3,057*CAMERON, TEXAS	7,205	49.2
50*MERCER, NEW JERSEY	19,309	131.9	3,056 METCALFE, KENTUCKY	7,206	49.2

PERSONAL INCOME BY MAJOR SOURCE AND EARNINGS BY INDUSTRY
For Counties and Metropolitan Areas

(42-003) ALLEGHENY, PENNSYLVANIA (THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
INCOME BY PLACE OF RESIDENCE						
TOTAL PERSONAL INCOME	17,764,115	18,559,134	18,965,827	19,807,845	20,716,081	21,768,889
NONFARM PERSONAL INCOME	17,758,654	18,553,692	18,960,171	19,798,278	20,705,493	21,758,199
FARM INCOME 2/	5,461	5,442	5,656	9,567	10,588	10,690
POPULATION (THOUSANDS) 3/	1,438.5	1,431.5	1,423.6	1,409.2	1,385.6	1,373.6
PER CAPITA PERSONAL INCOME (DOLLARS)	12,349	12,965	13,323	14,057	14,952	15,848
DERIVATION OF TOTAL PERSONAL INCOME						
EARNINGS BY PLACE OF WORK	14,415,944	14,534,385	14,734,371	15,389,854	16,104,569	16,693,786
LESS: PERSONAL CONT. FOR SOCIAL INSUR. 4/	860,667	908,640	917,905	984,770	1,069,942	1,121,897
PLUS: ADJUSTMENT FOR RESIDENCE	-1,574,805	-1,569,471	-1,652,945	-1,722,133	-1,821,281	-1,692,229
EQUALS: NET EARN. BY PLACE OF RESIDENCE	11,980,472	12,056,274	12,163,521	12,682,951	13,213,346	13,879,660
PLUS: DIVIDENDS, INTEREST, AND RENT 6/	2,993,560	3,283,506	3,339,228	3,643,551	3,852,171	4,050,371
PLUS: TRANSFER PAYMENTS	2,790,083	3,219,354	3,463,078	3,481,343	3,650,564	3,838,858
EARNINGS BY PLACE OF WORK						
COMPONENTS OF EARNINGS						
WAGES AND SALARIES	11,886,657	12,007,636	12,065,208	12,609,680	13,148,515	13,566,813
OTHER LABOR INCOME	1,421,739	1,451,375	1,425,140	1,389,308	1,403,252	1,401,050
PROPRIETORS' INCOME 7/	1,107,548	1,075,374	1,244,023	1,390,866	1,552,802	1,725,923
FARM	3,080	3,068	3,386	7,343	8,325	8,416
NONFARM	1,104,468	1,072,306	1,240,637	1,383,523	1,544,477	1,717,507
EARNINGS BY INDUSTRY						
FARM	5,461	5,442	5,656	9,567	10,588	10,690
NONFARM	14,410,483	14,528,943	14,728,715	15,380,287	16,093,981	16,683,096
PRIVATE	12,975,901	13,049,588	13,171,862	13,683,324	14,321,247	14,871,195
AG. SERV., FOR., FISH., AND OTHER 8/	26,355	27,295	32,954	32,828	27,172	31,282
AGRICULTURAL SERVICES	25,758	27,200	31,555	31,749	25,682	29,539
FORESTRY, FISHERIES, AND OTHER 8/	597	95	1,399	1,079	1,490	1,743
FORESTRY	261	-112	806	923	373	504
FISHERIES	336	207	593	156	1,117	1,239
OTHER 8/	0	0	0	0	0	0
MINING	195,990	204,053	183,439	199,405	241,324	250,049
COAL MINING	124,498	134,160	120,037	125,773	142,416	148,790
OIL AND GAS EXTRACTION	67,046	65,799	59,185	68,042	93,888	96,094
METAL MINING	(D)	(D)	(D)	(D)	319	1,000
NONMETALLIC MINERALS, EXCEPT FUELS	(D)	(D)	(D)	(D)	4,701	4,165
CONSTRUCTION	959,986	1,025,685	1,013,114	1,033,849	1,074,803	1,178,744
GENERAL BUILDING CONTRACTORS	214,637	208,069	214,171	240,703	252,740	269,745
HEAVY CONSTRUCTION CONTRACTORS	190,356	237,086	244,458	174,979	176,121	177,600
SPECIAL TRADE CONTRACTORS	554,993	580,530	554,485	618,167	645,942	731,399
MANUFACTURING	4,406,492	3,953,002	3,607,082	3,472,603	3,361,972	3,091,306
NONDURABLE GOODS	830,782	869,194	849,258	878,713	879,757	816,706
FOOD AND KINDRED PRODUCTS	183,867	191,490	197,300	194,349	190,341	191,680
TEXTILE MILL PRODUCTS	2,613	2,432	1,933	2,151	2,453	2,676
APPAREL AND OTHER TEXTILE PRODUCTS	10,199	9,120	7,536	7,880	7,969	9,773
PAPER AND ALLIED PRODUCTS	32,835	33,266	29,493	30,055	29,344	27,169
PRINTING AND PUBLISHING	152,133	158,702	171,530	184,505	198,204	203,393
CHEMICALS AND ALLIED PRODUCTS	254,351	262,423	251,377	258,714	279,621	289,363
PETROLEUM AND COAL PRODUCTS	162,043	174,086	152,071	159,039	125,719	39,370
TOBACCO MANUFACTURES	0	0	0	0	0	0
RUBBER AND MISC. PLASTICS PRODUCTS	31,815	36,972	37,597	41,660	45,691	52,908
LEATHER AND LEATHER PRODUCTS	926	703	421	360	415	374
DURABLE GOODS	3,575,710	3,083,808	2,757,824	2,593,890	2,482,215	2,274,600
LUMBER AND WOOD PRODUCTS	6,557	4,913	4,871	5,839	7,246	6,799
FURNITURE AND FIXTURES	17,331	(D)	(D)	(D)	(D)	26,576
PRIMARY METAL INDUSTRIES	1,766,653	1,327,429	1,093,291	988,633	863,996	699,385
FABRICATED METAL PRODUCTS	386,054	353,081	323,169	308,385	318,594	298,693
MACHINERY, EXCEPT ELECTRICAL	339,569	315,890	268,390	379,243	357,373	337,053
ELECTRIC AND ELECTRONIC EQUIPMENT	478,554	506,283	504,727	413,402	409,911	406,033
TRANS. EQUIP. EXCL. MOTOR VEHICLES	170,330	117,268	108,483	(D)	(D)	(D)
MOTOR VEHICLES AND EQUIPMENT	45,196	(D)	(D)	33,587	38,787	(D)
ORDNANCE 9/	0	0	0	0	0	0
STONE, CLAY, AND GLASS PRODUCTS	219,823	212,799	209,633	200,037	224,392	229,252
INSTRUMENTS AND RELATED PRODUCTS	120,779	130,989	117,527	129,958	126,138	125,617
MISC. MANUFACTURING INDUSTRIES	24,864	23,883	24,340	30,396	29,850	31,063
TRANSPORTATION AND PUBLIC UTILITIES	1,027,419	1,052,271	1,068,816	1,064,959	1,063,262	1,067,744
RAILROAD TRANSPORTATION	102,136	89,855	82,484	87,336	86,828	71,666
TRUCKING AND WAREHOUSING	189,967	162,604	136,871	150,058	145,656	144,897
WATER TRANSPORTATION	23,217	21,225	18,679	17,447	10,442	7,980
OTHER TRANSPORTATION	200,921	215,147	230,064	241,851	270,647	286,887
LOCAL & INTERURBAN PASSENGER TRANSIT	37,684	38,353	39,618	45,342	46,048	45,139
TRANSPORTATION BY AIR	(D)	(D)	(D)	(D)	(D)	(D)
PIPELINES, EXCEPT NATURAL GAS	(D)	(D)	(D)	(D)	(D)	(D)
TRANSPORTATION SERVICES	25,712	28,429	31,060	32,025	33,616	35,512
COMMUNICATION	260,492	291,392	312,355	311,862	276,063	274,592
ELECTRIC, GAS, AND SANITARY SERVICES	250,686	272,048	288,363	256,405	273,626	281,722

SEE FOOTNOTES AT END OF TABLE.

PERSONAL INCOME BY MAJOR SOURCE AND EARNINGS BY INDUSTRY
For Counties and Metropolitan Areas—Continued

(42-003) ALLEGHENY, PENNSYLVANIA (THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
WHOLESALE TRADE	1,050,809	1,059,889	1,044,823	1,076,128	1,119,384	1,157,142
RETAIL TRADE	1,299,205	1,329,446	1,418,324	1,461,030	1,524,607	1,602,819
BUILDING MATERIALS AND FARM EQUIPMENT	47,642	43,419	41,036	45,945	46,966	52,503
GENERAL MERCHANDISE STORES	230,648	240,049	249,299	269,736	280,754	282,378
FOOD STORES	233,123	249,539	252,018	249,579	245,317	250,143
AUTOMOTIVE DEALERS & SERVICE STATIONS	176,690	176,635	185,614	207,026	226,889	244,458
APPAREL AND ACCESSORY STORES	73,892	71,612	79,029	81,448	85,636	91,885
FURNITURE AND HOME FURNISHINGS STORES	73,185	72,487	84,015	77,090	85,337	89,304
EATING AND DRINKING PLACES	269,837	285,362	316,259	323,991	351,845	378,703
MISCELLANEOUS RETAIL STORES	194,188	190,343	211,054	206,215	201,863	213,445
FINANCE, INSURANCE, AND REAL ESTATE	790,281	819,213	952,522	1,017,972	1,121,761	1,294,631
BANKING AND CREDIT AGENCIES	344,885	401,823	451,791	499,883	542,018	591,297
OTHER FINANCE, INSUR., & REAL ESTATE	445,396	417,390	500,731	518,089	579,743	703,334
SECURITY & COMMODITY BROKERS & SERV.	41,895	52,882	67,980	67,150	92,070	115,961
INSURANCE CARRIERS	189,173	192,970	203,884	218,838	232,129	252,956
INSURANCE AGENTS, BROKERS, & SERVICES	81,627	89,863	93,202	108,940	115,507	130,988
REAL ESTATE	66,285	28,682	68,580	61,263	36,710	74,087
COMBINED REAL ESTATE, INSURANCE, ETC.	5,116	5,205	2,958	2,799	5,996	4,319
HOLDING & OTHER INVESTMENT COMPANIES	61,300	47,788	64,127	59,099	97,331	125,023
SERVICES	3,219,364	3,578,734	3,850,788	4,324,550	4,786,962	5,197,478
HOTELS AND OTHER LODGING PLACES	65,407	67,357	69,903	64,906	67,310	72,147
PERSONAL SERVICES	120,654	136,501	143,027	149,443	173,148	182,091
PRIVATE HOUSEHOLDS	(D)	28,265	29,315	32,455	32,386	33,217
BUSINESS SERVICES	427,728	479,836	536,279	788,873	949,886	1,026,958
AUTO REPAIR, SERVICES, AND GARAGES	110,552	108,431	112,042	127,897	138,580	149,705
MISCELLANEOUS REPAIR SERVICES	57,511	58,658	66,275	69,328	70,311	71,726
AMUSEMENT AND RECREATION SERVICES	72,407	83,240	95,515	107,911	113,878	113,619
MOTION PICTURES	13,306	15,132	13,135	13,762	13,135	14,072
HEALTH SERVICES	1,115,264	1,297,527	1,428,109	1,509,516	1,614,333	1,747,483
LEGAL SERVICES	196,942	247,833	278,228	321,834	347,682	383,950
EDUCATIONAL SERVICES	341,853	361,623	386,975	413,810	441,897	483,984
SOCIAL SERVICES 10/	68,027	71,489	73,244	83,366	94,609	103,337
MUSEUMS, BOTANICAL, ZOOLOGICAL GARDENS	(D)	4,386	4,544	4,891	5,180	5,600
MEMBERSHIP ORGANIZATIONS	128,399	136,437	138,650	139,788	146,051	152,828
MISCELLANEOUS SERVICES	471,007	482,019	475,547	496,770	578,576	656,761
GOVERNMENT AND GOVERNMENT ENTERPRISES	1,434,582	1,479,355	1,556,853	1,696,963	1,772,734	1,811,901
FEDERAL, CIVILIAN	374,615	387,903	407,691	429,014	445,984	443,378
MILITARY	44,450	43,705	52,662	52,891	58,726	63,577
STATE AND LOCAL	1,015,517	1,047,747	1,096,500	1,215,058	1,268,024	1,304,946

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ FARM INCOME CONSISTS OF PROPRIETORS' NET FARM INCOME, THE WAGES OF HIRED FARM LABOR, THE PAY-IN-KIND OF HIRED FARM LABOR, AND THE SALARIES OF OFFICERS OF CORPORATE FARMS.
3/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS. ESTIMATES FOR 1980-86 REFLECT REVISIONS AVAILABLE AS OF MARCH 1988.
4/ PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE ARE INCLUDED IN EARNINGS BY TYPE AND INDUSTRY BUT EXCLUDED FROM PERSONAL INCOME.
6/ INCLUDES THE CAPITAL CONSUMPTION ADJUSTMENT FOR RENTAL INCOME OF PERSONS.
7/ INCLUDES THE INVENTORY VALUATION AND CAPITAL CONSUMPTION ADJUSTMENTS.
8/ "OTHER" CONSISTS OF THE WAGES AND SALARIES OF U.S. RESIDENTS EMPLOYED BY INTERNATIONAL ORGANIZATIONS AND FOREIGN EMBASSIES AND CONSULATES IN THE UNITED STATES.
9/ UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION, ORDNANCE WAS RECLASSIFIED TO FOUR 2-DIGIT INDUSTRIES: FABRICATED METAL PRODUCTS, ELECTRIC AND ELECTRONIC EQUIPMENT, TRANSPORTATION EQUIPMENT, AND INSTRUMENTS AND RELATED PRODUCTS.
10/ THIS CATEGORY IS NEW UNDER THE 1972 STANDARD INDUSTRIAL CLASSIFICATION; THEREFORE ESTIMATES PRIOR TO 1975 DO NOT EXIST.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; (L) LESS THAN $50,000. ESTIMATES ARE INCLUDED IN TOTALS.

PERSONAL INCOME BY MAJOR SOURCE AND EARNINGS BY MAJOR INDUSTRY
For Counties and Metropolitan Areas

(42-101) PHILADELPHIA, PENNSYLVANIA (THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
INCOME BY PLACE OF RESIDENCE						
TOTAL PERSONAL INCOME	16,604,642	17,721,808	18,445,317	19,388,117	20,489,025	21,672,645
NONFARM PERSONAL INCOME	16,604,597	17,721,765	18,445,279	19,388,063	20,488,969	21,672,587
FARM INCOME 2/	(L)	(L)	(L)	54	56	58
POPULATION (THOUSANDS) 3/	1,673.6	1,664.7	1,658.2	1,649.7	1,647.6	1,642.9
PER CAPITA PERSONAL INCOME (DOLLARS)	9,922	10,646	11,124	11,752	12,436	13,192
DERIVATION OF TOTAL PERSONAL INCOME						
EARNINGS BY PLACE OF WORK	15,711,932	16,378,347	17,364,332	18,431,403	19,470,287	20,490,490
LESS: PERSONAL CONT. FOR SOCIAL INSUR. 4/	947,027	1,026,129	1,084,202	1,183,154	1,287,869	1,371,826
PLUS: ADJUSTMENT FOR RESIDENCE	-4,822,616	-4,954,406	-5,463,661	-5,686,572	-6,043,678	-6,215,046
EQUALS: NET EARN. BY PLACE OF RESIDENCE	9,942,289	10,397,812	10,816,469	11,561,677	12,138,740	12,903,618
PLUS: DIVIDENDS, INTEREST, AND RENT 6/	2,459,629	2,710,165	2,782,834	2,942,023	3,109,036	3,237,827
PLUS: TRANSFER PAYMENTS	4,202,724	4,613,831	4,846,014	4,884,417	5,241,249	5,531,200
EARNINGS BY PLACE OF WORK						
COMPONENTS OF EARNINGS						
WAGES AND SALARIES	13,529,308	14,059,445	14,856,552	15,767,965	16,611,557	17,430,198
OTHER LABOR INCOME	1,291,443	1,405,484	1,476,996	1,499,059	1,552,102	1,620,894
PROPRIETORS' INCOME 7/	891,181	913,418	1,030,784	1,164,379	1,306,628	1,439,398
FARM	(L)	(L)	(L)	54	56	58
NONFARM	891,140	913,375	1,030,746	1,164,325	1,306,572	1,439,340
EARNINGS BY INDUSTRY						
FARM	(L)	(L)	(L)	54	56	58
NONFARM	15,711,887	16,378,304	17,364,294	18,431,349	19,470,231	20,490,432
PRIVATE	12,759,203	13,241,799	14,005,920	14,901,924	15,759,403	16,780,318
AG. SERV., FOR., FISH., AND OTHER 8/	11,648	11,766	14,267	14,847	16,466	20,310
MINING	34,206	30,922	21,915	23,405	35,179	33,953
CONSTRUCTION	558,128	546,551	552,592	596,071	621,256	663,393
MANUFACTURING	2,843,041	2,758,977	2,746,874	2,844,553	2,869,750	2,913,775
NONDURABLE GOODS	1,783,464	1,751,989	1,798,042	1,814,710	1,824,712	1,851,037
DURABLE GOODS	1,059,577	1,006,988	948,832	1,029,843	1,045,038	1,062,738
TRANSPORTATION AND PUBLIC UTILITIES	1,548,216	1,590,576	1,600,226	1,608,116	1,611,343	1,629,906
WHOLESALE TRADE	1,137,642	1,158,217	1,215,908	1,319,628	1,347,174	1,381,796
RETAIL TRADE	1,177,640	1,191,507	1,299,530	1,374,957	1,440,394	1,552,848
FINANCE, INSURANCE, AND REAL ESTATE	1,398,723	1,472,466	1,674,746	1,782,462	1,968,693	2,264,249
SERVICES	4,049,959	4,480,817	4,879,862	5,337,885	5,849,148	6,320,088
GOVERNMENT AND GOVERNMENT ENTERPRISES	2,952,684	3,136,505	3,358,374	3,529,425	3,710,828	3,710,114
FEDERAL, CIVILIAN	1,243,886	1,288,482	1,375,043	1,415,844	1,515,754	1,478,582
MILITARY	153,545	171,419	181,995	200,489	221,270	192,079
STATE AND LOCAL	1,555,253	1,676,604	1,801,336	1,913,092	1,973,804	2,039,453

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ FARM INCOME CONSISTS OF PROPRIETORS' NET FARM INCOME, THE WAGES OF HIRED FARM LABOR, THE PAY-IN-KIND OF HIRED FARM LABOR, AND THE SALARIES OF OFFICERS OF CORPORATE FARMS.
3/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS. ESTIMATES FOR 1980-86 REFLECT REVISIONS AVAILABLE AS OF MARCH 1988.
4/ PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE ARE INCLUDED IN EARNINGS BY TYPE AND INDUSTRY BUT EXCLUDED FROM PERSONAL INCOME.
6/ INCLUDES THE CAPITAL CONSUMPTION ADJUSTMENT FOR RENTAL INCOME OF PERSONS.
7/ INCLUDES THE INVENTORY VALUATION AND CAPITAL CONSUMPTION ADJUSTMENTS.
8/ "OTHER" CONSISTS OF THE WAGES AND SALARIES OF U.S. RESIDENTS EMPLOYED BY INTERNATIONAL ORGANIZATIONS AND FOREIGN EMBASSIES AND CONSULATES IN THE UNITED STATES.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; (L) LESS THAN $50,000. ESTIMATES ARE INCLUDED IN TOTALS.

FULL-TIME AND PART-TIME EMPLOYEES BY MAJOR INDUSTRY
For Counties and Metropolitan Areas

(26-163) WAYNE, MICHIGAN

ITEM	1981	1982	1983	1984	1985	1986
EMPLOYMENT BY PLACE OF WORK						
TOTAL EMPLOYMENT	1,029,968	967,684	957,464	985,844	1,009,132	1,025,667
BY TYPE:						
WAGE AND SALARY	968,123	905,559	897,043	923,826	943,586	956,118
PROPRIETORS	61,845	62,125	60,421	62,018	65,546	69,549
FARM	481	475	504	491	482	474
NONFARM 2/	61,364	61,650	59,917	61,527	65,064	69,075
BY INDUSTRY:						
FARM	843	820	844	822	802	776
NONFARM	1,029,125	966,864	956,620	985,022	1,008,330	1,024,891
PRIVATE	886,833	832,448	822,474	850,951	871,635	884,334
AG.SERV.,FOR.,FISH., AND OTHER 3/	2,257	2,209	2,313	2,389	2,555	2,687
MINING	664	673	553	567	582	630
CONSTRUCTION	26,605	22,578	22,109	24,591	29,404	29,934
MANUFACTURING	282,182	250,966	243,286	255,030	252,375	253,164
TRANSPORTATION AND PUBLIC UTILITIES	58,631	54,675	52,672	51,957	53,989	56,238
WHOLESALE TRADE	52,428	49,066	46,609	52,071	52,116	52,776
RETAIL TRADE	156,450	148,865	149,410	150,483	157,235	158,138
FINANCE, INSURANCE, AND REAL ESTATE	63,941	61,561	60,401	60,896	64,677	66,618
SERVICES	243,675	241,855	245,121	252,967	258,702	264,149
GOVERNMENT AND GOVERNMENT ENTERPRISES	142,292	134,416	134,146	134,071	136,695	140,557
FEDERAL, CIVILIAN	18,667	17,909	17,525	17,680	18,166	18,766
MILITARY	5,504	5,915	5,945	6,004	6,103	6,181
STATE AND LOCAL	118,121	110,592	110,676	110,387	112,426	115,610

1/ 1969-74 BASED ON 1967 SIC. 1975-86 BASED ON 1972 SIC.
2/ EXCLUDES LIMITED PARTNERS.
3/ "OTHER" CONSISTS OF THE NUMBER OF JOBS HELD BY U.S. RESIDENTS EMPLOYED BY INTERNATIONAL ORGANIZATIONS AND FOREIGN EMBASSIES AND CONSULATES IN THE UNITED STATES.
(D) NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION; (L) LESS THAN 10 JOBS. ESTIMATES ARE INCLUDED IN TOTALS.

REGIONAL ECONOMIC PROFILE
For Counties and Metropolitan Areas

(42-125) WASHINGTON, PENNSYLVANIA

ITEM	1981	1982	1983	1984	1985	1986
PLACE OF RESIDENCE PROFILE						
TOTAL PERSONAL INCOME (THOUSANDS OF $)	2,254,344	2,323,472	2,384,826	2,487,296	2,580,701	2,650,267
NONFARM PERSONAL INCOME	2,242,103	2,315,590	2,380,426	2,476,537	2,570,404	2,639,747
FARM INCOME	12,241	7,882	4,400	10,759	10,297	10,520
DERIVATION OF TOTAL PERSONAL INCOME						
NET EARNINGS 1/	1,522,097	1,481,025	1,478,221	1,551,999	1,604,256	1,629,463
TRANSFER PAYMENTS	423,073	497,641	539,227	539,553	561,041	584,156
INCOME MAINTENANCE 2/	35,133	35,602	37,433	40,397	41,410	43,316
UNEMPLOYMENT INSURANCE	23,681	55,669	68,105	39,523	28,824	23,363
RETIREMENT AND OTHER	364,259	406,370	433,689	459,633	490,807	517,477
DIVIDENDS, INTEREST, AND RENT	309,174	344,806	367,378	395,744	415,404	436,648
POPULATION (THOUSANDS) 3/	216.5	217.1	217.5	216.4	213.4	212.5
PER CAPITA INCOMES ($) 4/						
TOTAL PERSONAL INCOME	10,412	10,703	10,967	11,494	12,091	12,473
NET EARNINGS	7,030	6,823	6,798	7,172	7,516	7,669
TRANSFER PAYMENTS	1,954	2,292	2,480	2,493	2,628	2,749
INCOME MAINTENANCE	162	164	172	187	194	204
UNEMPLOYMENT INSURANCE	109	256	313	183	135	110
RETIREMENT AND OTHER	1,682	1,872	1,994	2,124	2,299	2,435
DIVIDENDS, INTEREST, AND RENT	1,428	1,588	1,689	1,829	1,946	2,055
PLACE OF WORK PROFILE						
TOTAL EARNINGS (THOUSANDS OF $)	1,312,436	1,277,833	1,270,416	1,350,069	1,396,728	1,459,767
WAGES AND SALARIES	1,045,085	1,020,596	1,006,281	1,066,795	1,098,102	1,139,441
OTHER LABOR INCOME	140,094	136,022	129,079	129,799	132,102	137,726
PROPRIETORS' INCOME	127,257	121,215	135,056	153,475	166,524	182,600
NONFARM	117,549	116,229	133,420	145,424	158,983	174,849
FARM	9,708	4,986	1,636	8,051	7,541	7,751
TOTAL EMPLOYMENT (FULL AND PART-TIME JOBS)	77,685	74,839	72,420	73,108	74,320	75,963
WAGE AND SALARY JOBS	67,259	64,015	61,325	61,811	62,400	63,405
NUMBER OF PROPRIETORS	10,426	10,824	11,095	11,297	11,920	12,558
NONFARM 5/	8,646	9,045	9,232	9,488	10,114	10,799
FARM	1,780	1,779	1,863	1,809	1,806	1,759
AVERAGE EARNINGS PER JOB ($)	16,894	17,074	17,542	18,467	18,793	19,217
WAGE AND SALARY EARNINGS PER JOB	15,538	15,943	16,409	17,259	17,598	17,971
AVER. EARNINGS PER NONFARM PROPRIETOR	13,596	12,850	14,452	15,327	15,719	16,191

1/ TOTAL EARNINGS LESS PERSONAL CONTRIBUTIONS FOR SOCIAL INSURANCE ADJUSTED TO PLACE OF RESIDENCE.
2/ INCLUDES SUPPLEMENTAL SECURITY INCOME PAYMENTS, PAYMENTS TO FAMILIES WITH DEPENDENT CHILDREN (AFDC), GENERAL ASSISTANCE PAYMENTS, FOOD STAMP PAYMENTS, AND OTHER ASSISTANCE PAYMENTS, INCLUDING EMERGENCY ASSISTANCE.
3/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS. ESTIMATES FOR 1980-1986 REFLECT REVISIONS AVAILABLE AS OF MARCH 1988.
4/ TYPE OF INCOME DIVIDED BY POPULATION YIELDS A PER CAPITA FOR THAT TYPE OF INCOME.
5/ EXCLUDES LIMITED PARTNERS.
(L) LESS THAN $50,000 OR LESS THAN 10 JOBS, AS APPROPRIATE. ESTIMATES ARE INCLUDED IN TOTALS.

TOTAL WAGES AND SALARIES
For Counties and Metropolitan Areas

(THOUSANDS OF DOLLARS)

	1981	1982	1983	1984	1985	1986
CONNECTICUT	24,326,434	26,093,795	28,039,365	31,356,381	34,185,389	37,199,636
CONSOLIDATED METROPOLITAN AREAS:						
NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND,	138,209,451	149,379,470	161,236,542	177,293,622	191,862,685	208,756,717
METROPOLITAN AREAS:						
BRIDGEPORT-STAMFORD-NORWALK-DANBURY, CT	7,225,416	7,832,425	8,337,100	9,352,815	10,221,344	11,160,542
HARTFORD-NEW BRITAIN-MIDDLETOWN-BRISTOL,	9,166,998	9,813,997	10,529,228	11,743,656	12,889,442	14,273,414
NEW HAVEN-WATERBURY-MERIDEN, CT	4,950,201	5,214,153	5,637,961	6,344,591	6,883,038	7,451,203
NEW LONDON-NORWICH, CT	1,801,085	1,990,541	2,230,534	2,448,172	2,597,894	2,576,933
COUNTIES:						
CONNECTICUT (METROPOLITAN PORTION)	23,143,700	24,851,116	26,734,823	29,889,234	32,591,718	35,462,092
CONNECTICUT (NON-METROPOLITAN PORTION)	1,182,734	1,242,679	1,304,542	1,467,147	1,593,671	1,737,544
FAIRFIELD	7,225,416	7,832,425	8,337,100	9,352,815	10,221,344	11,160,542
HARTFORD	8,091,039	8,677,380	9,272,861	10,269,783	11,220,044	12,367,028
LITCHFIELD	772,392	798,997	836,142	953,445	1,038,976	1,147,776
MIDDLESEX	747,312	780,504	856,043	1,022,192	1,157,386	1,322,825
NEW HAVEN	4,950,201	5,214,153	5,637,961	6,344,591	6,883,038	7,451,203
NEW LONDON	1,801,085	1,990,541	2,230,534	2,448,172	2,597,894	2,576,933
TOLLAND	328,647	356,113	400,324	451,681	512,012	583,561
WINDHAM	410,342	443,682	468,400	513,702	554,695	589,768

WAGE AND SALARY EMPLOYEES
For Counties and Metropolitan Areas

	1981	1982	1983	1984	1985	1986
CONNECTICUT	1,517,558	1,506,445	1,522,967	1,597,850	1,640,145	1,683,171
CONSOLIDATED METROPOLITAN AREAS:						
NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND,	7,932,624	7,919,358	8,034,002	8,345,033	8,519,466	8,696,650
METROPOLITAN AREAS:						
BRIDGEPORT-STAMFORD-NORWALK-DANBURY, CT	401,226	401,571	402,563	420,957	431,754	439,276
HARTFORD-NEW BRITAIN-MIDDLETOWN-BRISTOL,	570,144	564,484	571,602	599,533	620,286	645,291
NEW HAVEN-WATERBURY-MERIDEN, CT	340,647	334,052	338,624	358,594	365,460	373,752
NEW LONDON-NORWICH, CT	116,213	117,457	121,900	125,960	127,568	127,325
COUNTIES:						
CONNECTICUT (METROPOLITAN PORTION)	1,428,230	1,417,564	1,434,689	1,505,044	1,545,068	1,585,644
CONNECTICUT (NON-METROPOLITAN PORTION)	89,328	88,881	88,278	92,806	95,077	97,527
FAIRFIELD	401,226	401,571	402,563	420,957	431,754	439,276
HARTFORD	489,978	484,813	489,605	510,466	525,478	545,194
LITCHFIELD	57,417	56,479	55,925	58,998	60,647	62,588
MIDDLESEX	52,891	51,703	52,956	58,151	63,080	66,310
NEW HAVEN	340,647	334,052	338,624	358,594	365,460	373,752
NEW LONDON	116,213	117,457	121,900	125,960	127,568	127,325
TOLLAND	27,275	27,968	29,041	30,916	31,728	33,787
WINDHAM	31,911	32,402	32,353	33,808	34,430	34,939

AVERAGE WAGE PER JOB
For Counties and Metropolitan Areas

(DOLLARS)

	1981	1982	1983	1984	1985	1986
CONNECTICUT	16,030	17,321	18,411	19,624	20,843	22,101
CONSOLIDATED METROPOLITAN AREAS:						
NEW YORK-NORTHERN NEW JERSEY-LONG ISLAND,	17,423	18,863	20,069	21,245	22,521	24,004
METROPOLITAN AREAS:						
BRIDGEPORT-STAMFORD-NORWALK-DANBURY, CT	18,008	19,504	20,710	22,218	23,674	25,407
HARTFORD-NEW BRITAIN-MIDDLETOWN-BRISTOL,	16,078	17,386	18,421	19,588	20,780	22,119
NEW HAVEN-WATERBURY-MERIDEN, CT	14,532	15,609	16,650	17,693	18,834	19,936
NEW LONDON-NORWICH, CT	15,498	16,947	18,298	19,436	20,365	20,239
COUNTIES:						
CONNECTICUT (METROPOLITAN PORTION)	16,204	17,531	18,635	19,859	21,094	22,364
CONNECTICUT (NON-METROPOLITAN PORTION)	13,240	13,981	14,778	15,809	16,762	17,816
FAIRFIELD	18,008	19,504	20,710	22,218	23,674	25,407
HARTFORD	16,513	17,898	18,939	20,118	21,352	22,684
LITCHFIELD	13,452	14,147	14,951	16,161	17,132	18,339
MIDDLESEX	14,129	15,096	16,165	17,578	18,348	19,949
NEW HAVEN	14,532	15,609	16,650	17,693	18,834	19,936
NEW LONDON	15,498	16,947	18,298	19,436	20,365	20,239
TOLLAND	12,049	12,733	13,785	14,610	16,138	17,272
WINDHAM	12,859	13,693	14,478	15,195	16,111	16,880

1/ THE EMPLOYMENT ESTIMATES USED TO COMPUTE THE AVERAGE ARE A JOB NOT PERSON COUNT; PEOPLE HOLDING MORE THAN ONE JOB ARE COUNTED IN THE ESTIMATES FOR EACH JOB THEY HOLD.

NARRATIVE SUMMARY OF PERSONAL INCOME
For States, Counties, and Metropolitan Areas

BEARFACTS

TRAVIS, TEXAS
1985-86

TRAVIS IS ONE OF THE 254 COUNTIES IN TEXAS. IT IS PART OF THE AUSTIN METROPOLITAN AREA. ITS 1986 POPULATION OF 551,000 RANKED 6TH IN THE STATE.

PER CAPITA PERSONAL INCOME

IN 1986, TRAVIS HAD A PER CAPITA PERSONAL INCOME (PCPI) OF $15,164. THIS PCPI RANKED 23RD IN THE STATE, AND WAS 112 PERCENT OF THE STATE AVERAGE ($13,486) AND 104 PERCENT OF THE NATIONAL AVERAGE ($14,639). THE 1986 PCPI REFLECTED AN INCREASE OF 1.2 PERCENT FROM 1985. THE 1985-86 CHANGE WAS MORE THAN THE STATE AVERAGE (-0.1 PERCENT) AND LESS THAN THE NATIONAL AVERAGE (5.2 PERCENT).

TOTAL PERSONAL INCOME

IN 1986, TRAVIS HAD A TOTAL PERSONAL INCOME (TPI) OF $8,355,218*. THIS TPI RANKED 5TH IN THE STATE AND ACCOUNTED FOR 3.7 PERCENT OF THE STATE TOTAL. THE 1986 TPI REFLECTED AN INCREASE OF 4.5 PERCENT FROM 1985. THE 1985-86 CHANGE WAS MORE THAN THE STATE AVERAGE (1.8 PERCENT) AND LESS THAN THE NATIONAL AVERAGE (6.3 PERCENT).

COMPONENTS OF TOTAL PERSONAL INCOME

TOTAL PERSONAL INCOME (TPI) INCLUDES THE EARNINGS (WAGES AND SALARIES, OTHER LABOR INCOME, AND PROPRIETORS' INCOME); DIVIDENDS, INTEREST, AND RENT; AND TRANSFER PAYMENTS RECEIVED BY THE RESIDENTS OF TRAVIS. IN 1986, EARNINGS WERE 74.5 PERCENT OF TPI; DIVIDENDS, INTEREST, AND RENT WERE 15.4 PERCENT; AND TRANSFER PAYMENTS WERE 10.1 PERCENT. FROM 1985 TO 1986, EARNINGS INCREASED 4.3 PERCENT; DIVIDENDS, INTEREST, AND RENT INCREASED 3.4 PERCENT; AND TRANSFER PAYMENTS INCREASED 7.9 PERCENT.

EARNINGS BY INDUSTRY

EARNINGS OF PERSONS EMPLOYED IN TRAVIS INCREASED FROM $7,429,647* IN 1985 TO $7,701,107* IN 1986, AN INCREASE OF 3.7 PERCENT. THE LARGEST INDUSTRIES IN 1986 WERE SERVICES, WHICH ACCOUNTED FOR 24.6 PERCENT OF EARNINGS; STATE AND LOCAL GOVERNMENT, 20.3 PERCENT; AND DURABLE GOODS MANUFACTURING, 11.3 PERCENT. OF THE INDUSTRIES THAT ACCOUNTED FOR AT LEAST 5 PERCENT OF EARNINGS IN 1986, THE SLOWEST GROWING FROM 1985 TO 1986 WAS CONSTRUCTION (8.2 PERCENT OF EARNINGS IN 1986), WHICH DECLINED 8.4 PERCENT; THE FASTEST WAS FINANCE, INSURANCE, AND REAL ESTATE (8.3 PERCENT OF EARNINGS IN 1986), WHICH INCREASED 11.3 PERCENT.

* ALL INCOME ESTIMATES WITH THE EXCEPTION OF PCPI ARE IN THOUSANDS OF DOLLARS.

REGIONAL ECONOMIC INFORMATION SYSTEM
BUREAU OF ECONOMIC ANALYSIS

TRANSFER PAYMENTS
For Counties and Metropolitan Areas

(12-099) PALM BEACH, FLORIDA

(THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
TOTAL TRANSFER PAYMENTS	1,235,695	1,442,167	1,606,208	1,730,829	1,912,457	2,069,290
GOVERNMENT PAYMENTS TO INDIVIDUALS	1,185,758	1,387,113	1,544,344	1,656,565	1,826,162	1,976,731
RET. & DISAB. INS. BENEFIT PAY.	854,740	975,453	1,070,054	1,129,948	1,222,608	1,301,327
OLD-AGE, SURV. & DISABILITY INSUR. PAY.	695,414	800,471	880,720	933,330	1,010,518	1,079,811
RAILROAD RETIREMENT & DISABILITY PAY.	10,537	11,108	11,336	11,188	11,449	11,854
FEDERAL CIVIL. EMPLOYEE RETIREMENT PAY.	86,545	94,683	103,879	109,660	114,231	117,774
MILITARY RETIREMENT PAYMENTS	39,050	42,406	44,816	41,773	47,889	48,609
STATE & LOCAL GOVT. EMPLOYEE RET. PAY.	19,806	23,140	25,190	29,643	33,727	38,285
WORKERS' COMP. PAY. (FEDERAL & STATE)	2,411	2,669	3,089	3,361	3,802	3,998
OTH. GOVT. DISAB. INSUR. & RET. PAY. 1/	977	976	1,024	993	992	996
MEDICAL PAYMENTS 2/	224,316	289,360	348,572	410,349	487,481	552,775
INCOME MAINTENANCE BENEFIT PAYMENTS	40,992	41,965	43,552	42,112	41,694	43,994
SUPPL. SECURITY INCOME (SSI) PAYMENTS	9,764	10,542	11,379	12,698	13,557	14,429
AID TO FAMILIES WITH DEP. CHILD.(AFDC)	7,973	9,748	11,172	11,054	10,470	11,203
FOOD STAMPS	18,976	17,387	17,002	14,494	14,126	14,011
OTHER INCOME MAINTENANCE 3/	4,279	4,288	3,999	3,866	3,541	4,351
UNEMPLOYMENT INSURANCE BENEFIT PAYMENTS	13,032	26,066	29,256	22,175	20,909	24,303
STATE UNEMPLOYMENT INSUR. COMPENSATION	12,593	25,885	29,036	22,027	20,777	24,120
UNEMP. COMP. FOR FED. CIV. EMPL. (UCFE)	(L)	68	68	52	(L)	70
UNEMP. COMPENSATION FOR RR EMPLOYEES	(L)	(L)	(L)	(L)	(L)	(L)
UNEMP. COMPENSATION FOR VETERANS (UCX)	166	53	96	77	75	89
OTHER UNEMPLOYMENT COMPENSATION 4/	203	(L)	(L)	(L)	(L)	(L)
VETERANS BENEFIT PAYMENTS	44,887	46,330	45,310	43,710	44,945	46,320
VETS PENSIONS & COMP. PAY.	35,123	36,947	37,213	36,721	37,025	38,412
EDUC ASST TO VETS, DEPEND., & SURV. 5/	5,216	4,291	2,868	1,527	1,524	1,334
VETERANS LIFE INSURANCE BENEFIT PAY.	4,400	4,987	5,086	5,349	6,224	6,407
OTHER ASSISTANCE TO VETERANS 6/	148	105	143	113	172	167
FED EDUC & TRNG ASST PAY (EXCL VETS) 7/	7,593	7,658	7,264	7,869	8,088	7,468
OTHER PAYMENTS TO INDIVIDUALS 8/	198	281	336	402	437	544
PAYMENTS TO NONPROFIT INSTITUTIONS	24,177	23,974	27,142	32,735	38,430	41,077
FEDERAL GOVERNMENT PAYMENTS	9,007	7,377	8,474	9,502	9,406	11,081
STATE AND LOCAL GOVERNMENT PAYMENTS 9/	9,595	9,954	9,674	11,804	13,899	15,199
BUSINESS PAYMENTS	5,575	6,643	8,994	11,429	15,125	14,797
BUSINESS PAYMENTS TO INDIVIDUALS 10/	25,760	31,080	34,722	41,529	47,865	51,482

1/ INCLUDES TEMPORARY DISABILITY PAYMENTS AND BLACK LUNG PAYMENTS.
2/ CONSISTS OF MEDICARE PAYMENTS, MEDICAL VENDOR PAYMENTS, AND CHAMPUS PAYMENTS.
3/ INCLUDES GENERAL ASSISTANCE, EMERGENCY ASSISTANCE, REFUGEE ASSISTANCE, FOSTER HOME CARE PAYMENTS, EARNED INCOME TAX CREDITS, AND ENERGY ASSISTANCE.
4/ CONSISTS OF TRADE READJUSTMENT ALLOWANCE PAYMENTS, REDWOOD PARK BENEFIT PAYMENTS, PUBLIC SERVICE EMPLOYMENT BENEFIT PAYMENTS, AND TRANSITIONAL BENEFIT PAYMENTS.
5/ INCLUDES VETERANS' READJUSTMENT BENEFIT PAYMENTS AND EDUCATIONAL ASSISTANCE TO SPOUSES AND CHILDREN OF DISABLED OR DECEASED VETERANS.
6/ INCLUDES PAYMENTS TO PARAPLEGICS, PAYMENTS FOR AUTOS AND CONVEYANCES FOR DISABLED VETERANS, VETERANS' AID, AND VETERANS' BONUSES.
7/ INCLUDES FEDERAL FELLOWSHIP PAYMENTS (NATIONAL SCIENCE FOUNDATION, FELLOWSHIPS AND TRAINEESHIPS, SUBSISTENCE PAYMENTS TO STATE MARITIME ACADEMY CADETS, AND OTHER FEDERAL FELLOWSHIPS), INTEREST SUBSIDY ON HIGHER EDUCATION LOANS, BASIC EDUCATIONAL OPPORTUNITY GRANTS, AND JOB CORPS PAYMENTS.
8/ INCLUDES BUREAU OF INDIAN AFFAIRS PAYMENTS, EDUCATION EXCHANGE PAYMENTS, COMPENSATION OF SURVIVORS OF PUBLIC SAFETY OFFICERS, COMPENSATION OF VICTIMS OF CRIME, ALASKA PERMANENT FUND DIVIDEND PAYMENTS & OTHER SPECIAL PAYMENTS TO INDIVIDUALS.
9/ CONSISTS OF STATE AND LOCAL GOVERNMENT PAYMENTS FOR FOSTER HOME CARE SUPERVISED BY PRIVATE AGENCIES, STATE AND LOCAL GOVERNMENT EDUCATIONAL ASSISTANCE PAYMENTS TO NONPROFIT INSTITUTIONS, AND OTHER STATE AND LOCAL GOVT. PAYMENTS TO NONPROFIT INSTITUTIONS.
10/ INCLUDES CONSUMER BAD DEBTS, PERSONAL INJURY PAYMENTS TO INDIVIDUALS OTHER THAN EMPLOYEES, AND OTHER BUSINESS TRANSFER PAYMENTS.
(L) LESS THAN $50,000. ESTIMATES ARE INCLUDED IN TOTALS.

FARM INCOME AND EXPENSES
For Counties

(06-019) FRESNO, CALIFORNIA (THOUSANDS OF DOLLARS)

ITEM	1981	1982	1983	1984	1985	1986
CASH RECEIPTS FROM MARKETINGS	1,678,858	1,808,488	1,531,981	1,666,498	1,792,220	1,736,290
TOTAL LIVESTOCK AND PRODUCTS	396,556	407,141	348,430	470,152	447,220	480,688
TOTAL CROPS	1,282,302	1,401,347	1,183,551	1,196,346	1,345,000	1,255,602
OTHER INCOME	81,236	126,504	147,640	119,296	117,408	122,096
GOVERNMENT PAYMENTS	2,015	21,673	43,815	18,652	20,691	36,717
IMPUTED INCOME AND RENT RECEIVED /1	79,221	104,831	103,825	100,644	96,717	85,379
PRODUCTION EXPENSES	1,356,879	1,512,390	1,476,133	1,542,919	1,450,203	1,372,207
FEED PURCHASED	168,500	147,636	168,709	161,435	143,578	128,759
LIVESTOCK PURCHASED	124,877	157,836	139,357	183,112	147,031	181,457
SEED PURCHASED	12,896	12,162	11,456	13,194	12,837	11,446
FERT. AND LIME (INCL. AG. CHEM. 78-FWD.)	128,850	121,266	112,536	130,152	126,389	105,118
PETROLEUM PRODUCTS PURCHASED	58,027	50,966	48,440	46,079	42,515	30,946
HIRED FARM LABOR EXPENSES 2/	268,114	318,709	306,969	317,809	318,021	310,657
ALL OTHER PRODUCTION EXPENSES 3/	595,615	703,815	688,666	691,138	659,832	603,824
VALUE OF INVENTORY CHANGE	116,830	-112,720	-34,137	84,538	38,798	-26,020
LIVESTOCK	10,788	-4,812	3,134	-1,234	-1,435	-10,127
CROPS	106,042	-107,908	-37,271	85,772	40,233	-15,893
DERIVATION OF FARM LABOR AND PROPRIETORS' INCOME:						
TOTAL CASH RECEIPTS AND OTHER INCOME	1,760,094	1,934,992	1,679,621	1,785,794	1,909,628	1,858,386
LESS: TOTAL PRODUCTION EXPENSES	1,356,879	1,512,390	1,476,133	1,542,919	1,450,203	1,372,207
REALIZED NET INCOME	403,215	422,602	203,488	242,875	459,425	486,179
PLUS: VALUE OF INVENTORY CHANGE	116,830	-112,720	-34,137	84,538	38,798	-26,020
TOTAL NET INCOME INCL. CORPORATE FARMS	520,045	309,882	169,351	327,413	498,223	460,159
LESS: CORPORATE FARMS	123,114	34,572	-34,590	48,712	34,065	61,774
PLUS: STATISTICAL ADJUSTMENT	(L)	(L)	(L)	(L)	(L)	(L)
TOTAL NET FARM PROPRIETORS' INCOME	396,924	275,302	203,945	278,695	464,150	398,375
PLUS: FARM WAGES AND PERQUISITES	148,486	183,055	179,493	170,939	167,070	172,428
PLUS: FARM OTHER LABOR INCOME	18,819	20,547	21,944	22,159	21,588	21,004
TOTAL FARM LABOR AND PROPRIETORS' INCOME	564,229	478,904	405,382	471,793	652,808	591,807

1/ INCLUDES IMPUTED INCOME SUCH AS GROSS RENTAL VALUE OF DWELLINGS AND VALUE OF HOME CONSUMPTION AND OTHER FARM RELATED INCOME COMPONENTS SUCH AS MACHINE HIRE AND CUSTOM WORK INCOME, RENTAL INCOME AND INCOME FROM FOREST PRODUCTS (1978 TO PRESENT).
2/ CONSISTS OF HIRED WORKERS' CASH WAGES, SOCIAL SECURITY, PERQUISITES, AND CONTRACT LABOR, MACHINE HIRE AND CUSTOM WORK EXPENSES.
3/ INCLUDES REPAIR & OPERATION OF MACHINERY; DEPRECIATION, INTEREST, RENT & TAXES; & OTHER MISC. EXPENSES INCL. AG. CHEM. (69-77).
(L) LESS THAN $50,000. ESTIMATES ARE INCLUDED IN TOTALS.

CENSUS JOURNEY TO WORK
For States and Counties

1960, 1970, AND 1980 JOURNEY-TO-WORK EMPLOYMENT 1/
TOTAL EMPLOYMENT IN EACH INTER-COUNTY COMMUTING FLOW 2/

COUNTY OF RESIDENCE	COUNTY OF WORK	1960	1970	1980
GWINNETT, GA	DADE, FL	0	11	40
GWINNETT, GA	DUVAL, FL	0	0	23
GWINNETT, GA	BARROW, GA	131	93	233
GWINNETT, GA	CHEROKEE, GA	0	8	29
GWINNETT, GA	CLARKE, GA	0	7	107
GWINNETT, GA	CLAYTON, GA	30	149	748
GWINNETT, GA	COBB, GA	187	590	898
GWINNETT, GA	DAWSON, GA	0	15	0
GWINNETT, GA	DE KALB, GA	3,756	9,343	28,767
GWINNETT, GA	FORSYTH, GA	12	56	169
GWINNETT, GA	FULTON, GA	2,674	6,599	15,289
GWINNETT, GA	GWINNETT, GA	7,094	9,400	28,873
GWINNETT, GA	HABERSHAM, GA	0	0	13
GWINNETT, GA	HALL, GA	428	347	438
GWINNETT, GA	JACKSON, GA	0	41	65
GWINNETT, GA	MONROE, GA	0	0	24
GWINNETT, GA	ROCKDALE, GA	0	55	318
GWINNETT, GA	SPALDING, GA	0	0	25
GWINNETT, GA	WALTON, GA	129	93	335

1/ COMMUTING EMPLOYMENT TABULATIONS ARE FROM THE BUREAU OF THE CENSUS 1960, 1970, AND 1980 CENSUS' OF POPULATION AND REFLECT EDITING BY THE BUREAU OF ECONOMIC ANALYSIS.

2/ EMPLOYMENT AND AVERAGE COMMUTER'S EARNINGS AT THE MAJOR DIVISION LEVEL OF INDUSTRY DETAIL AVAILABLE FOR 1980.

Appendix C

Metropolitan Area Classification and Definitions

Effective June 1983, three basic types of metropolitan areas are recognized by the Office of Management and Budget (OMB) for Federal statistical purposes. Most of the areas are classified simply as metropolitan statistical areas (MSA's). However, if an area has more than 1 million residents and meets other criteria, it is termed a consolidated metropolitan statistical area (CMSA) consisting of two or more primary metropolitan statistical areas (PMSA's).

These areas are defined in terms of counties in all regions except New England, where cities and towns are the primary units. In this region, OMB recognizes alternative county-based definitions, termed New England county metropolitan areas (NECMA's). Because there are insufficient data to estimate personal income for New England cities and towns, the NECMA definitions are used in this publication. The Bridgeport–Stamford–Norwalk–Danbury, CT NECMA (Fairfield County) can be considered as a PMSA and a component of the New York–Northern New Jersey–Long Island, NY–NJ–CT CMSA.

This publication presents data for 337 metropolitan areas: 250 MSA's, 15 NECMA's (excluding Bridgeport), and 17 CMSA's comprising 55 PMSA's (including Bridgeport).

The geographic definition of each metropolitan area is held constant over the entire period for which the estimates are made. That is, counties included in a metropolitan area as of June 1989 are also included in each of the earlier years, even though they may not have been officially part of the metropolitan area. This concept is appropriate since the objective is a series that describes the income structure and income experience of a given area.

The importance of the metropolitan area redefinitions is underscored when one considers that metropolitan areas defined in terms of 1940 criteria accounted for only 63.5 percent of total personal income in the nation in 1984, whereas metropolitan areas as currently defined accounted for 81.6 percent of total personal income in 1984.

The alternative to adhering to the fixed-boundary concept would have been to permit the metropolitan area boundaries to vary. In theory, this alternative would be especially useful in studying the economic characteristics of the urbanized portion of the population. However, the variable-boundary concept was eliminated for several reasons. Because metropolitan areas were first defined in 1949, mainly on the basis of data from the 1940 Census of Population, the fixed-boundary concept was the only choice for the 1929–50 span, unless a major study were undertaken to delineate metropolitan areas using the 1930 and 1950 Censuses of Population. Moreover, although variable-boundary metropolitan areas (if defined according to unchanging criteria) might serve satisfactorily in measuring the national trend of urbanization for benchmark years, annual series for individual metropolitan areas would be quite erratic as boundaries were changed.

The component counties of each of the MSA's, CMSA's, PMSA's and NECMA's are listed on the following pages.

Metropolitan Statistical Areas

Abilene, TX [MSA–0040]
Taylor, Texas

Akron, OH [PMSA–0080]
Portage, Ohio
Summit, Ohio

Albany, GA [MSA–0120]
Dougherty, Georgia
Lee, Georgia

Albany–Schenectady–Troy, NY [MSA–0160]
Albany, New York
Greene, New York
Montgomery, New York
Rensselaer, New York
Saratoga, New York
Schenectady, New York

Albuquerque, NM [MSA–0200]
Bernalillo, New Mexico

Alexandria, LA [MSA–0220]
Rapides, Louisiana

Allentown–Bethlehem–Easton, PA–NJ [MSA–0240]
Warren, New Jersey
Carbon, Pennsylvania
Lehigh, Pennsylvania
Northampton, Pennsylvania

Altoona, PA [MSA–0280]
Blair, Pennsylvania

Amarillo, TX [MSA–0320]
Potter, Texas
Randall, Texas

Anaheim–Santa Ana, CA [PMSA–0360]
Orange, California

Anchorage, AK [MSA–0380]
Anchorage Borough, Alaska

Anderson, IN [MSA–0400]
Madison, Indiana

Anderson, SC [MSA–0405]
Anderson, South Carolina

Ann Arbor, MI [PMSA–0440]
Washtenaw, Michigan

Anniston, AL [MSA–0450]
Calhoun, Alabama

Appleton–Oshkosh–Neenah, WI [MSA–0460]
Calumet, Wisconsin
Outagamie, Wisconsin
Winnebago, Wisconsin

Asheville, NC [MSA–0480]
Buncombe, North Carolina

Athens, GA [MSA–0500]
Clarke, Georgia
Jackson, Georgia
Madison, Georgia
Oconee, Georgia

Atlanta, GA [MSA–0520]
Barrow, Georgia
Butts, Georgia
Cherokee, Georgia
Clayton, Georgia
Cobb, Georgia
Coweta, Georgia
De Kalb, Georgia
Douglas, Georgia
Fayette, Georgia
Forsyth, Georgia
Fulton, Georgia
Gwinnett, Georgia
Henry, Georgia
Newton, Georgia
Paulding, Georgia
Rockdale, Georgia
Spalding, Georgia
Walton, Georgia

Atlantic City, NJ [MSA–0560]
Atlantic, New Jersey
Cape May, New Jersey

Augusta, GA–SC [MSA–0600]
Columbia, Georgia
McDuffie, Georgia
Richmond, Georgia
Aiken, South Carolina

Aurora–Elgin, IL [PMSA–0620]
Kane, Illinois
Kendall, Illinois

Austin, TX [MSA–0640]
Hays, Texas
Travis, Texas
Williamson, Texas

Bakersfield, CA [MSA–0680]
Kern, California

Baltimore, MD [MSA–0720]
Anne Arundel, Maryland
Baltimore, Maryland
Carroll, Maryland
Harford, Maryland
Howard, Maryland
Queen Anne's, Maryland
Baltimore City, Maryland

Bangor, ME [NECMA–0733]
Penobscot, Maine

Baton Rouge, LA [MSA–0760]
Ascension, Louisiana
East Baton Rouge, Louisiana
Livingston, Louisiana
West Baton Rouge, Louisiana

Battle Creek, MI [MSA–0780]
Calhoun, Michigan

Beaumont–Port Arthur, TX [MSA–0840]
Hardin, Texas
Jefferson, Texas
Orange, Texas

Beaver County, PA [PMSA–0845]
Beaver, Pennsylvania

Bellingham, WA [MSA–0860]
Whatcom, Washington

Benton Harbor, MI [MSA–0870]
Berrien, Michigan

Bergen–Passaic, NJ [PMSA–0875]
Bergen, New Jersey
Passaic, New Jersey

Billings, MT [MSA–0880]
Yellowstone, Montana

Biloxi–Gulfport, MS [MSA–0920]
Hancock, Mississippi
Harrison, Mississippi

Binghamton, NY [MSA–0960]
Broome, New York
Tioga, New York

Birmingham, AL [MSA–1000]
Blount, Alabama
Jefferson, Alabama
St. Clair, Alabama
Shelby, Alabama
Walker, Alabama

Bismarck, ND [MSA–1010]
Burleigh, North Dakota
Morton, North Dakota

Bloomington, IN [MSA–1020]
Monroe, Indiana

Bloomington–Normal, IL [MSA–1040]
McLean, Illinois

Boise City, ID [MSA–1080]
Ada, Idaho

Boston–Lawrence–Salem–Lowell–Brockton, MA [NECMA–1123]
Essex, Massachusetts
Middlesex, Massachusetts
Norfolk, Massachusetts
Plymouth, Massachusetts
Suffolk, Massachusetts

Boulder–Longmont, CO [PMSA–1125]
Boulder, Colorado

Bradenton, FL [MSA–1140]
Manatee, Florida

Brazoria, TX [PMSA–1145]
Brazoria, Texas

Bremerton, WA [MSA–1150]
Kitsap, Washington

Bridgeport–Stamford–Norwalk–Danbury, CT [PMSA–1169]
Fairfield, Connecticut

Brownsville–Harlingen, TX [MSA–1240]
Cameron, Texas

Bryan–College Station, TX [MSA–1260]
Brazos, Texas

Buffalo, NY [PMSA–1280]
Erie, New York

Burlington, NC [MSA–1300]
Alamance, North Carolina

Burlington, VT [NECMA–1303]
Chittenden, Vermont
Grand Isle, Vermont

Canton, OH [MSA–1320]
Carroll, Ohio
Stark, Ohio

Casper, WY [MSA–1350]
Natrona, Wyoming

Cedar Rapids, IA [MSA–1360]
Linn, Iowa

Champaign–Urbana–Rantoul, IL [MSA–1400]
Champaign, Illinois

Charleston, SC [MSA–1440]
Berkeley, South Carolina
Charleston, South Carolina
Dorchester, South Carolina

Charleston, WV [MSA–1480]
Kanawha, West Virginia
Putnam, West Virginia

Charlotte–Gastonia–Rock Hill, NC–SC [MSA–1520]
Cabarrus, North Carolina
Gaston, North Carolina
Lincoln, North Carolina
Mecklenburg, North Carolina
Rowan, North Carolina
Union, North Carolina
York, South Carolina

Charlottesville, VA [MSA–1540]
Fluvanna, Virginia
Greene, Virginia
Albemarle + Charlottesville, Virginia

Chattanooga, TN–GA [MSA–1560]
Catoosa, Georgia
Dade, Georgia
Walker, Georgia
Hamilton, Tennessee
Marion, Tennessee
Sequatchie, Tennessee

Cheyenne, WY [MSA–1580]
Laramie, Wyoming

Chicago, IL [PMSA–1600]
Cook, Illinois
Du Page, Illinois
McHenry, Illinois

Chico, CA [MSA–1620]
Butte, California

Cincinnati, OH–KY–IN [PMSA–1640]
Dearborn, Indiana
Boone, Kentucky
Campbell, Kentucky
Kenton, Kentucky
Clermont, Ohio
Hamilton, Ohio
Warren, Ohio

Clarksville–Hopkinsville, TN–KY [MSA–1660]
Christian, Kentucky
Montgomery, Tennessee

Cleveland, OH [PMSA–1680]
Cuyahoga, Ohio
Geauga, Ohio
Lake, Ohio
Medina, Ohio

Colorado Springs, CO [MSA–1720]
El Paso, Colorado

Columbia, MO [MSA–1740]
Boone, Missouri

Columbia, SC [MSA–1760]
Lexington, South Carolina
Richland, South Carolina

Columbus, GA–AL [MSA–1800]
Russell, Alabama
Chattahoochee, Georgia
Muscogee, Georgia

Columbus, OH [MSA–1840]
Delaware, Ohio
Fairfield, Ohio
Franklin, Ohio
Licking, Ohio
Madison, Ohio
Pickaway, Ohio
Union, Ohio

Corpus Christi, TX [MSA–1880]
Nueces, Texas
San Patricio, Texas

Cumberland, MD–WV [MSA–1900]
Allegany, Maryland
Mineral, West Virginia

Dallas, TX [PMSA–1920]
Collin, Texas
Dallas, Texas

Denton, Texas
Ellis, Texas
Kaufman, Texas
Rockwall, Texas

Danville, VA [MSA–1950]
Pittsylvania + Danville, Virginia

Davenport–Rock Island–Moline, IA–IL [MSA–1960]
Henry, Illinois
Rock Island, Illinois
Scott, Iowa

Dayton–Springfield, OH [MSA–2000]
Clark, Ohio
Greene, Ohio
Miami, Ohio
Montgomery, Ohio

Daytona Beach, FL [MSA–2020]
Volusia, Florida

Decatur, AL [MSA–2030]
Lawrence, ALabama
Morgan, Alabama

Decatur, IL [MSA–2040]
Macon, Illinois

Denver, CO [PMSA–2080]
Adams, Colorado
Arapahoe, Colorado
Denver, Colorado
Douglas, Colorado
Jefferson, Colorado

Des Moines, IA [MSA–2120]
Dallas, Iowa
Polk, Iowa
Warren, Iowa

Detroit, MI [PMSA–2160]
Lapeer, Michigan
Livingston, Michigan
Macomb, Michigan
Monroe, Michigan
Oakland, Michigan
St. Clair, Michigan
Wayne, Michigan

Dothan, AL [MSA–2180]
Dale, Alabama
Houston, Alabama

Dubuque, IA [MSA–2200]
Dubuque, Iowa

Duluth, MN–WI [MSA–2240]
St. Louis, Minnesota
Douglas, Wisconsin

Eau Claire, WI [MSA–2290]
Chippewa, Wisconsin
Eau Claire, Wisconsin

El Paso, TX [MSA–2320]
El Paso, Texas

Elkhart–Goshen, IN [MSA–2330]
Elkhart, Indiana

Elmira, NY [MSA–2335]
Chemung, New York

Enid, OK [MSA–2340]
Garfield, Oklahoma

Erie, PA [MSA–2360]
Erie, Pennsylvania

Eugene–Springfield, OR [MSA–2400]
Lane, Oregon

Evansville, IN–KY [MSA–2440]
Posey, Indiana
Vanderburgh, Indiana
Warrick, Indiana
Henderson, Kentucky

Fargo–Moorhead, ND–MN [MSA–2520]
Clay, Minnesota
Cass, North Dakota

Fayetteville, NC [MSA–2560]
Cumberland, North Carolina

Fayetteville–Springdale, AR [MSA–2580]
Washington, Arkansas

Flint, MI [MSA–2640]
Genesee, Michigan

Florence, AL [MSA–2650]
Colbert, Alabama
Lauderdale, Alabama

Florence, SC [MSA–2655]
Florence, South Carolina

Fort Collins–Loveland, CO [MSA–2670]
Larimer, Colorado

Fort Lauderdale–Hollywood–Pompano Beach, FL [PMSA–2680]
Broward, Florida

Fort Myers–Cape Coral, FL [MSA–2700]
Lee, Florida

Fort Pierce, FL [MSA–2710]
Martin, Florida
St. Lucie, Florida

Fort Smith, AR–OK [MSA–2720]
Crawford, Arkansas
Sebastian, Arkansas
Sequoyah, Oklahoma

Fort Walton Beach, FL [MSA–2750]
Okaloosa, Florida

Fort Wayne, IN [MSA–2760]
Allen, Indiana
De Kalb, Indiana
Whitley, Indiana

Fort Worth–Arlington, TX [PMSA–2800]
Johnson, Texas
Parker, Texas
Tarrant, Texas

Fresno, CA [MSA–2840]
Fresno, California

Gadsden, AL [MSA–2880]
Etowah, Alabama

Gainesville, FL [MSA–2900]
Alachua, Florida
Bradford, Florida

Galveston–Texas City, TX [PMSA–2920]
Galveston, Texas

Gary–Hammond, IN [PMSA–2960]
Lake, Indiana
Porter, Indiana

Glens Falls, NY [MSA–2975]
Warren, New York
Washington, New York

Grand Forks, ND [MSA–2985]
Grand Forks, North Dakota

Grand Rapids, MI [MSA–3000]
Kent, Michigan
Ottawa, Michigan

Great Falls, MT [MSA–3040]
Cascade, Montana

Greeley, CO [MSA–3060]
Weld, Colorado

Green Bay, WI [MSA–3080]
Brown, Wisconsin

Greensboro–Winston-Salem–High Point, NC [MSA–3120]
Davidson, North Carolina
Davie, North Carolina
Forsyth, North Carolina
Guilford, North Carolina
Randolph, North Carolina
Stokes, North Carolina
Yadkin, North Carolina

Greenville–Spartanburg, SC [MSA–3160]
Greenville, South Carolina
Pickens, South Carolina
Spartanburg, South Carolina

Hagerstown, MD [MSA–3180]
Washington, Maryland

Hamilton–Middletown, OH [PMSA–3200]
Butler, Ohio

Harrisburg–Lebanon–Carlisle, PA [MSA–3240]
Cumberland, Pennsylvania
Dauphin, Pennsylvania
Lebanon, Pennsylvania
Perry, Pennsylvania

Hartford–New Britain–Middletown–Bristol, CT [NECMA–3283]
Hartford, Connecticut
Middlesex, Connecticut
Tolland, Connecticut

Hickory-Marganton, NC [MSA–3290]
Alexander, North Carolina
Burke, North Carolina
Catawba, North Carolina

Honolulu, HI [MSA–3320]
Honolulu, Hawaii

Houma–Thibodaux, LA [MSA–3350]
Lafourche, Louisiana
Terrebonne, Louisiana

Houston, TX [PMSA–3360]
Fort Bend, Texas
Harris, Texas
Liberty, Texas
Montgomery, Texas
Waller, Texas

Huntington–Ashland, WV–KY–OH [MSA–3400]
Boyd, Kentucky
Carter, Kentucky
Greenup, Kentucky
Lawrence, Ohio
Cabell, West Virginia
Wayne, West Virginia

Huntsville, AL [MSA–3440]
Madison, Alabama

Indianapolis, IN [MSA–3480]
Boone, Indiana
Hamilton, Indiana
Hancock, Indiana
Hendricks, Indiana
Johnson, Indiana
Marion, Indiana
Morgan, Indiana
Shelby, Indiana

Iowa City, IA [MSA–3500]
Johnson, Iowa

Jackson, MI [MSA–3520]
Jackson, Michigan

Jackson, MS [MSA–3560]
Hinds, Mississippi
Madison, Mississippi
Rankin, Mississippi

Jackson, TN [MSA–3580]
Madison, Tennessee

Jacksonville, FL [MSA–3600]
Clay, Florida
Duval, Florida
Nassau, Florida
St. Johns, Florida

Jacksonville, NC [MSA–3605]
Onslow, North Carolina

Jamestown-Dunkirk, NY [MSA–3610]
Chautauqua, New York

Janesville–Beloit, WI [MSA–3620]
Rock, Wisconsin

Jersey City, NJ [PMSA–3640]
Hudson, New Jersey

Johnson City–Kingsport–Bristol, TN–VA [MSA–3660]
Carter, Tennessee
Hawkins, Tennessee
Sullivan, Tennessee
Unicoi, Tennessee
Washington, Tennessee
Scott, Virginia
Washington + Bristol, Virginia

Johnstown, PA [MSA–3680]
Cambria, Pennsylvania
Somerset, Pennsylvania

Joliet, IL [PMSA–3690]
Grundy, Illinois
Will, Illinois

Joplin, MO [MSA–3710]
Jasper, Missouri
Newton, Missouri

Kalamazoo, MI [MSA–3720]
Kalamazoo, Michigan

Kankakee, IL [MSA–3740]
Kankakee, Illinois

Kansas City, MO–KS [MSA–3760]
Johnson, Kansas
Leavenworth, Kansas
Miami, Kansas
Wyandotte, Kansas
Cass, Missouri
Clay, Missouri
Jackson, Missouri
Lafayette, Missouri
Platte, Missouri
Ray, Missouri

Kenosha, WI [PMSA–3800]
Kenosha, Wisconsin

Killeen–Temple, TX [MSA–3810]
Bell, Texas
Coryell, Texas

Knoxville, TN [MSA–3840]
Anderson, Tennessee
Blount, Tennessee
Grainger, Tennessee
Jefferson, Tennessee
Knox, Tennessee
Sevier, Tennessee
Union, Tennessee

Kokomo, IN [MSA–3850]
Howard, Indiana
Tipton, Indiana

La Crosse, WI [MSA–3870]
La Crosse, Wisconsin

Lafayette, LA [MSA–3880]
Lafayette, Louisiana
St. Martin, Louisiana

Lafayette, IN [MSA–3920]
Tippecanoe, Indiana

Lake Charles, LA [MSA–3960]
Calcasieu, Louisiana

Lake County, IL [PMSA–3965]
Lake, Illinois

Lakeland–Winter Haven, FL [MSA–3980]
Polk, Florida

Lancaster, PA [MSA–4000]
Lancaster, Pennsylvania

Lansing–East Lansing, MI [MSA–4040]
Clinton, Michigan
Eaton, Michigan
Ingham, Michigan

Laredo, TX [MSA–4080]
Webb, Texas

Las Cruces, NM [MSA–4100]
Dona Ana, New Mexico

Las Vegas, NV [MSA–4120]
Clark, Nevada

Lawrence, KS [MSA–4150]
Douglas, Kansas

Lawton, OK [MSA–4200]
Comanche, Oklahoma

Lewiston–Auburn, ME [NECMA–4243]
Androscoggin, Maine

Lexington–Fayette, KY [MSA–4280]
Bourbon, Kentucky
Clark, Kentucky
Fayette, Kentucky
Jessamine, Kentucky
Scott, Kentucky
Woodford, Kentucky

Lima, OH [MSA–4320]
Allen, Ohio
Auglaize, Ohio

Lincoln, NE [MSA–4360]
Lancaster, Nebraska

Little Rock–North Little Rock, AR [MSA–4400]
Faulkner, Arkansas
Lonoke, Arkansas
Pulaski, Arkansas
Saline, Arkansas

Longview–Marshall, TX [MSA–4420]
Gregg, Texas
Harrison, Texas

Lorain–Elyria, OH [PMSA–4440]
Lorain, Ohio

Los Angeles–Long Beach, CA [PMSA–4480]
Los Angeles, California

Louisville, KY–IN [MSA–4520]
Clark, Indiana
Floyd, Indiana
Harrison, Indiana
Bullitt, Kentucky
Jefferson, Kentucky
Oldham, Kentucky
Shelby, Kentucky

Lubbock, TX [MSA–4600]
Lubbock, Texas

Lynchburg, VA [MSA–4640]
Amherst, Virginia
Campbell + Lynchburg, Virginia

Macon–Warner Robins, GA [MSA–4680]
Bibb, Georgia
Houston, Georgia
Jones, Georgia
Peach, Georgia

Madison, WI [MSA–4720]
Dane, Wisconsin

Manchester–Nashua, NH [NECMA–4763]
Hillsborough, New Hampshire

Mansfield, OH [MSA–4800]
Richland, Ohio

McAllen–Edinburg–Mission, TX [MSA–4880]
Hidalgo, Texas

Medford, OR [MSA–4890]
Jackson, Oregon

Melbourne–Titusville–Palm Bay, FL [MSA–4900]
Brevard, Florida

Memphis, TN–AR–MS [MSA–4920]
Crittenden, Arkansas
De Soto, Mississippi
Shelby, Tennessee
Tipton, Tennessee

Merced, CA [MSA–4940]
Merced, California

Miami–Hialeah, FL [PMSA–5000]
Dade, Florida

Middlesex–Somerset–Hunterdon, NJ [PMSA–5015]
Hunterdon, New Jersey
Middlesex, New Jersey
Somerset, New Jersey

Midland, TX [MSA–5040]
Midland, Texas

Milwaukee, WI [PMSA–5080]
Milwaukee, Wisconsin
Ozaukee, Wisconsin
Washington, Wisconsin
Waukesha, Wisconsin

Minneapolis–St. Paul, MN–WI [MSA–5120]
Anoka, Minnesota
Carver, Minnesota
Chisago, Minnesota
Dakota, Minnesota
Hennepin, Minnesota
Isanti, Minnesota
Ramsey, Minnesota
Scott, Minnesota
Washington, Minnesota
Wright, Minnesota
St. Croix, Wisconsin

Mobile, AL [MSA–5160]
Baldwin, Alabama
Mobile, Alabama

Modesto, CA [MSA–5170]
Stanislaus, California

Monmouth–Ocean, NJ [PMSA–5190]
Monmouth, New Jersey
Ocean, New Jersey

Monroe, LA [MSA–5200]
Ouachita, Louisiana

Montgomery, AL [MSA–5240]
Autauga, Alabama
Elmore, Alabama
Montgomery, Alabama

Muncie, IN [MSA–5280]
Delaware, Indiana

Muskegon, MI [MSA–5320]
Muskegon, Michigan

Naples, FL [MSA–5345]
Collier, Florida

Nashville, TN [MSA–5360]
Cheatham, Tennessee
Davidson, Tennessee
Dickson, Tennessee
Robertson, Tennessee
Rutherford, Tennessee
Sumner, Tennessee
Williamson, Tennessee
Wilson, Tennessee

Nassau–Suffolk, NY [PMSA–5380]
Nassau, New York
Suffolk, New York

New Bedford–Fall River–Attleboro, MA [NECMA–5403]
Bristol, Massachusetts

New Haven–Waterbury–Meriden, CT [NECMA–5483]
New Haven, Connecticut

New London–Norwich, CT [NECMA–5523]
New London, Connecticut

New Orleans, LA [MSA–5560]
Jefferson, Louisiana
Orleans, Louisiana
St. Bernard, Louisiana
St. Charles, Louisiana
St. John the Baptist, Louisiana
St. Tammany, Louisiana

New York, NY [PMSA–5600]
Bronx, New York
Kings, New York
New York, New York
Putnam, New York
Queens, New York
Richmond, New York
Rockland, New York
Westchester, New York

Newark, NJ [PMSA–5640]
Essex, New Jersey
Morris, New Jersey
Sussex, New Jersey
Union, New Jersey

Niagara Falls, NY [PMSA–5700]
Niagara, New York

Norfolk–Virginia Beach–Newport News, VA [MSA–5720]
Gloucester, Virginia
Chesapeake, Virginia
Hampton, Virginia
Newport News, Virginia
Norfolk, Virginia
Portsmouth, Virginia
Suffolk, Virginia
Virginia Beach, Virginia
James City + Williamsburg, Virginia
York + Poquoson, Virginia

Oakland, CA [PMSA–5775]
Alameda, California
Contra Costa, California

Ocala, FL [MSA–5790]
Marion, Florida

Odessa, TX [MSA–5800]
Ector, Texas

Oklahoma City, OK [MSA–5880]
Canadian, Oklahoma
Cleveland, Oklahoma
Logan, Oklahoma
McClain, Oklahoma
Oklahoma, Oklahoma
Pottawatomie, Oklahoma

Olympia, WA [MSA–5910]
Thurston, Washington

Omaha, NE–IA [MSA–5920]
Pottawattamie, Iowa
Douglas, Nebraska
Sarpy, Nebraska
Washington, Nebraska

Orange County, NY [PMSA–5950]
Orange, New York

Orlando, FL [MSA–5960]
Orange, Florida
Osceola, Florida
Seminole, Florida

Owensboro, KY [MSA–5990]
Daviess, Kentucky

Oxnard–Ventura, CA [PMSA–6000]
Ventura, California

Panama City, FL [MSA–6015]
Bay, Florida

Parkersburg–Marietta, WV–OH [MSA–6020]
Washington, Ohio
Wood, West Virginia

Pascagoula, MS [MSA–6025]
Jackson, Mississippi

Pensacola, FL [MSA–6080]
Escambia, Florida
Santa Rosa, Florida

Peoria, IL [MSA–6120]
Peoria, Illinois
Tazewell, Illinois
Woodford, Illinois

Philadelphia, PA–NJ [PMSA–6160]
Burlington, New Jersey
Camden, New Jersey
Gloucester, New Jersey
Bucks, Pennsylvania
Chester, Pennsylvania
Delaware, Pennsylvania
Montgomery, Pennsylvania
Philadelphia, Pennsylvania

Phoenix, AZ [MSA–6200]
Maricopa, Arizona

Pine Bluff, AR [MSA–6240]
Jefferson, Arkansas

Pittsburgh, PA [PMSA–6280]
Allegheny, Pennsylvania
Fayette, Pennsylvania
Washington, Pennsylvania
Westmoreland, Pennsylvania

Pittsfield, MA [NECMA–6323]
Berkshire, Massachusetts

Portland, ME [NECMA–6403]
Cumberland, Maine

Portland, OR [PMSA–6440]
Clackamas, Oregon
Multnomah, Oregon
Washington, Oregon
Yamhill, Oregon

Portsmouth–Dover–Rochester, NH [NECMA–6453]
Rockingham, New Hampshire
Strafford, New Hampshire

Poughkeepsie, NY [MSA–6460]
Dutchess, New York

Providence–Pawtucket–Woonsocket, RI [NECMA–6483]
Bristol, Rhode Island
Kent, Rhode Island
Providence, Rhode Island
Washington, Rhode Island

Provo–Orem, UT [MSA–6520]
Utah, Utah

Pueblo, CO [MSA–6560]
Pueblo, Colorado

Racine, WI [PMSA–6600]
Racine, Wisconsin

Raleigh–Durham, NC [MSA–6640]
Durham, North Carolina
Franklin, North Carolina
Orange, North Carolina
Wake, North Carolina

Rapid City, SD [MSA–6660]
Pennington, South Dakota

Reading, PA [MSA–6680]
Berks, Pennsylvania

Redding, CA [MSA–6690]
Shasta, California

Reno, NV [MSA–6720]
Washoe, Nevada

Richland–Kennewick–Pasco, WA [MSA–6740]
Benton, Washington
Franklin, Washington

Richmond–Petersburg, VA [MSA–6760]
Charles City, Virginia
Chesterfield, Virginia
Goochland, Virginia
Hanover, Virginia
Henrico, Virginia
New Kent, Virginia
Powhatan, Virginia
Richmond, Virginia
Dinwiddie, Colonial Heights + Petersburg, Virginia
Prince George + Hopewell, Virginia

Riverside–San Bernardino, CA [PMSA–6780]
Riverside, California
San Bernardino, California

Roanoke, VA [MSA–6800]
Botetourt, Virginia
Roanoke City, Virginia
Roanoke + Salem, Virginia

Rochester, MN [MSA–6820]
Olmsted, Minnesota

Rochester, NY [MSA–6840]
Livingston, New York
Monroe, New York
Ontario, New York
Orleans, New York
Wayne, New York

Rockford, IL [MSA–6880]
Boone, Illinois
Winnebago, Illinois

Sacramento, CA [MSA–6920]
El Dorado, California
Placer, California
Sacramento, California
Yolo, California

Saginaw–Bay City–Midland, MI [MSA–6960]
Bay, Michigan
Midland, Michigan
Saginaw, Michigan

St. Cloud, MN [MSA–6980]
Benton, Minnesota
Sherburne, Minnesota
Stearns, Minnesota

St. Joseph, MO [MSA–7000]
Buchanan, Missouri

St. Louis, MO–IL [MSA–7040]
Clinton, Illinois
Jersey, Illinois
Madison, Illinois
Monroe, Illinois
St. Clair, Illinois
Franklin, Missouri
Jefferson, Missouri
St. Charles, Missouri
St. Louis, Missouri
St. Louis City, Missouri

Salem, OR [MSA–7080]
Marion, Oregon
Polk, Oregon

Salinas–Seaside–Monterey, CA [MSA–7120]
Monterey, California

Salt Lake City–Ogden, UT [MSA–7160]
Davis, Utah
Salt Lake, Utah
Weber, Utah

San Angelo, TX [MSA–7200]
Tom Green, Texas

San Antonio, TX [MSA–7240]
Bexar, Texas
Comal, Texas
Guadalupe, Texas

San Diego, CA [MSA–7320]
San Diego, California

San Francisco, CA [PMSA–7360]
Marin, California
San Francisco, California
San Mateo, California

San Jose, CA [PMSA–7400]
Santa Clara, California

Santa Barbara–Santa Maria–Lompoc, CA [MSA–7480]
Santa Barbara, California

Santa Cruz, CA [PMSA–7485]
Santa Cruz, California

Santa Fe, NM [MSA–7490]
Los Alamos, New Mexico
Santa Fe, New Mexico

Santa Rosa–Petaluma, CA [PMSA–7500]
Sonoma, California

Sarasota, FL [MSA–7510]
Sarasota, Florida

Savannah, GA [MSA–7520]
Chatham, Georgia
Effingham, Georgia

Scranton–Wilkes-Barre, PA [MSA–7560]
Columbia, Pennsylvania
Lackawanna, Pennsylvania
Luzerne, Pennsylvania
Monroe, Pennsylvania
Wyoming, Pennsylvania

Seattle, WA [PMSA–7600]
King, Washington
Snohomish, Washington

Sharon, PA [MSA–7610]
Mercer, Pennsylvania

Sheboygan, WI [MSA–7620]
Sheboygan, Wisconsin

Sherman–Denison, TX [MSA–7640]
Grayson, Texas

Shreveport, LA [MSA–7680]
Bossier, Louisiana
Caddo, Louisiana

Sioux City, IA–NE [MSA–7720]
Woodbury, Iowa
Dakota, Nebraska

Sioux Falls, SD [MSA–7760]
Minnehaha, South Dakota

South Bend–Mishawaka, IN [MSA–7800]
St. Joseph, Indiana

Spokane, WA [MSA–7840]
Spokane, Washington

Springfield, IL [MSA–7880]
Menard, Illinois
Sangamon, Illinois

Springfield, MO [MSA–7920]
Christian, Missouri
Greene, Missouri

Springfield, MA [NECMA–8003]
Hampden, Massachusetts
Hampshire, Massachusetts

State College, PA [MSA–8050]
Centre, Pennsylvania

Steubenville–Weirton, OH–WV [MSA–8080]
Jefferson, Ohio
Brooke, West Virginia
Hancock, West Virginia

Stockton, CA [MSA–8120]
San Joaquin, California

Syracuse, NY [MSA–8160]
Madison, New York
Onondaga, New York
Oswego, New York

Tacoma, WA [PMSA–8200]
Pierce, Washington

Tallahassee, FL [MSA–8240]
Gadsden, Florida
Leon, Florida

Tampa–St. Petersburg–Clearwater, FL [MSA–8280]
Hernando, Florida
Hillsborough, Florida
Pasco, Florida
Pinellas, Florida

Terre Haute, IN [MSA–8320]
Clay, Indiana
Vigo, Indiana

Texarkana, TX–Texarkana, AR [MSA–8360]
Miller, Arkansas
Bowie, Texas

Toledo, OH [MSA–8400]
Fulton, Ohio
Lucas, Ohio
Wood, Ohio

Topeka, KS [MSA–8440]
Shawnee, Kansas

Trenton, NJ [PMSA–8480]
Mercer, New Jersey

Tucson, AZ [MSA–8520]
Pima, Arizona

Tulsa, OK [MSA–8560]
Creek, Oklahoma
Osage, Oklahoma
Rogers, Oklahoma
Tulsa, Oklahoma
Wagoner, Oklahoma

Tuscaloosa, AL [MSA–8600]
Tuscaloosa, Alabama

Tyler, TX [MSA–8640]
Smith, Texas

Utica–Rome, NY [MSA–8680]
Herkimer, New York
Oneida, New York

Vallejo–Fairfield–Napa, CA [PMSA–8720]
Napa, California
Solano, California

Vancouver, WA [PMSA–8725]
Clark, Washington

Victoria, TX [MSA–8750]
Victoria, Texas

Vineland–Millville–Bridgeton, NJ [PMSA–8760]
Cumberland, New Jersey

Visalia–Tulare–Porterville, CA [MSA–8780]
Tulare, California

Waco, TX [MSA–8800]
McLennan, Texas

Washington, DC–MD–VA [MSA–8840]
District of Columbia
Calvert, Maryland
Charles, Maryland
Frederick, Maryland
Montgomery, Maryland
Prince George's, Maryland
Arlington, Virginia
Loudoun, Virginia
Stafford, Virginia
Alexandria, Virginia
Fairfax, Fairfax City + Falls Church, Virginia
Prince William, Manassas + Manassas Park, Virginia

Waterloo–Cedar Falls, IA [MSA–8920]
Black Hawk, Iowa
Bremer, Iowa

Wausau, WI [MSA–8940]
Marathon, Wisconsin

West Palm Beach–Boca Raton–Delray Beach, FL [MSA–8960]
Palm Beach, Florida

Wheeling, WV–OH [MSA–9000]
Belmont, Ohio
Marshall, West Virginia
Ohio, West Virginia

Wichita, KS [MSA–9040]
Butler, Kansas
Harvey, Kansas
Sedgwick, Kansas

Wichita Falls, TX [MSA–9080]
Wichita, Texas

Williamsport, PA [MSA–9140]
Lycoming, Pennsylvania

Wilmington, DE–NJ–MD [PMSA–9160]
New Castle, Delaware
Cecil, Maryland
Salem, New Jersey

Wilmington, NC [MSA–9200]
New Hanover, North Carolina

Worcester–Fitchburg–Leominster, MA [NECMA–9243]
Worcester, Massachusetts

Yakima, WA [MSA–9260]
Yakima, Washington

York, PA [MSA–9280]
Adams, Pennsylvania
York, Pennsylvania

Youngstown–Warren, OH [MSA–9320]
Mahoning, Ohio
Trumbull, Ohio

Yuba City, CA [MSA–9340]
Sutter, California
Yuba, California

Yuma, AZ [MSA–9360]
Yuma, Arizona

Consolidated Metropolitan Statistical Areas

Buffalo–Niagara Falls, NY [CMSA–10]
Buffalo, NY [PMSA–1280]
Niagara Falls, NY [PMSA–5700]

Chicago–Gary–Lake County, IL–IN–WI [CMSA–14]
Aurora–Elgin, IL [PMSA–0620]
Chicago, IL [PMSA–1600]
Gary–Hammond, IN [PMSA–2960]
Joliet, IL [PMSA–3690]
Kenosha, WI [PMSA–3800]
Lake County, IL [PMSA–3965]

Cincinnati–Hamilton, OH–KY–IN [CMSA–21]
Cincinnati, OH–KY–IN [PMSA–1640]
Hamilton–Middletown, OH [PMSA–3200]

Cleveland–Akron–Lorain, OH [CMSA–28]
Akron, OH [PMSA–0080]
Cleveland, OH [PMSA–1680]
Lorain–Elyria, OH [PMSA–4440]

Dallas–Fort Worth, TX [CMSA–31]
Dallas, TX [PMSA–1920]
Fort Worth–Arlington, TX [PMSA–2800]

Denver–Boulder, CO [CMSA–34]
Boulder–Longmont, CO [PMSA–1125]
Denver, CO [PMSA–2080]

Detroit–Ann Arbor, MI [CMSA–35]
Ann Arbor, MI [PMSA–0440]
Detroit, MI [PMSA–2160]

Houston–Galveston–Brazoria, TX [CMSA–42]
- Brazoria, TX [PMSA–1145]
- Galveston–Texas City, TX [PMSA–2920]
- Houston, TX [PMSA–3360]

Los Angeles–Anaheim–Riverside, CA [CMSA–49]
- Anaheim–Santa Ana, CA [PMSA–0360]
- Los Angeles–Long Beach, CA [PMSA–4480]
- Oxnard–Ventura, CA [PMSA–6000]
- Riverside–San Bernardino, CA [PMSA–6780]

Miami–Fort Lauderdale, FL [CMSA–56]
- Fort Lauderdale–Hollywood–Pompano Beach, FL [PMSA–2680]
- Miami–Hialeah, FL [PMSA–5000]

Milwaukee–Racine, WI [CMSA–63]
- Milwaukee, WI [PMSA–5080]
- Racine, WI [PMSA–6600]

New York–Northern New Jersey–Long Island, NY–NJ–CT [CMSA–70]
- Bergen–Passaic, NJ [PMSA–0875]
- Bridgeport–Stamford–Norwalk–Danbury, CT [PMSA–1169]
- Jersey City, NJ [PMSA–3640]
- Middlesex–Somerset–Hunterdon, NJ [PMSA–5015]
- Monmouth–Ocean, NJ [PMSA–5190]
- Nassau–Suffolk, NY [PMSA–5380]
- New York, NY [PMSA–5600]
- Newark, NJ [PMSA–5640]
- Orange County, NY [PMSA–5950]

Philadelphia–Wilmington–Trenton, PA–NJ–DE–MD [CMSA–77]
- Philadelphia, PA–NJ [PMSA–6160]
- Trenton, NJ [PMSA–8480]
- Vineland–Millville–Bridgeton, NJ [PMSA–8760]
- Wilmington, DE–NJ–MD [PMSA–9160]

Pittsburgh–Beaver Valley, PA [CMSA–78]
- Beaver County, PA [PMSA–0845]
- Pittsburgh, PA [PMSA–6280]

Portland–Vancouver, OR–WA [CMSA–79]
- Portland, OR [PMSA–6440]
- Vancouver, WA [PMSA–8725]

San Francisco–Oakland–San Jose, CA [CMSA–84]
- Oakland, CA [PMSA–5775]
- San Francisco, CA [PMSA–7360]
- San Jose, CA [PMSA–7400]
- Santa Cruz, CA [PMSA–7485]
- Santa Rosa–Petaluma, CA [PMSA–7500]
- Vallejo–Fairfield–Napa, CA [PMSA–8720]

Seattle–Tacoma, WA [CMSA–91]
- Seattle, WA [PMSA–7600]
- Tacoma, WA [PMSA–8200]

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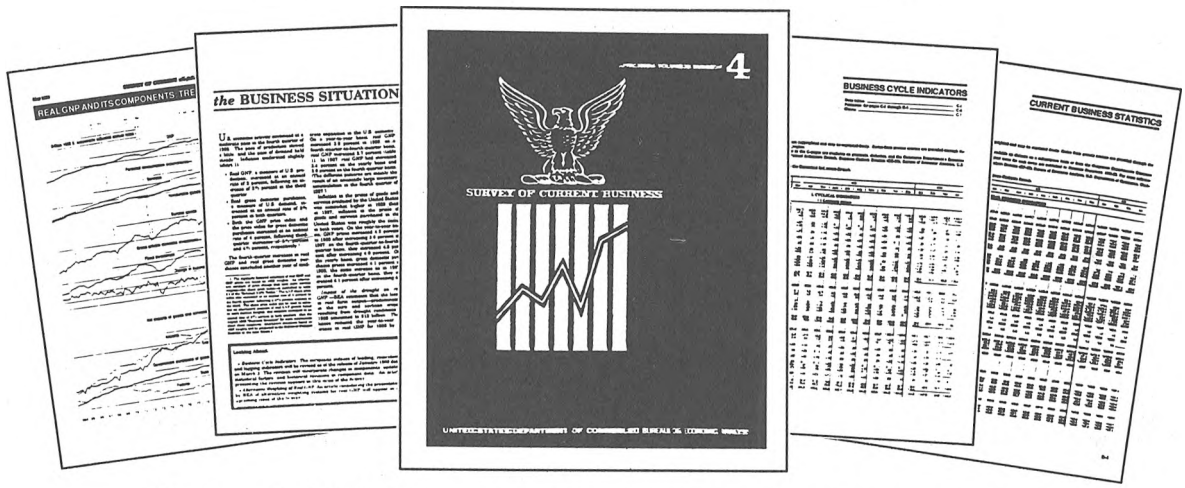

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