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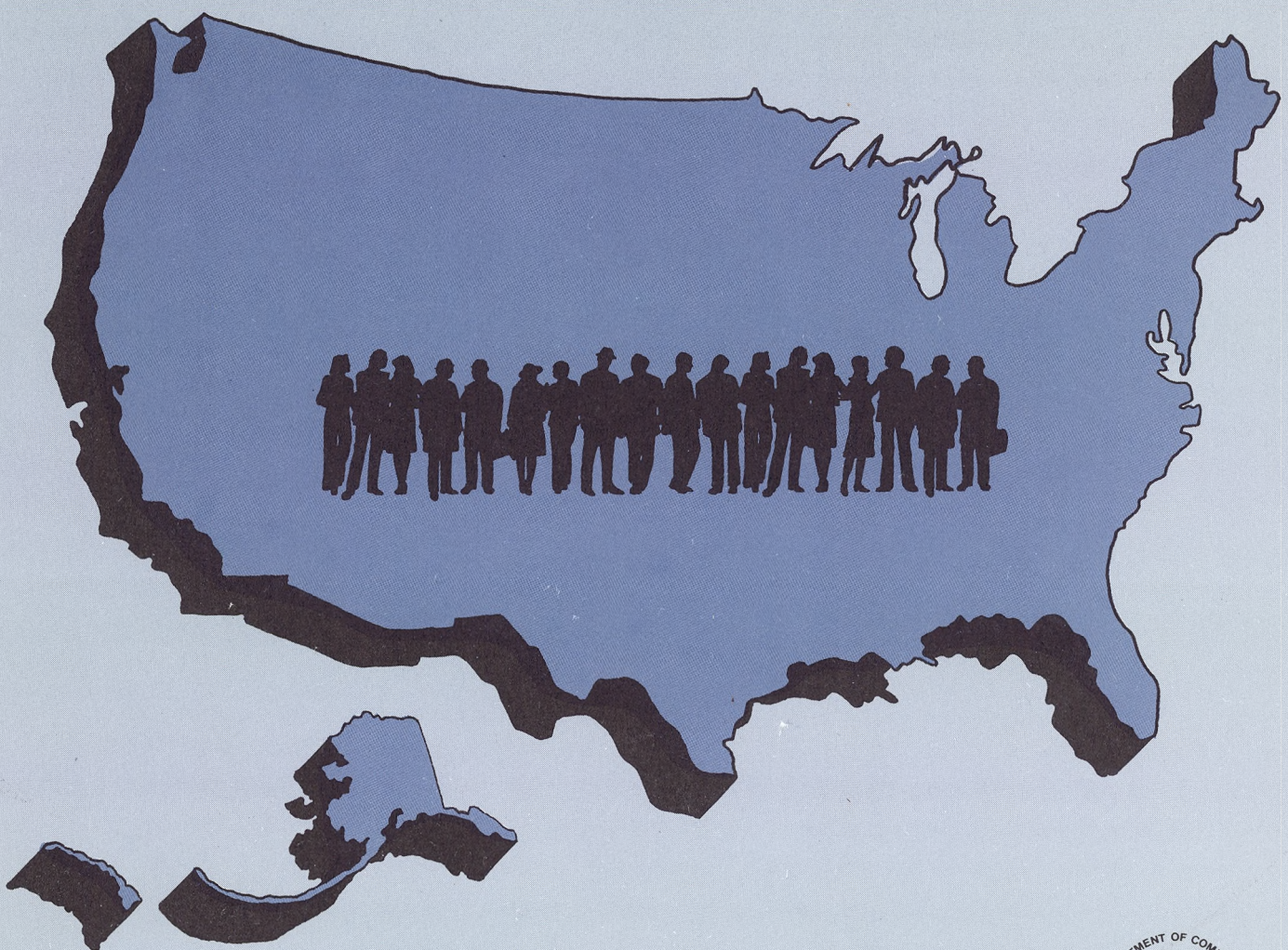
LOCAL AREA PERSONAL INCOME

VOLUME 1 • SUMMARY

1983-88



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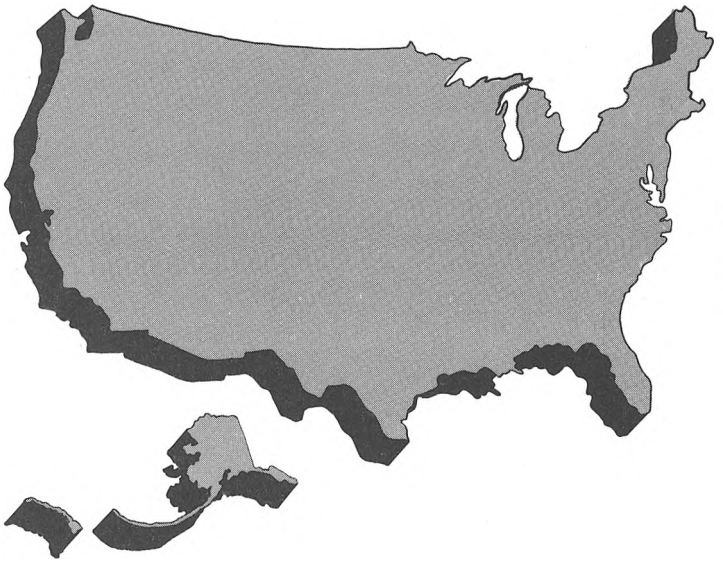

LOCAL AREA PERSONAL INCOME 1983-88

VOLUME 1

SUMMARY • *Including Methodology and Classification of Metropolitan Areas*

By • *Major Source*

For • *All States and Metropolitan Areas*

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Robert A. Mosbacher, *Secretary*
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July 1990

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Washington, DC 20402

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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 include E. Frances Bake, Carol T. Collins, 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, Chief. Major responsibilities were assigned to James M. Zavrel. Contributing staff members include Elaine M. Briccetti, Daniel R. Corrin, Richard H. Grayson, Francis G. McFaul, James P. Stehle, Isabelle B. Whiston, and Daniel Zabronsky.

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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 1983–88, 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 1969–82 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 1983 to 1988 for these areas. These volumes also present a detailed description of the source data and estimating methods used in making the 1983–1988 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 two-digit Standard Industrial Classification (SIC) 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 samples of tables available through the user group and through the BEA Regional Economic Information System, and show the county definitions of metropolitan areas and the metropolitan area classification scheme.

The other four volumes present estimates for one or more of the eight BEA regions: New England, Mideast, and Great Lakes in volume 2; Plains in volume 3; Southeast in volume 4; and Southwest, Rocky Mountain, Far West, Alaska, and Hawaii in volume 5. 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 division SIC level, but tables at the two-digit SIC 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, 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 personal income estimates. 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 a broad 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 several important ways:

(1) Personal income consists of six major components in contrast to the four major components of income payments (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 State quarterly 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 on local area measurement 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 related estimates of employment for all the metropolitan areas and almost all the counties and county equivalents except the smaller independent Virginia cities, generally those with fewer than 100,000 residents. Because the geographic coding of the source data for these small cities has proved to be unreliable, they are combined with adjacent counties in the BEA estimates.

Uses of county and metropolitan area estimates

The county and metropolitan area estimates are widely used in the public and private sectors to measure and track levels and types of incomes received by persons living or working in a county or metropolitan area. They provide a framework for the analysis of each local area's economy and serve as the basis for decision making in both the public and private sectors.

Personal income is also one of the measures used in evaluating the socioeconomic impact of public and private sector initiatives. For example, it is widely used in preparing environmental impact statements and resource management plans required by the National Environmental Policy Act of 1969 and the Federal Land Policy and Management Act of 1976.

Federal agencies use estimates of local area personal income 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 future needs for public utilities or services.

University schools of business and economics, often working under contract for State and local governments, 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 within the service region.

Businesses and labor organizations also use the estimates. For example, businesses use them to evaluate markets for new or established products and to determine areas for 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 OF CURRENT BUSINESS. 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 subject to further revision 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 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, at least the quarter immediately preceding the current quarter is revised.

Availability of the State and local area estimates

The personal income tables in this five-volume set, as well as other standard tabulations discussed below, are available from 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 prepares a limited amount of data for publication in the SURVEY and 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, and microcomputer diskette form; for further information, call (202) 523–0966. 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.) An extensive set of State-level historical estimates is published in *State Personal Income: 1929–87*.[1]

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.

BEA User Group

In addition to responding to specific data requests, BEA also makes its regional estimates available through the BEA User Group, whose members include State agencies, universities, and Census Bureau Primary State Data Centers. BEA provides its estimates of income and employment for States, metropolitan areas, and counties 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.

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 in a set of five accounts 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 (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 have in common 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 located in the United States are included in the measurement of "rest of the world." 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 included in 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 and methods of estimation

Generally, there are two kinds of information used to measure the income of persons: Information generated at the point of disbursement of the income and information elicited from the recipient. 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 surveys or censuses are not conducted by BEA; instead, BEA uses information collected by others to make its estimates of State and local area personal income.

The following are among the more important sources of the administrative record data used by BEA: 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 censuses used are the censuses of agriculture and population. The information obtained from administrative records and censuses is 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, which is extrapolated by a related series if available. The interim estimates are revised during the next estimating cycle to incorporate the newly available data.

Use of data that are not primarily designed for income measurement offers several advantages and disadvantages. The estimates of State and local area personal income can be prepared on an annual basis, in considerable detail, at relatively low cost, and without increasing the reporting burden of businesses and households. However, because the 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 information provided could be precisely tailored to subnational income estimation in terms of content and geographic detail. However, because the sample size required to obtain statistically reliable data below the national level would be large, the cost of annual preparation of the estimates in comprehensive detail would be prohibitively high.

Controls and the allocation procedure

For many components of wages and salaries and of transfer payments, the national estimates could be derived by summing county data. Because detailed geographic coding is not available for all source data and because more comprehensive and reliable information is available for the Nation as a whole, the estimates of personal income are constructed at the national level. The subnational estimates are then 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 (e.g., wages, tips, and pay-in-kind) or the product of two items (e.g., 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 adjustment of the sum of the State and county estimates to the national totals for these components is a nominal adjustment for statistical consistency.)

The use of the allocation procedure imparts the accuracy of the national totals to the State and local area estimates and allows 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

For regional economic measurement, income may be recorded either by place of work or by place of residence. Personal income, by definition, is a measure of income received; therefore, estimates of State and local area personal income reflect the residence of the income recipients. The data underlying the estimates can be viewed as falling in four groups according to place of measurement.

(1) The bulk of the source data used for the estimates of wages and salaries, other labor income, and employees' personal contributions for social insurance is 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 for 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 are treated as if also on a place-of-work basis; the place of business of the proprietorship is assumed to be the same as the place of residence of the proprietor.

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

(4) 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 are estimated from source data that are reported where the income recipients live; therefore, these data are recorded by place of residence.

Sources and Methods for the 1983–88 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 about 60 percent of total personal income at the national level in 1988. 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 current years' 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 unemployment insurance contribution reports filed with a State ESA by the employers subject to that State's UI laws. Employers usually submit separate reports for each "county reporting unit"—i.e., for the sum of all the employer's establishments in a given county separately for each industry. However, in some cases, an employer may group very small establishments in a single "statewide" report without 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 four-digit Standard Industrial Classification (SIC) 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

3. The ES-202 tabulations reflect the 1972 SIC through 1987 and the 1987 SIC for 1988. To maintain the continuity of the estimates, BEA converted the 1988 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, 1988

	Millions of dollars	Percent of total personal income
Total personal income [1]	**4,053,282**	**100.00**
Wage and salary disbursements [2]	**2,420,439**	**59.72**
Farm	8,308	.20
Agricultural services, forestry, fisheries, and other [3]	11,915	.29
Mining	24,620	.61
Construction	127,837	3.15
Manufacturing	523,995	12.93
Nondurable goods	195,532	4.82
Food and kindred products	38,050	.94
Textile mill products	13,447	.33
Apparel and other textile products	15,665	.39
Paper and allied products	21,139	.52
Printing and publishing	38,879	.96
Chemicals and allied products	38,349	.95
Petroleum and coal products	6,389	.16
Tobacco manufactures	2,019	.05
Rubber and miscellaneous plastic products	19,292	.48
Leather and leather products	2,303	.06
Durable goods	328,463	8.10
Lumber and wood products	15,278	.38
Furniture and fixtures	10,070	.25
Primary metal industries	23,910	.59
Fabricated metal products	36,834	.91
Machinery, except electrical	64,048	1.58
Electric and electronic equipment	60,408	1.49
Transportation equipment excluding motor vehicles	40,334	1.00
Motor vehicles and equipment	31,237	.77
Stone, clay, and glass products	15,683	.39
Instruments and related products	22,250	.55
Miscellaneous manufacturing industries	8,411	.21
Transportation and public utilities	160,365	3.96
Railroad transportation	11,292	.28
Trucking and warehousing	36,581	.90
Water transportation	5,035	.12
Other transportation [4]	32,972	.81
Communication	41,732	1.03
Electric, gas, and sanitary services	32,753	.81
Wholesale trade	170,142	4.20
Retail trade	240,913	5.94
Finance, insurance, and real estate	191,373	4.72
Services	523,647	12.92
Hotels and other lodging places	22,156	.55
Personal services	16,084	.40
Private households	9,172	.23
Business services	113,954	2.81
Auto repair, services, and garages	15,659	.39
Miscellaneous repair services	7,740	.19
Amusement and recreation services	14,510	.36
Motion pictures	6,378	.16
Health services	164,397	4.06
Legal services	34,716	.86
Educational services	27,202	.67
Social services	19,225	.47
Museums, botanical, and zoological gardens	830	.02
Membership organizations	24,671	.61
Miscellaneous services	46,953	1.16
Government and government enterprises	437,324	10.79
Federal civilian	89,989	2.22
Military	43,197	1.07
State and local	304,138	7.50

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.

are 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 four-digit SIC codes, for duplicate records, and for records that contain no data. A quarter-to-quarter comparison is made of average quarterly wages and employment and of 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 two-digit SIC level. However, the availability of the source data in greater detail facilitates the detection of errors and anomalies; this detail also makes it possible to isolate those three-digit SIC industries for which UI coverage is too incomplete to form a reliable basis for the estimates. In this case, the two-digit SIC 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 not covered by the UI program.

ES-202 wages 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 of the UI-based wage and salary estimates affect both the industrial and geographic patterns of State and local area personal income. The single 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-19.

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 separately for each private sector industry (generally at the two-digit SIC 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 tax returns filed by employers and one for the payrolls of employers that fail to file UI tax returns.[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 payrolls not reported by county for Federal civilian payrolls or apparently reported in the wrong counties for State government payrolls. 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 Hawaii prior to 1982 and in Virginia and Wisconsin for all years, 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 education component of State government wages and salaries is based on ES-202 data for all States. However, in six States (Illinois, Michigan, New Jersey, Rhode Island, Tennessee, and Wisconsin) the geographic coding of the ES-202 data for the noneducation component appears to attribute too much payroll and employment to the counties of the State capitals; the county estimates for these States 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. In Minnesota, the noneducation estimates prior to 1984, when improved ES-202 county reporting took effect, are based on the 1984 ES-202 data.

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 and other lodging places, 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 (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 OF CURRENT BUSINESS 64 (June 1984): 17–25.

Except for tips, these elements are exempted from 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 estimates of additional tips in industries where tipping is most customary.

A separate estimate (based on either direct data or indirect indicators) for each of the noncovered elements is made at both the national and State levels. The estimate is added to the ES-202 payroll amount in the industry of the noncovered element to produce the final estimate for that industry. County estimates are made by allocating the State total (including the noncovered element) by the distribution of ES-202 payrolls for the appropriate industry. Independent estimates of the noncovered elements are not made for counties because of the lack of relevant data.

Wages and salaries not covered by the UI program

As a result of the various amendments to the Federal Unemployment Tax Act in recent years, the number of industries that are treated as noncovered in making the State and county estimates of wage and salary disbursements has been reduced to eight: (1) Farms, (2) farm labor contractors, (3) railroads, (4) private households, (5) private elementary and secondary schools, (6) religious membership organizations, (7) military, and (8) "other." For each of 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-9.

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. County estimates of cash wages of hired farm labor are made by allocating State totals, estimated by the Department of Agriculture and adjusted to the BEA definition, by county distributions from the 1982 Census of Agriculture. In Arizona, California, New Hampshire, and Rhode Island, ES-202 wages are substituted for the census-based estimates in counties where the ES-202 amounts are higher. The 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. Because most State UI programs do not cover, or only partially cover, this industry, 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. Different procedures are used for Arizona, California, and Florida because of complete or near-complete UI coverage of farm labor contractors in those States. In Arizona and California, the ES-202 data are the basis for the estimates; in Florida, the ES-202 amount for a county is substituted for the census-based estimate when the former is higher.

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 are not available from the Railroad Retirement Board. The principal basis for the BEA county estimates of wages and salaries 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 (accounting for approximately 75 percent of all railroad employment) and a residual "all other" 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 and salaries for the metropolitan counties and 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 is the same methodology used to estimate railroad wages and salaries at the State level.) The State residuals are allocated to counties by a 1979 distribution of railroad wages and salaries by county of work derived from the 1980-census JTW data.

Private elementary and secondary schools.—In many States, this industry is only partially covered by State UI programs. In about one-half of the States, coverage is complete enough to permit 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 data on employment of private elementary and secondary schools published by State departments of education, from employment data from the Department of Education's 1980–81 survey of private elementary and secondary schools, or from 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 totals for the industry 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—base pay and allowances—of full-time military personnel and of the members of the military Reserves. The county estimates of full-time cash pay 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.

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

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.

"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 national estimates of personal income—in that "rest of the world" also includes the net flow of the wages of international border workers—i.e., U.S. residents working across the border in Canada or Mexico 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 is low, even at the national level. 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 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 separate 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 pay-in-kind of private hospitals is estimated at the State and county levels in proportion to ES-202 employment 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. At the State level, the estimates 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] At the county level, however, the estimates for elementary and secondary schools are based on the distribution of employment, and those for religious membership organizations are based on the civilian population, in the absence of more appropriate data.

For farms and for private households, the pay-in-kind estimates are for the food and lodging provided to employees. For farms, the State estimates, 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 of full-time personnel are allocated to the counties by the geographic distribution of enlisted personnel for each branch of service as reported by the DOD or by the Coast Guard. The State estimates of the pay-in-kind of 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, 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—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 approximately 6 percent of total personal income at the national level in 1988.

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 reporting 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. Kennedy 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, 1988

	Millions of dollars	Percent of total personal income
Total personal income	**4,053,282**	**100.00**
Other labor income	**228,757**	**5.64**
Employer contributions to private pension funds and private welfare funds	224,504	5.54
Private pension funds, group health insurance, group life insurance, and supplemental unemployment insurance	193,292	4.77
Privately administered workers' compensation	31,212	.77
All other [1]	4,253	.10

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

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 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. Most multiestablishment corporations file tax returns on a companywide basis, instead of separately for each establishment, and a corporation's principal office is often located in a State different from the location of its other establishments. As a result, the geographic distribution of the data tabulated from the tax returns does not 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 the individual firm with its employees or their union and 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 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, the national estimate is allocated to States and counties in proportion to 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 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; the 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 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 government transfer payments. (See the section on government transfer payments beginning on page M-15.) 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 two-digit SIC industry for the two types of payments combined. 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, county estimates of total employer contributions by industry for privately administered workers' compensation funds are prepared by allocating the State estimates in proportion to 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 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 finance, insurance, and real estate. For each two-digit SIC industry, the national estimates of directors' fees are allocated to States and counties in proportion to 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 approximately 8 percent of total personal income at the national level in 1988.

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 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 income removes the capital gains, as is appropriate for a measure of current production. Analogously, the CCAdj is 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, 1988

	Millions of dollars	Percent of total personal income
Total personal income	**4,053,282**	**100.00**
Proprietors' income [1]	**324,892**	**8.02**
Farm	36,896	.91
Nonfarm	287,996	7.11
Agricultural services, forestry, and fisheries	5,912	.15
Mining	2,888	.07
Construction	47,254	1.17
Manufacturing	6,416	.16
Transportation and public utilities	14,768	.36
Wholesale and retail trade	36,871	.91
Finance, insurance, and real estate	6,174	.15
Services	167,713	4.14
Business services	74,160	1.83
Professional and social services	93,553	2.31

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 tax returns for tax years 1981–83. The data were drawn from 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 two-digit SIC 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) accounts for about one-half of total nonfarm proprietors' income in recent years. In the State and county methodologies, the misreported income adjustment is treated separately for some industries; otherwise, all four national adjustments are reflected implicitly 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 frequently for counties than for States. The NPLL data at the county level are highly volatile for many industries, indicating

11. For 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.

that they are unreliable. The gross receipts data for manufacturing industries also proved to be unreliable at the county level.

The estimates for 14 nonmanufacturing industries (out of a total of 64 two-digit SIC industries) together usually account for more than 80 percent of total nonfarm proprietors' income. The 1981–83 State estimates for these industries were allocated 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 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 estimates for these 40 industries were extrapolated to 1984–1986 by the relative change in the number of small firms by industry as reported in *County Business Patterns*. The 1987 and 1988 estimates are given the same county distributions as the 1986 estimates.

In the absence of reliable direct data, the State estimates for each of the 21 manufacturing industries were allocated to counties in proportion to 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 companies—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 prepare the State estimates for these three industries. Collectively, the estimates of these industries, which accounted for −1.3 percent of nonfarm proprietors' income for the Nation in 1988, have little effect on county total nonfarm proprietors' income. (A large negative estimate for real estate more than offset the positive estimates for the other two industries.) 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 (i.e., 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.

Farm proprietors' income

The estimation of farm proprietors' income starts with the computation of the realized net income of all farms, 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. Also, 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's 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 and rents.

The methods used to estimate farm proprietors' income at the county level rely heavily on data obtained from the 1974, 1978, 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 12 categories of production expenses. The component detail of the intercensal year estimates varies according to the data available for each State.

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).

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 payments to farmers under several government payment programs; (4) the value of food and fuel produced and consumed on farms; (5) the gross rental value of farm dwellings; and (6) 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 includes about 150 different commodities and generally has annual production, marketing, and price data available for preparing the estimates on a State basis. However, annual county estimates of cash receipts—usually for total crops and for total livestock—are currently available for only 20 States.[15] In 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 State NASS offices, or they are calculated by straight-line interpolation between the census years and adjusted to State USDA levels.

Estimates of income from other farm-related activities are prepared from corresponding information reported by county in the censuses of agriculture. 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 separately 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 allocating series 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 by annual county 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 less defaulters' gain, and depreciation—are combined and allocated based on the "other expenses" series reported in the 1974 Census of Agriculture but not available in the 1978 and 1982 censuses. A set of provisional estimates of the major components of "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 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 expense 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. Similarly, for net rent within each State, the county distribution of rent received is different from that of rent paid. Data for both are reported in the censuses of agriculture.

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 separately for each county where appropriate, is based on the proportional division of acreage between corporate and noncorporate farms reported for each county in the censuses of agriculture. The adjusted net farm income is modified so that

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, Texas, 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 less defaulters' gain, electricity, telephone, and depreciation).

when the county estimates are summed to State totals, they will equal the related independently derived State 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 17 percent of total personal income in 1988.

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 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. The estimates for 1988 are based on the 1987 data because IMF data are not yet available for 1988. 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, as described in *State Personal Income* (see footnote 1), 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.

17. The State estimates of dividends and monetary interest are made separately 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, 1988

	Millions of dollars	Percent of total personal income
Total personal income	**4,053,282**	**100.00**
Personal dividend income, personal interest income, and rental income of persons	**688,955**	**17.00**
Personal dividend income	102,160	2.52
Personal interest income	571,142	14.09
Monetary	338,078	8.34
Imputed	233,064	5.75
Rental income of persons [1]	15,653	.39
Monetary	30,678	.76
Imputed	−15,025	−.37

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

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, 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 damage to real estate from disasters, such as hurricanes and riots, that decrease rental income. 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* (*SOI*). The *SOI*-reported amounts account for about two-thirds of the BEA national estimate of royalties. The difference between the *SOI*-reported amount and the BEA national estimate is allocated to States in proportion to the number of returns with royalties reported for each State in the *SOI*. The estimated underreported amount is added to the *SOI*-reported amount to produce the final State estimate of royalties. Because data on the county distribution of royalties 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 1988. 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 1969–88 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.

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 includes 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 (e.g., 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

Table E.—Relative Importance to Total Personal Income of Transfer Payments, by Component, United States, 1988

	Millions of dollars	Percent of total personal income
Total personal income	**4,053,282**	**100.00**
Transfer payments	**584,994**	**14.43**
Government payments to individuals	544,741	13.44
Retirement and disability insurance benefit payments	312,648	7.71
Old-age, survivors, and disability insurance payments	213,862	5.28
Railroad retirement and disability payments	6,708	.17
Federal civilian employees retirement payments	28,557	.70
Military retirement payments	19,513	.48
State and local government employee retirement payments	34,666	.86
Workers' compensation benefits	6,112	.15
Other government disability insurance payments [1]	3,230	.08
Medical payments [2]	145,203	3.58
Income maintenance benefit payments	50,156	1.24
Supplemental security income (SSI) payments	13,864	.34
Aid to families with dependent children	17,245	.43
Food stamps	11,179	.28
Other income maintenance [3]	7,868	.19
Unemployment insurance benefit payments	13,318	.33
State unemployment compensation	12,718	.31
Unemployment compensation of Federal civilian employees	148	0
Unemployment compensation of railroad employees	101	0
Unemployment compensation of veterans	129	0
Other unemployment compensation [4]	222	.01
Veterans benefit payments	16,832	.42
Veterans pension and disability benefit payments	14,417	.36
Educational assistance to veterans, dependents, and survivors [5]	667	.02
Veterans life insurance benefit payments	1,709	.04
Other assistance to veterans [6]	39	0
Federal education and training assistance payments (other than for veterans) [7]	5,779	.14
Other government payments to individuals [8]	805	.02
Payments to nonprofit institutions	16,733	.41
Federal Government payments	4,039	.10
State and local government payments [9]	7,194	.18
Business payments	5,500	.14
Business payments to individuals [10]	23,520	.58

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, 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.

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, county estimates are made by allocating the State estimates by the county distributions 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 BEA 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 the counties by the BEA county estimates of total wages and salaries, modified to exclude Federal payrolls and 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: Rhode Island, California, New York, and New Jersey. 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. 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 for payments to both groups of beneficiaries combined are allocated to counties in proportion to annual SSA county 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 payments made through intermediaries for care provided to individuals under the provisions of the medicaid program and the general assistance medical programs of State and local governments. 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 medical treatment of dependents of active duty military personnel and retired military personnel and their dependents. Only treatment at nonmilitary facilities is covered. Payments data are not available below the State level; the county estimates are based on the distribution of military retirement payments.

Income maintenance benefit payments

Supplemental security income (SSI) payments.—This component consists of payments to the aged, blind, and disabled made by both the Federal and State governments under the provisions of Title XVI of the Social Security Act. The State estimates are based on unpublished 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 for the two categories combined 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. It remains independent of SSI. 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

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.

Department of Agriculture pays 100 the 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 stamps distributed each month.

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. County payments data, available from the various State departments of social services, form the basis for the county estimates in most of these States. For the other States, the State totals are allocated to the 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 individuals and families 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 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 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 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. Although most States report benefits directly by county, 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 average number of unemployed persons during the current year as 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 number of persons unemployed during the year.

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. Where county data are available, they are used to allocate State totals. Local district office 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). Benefits are paid under a Federal formula applicable throughout the Nation 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 county distribution of railroad wages and salaries.

Unemployment compensation of veterans.—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 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

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 straight-line interpolation.

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 veterans of the post-Korean war period as reported by the DVA.

In the absence of any direct or 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 dividends paid to policyholders from the five veterans life insurance programs administered by the DVA. County estimates of the combined payments of death benefits and dividends are based on the annual county 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 county 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*.

Federal education and training assistance payments

Federal fellowship payments.—This subcomponent measures only the smaller subsistence portion of a fellowship that is paid directly to the individual. The much larger portion that is paid directly to the school is classified either as a transfer payment to a nonprofit institution or as a government grant-in-aid depending upon whether the school is privately or publicly administered.

Separate 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 State estimates to counties are constructed by classifying the institutions by county and by summing the number of recipients to 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 to the county in which each school is located. Because of the lack of direct data, the county estimates 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 estimates 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. 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 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 estimates 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. The benefit payment is a lump sum of $50,000 for each claim. Tabulations of the number of claims by city and State are available 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 under various State programs. Currently, about three-fourths of the States have instituted such programs, and the number is increasing. The State estimates are based on total compensation paid either to crime victims or to vendors on behalf of crime victims as reported by the State agencies administering the programs. The county estimates 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 actual amounts paid, supplied by the State. The borough and census area estimates are based on the distribution of the civilian population.

Other miscellaneous assistance payments.—These are benefit payments from the education exchange program 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 estimates are made in proportion to the total civilian population distribution and the Indian population distribution, respectively.

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 liability payments to individuals other than employees for personal injury, consumer bad debts (that is, defaults by consumers on debts owed to business), cash prizes, unrecovered thefts of cash and capital assets 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 estimates of business transfer 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, selected services, commercial banks, and debts to all other business combined. County estimates are made only for total consumer bad debts because of the limited availability of county data. The county estimates 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 (i.e., 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 current period. 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 included in 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, the government life insurance program for Federal civilian employees operates through private insurance carriers and is included in personal income as a component of other labor income (employer contributions to private welfare funds).

For self-employed individuals, contributions are paid annually 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 payroll 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. At the national level, place of residence is an issue only for border workers (mainly those living in the United States

Table F.—Relative Importance to Total Personal Income of Personal Contributions for Social Insurance, by Component, United States, 1988*

	Millions of dollars	Percent of total personal income
Total personal income [1]	**4,053,282**	**100.00**
Less: **Personal contributions for social insurance**	**194,177**	**4.79**
Contributions to old-age, survivors, disability, and hospital insurance	163,743	4.04
Employee contributions	148,025	3.65
Self-employed contributions	15,718	.39
Supplementary medical insurance contributions	9,378	.23
Federal civilian employee retirement contributions	4,377	.11
Railroad employee retirement contributions	1,199	.03
State and local government employee retirement contributions	12,387	.31
Veterans life insurance contributions	800	.02
State unemployment insurance and temporary disability contributions	2,293	.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.

and working in Canada or Mexico and vice versa).[20] At the State and county levels, the issue of place of residence is more significant.[21] Persons commuting between States are a major factor where metropolitan areas extend across State boundaries—for example, the Washington, DC-MD-VA MSA. Persons 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, seasonal, and short-term 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 attempts to assign the wages of these workers to the area in which they reside while performing the work.[22] 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 place of residence of a farm proprietor is considered to be identical to the place of work.

The remaining three major components—wages and salaries, other labor income (OLI), and personal contributions for social insurance—are, with minor exceptions, estimated from data that are reported 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 adjustments for 1981 and later years are based on those for 1980. Estimation of these adjustments can be most readily understood in the case of a two-county area, counties X and Y. The two-county case is easily generalized to more complex situations.

For 1980, the initial residence adjustment 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):

$$RA_x = IN_x - OUT_x.$$

IN_x and OUT_x were estimated 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. Analagously, 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 1980-census journey-to-work (JTW) data on the number of wage and salary workers (w) and on their average earnings (e) by county of work for each county of residence:[23]

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

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

Where two subscripts are used, the first identifies place of residence, and the second identifies place of work. Thus, 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 income subject to adjustment in the particular industry in county 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:

$$IN_x = \sum in_x$$

$$OUT_x = \sum out_x.$$

20. As explained in the Overview, U.S. residents working abroad for U.S. firms or for the U.S. Government are included in the national measure of personal income, but they are excluded from State and local area personal income.

21. 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.

22. 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 selected groups of border workers. The wages of these workers are assigned to their permanent place of residence.

23. 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 Federal civilian and military separate) 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 retirement; and (4) State and local government 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.

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.[24] 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. The BEA cluster total was then redistributed among the constituent counties 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 judgmentally 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. In eight county equivalents, however, the initial 1979 estimates yielded BEA place-of-residence wage and salary totals too much higher than the comparable census data to be taken as representing 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:

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

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, cluster totals of place-of-residence ISA (ISA plus net residence adjustment) are derived and then distributed to the constituent counties 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 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 primarily to U.S. residents working in Canada and to Canadian and Mexican residents working in the United States. Border workers also refers to residents of other countries working in the United States and to certain U.S. residents working in Mexico or overseas; however, of these groups, only the seasonal farm workers from the Caribbean area and U.S. residents working in the United Kingdom are numerous enough for their earnings to be included in the estimates.

In the national income and product accounts (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 interna-

24. 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.

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-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 change in BEA State wages and to the change in county population.

tional 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. Department of Labor data on numbers of authorized seasonal workers by State are the basis for allocating the national outflow of earnings of Caribbean farm workers.

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 the amount of forest product employment 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.

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. The population is measured as of July 1, except for the college student population, which is measured as of April 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 these projects attract 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 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 is changing rapidly. Population is measured at midyear, whereas income is measured as a flow over the year; therefore, a significant change in population during the year can cause a distortion in the per capita personal income estimates, particularly if the change occurs around midyear.

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, although included in current gross farm income, 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 at regulating their cash flows by adjusting inventories are not reflected in BEA's farm proprietors' income estimates. However, this regulation of cash flows by farmers, by extending their earnings cycle, helps them to survive losses or lowered income for 2 or 3 years. In sparsely populated counties that are very dependent on farming, the per capita personal income will react more sharply to vagarious weather, world market demand, and changing government policies related to agriculture than that in 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 appear 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 Bureau of the Census, also differs from personal income. Money income is measured before the deduction of personal contributions for social insurance, and it 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—income from private pensions and annuities and from interpersonal transfers, such as child support. Money income is prepared decennially on the basis of a sample survey conducted as part of the census of population by the Bureau of the Census. Postcensal estimates are made biennially using IRS data and components of State and county personal income, adjusted to a money income concept, to extrapolate the estimate from the most recent census.

28. A more detailed discussion is presented in Thae S. Park, "Relationship Between Personal Income and Adjusted Gross Income: Revised Estimates, 1947–83," SURVEY 66 (May 1986): 34–40; Park, "1983–85," SURVEY 67 (May 1987): 18–20; Park and Jane S. Reeb, "1984–86," SURVEY 68 (August 1988): 23–27; Park, "Revised Estimates, 1985–87," SURVEY 69 (August 1989): 30–32.

BEA and the Bureau of the Census prepare per capita estimates of personal and money income, respectively. In addition to these differences in income definitions, substantial differences between the per capita measures may also arise from differences in the method of computation. 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 its 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 to BEA in terms of time and labor), 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 sources—major errors in the source materials. At some stages of the estimating process, the data are arrayed in tables and printouts 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 and the companion employment series. This routine flags the county wage and employment data for an SIC division when the year-to-year change in the implicit average wage deviates excessively from the corresponding change for the 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 some years (benchmarks) than for others. Interpolation is used to derive estimates between benchmarks; extrapolation is used to derive estimates beyond benchmarks.

"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 procedure 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 these 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 State totals by allocation (not shown).

29. The Census Bureau uses this method because in the decennial census the income question relates to 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 two-digit SIC 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 county ES-202 data files from the State employment security agencies (ESA's), through the Bureau of Labor Statistics, at the four-digit SIC 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 two-digit SIC estimates of wage and salary disbursements—based mainly on the ES-202 data—BEA examines the 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, thus dominating the cell. For the first type, the ES-202 files that BEA receives contain reporting-unit information that permits determination of the number of firms in each cell. For the second type, cells at the four-digit SIC level containing dominant-firm disclosures are identified by the State ESA's using 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 this information, BEA identifies the two-digit SIC 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 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 two-digit SIC 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 suppressions are additional industry cells that are suppressed to prevent indirect disclosure of the primary (two-digit SIC) disclosure cells through subtraction from higher level industry totals. Complementary suppressions are additional geographic units for the same industry that are suppressed 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 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 two-digit industries rather than the higher level industry division total. Likewise, if possible, additional counties 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 suppressions, the actual metropolitan area total is shown. (2) If the dollar amount of county suppressions is small relative to the sum of 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 suppressions is large enough to impair the usefulness of the partial total, the entire amount is suppressed, and a "(D)" is shown.

30. Other examples of administrative record files used for State and local area income estimation that contain information about individuals are those from the Social Security Administration and from the Department of Veterans Affairs. These files are summarized to aggregate totals by program and county, and each county record or cell contains enough individuals to preclude the identification of any single person.

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 cell containing sensitive information with 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 ..... Metroplitan 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)

SOI ..... *Statistics of Income* (published by the IRS)

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 measured as 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 IRS 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 Bureau data, BEA often publishes its State estimates aggregated into 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, HI; the Montana portion of Yellowstone National Park; Menominee County, WI; 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. Among the components of personal income, an IVA is needed only for nonfarm 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 of their operating costs by selling 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 had 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 (i.e., 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 shown 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 shown 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. Examples 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 includes 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 includes tuitions and fees paid to schools and hospitals operated by government; fees, fines, and forfeitures; and donations. Personal contributions for social insurance are not included in personal tax and nontax payments.

Proprietors' income with inventory valuation and capital consumption adjustments.—This component of personal income 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 shown 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 (e.g., manufacturing); major groups, or two-digit levels (e.g., food and kindred products); three-digit levels (e.g., meat products); and four-digit levels (e.g., 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, transfer payments are 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, 1983–88

[Thousands of dollars]

	1983	1984	1985	1986	1987	1988
Income by Place of Residence						
Total personal income	**2,834,385,000**	**3,101,163,000**	**3,317,545,000**	**3,519,364,000**	**3,766,092,000**	**4,053,282,000**
Nonfarm personal income	2,810,605,000	3,062,893,000	3,278,621,000	3,475,076,000	3,718,746,000	4,007,461,000
Farm income[1]	23,780,000	38,270,000	38,924,000	44,288,000	47,346,000	45,821,000
Population (thousands)[2]	234,253.7	236,438.9	238,697.6	241,104.0	243,416.4	245,803.3
Per capita personal income (dollars)	**12,100**	**13,116**	**13,899**	**14,597**	**15,472**	**16,490**
Derivation of total personal income						
Total earnings by place of work	2,036,246,000	2,247,918,000	2,410,587,000	2,568,701,000	2,761,840,000	2,974,088,000
Less: Personal contributions for social insurance[3]	119,573,000	132,182,000	148,710,000	161,241,000	172,261,000	194,177,000
Plus: Adjustment for residence[4]	-553,000	-510,000	-534,000	-515,000	-543,000	-578,000
Equals: Net earnings by place of residence	1,916,120,000	2,115,226,000	2,261,343,000	2,406,945,000	2,589,036,000	2,779,333,000
Plus: Dividends, interest, and rent[5]	474,974,000	528,785,000	565,947,000	590,593,000	628,530,000	688,955,000
Plus: Transfer payments	443,291,000	457,152,000	490,255,000	521,826,000	548,526,000	584,994,000
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,669,402,000	1,831,472,000	1,967,172,000	2,086,526,000	2,240,691,000	2,420,439,000
Other labor income	173,465,000	182,822,000	187,427,000	199,144,000	212,673,000	228,757,000
Proprietors' income[6]	193,379,000	233,624,000	255,988,000	283,031,000	308,476,000	324,892,000
Farm	14,933,000	29,583,000	30,340,000	35,807,000	38,435,000	36,896,000
Nonfarm	178,446,000	204,041,000	225,648,000	247,224,000	270,041,000	287,996,000
Earnings by industry:						
Farm	23,780,000	38,270,000	38,924,000	44,288,000	47,346,000	45,821,000
Nonfarm	2,012,466,000	2,209,648,000	2,371,663,000	2,524,413,000	2,714,494,000	2,928,267,000
Private	1,678,141,000	1,852,464,000	1,987,497,000	2,118,098,000	2,280,239,000	2,463,289,000
Agricultural services, forestry, fisheries, and other[7]	11,257,000	11,244,000	12,282,000	13,066,000	16,424,000	18,399,000
Agricultural services	9,088,000	9,550,000	9,958,000	10,328,000	13,803,000	15,527,000
Forestry, fisheries, and other[7]	2,169,000	1,694,000	2,324,000	2,738,000	2,621,000	2,872,000
Mining	36,858,000	38,944,000	40,170,000	31,986,000	29,667,000	30,709,000
Coal mining	7,687,000	8,482,000	8,183,000	7,886,000	7,176,000	6,947,000
Oil and gas extraction	24,432,000	25,536,000	27,206,000	19,187,000	17,288,000	17,956,000
Metal mining	1,997,000	1,927,000	1,685,000	1,563,000	1,808,000	2,163,000
Nonmetallic minerals, except fuels	2,742,000	2,999,000	3,096,000	3,350,000	3,395,000	3,643,000
Construction	123,714,000	141,180,000	152,686,000	165,957,000	177,980,000	190,566,000
Manufacturing	461,717,000	507,783,000	529,291,000	545,560,000	565,972,000	603,483,000
Nondurable goods	173,929,000	184,354,000	190,626,000	199,181,000	209,798,000	223,576,000
Food and kindred products	35,923,000	37,045,000	38,131,000	39,899,000	41,614,000	43,690,000
Textile mill products	12,288,000	12,610,000	12,250,000	13,121,000	14,266,000	14,712,000
Apparel and other textile products	14,794,000	15,872,000	15,684,000	16,063,000	16,535,000	17,531,000
Paper and allied products	18,366,000	19,927,000	20,665,000	21,671,000	22,761,000	23,996,000
Printing and publishing	28,617,000	31,450,000	34,205,000	36,468,000	39,426,000	42,950,000
Chemicals and allied products	33,457,000	35,153,000	37,084,000	38,866,000	40,482,000	44,358,000
Petroleum and coal products	9,629,000	9,307,000	9,229,000	8,959,000	8,861,000	9,136,000
Tobacco manufactures	2,139,000	2,129,000	2,215,000	2,221,000	2,334,000	2,480,000
Rubber and miscellaneous plastic products	15,785,000	18,075,000	18,632,000	19,515,000	21,076,000	22,138,000
Leather and leather products	2,931,000	2,786,000	2,531,000	2,398,000	2,443,000	2,585,000
Durable goods	287,788,000	323,429,000	338,665,000	346,379,000	356,174,000	379,907,000
Lumber and wood products	13,175,000	14,634,000	15,180,000	16,377,000	17,918,000	19,224,000
Furniture and fixtures	7,709,000	8,793,000	9,295,000	9,750,000	10,656,000	11,320,000
Primary metal industries	26,580,000	29,016,000	27,203,000	26,283,000	26,546,000	29,044,000
Fabricated metal products	33,808,000	37,740,000	39,679,000	40,090,000	40,587,000	42,557,000
Machinery, except electrical	55,838,000	63,324,000	66,086,000	65,234,000	66,885,000	73,123,000
Electric and electronic equipment	51,328,000	58,566,000	61,788,000	62,928,000	64,244,000	67,153,000
Transportation equip. excl. motor vehicles	32,336,000	35,415,000	39,016,000	42,825,000	45,428,000	47,039,000
Motor vehicles and equipment	27,098,000	32,686,000	35,684,000	36,227,000	35,780,000	37,861,000
Stone, clay, and glass products	14,120,000	15,433,000	15,838,000	16,405,000	16,951,000	18,034,000
Instruments and related products	18,259,000	19,447,000	20,580,000	21,725,000	22,090,000	24,712,000
Miscellaneous manufacturing industries	7,537,000	8,375,000	8,316,000	8,535,000	9,089,000	9,840,000
Transportation and public utilities	153,199,000	164,713,000	172,146,000	179,697,000	190,436,000	200,115,000
Railroad transportation	13,109,000	13,884,000	13,434,000	12,755,000	12,524,000	12,059,000
Trucking and warehousing	35,862,000	41,059,000	41,747,000	44,088,000	47,721,000	51,181,000
Water transportation	5,027,000	5,262,000	5,306,000	5,143,000	5,200,000	5,486,000
Other transportation[8]	26,539,000	28,485,000	30,627,000	33,940,000	36,968,000	40,261,000
Communication	44,085,000	44,579,000	46,477,000	47,086,000	50,917,000	52,209,000
Electric, gas, and sanitary services	28,577,000	31,444,000	34,555,000	36,685,000	37,106,000	38,919,000
Wholesale trade	131,008,000	145,784,000	156,910,000	164,567,000	176,634,000	193,911,000
Retail trade	203,508,000	219,754,000	234,226,000	248,963,000	264,419,000	283,730,000
Finance, insurance, and real estate	128,867,000	140,660,000	155,069,000	176,468,000	200,067,000	216,105,000
Banking and credit agencies	47,148,000	51,620,000	55,749,000	62,307,000	67,260,000	71,527,000
Other finance, insurance, and real estate[9]	81,719,000	89,040,000	99,320,000	114,161,000	132,807,000	144,578,000
Services	428,013,000	482,402,000	534,717,000	591,834,000	658,640,000	726,271,000
Hotels and other lodging places	14,706,000	16,129,000	17,646,000	18,763,000	21,157,000	23,312,000
Personal services	18,995,000	20,332,000	24,824,000	26,880,000	28,787,000	31,417,000
Private households	7,828,000	8,763,000	8,863,000	8,907,000	9,019,000	9,177,000
Business services	83,829,000	99,649,000	115,408,000	128,979,000	144,412,000	160,812,000
Auto repair, services, and garages	17,082,000	19,984,000	22,389,000	24,299,000	25,975,000	28,469,000
Miscellaneous repair services	8,506,000	10,015,000	9,697,000	10,596,000	11,086,000	12,651,000
Amusement and recreation services	10,523,000	11,816,000	13,036,000	14,673,000	16,342,000	17,978,000
Motion pictures	4,303,000	5,555,000	6,247,000	6,633,000	7,214,000	7,711,000
Health services	136,474,000	146,691,000	159,020,000	172,682,000	197,006,000	215,152,000
Legal services	32,238,000	38,516,000	42,867,000	49,415,000	55,225,000	62,377,000
Educational services	19,208,000	21,291,000	23,204,000	25,015,000	27,321,000	29,976,000
Social services	11,135,000	12,383,000	13,868,000	15,556,000	17,432,000	19,733,000
Museums, botanical, zoological gardens	482,000	529,000	597,000	701,000	778,000	881,000
Membership organizations	18,827,000	19,977,000	20,895,000	22,137,000	23,661,000	25,822,000
Miscellaneous services	43,877,000	50,772,000	56,156,000	66,598,000	73,225,000	80,803,000
Government and government enterprises	334,325,000	357,184,000	384,166,000	406,315,000	434,255,000	464,978,000
Federal, civilian	75,150,000	79,798,000	84,437,000	84,602,000	89,922,000	97,053,000
Military	34,393,000	36,396,000	38,786,000	40,607,000	42,372,000	43,197,000
State and local	224,782,000	240,990,000	260,943,000	281,106,000	301,961,000	324,728,000

See footnotes at end of tables.

Table 1.—Personal Income for the United States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	United States (Metropolitan portion)					
	1983	1984	1985	1986	1987	1988
Income by Place of Residence						
Total personal income	**2,312,415,399**	**2,530,441,956**	**2,717,768,511**	**2,888,281,782**	**3,099,896,742**	**3,344,112,353**
Nonfarm personal income	2,301,516,499	2,515,831,441	2,702,776,309	2,871,789,351	3,082,666,198	3,327,175,300
Farm income[1]	10,898,900	14,610,515	14,992,202	16,492,431	17,230,544	16,937,053
Population (thousands)[2]	179,217.5	181,105.7	183,176.0	185,473.6	187,647.6	189,774.1
Per capita personal income (dollars)	**12,903**	**13,972**	**14,837**	**15,572**	**16,520**	**17,622**
Derivation of total personal income						
Total earnings by place of work	1,714,024,178	1,888,760,213	2,036,542,127	2,174,820,927	2,342,948,716	2,529,836,792
Less: Personal contributions for social insurance[3]	101,117,958	111,969,929	126,511,993	137,665,254	147,253,460	166,025,869
Plus: Adjustment for residence[4]	-22,940,733	-25,669,193	-28,263,599	-30,660,678	-33,350,914	-35,792,882
Equals: Net earnings by place of residence	1,589,965,487	1,751,121,091	1,881,766,535	2,006,494,995	2,162,344,342	2,328,018,041
Plus: Dividends, interest, and rent[5]	381,166,283	427,081,465	458,245,376	479,575,641	514,071,292	564,056,426
Plus: Transfer payments	341,283,629	352,239,400	377,756,600	402,211,146	423,481,108	452,037,886
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,421,300,209	1,563,360,689	1,687,061,699	1,796,237,094	1,933,140,451	2,091,856,174
Other labor income	147,443,877	155,589,553	160,231,520	170,664,261	182,397,418	196,278,679
Proprietors' income[6]	145,280,092	169,809,971	189,248,908	207,919,572	227,410,847	241,701,939
Farm	6,784,616	10,573,273	10,976,185	12,501,527	13,007,771	12,673,164
Nonfarm	138,495,476	159,236,698	178,272,723	195,418,045	214,403,076	229,028,775
Earnings by industry:						
Farm	10,898,900	14,610,515	14,992,202	16,492,431	17,230,544	16,937,053
Nonfarm	1,703,125,278	1,874,149,698	2,021,549,925	2,158,328,496	2,325,718,172	2,512,899,739
Private	1,428,143,982	1,579,969,827	1,704,955,170	1,823,284,588	1,967,099,164	2,128,554,331
Agricultural services, forestry, fisheries, and other[7]	7,895,056	8,113,919	8,998,218	9,784,972	12,143,096	13,656,167
Agricultural services	6,673,039	7,134,139	7,610,226	8,064,578	10,495,240	11,847,217
Forestry, fisheries, and other[7]	1,222,017	979,780	1,387,992	1,720,394	1,647,856	1,808,950
Mining	21,961,285	23,074,353	24,591,366	18,645,407	17,079,506	17,877,585
Coal mining	1,805,591	1,985,374	1,923,973	1,822,661	1,551,859	1,486,490
Oil and gas extraction	17,926,835	18,758,129	20,427,323	14,460,263	12,957,457	13,594,597
Metal mining	793,851	739,236	567,101	486,966	656,488	748,537
Nonmetallic minerals, except fuels	1,435,008	1,591,614	1,672,969	1,875,517	1,913,702	2,047,961
Construction	101,670,248	116,849,521	127,605,421	140,111,232	150,572,241	161,849,995
Manufacturing	384,157,359	422,056,124	441,793,199	453,983,180	468,887,974	499,889,893
Nondurable goods	137,916,350	146,223,088	151,678,114	158,110,064	166,365,030	178,043,215
Food and kindred products	27,809,096	28,640,173	29,424,297	30,672,195	31,862,412	33,481,945
Textile mill products	6,828,710	6,999,306	6,726,094	7,045,609	7,613,853	7,893,282
Apparel and other textile products	10,388,922	11,144,667	11,054,823	11,323,994	11,629,535	12,392,582
Paper and allied products	13,122,930	14,208,942	14,654,906	15,249,908	16,074,997	17,011,851
Printing and publishing	25,821,221	28,427,299	30,913,114	32,933,678	35,638,133	38,886,444
Chemicals and allied products	29,228,203	30,778,869	32,596,833	34,279,684	35,792,850	39,340,368
Petroleum and coal products	8,545,569	8,239,865	8,203,549	7,941,747	7,826,870	8,071,461
Tobacco manufactures	1,989,073	1,983,431	2,073,987	2,075,453	2,171,132	2,294,826
Rubber and miscellaneous plastic products	12,177,193	13,878,746	14,292,421	14,926,531	16,085,776	16,871,179
Leather and leather products	2,005,433	1,921,790	1,738,090	1,661,265	1,669,472	1,799,277
Durable goods	246,241,009	275,833,036	290,115,085	295,873,116	302,522,944	321,846,678
Lumber and wood products	5,934,495	6,660,842	7,011,132	7,658,734	8,423,101	9,109,140
Furniture and fixtures	5,510,572	6,310,281	6,678,370	6,913,650	7,521,871	7,950,994
Primary metal industries	22,395,138	24,024,041	22,456,465	21,566,608	21,761,004	23,815,666
Fabricated metal products	29,005,354	32,216,404	33,742,843	34,004,047	34,230,580	35,777,073
Machinery, except electrical	48,064,468	54,280,980	56,909,003	56,046,603	57,262,793	62,489,573
Electric and electronic equipment	45,680,624	52,091,869	55,369,982	56,267,130	57,247,171	59,873,126
Transportation equip. excl. motor vehicles	30,578,396	33,432,086	36,951,933	40,484,769	42,849,866	44,106,526
Motor vehicles and equipment	24,911,740	29,875,080	32,722,262	32,993,366	32,229,502	33,877,831
Stone, clay, and glass products	10,548,815	11,552,885	11,877,976	12,307,924	12,682,539	13,570,174
Instruments and related products	17,078,430	18,154,803	19,237,344	20,281,216	20,481,901	22,826,293
Miscellaneous manufacturing industries	6,532,977	7,233,765	7,157,775	7,349,069	7,832,616	8,450,282
Transportation and public utilities	129,761,704	139,000,976	145,813,950	151,579,616	161,275,408	169,785,102
Railroad transportation	9,755,034	10,399,421	9,969,195	9,510,371	9,305,858	8,906,999
Trucking and warehousing	28,270,960	32,012,235	32,913,186	34,855,064	37,801,873	40,722,849
Water transportation	4,555,476	4,760,814	4,777,873	4,670,878	4,716,946	4,956,020
Other transportation[8]	25,243,995	27,113,690	29,253,821	32,326,983	35,266,181	38,385,496
Communication	39,735,481	40,287,607	42,319,095	42,631,704	46,122,097	47,310,563
Electric, gas, and sanitary services	22,200,758	24,427,209	26,580,780	27,584,616	28,062,453	29,503,175
Wholesale trade	117,612,934	131,323,355	141,968,389	149,556,026	160,657,163	176,606,982
Retail trade	168,664,749	183,086,863	195,991,170	209,269,883	222,789,111	238,987,429
Finance, insurance, and real estate	118,568,760	129,627,580	143,692,928	164,211,462	186,669,868	201,881,495
Banking and credit agencies	41,198,131	45,276,169	49,180,896	55,392,576	60,072,997	64,074,544
Other finance, insurance, and real estate[9]	77,370,629	84,351,411	94,512,032	108,818,886	126,596,871	137,806,951
Services	377,851,887	426,837,136	474,500,529	526,142,810	587,024,797	648,019,683
Hotels and other lodging places	12,133,460	13,373,622	14,756,112	15,737,540	17,832,489	19,628,573
Personal services	15,849,346	17,016,784	20,578,224	22,317,874	23,942,470	26,158,762
Private households	6,282,506	7,037,556	7,122,276	7,162,048	7,257,383	7,389,118
Business services	77,610,725	92,246,130	106,951,377	119,748,463	134,431,631	149,744,633
Auto repair, services, and garages	14,123,822	16,513,780	18,520,389	20,142,729	21,611,529	23,661,804
Miscellaneous repair services	6,966,865	8,186,786	8,058,798	8,755,291	9,171,825	10,450,006
Amusement and recreation services	9,426,230	10,600,197	11,643,697	13,117,569	14,650,381	16,206,255
Motion pictures	4,200,965	5,421,161	6,108,560	6,489,579	7,078,583	7,565,855
Health services	118,679,838	127,828,095	138,829,271	150,976,320	172,677,845	188,721,429
Legal services	29,861,944	35,668,184	39,787,180	45,949,104	51,587,601	58,346,714
Educational services	17,383,273	19,287,167	21,036,518	22,676,497	24,769,508	27,222,604
Social services	9,497,726	10,582,735	11,911,718	13,424,557	15,056,401	17,059,820
Museums, botanical, zoological gardens	460,685	505,241	565,880	666,019	738,950	835,880
Membership organizations	15,608,196	16,609,888	17,490,855	18,600,710	19,922,475	21,797,658
Miscellaneous services	39,766,306	45,959,810	51,139,674	60,378,510	66,295,726	73,230,572
Government and government enterprises	274,981,296	294,179,871	316,594,755	335,043,908	358,619,008	384,345,408
Federal, civilian	65,773,813	69,956,686	74,029,080	74,236,793	78,888,585	85,222,385
Military	28,771,733	30,506,394	32,562,669	34,085,584	35,452,713	36,111,314
State and local	180,435,750	193,716,791	210,003,006	226,721,531	244,277,710	263,011,709

See footnotes at end of tables.

Table 1.—Personal Income for the United States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	United States (Nonmetropolitan portion)					
	1983	1984	1985	1986	1987	1988
Income by Place of Residence						
Total personal income	**521,969,601**	**570,721,044**	**599,776,489**	**631,082,218**	**666,195,258**	**709,169,647**
Nonfarm personal income	509,088,501	547,061,559	575,844,691	603,286,649	636,079,802	680,285,700
Farm income[1]	12,881,100	23,659,485	23,931,798	27,795,569	30,115,456	28,883,947
Population (thousands)[2]	55,036.2	55,333.1	55,521.6	55,630.4	55,768.8	56,029.1
Per capita personal income (dollars)	**9,484**	**10,314**	**10,803**	**11,344**	**11,946**	**12,657**
Derivation of total personal income						
Total earnings by place of work	322,221,822	359,157,787	374,044,873	393,880,073	418,891,284	444,251,208
Less: Personal contributions for social insurance[3]	18,455,042	20,212,071	22,198,007	23,575,746	25,007,540	28,151,131
Plus: Adjustment for residence[4]	22,387,733	25,159,193	27,729,599	30,145,678	32,807,914	35,214,882
Equals: Net earnings by place of residence	326,154,513	364,104,909	379,576,465	400,450,005	426,691,658	451,314,959
Plus: Dividends, interest, and rent[5]	93,807,717	101,703,535	107,701,624	111,017,359	114,458,708	124,898,574
Plus: Transfer payments	102,007,371	104,912,600	112,498,400	119,614,854	125,044,892	132,956,114
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	248,101,791	268,111,311	280,110,301	290,288,906	307,550,549	328,582,826
Other labor income	26,021,123	27,232,447	27,195,480	28,479,739	30,275,582	32,478,321
Proprietors' income[6]	48,098,908	63,814,029	66,739,092	75,111,428	81,065,153	83,190,061
Farm	8,148,384	19,009,727	19,363,815	23,305,473	25,427,229	24,222,836
Nonfarm	39,950,524	44,804,302	47,375,277	51,805,955	55,637,924	58,967,225
Earnings by industry:						
Farm	12,881,100	23,659,485	23,931,798	27,795,569	30,115,456	28,883,947
Nonfarm	309,340,722	335,498,302	350,113,075	366,084,504	388,775,828	415,367,261
Private	249,997,018	272,494,173	282,541,830	294,813,412	313,139,836	334,734,669
Agricultural services, forestry, fisheries, and other[7]	3,361,944	3,130,081	3,283,782	3,281,028	4,280,904	4,742,833
Agricultural services	2,414,961	2,415,861	2,347,774	2,263,422	3,307,760	3,679,783
Forestry, fisheries, and other[7]	946,983	714,220	936,008	1,017,606	973,144	1,063,050
Mining	14,896,715	15,869,647	15,578,634	13,340,593	12,587,494	12,831,415
Coal mining	5,881,409	6,496,626	6,259,027	6,063,339	5,624,141	5,460,510
Oil and gas extraction	6,505,165	6,777,871	6,778,677	4,726,737	4,330,543	4,361,403
Metal mining	1,203,149	1,187,764	1,117,899	1,076,034	1,151,512	1,414,463
Nonmetallic minerals, except fuels	1,306,992	1,407,386	1,423,031	1,474,483	1,481,298	1,595,039
Construction	22,043,752	24,330,479	25,080,579	25,845,768	27,407,759	28,716,005
Manufacturing	77,559,641	85,726,876	87,497,801	91,576,820	97,084,026	103,593,107
Nondurable goods	36,012,650	38,130,912	38,947,886	41,070,936	43,432,970	45,532,785
Food and kindred products	8,113,904	8,404,827	8,706,703	9,226,805	9,751,588	10,208,055
Textile mill products	5,459,290	5,610,694	5,523,906	6,075,391	6,652,147	6,818,718
Apparel and other textile products	4,405,078	4,727,333	4,629,177	4,739,006	4,905,465	5,138,418
Paper and allied products	5,243,070	5,718,058	6,010,094	6,421,092	6,686,003	6,984,149
Printing and publishing	2,795,779	3,022,701	3,291,886	3,534,322	3,787,867	4,063,556
Chemicals and allied products	4,228,797	4,374,131	4,487,167	4,586,316	4,689,150	5,017,632
Petroleum and coal products	1,083,431	1,067,135	1,025,451	1,017,253	1,034,130	1,064,539
Tobacco manufactures	149,927	145,569	141,013	145,547	162,868	185,174
Rubber and miscellaneous plastic products	3,607,807	4,196,254	4,339,579	4,588,469	4,990,224	5,266,821
Leather and leather products	925,567	864,210	792,910	736,735	773,528	785,723
Durable goods	41,546,991	47,595,964	48,549,915	50,505,884	53,651,056	58,060,322
Lumber and wood products	7,240,505	7,973,158	8,168,868	8,718,266	9,494,899	10,114,860
Furniture and fixtures	2,198,428	2,482,719	2,616,630	2,836,350	3,134,129	3,369,006
Primary metal industries	4,184,862	4,991,959	4,746,535	4,716,392	4,784,996	5,228,334
Fabricated metal products	4,802,646	5,523,596	5,936,157	6,085,953	6,356,420	6,779,927
Machinery, except electrical	7,773,532	9,043,020	9,176,997	9,187,397	9,622,207	10,633,427
Electric and electronic equipment	5,647,376	6,474,131	6,418,018	6,660,870	6,996,829	7,279,874
Transportation equip. excl. motor vehicles	1,757,604	1,982,914	2,064,067	2,340,231	2,578,134	2,932,474
Motor vehicles and equipment	2,186,260	2,810,920	2,961,738	3,233,634	3,550,498	3,983,169
Stone, clay, and glass products	3,571,185	3,880,115	3,960,024	4,097,076	4,268,461	4,463,826
Instruments and related products	1,180,570	1,292,197	1,342,656	1,443,784	1,608,099	1,885,707
Miscellaneous manufacturing industries	1,004,023	1,141,235	1,158,225	1,185,931	1,256,384	1,389,718
Transportation and public utilities	23,437,296	25,712,024	26,332,050	28,117,384	29,160,592	30,329,898
Railroad transportation	3,353,966	3,484,579	3,464,805	3,244,629	3,218,142	3,152,001
Trucking and warehousing	7,591,040	9,046,765	8,833,814	9,232,936	9,919,127	10,458,151
Water transportation	471,524	501,186	528,127	472,122	483,054	529,980
Other transportation[8]	1,295,005	1,371,310	1,373,179	1,613,017	1,701,819	1,875,504
Communication	4,349,519	4,291,393	4,157,905	4,454,296	4,794,903	4,898,437
Electric, gas, and sanitary services	6,376,242	7,016,791	7,974,220	9,100,384	9,043,547	9,415,825
Wholesale trade	13,395,066	14,460,645	14,941,611	15,010,974	15,976,837	17,304,018
Retail trade	34,843,251	36,667,137	38,234,830	39,693,117	41,629,889	44,742,571
Finance, insurance, and real estate	10,298,240	11,032,420	11,376,072	12,256,538	13,397,132	14,223,505
Banking and credit agencies	5,949,869	6,343,831	6,568,104	6,914,424	7,187,003	7,452,456
Other finance, insurance, and real estate[9]	4,348,371	4,688,589	4,807,968	5,342,114	6,210,129	6,771,049
Services	50,161,113	55,564,864	60,216,471	65,691,190	71,615,203	78,251,317
Hotels and other lodging places	2,572,540	2,755,378	2,889,888	3,025,460	3,324,511	3,683,427
Personal services	3,145,654	3,315,216	4,245,776	4,562,126	4,844,530	5,258,238
Private households	1,545,494	1,725,444	1,740,724	1,744,952	1,761,617	1,787,882
Business services	6,218,275	7,402,870	8,456,623	9,230,537	9,980,369	11,067,367
Auto repair, services, and garages	2,958,178	3,470,220	3,868,611	4,156,271	4,363,471	4,807,196
Miscellaneous repair services	1,539,135	1,828,214	1,638,202	1,840,709	1,914,175	2,200,994
Amusement and recreation services	1,096,770	1,215,803	1,392,303	1,555,431	1,691,619	1,771,745
Motion pictures	102,035	133,839	138,440	143,421	135,417	145,145
Health services	17,794,162	18,862,905	20,190,729	21,705,680	24,328,155	26,430,571
Legal services	2,376,056	2,847,816	3,079,820	3,465,896	3,637,399	4,030,286
Educational services	1,824,727	2,003,833	2,167,482	2,338,503	2,551,492	2,753,396
Social services	1,637,274	1,800,265	1,956,282	2,131,443	2,375,599	2,673,180
Museums, botanical, zoological gardens	21,315	23,759	31,120	34,981	39,050	45,120
Membership organizations	3,218,804	3,367,112	3,404,145	3,536,290	3,738,525	4,024,342
Miscellaneous services	4,110,694	4,812,190	5,016,326	6,219,490	6,929,274	7,572,428
Government and government enterprises	59,343,704	63,004,129	67,571,245	71,271,092	75,635,992	80,632,592
Federal, civilian	9,376,187	9,841,314	10,407,920	10,365,207	11,033,415	11,830,615
Military	5,621,267	5,889,606	6,223,331	6,521,416	6,919,287	7,085,686
State and local	44,346,250	47,273,209	50,939,994	54,384,469	57,683,290	61,716,291

See footnotes at end of tables.

Table 2.—Twenty Highest and Lowest Per Capita Personal Incomes for Counties in the United States, 1988

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

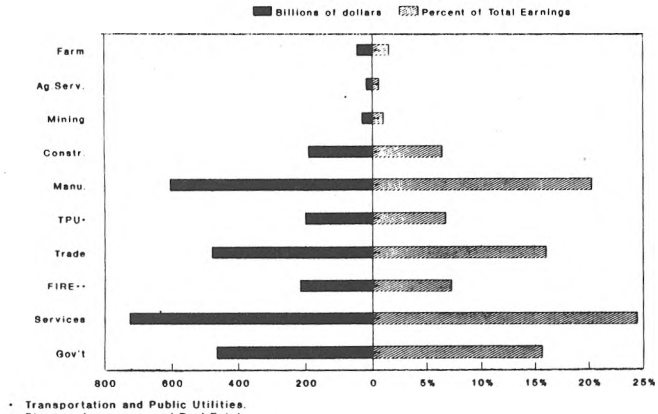
County	Twenty highest per capita incomes		County	Twenty lowest per capita incomes	
	Dollars	Percent of national average		Dollars	Percent of national average
Haines Borough, Alaska[1]	33,599	203.8	Starr, Texas	4,313	26.2
Marin, California	32,417	196.6	Shannon, South Dakota	4,625	28.0
New York, New York	32,049	194.4	Maverick, Texas	5,568	33.8
Somerset, New Jersey	30,666	186.0	Dimmit, Texas	6,357	38.6
Pitkin, Colorado	30,447	184.6	McCreary, Kentucky	6,391	38.8
Arlington, Virginia	30,248	183.4	Zavala, Texas	6,511	39.5
Westchester, New York	29,124	176.6	Todd, South Dakota	6,685	40.5
Fairfield, Connecticut	29,084	176.4	Apache, Arizona	6,756	41.0
Alexandria City, Virginia	28,699	174.0	Jackson, Kentucky	6,919	42.0
Bergen, New Jersey	28,626	173.6	Clay, West Virginia	6,929	42.0
Sherman, Texas	28,264	171.4	Edmonson, Kentucky	7,200	43.7
Hunterdon, New Jersey	28,163	170.8	Magoffin, Kentucky	7,247	43.9
Morris, New Jersey	27,970	169.6	Shannon, Missouri	7,267	44.1
Montgomery, Maryland	27,831	168.8	Hidalgo, Texas	7,302	44.3
Nassau, New York	26,669	161.7	Conejos, Colorado	7,307	44.3
Howard, Maryland	26,526	160.9	Clay, Kentucky	7,337	44.5
Fairfax, F'fx City, Falls Ch., Va	26,441	160.3	St. Helena, Louisiana	7,342	44.5
San Mateo, California	25,846	156.7	Zapata, Texas	7,370	44.7
Hamilton, Kansas	25,338	153.7	Willacy, Texas	7,371	44.7
Cheyenne, Colorado	25,249	153.1	Lee, Kentucky	7,401	44.9

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

Table 3.—Total and Per Capita Personal Income and Population by Region, 1983–88

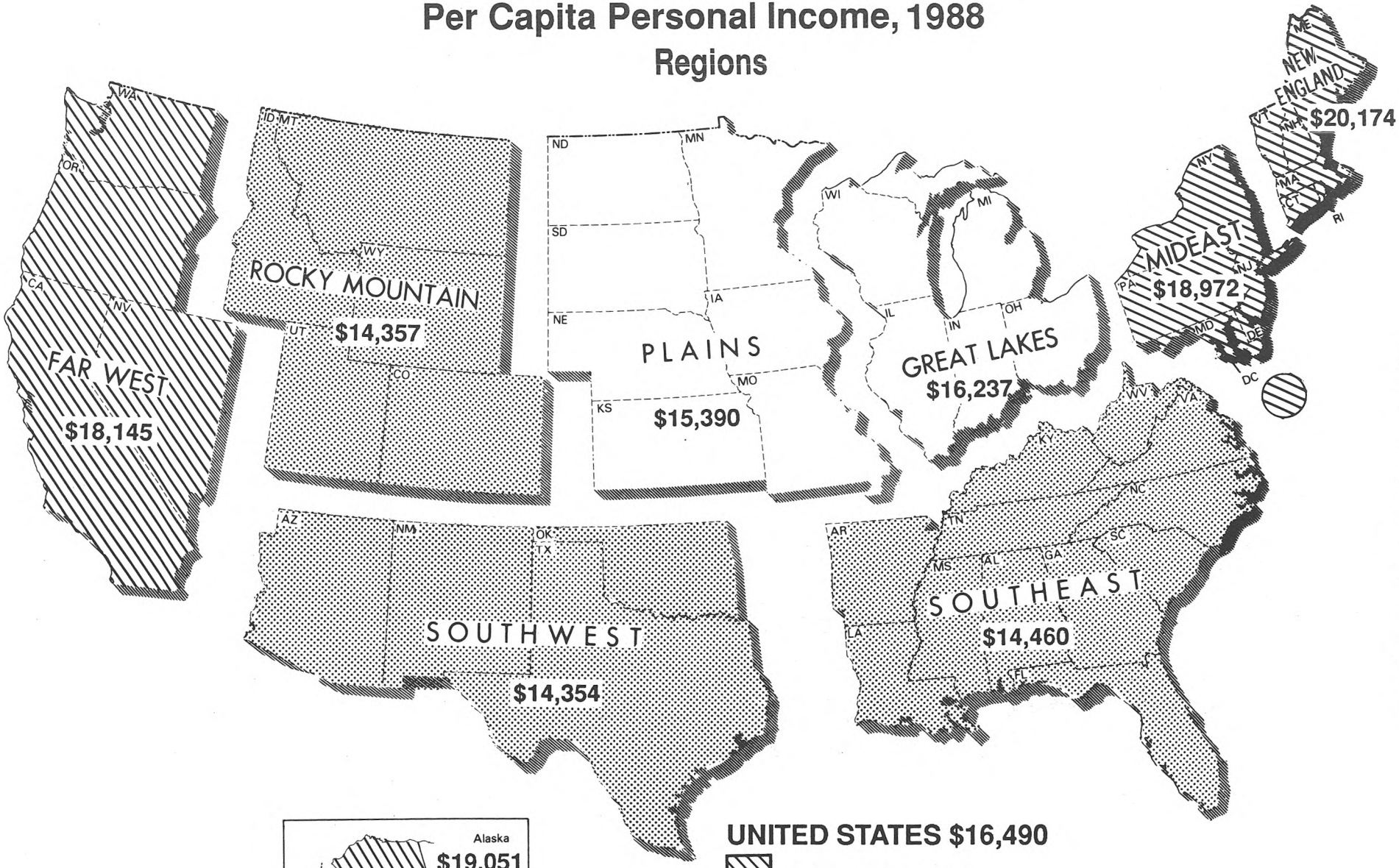
Area	Total personal income			Per capita personal income					Total population		
	Millions of dollars		Percent change	Dollars		Percent change	Percent of national average		Thousands		Percent change
	1983	1988	1983–88	1983	1988	1983–88	1983	1988	1983	1988	1983–88
United States	2,834,385	4,053,282	43.0	12,100	16,490	36.3	100.0	100.0	234,254	245,803	4.9
Metropolitan portion	2,312,415	3,344,112	44.6	12,903	17,622	36.6	106.6	106.9	179,218	189,774	5.9
Nonmetropolitan portion	521,970	709,170	35.9	9,484	12,657	33.5	78.4	76.8	55,036	56,029	1.8
New England region	169,145	261,528	54.6	13,544	20,174	49.0	111.9	122.3	12,489	12,964	3.8
Metropolitan portion	145,991	224,971	54.1	13,971	20,865	49.4	115.5	126.5	10,450	10,782	3.2
Nonmetropolitan portion	23,154	36,556	57.9	11,354	16,758	47.6	93.8	101.6	2,039	2,181	7.0
Mideast region	570,631	825,874	44.7	13,411	18,972	41.5	110.8	115.1	42,549	43,532	2.3
Metropolitan portion	532,405	772,360	45.1	13,770	19,513	41.7	113.8	118.3	38,665	39,581	2.4
Nonmetropolitan portion	38,225	53,514	40.0	9,840	13,547	37.7	81.3	82.2	3,885	3,950	1.7
Great Lakes region	493,266	683,924	38.7	11,882	16,237	36.7	98.2	98.5	41,515	42,120	1.5
Metropolitan portion	400,085	558,251	39.5	12,484	17,152	37.4	103.2	104.0	32,048	32,548	1.6
Nonmetropolitan portion	93,181	125,673	34.9	9,842	13,129	33.4	81.3	79.6	9,467	9,573	1.1
Plains region	200,485	273,325	36.3	11,508	15,390	33.7	95.1	93.3	17,422	17,759	1.9
Metropolitan portion	122,951	172,419	40.2	12,863	17,150	33.3	106.3	104.0	9,559	10,054	5.2
Nonmetropolitan portion	77,535	100,906	30.1	9,861	13,095	32.8	81.5	79.4	7,863	7,706	-2.0
Southeast region	577,331	848,413	47.0	10,485	14,460	37.9	86.7	87.7	55,062	58,672	6.6
Metropolitan portion	411,734	614,991	49.4	11,592	15,936	37.5	95.8	96.6	35,519	38,592	8.7
Nonmetropolitan portion	165,598	233,421	41.0	8,473	11,625	37.2	70.0	70.5	19,543	20,079	2.7
Southwest region	272,359	359,914	32.2	11,599	14,354	23.8	95.9	87.0	23,481	25,074	6.8
Metropolitan portion	214,720	287,384	33.8	12,306	15,132	23.0	101.7	91.8	17,449	18,992	8.8
Nonmetropolitan portion	57,639	72,530	25.8	9,556	11,926	24.8	79.0	72.3	6,032	6,082	.8
Rocky Mountain region	80,934	104,486	29.1	11,456	14,357	25.3	94.7	87.1	7,065	7,278	3.0
Metropolitan portion	53,132	70,495	32.7	12,388	15,526	25.3	102.4	94.2	4,289	4,541	5.9
Nonmetropolitan portion	27,802	33,991	22.3	10,015	12,417	24.0	82.8	75.3	2,776	2,737	-1.4
Far West region	448,600	667,439	48.8	13,524	18,145	34.2	111.8	110.0	33,170	36,783	10.9
Metropolitan portion	416,630	623,762	49.7	13,782	18,549	34.6	113.9	112.5	30,229	33,627	11.2
Nonmetropolitan portion	31,970	43,677	36.6	10,872	13,842	27.3	89.9	83.9	2,941	3,156	7.3
Alaska	8,758	9,991	14.1	18,136	19,051	5.1	149.9	115.5	483	524	8.6
Hawaii	12,875	18,388	42.8	12,640	16,743	32.5	104.5	101.5	1,019	1,098	7.8

Industrial Sources of Earnings 1988



* Transportation and Public Utilities.
** Finance, Insurance, and Real Estate.

Per Capita Personal Income, 1988
Regions



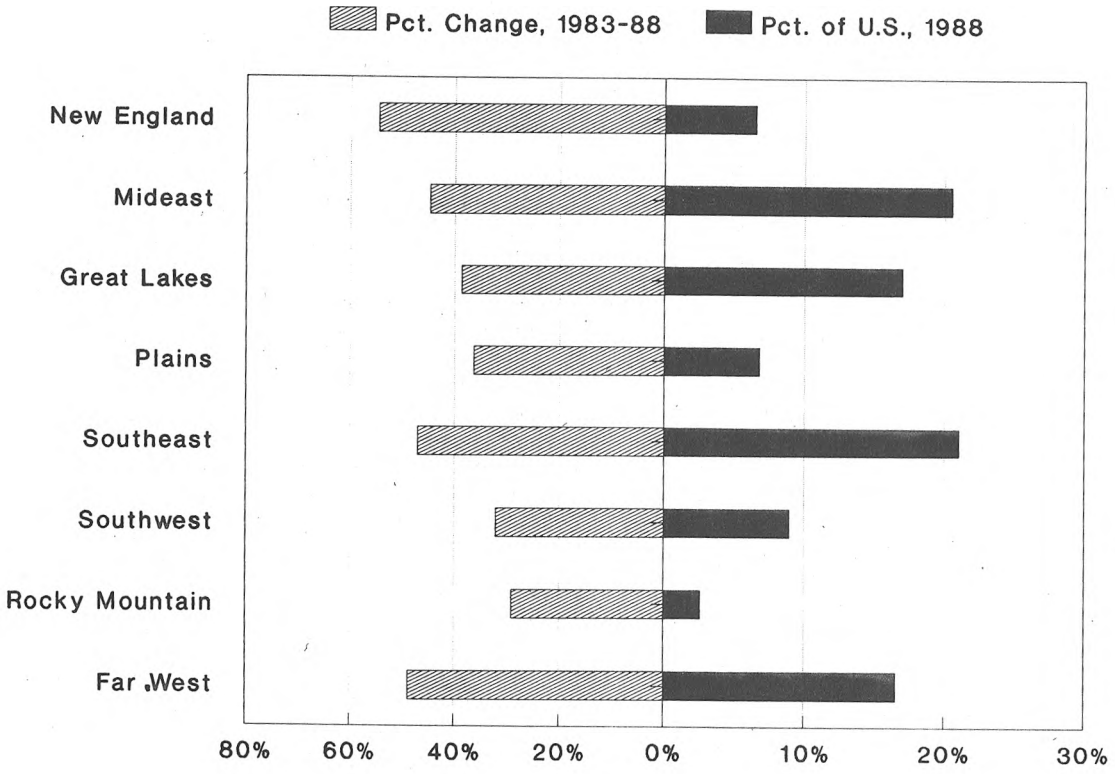
UNITED STATES $16,490

- $18,000-$20,999
- $15,000-$17,999
- $14,000-$14,999

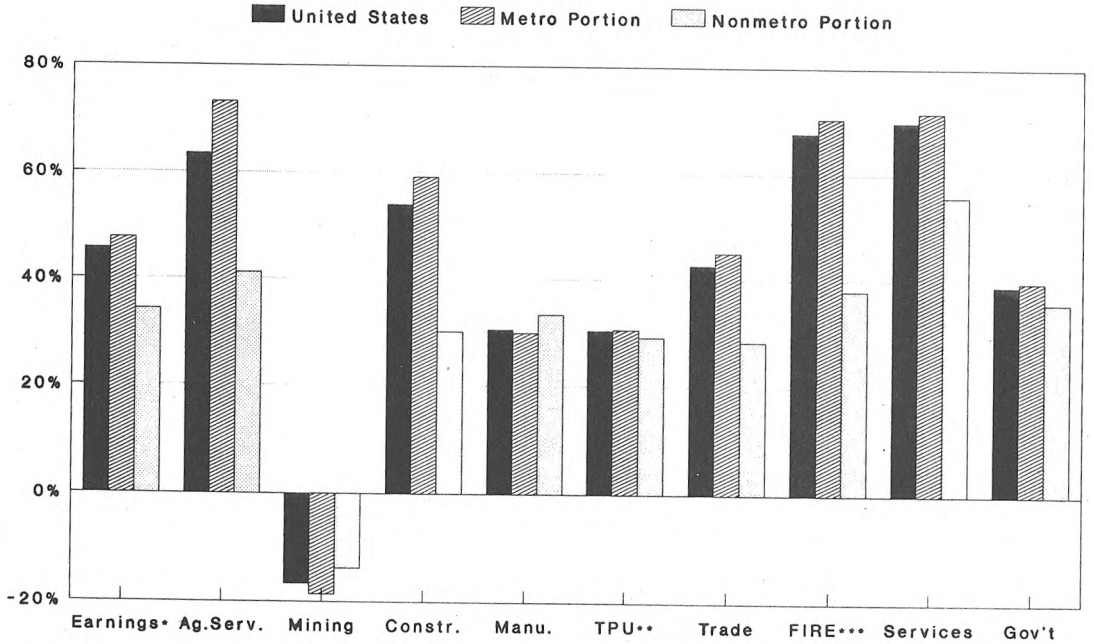
U.S. Department of Commerce, Bureau of Economic Analysis

LOCAL AREA PERSONAL INCOME

Total Personal Income



Earnings Percent Change by Nonfarm Industry 1983-88



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

Table 4.—Personal Income for Regions by Type and Industry, 1983–88

[Thousands of dollars]

	New England						New England (Metropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**169,145,412**	**187,446,978**	**201,985,582**	**218,577,264**	**239,245,472**	**261,527,562**	**145,991,197**	**161,864,211**	**174,330,123**	**188,364,551**	**205,831,383**	**224,971,422**
Nonfarm personal income	168,602,242	186,814,284	201,387,659	217,863,312	238,531,566	260,792,589	145,662,388	161,491,365	173,974,324	187,915,665	205,444,295	224,550,422
Farm income[4]	543,170	632,694	597,923	713,952	713,906	734,973	328,809	372,846	355,799	448,886	387,088	421,000
Population (thousands)[2]	12,489.0	12,571.8	12,657.4	12,741.2	12,843.3	12,963.6	10,449.6	10,511.1	10,573.8	10,638.7	10,704.3	10,782.2
Per capita personal income (dollars)	**13,544**	**14,910**	**15,958**	**17,155**	**18,628**	**20,174**	**13,971**	**15,399**	**16,487**	**17,706**	**19,229**	**20,865**
Derivation of total personal income:												
Total earnings by place of work	119,100,061	133,093,047	145,468,899	158,935,746	175,427,619	192,343,407	105,275,417	117,750,629	128,727,511	140,420,467	154,716,753	169,644,062
Less: Personal contributions for social insurance[3]	6,874,122	7,719,837	8,833,022	9,828,873	10,707,011	12,232,178	6,107,153	6,862,089	7,849,697	8,740,306	9,500,625	10,847,929
Plus: Adjustment for residence	2,639,661	2,898,022	3,039,509	3,085,816	3,250,278	3,397,971	1,059,782	1,088,820	993,262	805,403	642,922	538,613
Equals: Net earnings by place of residence	114,865,600	128,271,232	139,675,386	152,192,689	167,970,886	183,509,200	100,228,046	111,977,360	121,871,076	132,485,564	145,859,050	159,334,746
Plus: Dividends, interest, and rent[5]	29,060,013	33,177,881	34,999,719	37,273,125	40,883,595	45,286,422	24,641,350	28,128,563	29,623,546	31,499,285	34,513,053	38,189,657
Plus: Transfer payments	25,219,799	25,997,865	27,310,477	29,111,450	30,390,991	32,731,940	21,121,801	21,758,288	22,835,501	24,379,702	25,459,280	27,447,019
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	98,265,065	109,885,301	119,978,321	130,954,912	144,549,742	158,854,597	87,476,336	97,970,120	107,034,931	116,671,557	128,618,466	141,338,304
Other labor income	10,669,486	11,429,793	11,959,302	12,870,385	14,062,146	15,219,747	9,529,081	10,204,567	10,691,202	11,461,685	12,487,304	13,488,578
Proprietors' income[6]	10,165,510	11,777,953	13,531,276	15,110,449	16,815,731	18,269,063	8,270,000	9,575,942	11,001,378	12,287,225	13,610,983	14,817,180
Farm	345,590	438,880	406,884	526,196	517,262	538,306	214,579	261,211	245,784	340,723	274,172	307,747
Nonfarm	9,819,920	11,339,073	13,124,392	14,584,253	16,298,469	17,730,757	8,055,421	9,314,731	10,755,594	11,946,502	13,336,811	14,509,433
Earnings by industry:												
Farm	543,170	632,694	597,923	713,952	713,906	734,973	328,809	372,846	355,799	448,886	387,088	421,000
Nonfarm	118,556,891	132,460,353	144,870,976	158,221,794	174,713,713	191,608,434	104,946,608	117,377,783	128,371,712	139,971,581	154,329,665	169,223,062
Private	103,074,463	115,728,033	126,553,767	138,690,598	153,380,409	168,214,138	91,917,074	103,274,809	112,904,434	123,481,168	136,317,956	149,473,553
Agricultural services, forestry, fisheries, and other[7]	619,616	580,199	781,190	949,293	1,172,826	1,327,111	450,102	441,602	569,463	695,743	866,844	977,095
Agricultural services	372,250	407,927	470,318	538,882	745,799	870,362	291,126*	327,174	377,436*	441,152	593,449*	679,422*
Forestry, fisheries, and other[7]	247,366	172,272	310,872	410,411	427,027	456,749	152,316*	114,428	185,747*	254,591	263,734*	(D)
Mining	404,885	440,729	591,509	289,214	289,868	309,183	335,111	365,150	493,780	241,920	240,905	258,316
Coal mining	(D)	27,188	(D)	35,396	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	294,108	327,695	460,613	135,431	126,863	122,697	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	4,684	3,133	(D)	687	1,811	1,993	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	82,713	92,672	117,700	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	6,733,389	7,927,236	9,220,916	11,028,514	12,922,747	14,218,989	5,704,266	6,664,770	7,708,991	9,131,227	10,651,858	11,779,491
Manufacturing	34,310,125	38,273,205	39,724,357	40,828,745	41,994,386	43,988,215	30,638,976	34,232,197	35,579,113	36,436,788	37,338,498	39,059,598
Nondurable goods	10,063,934	10,807,342	11,056,638	11,487,939	12,017,908	12,670,371	8,554,183*	9,234,623*	9,463,739*	9,854,521*	10,313,452*	10,903,296*
Food and kindred products	1,138,394	1,174,149	1,228,862	1,275,527	1,316,288	1,380,305	943,413*	970,270*	1,003,854*	1,044,524*	1,128,105*	1,184,108*
Textile mill products	885,731	958,721	906,085	907,901	943,217	962,758	659,969*	724,534*	687,452*	690,947*	(D)	(D)
Apparel and other textile products	763,388	826,444	788,757	771,716	710,934	732,790	666,782*	726,108*	697,486*	663,262*	611,659*	630,065*
Paper and allied products	1,758,754	1,883,445	1,905,554	1,971,886	2,072,959	2,185,811	1,115,429*	1,203,854*	1,194,878*	(D)	1,297,681*	1,465,437*
Printing and publishing	1,930,128	2,160,005	2,400,684	2,622,423	2,919,898	3,183,709	1,748,206*	1,971,297*	2,184,820*	2,376,970*	2,646,350*	2,888,787*
Chemicals and allied products	1,441,766	1,578,708	1,670,410	1,780,656	1,846,199	1,977,304	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	90,366	83,623	88,310	95,569	107,038	118,584	80,384*	(D)	72,862*	77,671*	87,712*	105,819*
Tobacco manufactures	24,266	27,676	30,220	31,757	32,717	34,581	(D)	(D)	30,206*	31,757	(D)	(D)
Rubber and misc. plastic products	1,302,114	1,440,320	1,463,984	1,520,459	1,565,748	1,575,582	1,169,776*	1,283,146*	1,305,576*	1,353,457*	1,396,694*	1,408,955
Leather and leather products	729,027	674,251	573,772	510,045	502,910	518,947	(D)	(D)	(D)	(D)	(D)	372,677*
Durable goods	24,246,191	27,465,863	28,667,719	29,340,806	29,976,478	31,317,844	22,084,548*	24,997,181*	26,114,901*	26,581,892*	27,024,682*	28,155,787*
Lumber and wood products	574,985	678,520	720,566	799,432	900,201	929,868	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	288,362	327,097	356,808	393,794	419,400	434,373	(D)	(D)	239,907*	273,997*	290,671*	(D)
Primary metal industries	1,095,324	1,303,753	1,124,470	1,152,121	1,176,877	1,227,123	(D)	(D)	(D)	(D)	956,014*	1,064,738*
Fabricated metal products	3,004,290	3,088,165	3,120,566	3,057,835	3,130,047	3,305,592	2,726,026*	2,786,261*	2,797,062*	2,732,768*	2,777,884*	2,932,541*
Machinery, except electrical	5,036,800	5,796,122	6,146,416	6,269,803	6,741,735	7,275,284	4,625,162*	5,324,343*	5,592,142*	5,710,914*	6,160,598*	6,656,404*
Electric and electronic equipment	5,463,462	6,622,369	7,073,073	7,114,415	6,701,993	6,914,495	4,795,119*	5,848,805*	6,259,582*	6,258,308*	5,832,854*	5,970,603*
Transportation equip. excl. motor vehicles	4,183,836	4,508,735	4,885,459	5,138,707	5,286,978	5,285,432	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	241,468	354,199	354,707	340,961	321,038	276,901	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	610,565	668,160	697,992	713,667	779,506	864,625	471,415*	514,437*	526,510*	526,998*	566,303*	638,179*
Instruments and related products	2,583,948	2,841,124	2,899,641	3,031,374	3,132,996	3,335,007	2,399,220*	2,653,295*	2,708,860*	2,772,888*	2,881,182*	3,092,911*
Miscellaneous manufacturing industries	1,163,151	1,277,619	1,288,021	1,328,697	1,385,707	1,469,144	1,086,716*	1,177,339*	1,180,397*	1,213,511*	1,248,940*	1,337,311*
Transportation and public utilities	6,800,757	7,323,363	7,817,452	7,994,520	8,890,507	9,460,682	6,111,005	6,547,355	6,984,602	7,151,369	7,936,574	8,405,479
Railroad transportation	271,534	305,429	280,020	223,972	214,540	201,116	(D)	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	1,482,995	1,706,573	1,772,852	1,924,644	2,142,393	2,308,372	1,184,924*	1,466,178	1,527,188	1,640,192*	1,812,153*	1,947,626*
Water transportation	108,507	131,018	153,660	169,480	195,381	204,395	89,533*	101,921*	117,854*	132,620*	153,870*	(D)
Other transportation[8]	1,094,971	1,229,950	1,365,316	1,474,208	1,622,503	1,779,437	(D)	(D)	(D)	(D)	(D)	(D)
Communication	2,478,454	2,407,032	2,567,243	2,458,072	2,855,551	2,935,154	(D)	2,145,407*	2,291,811*	2,199,299*	2,539,151*	2,678,661*
Electric, gas, and sanitary services	1,364,296	1,543,361	1,678,361	1,744,144	1,860,139	2,032,208	1,162,548*	1,266,617*	1,377,489*	1,426,007*	1,532,370*	1,678,238*
Wholesale trade	7,053,271	8,064,661	9,040,618	9,889,685	11,381,219	12,819,143	6,565,145	7,528,567	8,431,822	9,207,849	10,594,478	11,934,655
Retail trade	11,662,201	12,927,848	14,217,504	15,939,648	17,674,573	19,325,054	9,994,330	11,101,337	12,213,810	13,690,468	15,148,949	16,511,569
Finance, insurance, and real estate	8,180,550	8,999,620	10,042,099	11,836,718	14,110,318	16,068,058	7,731,022	8,513,984	9,511,618	11,208,149	13,336,698	15,192,916
Banking and credit agencies	2,460,420	2,754,052	3,081,184	3,640,126	4,216,953	4,703,619	2,073,853*	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	5,720,130	6,245,568	6,960,915	8,196,592	9,893,365	11,364,439	5,191,360*	(D)	(D)	7,214,029*	(D)	(D)
Services	27,309,669	31,191,172	35,118,122	39,934,261	44,943,965	50,697,703	24,387,117	27,879,847	31,411,235	35,717,655	40,203,152	45,354,434
Hotels and other lodging places	662,884	755,559	855,350	956,007	1,131,176	1,258,863	408,207*	457,970*	(D)	(D)	(D)	(D)
Personal services	1,057,778	1,161,334	1,461,664	1,623,487	1,779,631	1,978,372	874,874*	(D)	(D)	(D)	(D)	(D)
Private households	353,277	393,774	396,473	395,935	399,753	406,152	264,532*	294,621*	296,467*	295,723*	298,120*	303,442*
Business services	5,395,248	6,570,544	7,745,406	9,124,993	10,315,725	11,710,706	5,049,111*	6,154,161*	7,242,130*	8,530,382*	9,671,002	10,977,042
Auto repair, services, and garages	933,798	1,101,796	1,262,380	1,422,358	1,561,935	1,753,897	808,733	951,896	1,092,019	1,228,499	1,347,378	1,511,238
Miscellaneous repair services	421,680	479,545	482,370	579,962	624,876	737,112	370,422	414,701	423,539	505,529*	542,780	643,588
Amusement and recreation services	469,161	535,065	616,094	712,619	810,534	881,923	371,313*	444,667*	503,288*	590,194*	670,586*	731,493*
Motion pictures	82,471	110,739	132,109	149,042	160,059	185,969	71,656*	95,615*	(D)	(D)	134,762*	158,485*
Health services	9,197,225	10,007,829	10,912,847	11,832,984	13,465,548	15,218,226	8,170,239	8,896,441	9,704,362	10,509,972	11,960,008	13,497,530
Legal services	1,747,474	2,138,788	2,422,297	2,883,608	3,236,110	3,667,180	1,611,393	1,969,651	2,232,306	2,660,999	2,989,893	3,387,254
Educational services	2,563,703	2,841,194	3,102,468	3,428,881	3,736,114	4,009,023	2,268,384*	(D)	(D)	(D)	(D)	(D)
Social services	843,253	953,411	1,096,217	1,260,563	1,476,302	1,746,798	729,744	826,139	953,402*	1,097,265*	1,289,836*	1,530,744*
Museums, botanical, zoological gardens	48,126	55,019	64,855	71,867	82,197	94,211	(D)	(D)	(D)	(D)	(D)	76,503*
Membership organizations	879,571	968,870	1,009,000	1,110,990	1,210,321	1,350,704	747,997*	824,872*	861,706*	952,906*	1,036,245*	1,154,768*
Miscellaneous services	2,654,020	3,117,705	3,558,592	4,380,965	4,953,684	5,698,567	2,406,903	2,818,808	3,222,842	3,943,819	4,447,991	5,135,376
Government and government enterprises	15,482,428	16,732,320	18,317,209	19,531,196	21,333,304	23,394,296	13,029,534	14,102,974	15,467,278	16,490,413	18,011,709	19,749,509
Federal, civilian	2,967,984	3,180,807	3,365,175	3,396,194	3,645,530	3,976,729	2,332,724	2,515,570	2,662,803	2,706,164	2,914,606	3,182,352
Military	1,142,724	1,218,481	1,292,954	1,371,008	1,413,645	1,458,220	865,006	933,519	981,708	1,022,414	1,053,366	1,092,189
State and local	11,371,720	12,333,032	13,659,080	14,763,994	16,274,129	17,959,347	9,831,804	10,653,885	11,822,767	12,761,835	14,043,737	15,474,968

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	New England (Nonmetropolitan portion)						Mideast					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**23,154,215**	**25,582,767**	**27,655,459**	**30,212,713**	**33,414,089**	**36,556,140**	**570,630,674**	**621,851,463**	**664,783,848**	**707,565,131**	**762,663,090**	**825,874,445**
Nonfarm personal income	22,939,854	25,322,919	27,413,335	29,947,647	33,087,271	36,242,167	569,194,612	619,592,575	662,616,795	705,176,613	760,099,986	823,357,177
Farm income[1]	214,361	259,848	242,124	265,066	326,818	313,973	1,436,062	2,258,888	2,167,053	2,388,518	2,563,104	2,517,268
Population (thousands)[2]	2,039.4	2,060.7	2,083.6	2,102.5	2,139.0	2,181.4	42,549.0	42,701.9	42,809.1	43,050.0	43,257.6	43,531.7
Per capita personal income (dollars)	**11,354**	**12,415**	**13,273**	**14,370**	**15,621**	**16,758**	**13,411**	**14,563**	**15,529**	**16,436**	**17,631**	**18,972**
Derivation of total personal income:												
Total earnings by place of work	13,824,644	15,342,418	16,741,388	18,515,279	20,710,866	22,699,345	409,249,334	447,611,221	481,888,950	518,009,571	563,170,171	611,585,189
Less: Personal contributions for social insurance[3]	766,969	857,748	983,325	1,088,567	1,206,386	1,384,249	25,708,879	28,448,090	32,047,730	35,612,444	38,288,035	43,360,892
Plus: Adjustment for residence	1,579,879	1,809,202	2,046,247	2,280,413	2,607,356	2,859,358	−5,908,011	−6,359,522	−6,469,364	−6,641,245	−7,047,701	−7,402,088
Equals: Net earnings by place of residence	14,637,554	16,293,872	17,804,310	19,707,125	22,111,836	24,174,454	377,632,444	412,803,609	443,371,856	475,755,882	517,834,435	560,822,209
Plus: Dividends, interest, and rent[4]	4,418,663	5,049,318	5,376,173	5,773,840	6,370,542	7,096,765	97,715,630	110,160,565	117,140,268	121,934,187	130,109,157	142,851,334
Plus: Transfer payments	4,097,998	4,239,577	4,474,976	4,731,748	4,931,711	5,284,921	95,282,600	98,887,289	104,271,724	109,875,062	114,719,498	122,200,902
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,788,729	11,915,181	12,943,390	14,283,355	15,931,276	17,516,293	339,993,632	371,369,925	399,663,323	429,551,047	466,968,809	508,242,226
Other labor income	1,140,405	1,225,226	1,268,100	1,408,700	1,574,842	1,731,169	34,765,785	36,201,414	36,960,343	39,302,492	42,096,893	45,405,816
Proprietors' income[6]	1,895,510	2,202,011	2,529,898	2,823,224	3,204,748	3,451,883	34,489,917	40,039,882	45,265,284	49,156,032	54,104,469	57,937,147
Farm	131,011	177,669	161,100	185,473	243,090	230,559	791,073	1,628,782	1,540,669	1,767,688	1,908,550	1,859,322
Nonfarm	1,764,499	2,024,342	2,368,798	2,637,751	2,961,658	3,221,324	33,698,844	38,411,100	43,724,615	47,388,344	52,195,919	56,077,825
Earnings by industry:												
Farm	214,361	259,848	242,124	265,066	326,818	313,973	1,436,062	2,258,888	2,167,053	2,388,518	2,563,104	2,517,268
Nonfarm	13,610,283	15,082,570	16,499,264	18,250,213	20,384,048	22,385,372	407,813,272	445,352,333	479,721,897	515,621,053	560,607,067	609,067,921
Private	11,157,389	12,453,224	13,649,333	15,209,430	17,062,453	18,740,585	339,675,737	372,215,080	401,914,071	433,120,852	471,589,743	513,025,779
Agricultural services, forestry, fisheries, and other[7]	166,247*	138,597	211,727	253,550	303,063*	344,884*	1,488,615	1,546,123	1,708,297	1,877,280	2,353,731	2,637,886
Agricultural services	(D)	(D)	(D)	90,608*	(D)	158,316*	1,110,667	1,174,692	1,272,677	1,391,077	1,841,240	2,088,365
Forestry, fisheries, and other[7]	84,877*	56,861*	(D)	155,614*	(D)	173,393*	377,948	371,431	435,620	486,203	512,491	549,521
Mining	66,680*	75,579	97,729	47,294	45,847*	46,195*	2,635,139	2,833,905	3,194,196	2,151,097	2,015,572	2,006,653
Coal mining	578	507	(D)	545*	(D)	300*	1,170,789	1,264,561	1,151,364	1,091,527	963,531	915,965
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,140,333	1,233,012	1,686,327	664,281	611,261	613,608
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	61,003	45,630	35,220	30,463	47,087	45,157
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	263,014	290,702	321,285	364,826	393,693	431,923
Construction	1,029,123	1,262,466	1,511,925	1,897,287	2,270,889	2,439,498	20,326,113	23,498,935	26,593,409	30,474,560	34,187,940	37,430,594
Manufacturing	3,671,149	4,041,008	4,145,244	4,391,957	4,655,888	4,928,617	88,928,491	94,906,093	97,598,750	98,919,079	101,556,631	107,797,003
Nondurable goods	1,502,604*	1,565,152*	1,585,819*	1,625,844*	1,696,865*	1,761,014*	38,753,393	40,843,769	42,285,262	43,401,724	45,205,633	48,637,155
Food and kindred products	133,393*	135,271*	(D)	162,068*	168,975*	(D)	6,091,591	6,395,250	6,691,627	6,957,206	7,199,683	7,555,204
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	1,507,097	1,513,390	1,490,195	1,514,964	1,603,529	1,634,365
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	4,688,231	4,885,799	4,769,969	4,700,018	4,717,319	4,976,156
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,344,391	3,614,736	3,660,182	3,714,498	3,869,601	4,054,464
Printing and publishing	171,924*	178,806*	204,778*	231,189*	251,020*	279,203*	7,894,997	8,564,954	9,298,990	9,862,099	10,697,709	11,756,798
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	9,585,593	10,156,325	10,731,799	11,161,595	11,620,433	12,905,408
Petroleum and coal products	5,937*	7,791	(D)	(D)	(D)	(D)	2,481,983	2,287,683	2,216,752	1,979,871	1,845,146	1,872,221
Tobacco manufactures	0	0	0	0	0	0	179,741	188,005	185,177	163,301	113,758	130,070
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	2,350,316	2,629,532	2,684,338	2,807,957	2,994,822	3,179,475
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	629,453	608,095	556,233	540,215	543,633	572,994
Durable goods	2,150,348*	2,455,883*	2,539,484*	2,745,282*	2,937,318*	3,146,098*	50,175,098	54,062,324	55,313,488	55,517,355	56,350,998	59,159,848
Lumber and wood products	325,317*	370,120*	384,779*	424,959*	472,934*	471,037*	811,989	931,770	1,037,167	1,193,396	1,368,847	1,502,630
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	972,121	1,117,531	1,195,831	1,263,738	1,334,301	1,379,734
Primary metal industries	103,437*	127,734*	103,280*	(D)	(D)	(D)	6,596,696	6,720,781	6,096,920	5,558,687	5,469,350	5,794,716
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	5,374,245	5,794,734	6,029,341	6,194,730	6,304,934	6,555,056
Machinery, except electrical	363,562*	416,050*	(D)	(D)	(D)	(D)	9,845,082	10,695,572	11,086,240	10,948,725	10,745,603	11,832,155
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	10,212,503	11,249,745	11,448,869	11,693,662	11,958,718	12,053,803
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,831,172	3,058,655	3,256,742	3,332,463	3,487,378	3,471,643
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,520,132	3,016,481	3,289,232	3,090,978	3,179,933	3,113,391
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	3,029,506	3,183,137	3,218,389	3,337,978	3,471,234	3,696,296
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	6,020,161	6,093,812	6,512,511	6,706,579	6,695,727	7,250,375
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,961,491	2,200,106	2,142,246	2,196,419	2,334,973	2,510,049
Transportation and public utilities	689,752	776,008	832,850	843,151	953,933	1,055,203	30,815,563	33,252,823	34,578,152	35,755,072	37,987,706	39,967,934
Railroad transportation	61,353*	66,048*	63,681*	41,969*	33,618*	31,411*	1,704,300	1,811,188	1,852,956	1,829,147	1,875,899	1,778,482
Trucking and warehousing	(D)	(D)	(D)	246,129*	287,886*	332,280*	5,989,233	6,736,864	6,872,577	7,345,256	8,035,187	8,642,150
Water transportation	(D)	(D)	(D)	28,573*	32,694*	32,653*	1,566,456	1,560,206	1,536,390	1,502,325	1,405,908	1,343,276
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	5,695,557	6,189,857	6,562,576	7,035,822	7,548,286	8,141,599
Communication	(D)	(D)	157,667*	148,797*	(D)	238,452*	10,420,194	10,925,304	11,193,451	11,224,600	12,114,350	12,681,730
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	5,439,823	6,029,404	6,560,202	6,817,922	7,008,076	7,380,697
Wholesale trade	488,126	536,094	608,796	681,836	786,741	884,488	27,696,899	30,781,044	33,047,543	35,040,145	38,060,532	42,050,862
Retail trade	1,667,871	1,826,511	2,003,694	2,249,180	2,525,624	2,813,485	35,648,613	38,367,406	41,258,813	44,809,994	48,241,351	51,855,509
Finance, insurance, and real estate	449,528	485,636	530,481	628,569	773,620	875,142	34,566,100	37,487,095	41,691,631	48,494,564	56,484,523	62,195,297
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	11,664,487	12,691,354	13,603,006	15,509,378	17,060,505	18,851,258
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	22,901,613	24,795,741	28,088,625	32,985,186	39,424,018	43,344,039
Services	2,922,552	3,311,325	3,706,887	4,216,606	4,740,813	5,343,269	97,570,204	109,541,656	122,243,280	135,599,061	150,701,757	167,084,041
Hotels and other lodging places	217,690*	243,696*	265,676*	299,157*	342,327*	375,652*	2,973,046	3,232,312	3,564,064	3,811,776	4,286,046	4,645,173
Personal services	129,786*	142,400*	189,959*	(D)	231,949*	260,076*	3,330,600	3,555,385	4,340,197	4,728,738	5,072,787	5,610,678
Private households	79,011*	91,171*	91,952*	92,123*	95,582*	98,252	1,570,599	1,746,975	1,752,327	1,748,156	1,758,170	1,779,542
Business services	322,988*	390,034*	471,949*	554,318*	644,723	733,664	21,074,074	24,631,033	28,705,017	32,188,250	36,000,698	40,210,712
Auto repair, services, and garages	125,065	142,551*	168,635*	192,264*	214,557	242,659	2,891,338	3,349,186	3,788,198	4,151,726	4,546,658	4,989,338
Miscellaneous repair services	51,258	64,844	58,831	69,521*	82,096	86,699*	1,476,900	1,729,950	1,755,382	1,908,120	2,023,702	2,280,898
Amusement and recreation services	64,516*	73,032*	85,771*	100,814*	115,026*	(D)	2,157,002	2,426,811	2,782,774	3,120,751	3,517,849	4,002,506
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	851,775	1,137,520	1,306,785	1,340,949	1,419,935	1,488,361
Health services	1,026,986	1,111,388	1,208,485	1,323,012	1,505,540	1,720,696	28,566,253	30,984,768	33,796,047	36,714,789	41,739,678	46,008,860
Legal services	136,081	169,137	189,991	222,609	246,217	279,926	9,120,456	10,784,867	11,899,437	13,624,136	15,118,110	17,257,794
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	6,123,813	6,761,550	7,393,404	7,987,418	8,729,390	9,529,647
Social services	107,774*	126,967*	140,939*	161,109*	186,325*	215,900*	3,174,377	3,506,441	3,943,391	4,534,404	5,038,445	5,639,966
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	166,277	179,671	198,625	221,419	241,715	275,720
Membership organizations	102,170*	111,891*	114,948*	121,514*	131,541*	147,049*	4,311,014	4,558,044	4,798,044	5,101,846	5,477,717	6,014,582
Miscellaneous services	228,885*	278,709*	335,750	437,146	505,693	563,191	9,782,680	10,957,143	12,219,588	14,416,583	15,730,857	17,350,264
Government and government enterprises	2,452,894	2,629,346	2,849,931	3,040,783	3,321,595	3,644,787	68,137,535	73,137,253	77,807,826	82,500,201	89,017,324	96,042,142
Federal, civilian	635,260	665,237	702,372	690,030	730,924	794,377	19,691,489	20,995,380	22,006,599	21,923,128	23,193,054	24,849,722
Military	277,718	284,962	311,246	348,594	360,279	366,031	3,054,559	3,233,569	3,434,650	3,674,588	3,923,715	4,019,670
State and local	1,539,916	1,679,147	1,836,313	2,002,159	2,230,392	2,484,379	45,391,487	48,908,304	52,366,577	56,902,485	61,900,555	67,172,750

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Mideast (Metropolitan portion)						Mideast (Nonmetropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**532,405,436**	**580,498,529**	**621,075,653**	**661,044,082**	**712,978,820**	**772,360,307**	**38,225,238**	**41,352,934**	**43,708,195**	**46,521,049**	**49,684,270**	**53,514,138**
Nonfarm personal income	531,398,136	579,001,693	619,619,203	659,502,170	711,250,627	770,711,277	37,796,476	40,590,882	42,997,592	45,674,443	48,849,359	52,645,900
Farm income[1]	1,007,300	1,496,836	1,456,450	1,541,912	1,728,193	1,649,030	428,762	762,052	710,603	846,606	834,911	868,238
Population (thousands)[2]	38,664.5	38,810.7	38,918.1	39,149.7	39,343.9	39,581.4	3,884.5	3,891.2	3,891.0	3,900.3	3,913.7	3,950.3
Per capita personal income (dollars)	**13,770**	**14,957**	**15,959**	**16,885**	**18,122**	**19,513**	**9,840**	**10,627**	**11,233**	**11,928**	**12,695**	**13,547**
Derivation of total personal income:												
Total earnings by place of work	386,525,659	422,589,931	455,618,489	489,896,217	532,813,200	578,812,332	22,723,675	25,021,290	26,270,461	28,113,354	30,356,971	32,772,857
Less: Personal contributions for social insurance[3]	24,320,822	26,898,044	30,340,410	33,740,199	36,287,536	41,088,085	1,388,057	1,550,046	1,707,320	1,872,245	2,000,499	2,272,807
Plus: Adjustment for residence	−8,220,069	−8,923,936	−9,308,072	−9,702,705	−10,340,549	−11,008,008	2,312,058	2,564,414	2,838,708	3,061,460	3,292,848	3,605,920
Equals: Net earnings by place of residence	353,984,768	386,767,951	415,970,007	446,453,313	486,185,115	526,716,239	23,647,676	26,035,658	27,401,849	29,302,569	31,649,320	34,105,970
Plus: Dividends, interest, and rent[5]	91,466,769	103,315,463	109,814,946	114,199,034	121,941,067	133,889,183	6,248,861	6,845,102	7,325,322	7,735,153	8,168,090	8,962,151
Plus: Transfer payments	86,953,899	90,415,115	95,290,700	100,391,735	104,852,638	111,754,885	8,328,701	8,472,174	8,981,024	9,483,327	9,866,860	10,446,017
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	322,060,360	351,889,297	379,147,307	407,762,645	443,323,611	482,658,990	17,933,272	19,480,628	20,516,016	21,788,402	23,645,198	25,583,236
Other labor income	32,777,251	34,123,959	34,878,684	37,088,551	39,717,958	42,852,481	1,988,534	2,077,455	2,081,659	2,213,941	2,378,935	2,553,335
Proprietors' income[6]	31,688,048	36,576,675	41,592,498	45,045,021	49,771,631	53,300,861	2,801,869	3,463,207	3,672,786	4,111,011	4,332,838	4,636,286
Farm	579,437	1,078,899	1,041,932	1,132,010	1,296,933	1,216,335	211,636	549,883	498,737	635,678	611,617	642,987
Nonfarm	31,108,611	35,497,776	40,550,566	43,913,011	48,474,698	52,084,526	2,590,233	2,913,324	3,174,049	3,475,333	3,721,221	3,993,299
Earnings by industry:												
Farm	1,007,300	1,496,836	1,456,450	1,541,912	1,728,193	1,649,030	428,762	762,052	710,603	846,606	834,911	868,238
Nonfarm	385,518,359	421,093,095	454,162,039	488,354,305	531,085,007	577,163,302	22,294,913	24,259,238	25,559,858	27,266,748	29,522,060	31,904,619
Private	321,655,829	352,504,066	381,248,792	411,068,412	447,802,894	487,328,656	18,019,908	19,711,014	20,665,279	22,052,440	23,786,849	25,697,123
Agricultural services, forestry, fisheries, and other[7]	1,340,220*	1,406,728*	1,521,327*	1,679,878*	2,109,526*	2,372,587*	141,254*	131,972*	142,383	145,582	(D)	(D)
Agricultural services	993,849*	1,060,365*	1,137,397*	1,263,536*	1,665,342*	1,899,263*	101,479*	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	339,524*	341,736*	396,877*	442,592*	470,940*	503,208*	(D)	(D)	(D)	(D)	(D)	(D)
Mining	1,798,248*	1,939,577*	2,313,587*	1,387,814*	1,272,335*	1,287,028*	798,050*	864,007*	837,509*	735,663*	685,726*	658,974*
Coal mining	566,151*	614,279*	567,042*	526,086*	389,092*	(D)	560,596*	631,798*	570,879*	(D)	529,318*	501,547*
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	19,230,670	22,221,293	24,713,227*	28,307,585*	31,639,797*	34,637,918*	1,095,443	1,274,976*	1,397,830*	1,593,516*	1,863,258*	2,049,844*
Manufacturing	82,449,861	87,807,769	90,404,652	91,424,004	93,772,163	99,514,873	6,478,630	7,098,324	7,194,098	7,495,075	7,784,468	8,282,130
Nondurable goods	36,352,540*	38,306,632	39,728,556	40,725,494	42,269,390*	45,694,828	2,378,090*	2,483,279*	2,499,372*	2,623,568*	2,769,601*	2,916,434*
Food and kindred products	5,324,433*	5,544,986*	5,772,359*	5,941,235*	6,360,683*	6,687,919*	513,112*	562,851*	595,126*	626,066*	640,369*	662,178*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	4,287,033*	4,500,981*	4,386,168*	4,266,844*	4,326,876*	4,564,193*	(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	7,651,428*	8,319,855*	9,037,227*	9,570,824*	10,376,699*	11,380,643*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	8,658,946*	9,172,101*	9,682,193*	10,083,417*	10,547,660*	11,762,385*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,224,594*	2,037,229*	2,086,466*	1,786,640*	1,676,973*	1,639,485*	139,821*	129,552*	127,634*	125,732*	130,347*	137,668*
Tobacco manufactures	177,772*	185,771*	182,897*	162,971	(D)	(D)	580	519	511	330	0	0
Rubber and misc. plastic products	(D)	2,183,184*	2,279,483*	(D)	2,545,305*	2,711,656*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	46,077,663*	49,501,137	50,676,096	50,698,510	51,339,551*	53,820,045	4,055,519*	4,467,660*	4,536,083*	4,765,721*	4,922,940*	5,257,553*
Lumber and wood products	(D)	577,730*	(D)	747,820*	884,180*	917,776*	223,980*	272,367*	302,946*	348,985*	443,906*	488,094*
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	4,614,666*	5,049,282*	5,079,203*	5,254,393*	5,407,101*	5,618,856*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	9,013,834*	8,866,186*	8,680,475*	8,655,558*	9,667,473*	(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	(D)	2,275,568*	2,396,152*	2,435,548*	2,559,053*	2,802,106*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	5,398,080*	5,998,639*	6,175,919*	6,154,883*	6,617,879*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,734,405*	1,955,310*	1,912,740*	1,949,386*	2,093,171*	2,281,567*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	29,176,942*	31,558,189	32,427,966*	33,348,448*	35,406,954*	37,254,618*	1,544,691	1,694,634	1,717,882	1,820,117*	1,957,006*	2,031,955*
Railroad transportation	1,504,831*	1,669,530*	1,725,363*	(D)	(D)	(D)	(D)	92,223*	81,737*	92,776*	110,020*	99,322*
Trucking and warehousing	5,047,697*	5,890,268*	6,181,152*	6,635,596*	7,265,646*	7,838,004*	533,886*	608,769*	(D)	613,014*	647,731*	733,440*
Water transportation	1,468,553*	1,448,523*	1,410,427*	1,353,113*	1,281,596*	1,200,713*	10,089*	(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)	10,684,293*	11,168,017*	(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	26,872,876*	29,914,363	32,122,820	34,065,135	36,997,896	40,853,007*	794,208*	857,621*	924,723	975,010	1,062,636	1,142,213*
Retail trade	33,173,414	35,757,525	38,474,625	41,819,644	45,031,833	48,368,314	2,475,199	2,609,881	2,784,188	2,990,350	3,209,518	3,487,195
Finance, insurance, and real estate	33,867,749*	36,820,209	41,008,240	47,716,602	55,593,558	61,215,330	629,221	666,886	683,391	775,206*	887,759*	976,608*
Banking and credit agencies	11,153,109*	12,003,225*	13,113,988*	14,884,189*	16,323,190*	17,746,676*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	22,434,391*	24,174,382*	27,431,318*	32,120,503*	38,290,758*	41,582,169*	(D)	(D)	(D)	(D)	(D)	(D)
Services	93,526,724	105,051,331	117,051,535*	129,751,112*	144,215,869*	159,876,912*	4,043,480	4,490,325	4,957,746	5,426,464*	6,028,550*	6,696,923*
Hotels and other lodging places	2,497,066*	2,766,523*	3,112,087*	3,374,915*	3,831,483*	4,200,776*	216,648*	223,895*	243,802*	248,033*	273,629*	293,736*
Personal services	3,069,721*	3,293,826*	3,981,124*	4,325,637*	4,628,611*	5,205,187*	201,889	210,293*	282,890*	313,331*	341,504*	378,675*
Private households	1,434,875*	1,618,602*	1,623,555*	1,618,965*	1,631,799*	1,640,921*	(D)	92,204*	92,447*	96,822*	93,570*	94,296*
Business services	20,766,146	24,263,908	28,211,073*	31,604,989*	35,341,284*	39,424,923*	306,059*	367,125	454,416	537,275	608,887	730,620
Auto repair, services, and garages	2,669,125	3,010,968*	3,391,848*	3,713,499*	4,073,474*	4,458,244*	222,213	260,337	303,260	329,835	351,181	395,245
Miscellaneous repair services	1,362,279*	1,587,644*	1,619,242*	1,750,396*	1,852,025*	2,094,485*	(D)	(D)	(D)	(D)	(D)	(D)
Amusement and recreation services	2,083,075*	2,344,980	2,687,791	3,017,457	3,401,710*	3,845,791*	69,037*	73,859*	86,966*	96,058*	109,219*	117,827*
Motion pictures	825,141*	1,096,425*	1,257,017*	1,285,514*	1,342,401*	1,401,795*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	26,913,137	29,203,243	31,882,561	34,647,118	39,408,004	43,457,778	1,653,116	1,781,525	1,913,486	2,067,671	2,331,674	2,526,746*
Legal services	8,957,272	10,592,495	11,692,999	13,389,711	14,866,582	16,976,018	163,184	191,927*	206,438	233,993*	251,019*	281,776
Educational services	5,491,393*	(D)	(D)	(D)	(D)	8,295,598*	(D)	(D)	(D)	(D)	(D)	(D)
Social services	3,003,979*	3,313,068*	3,723,586*	4,282,475*	4,748,557*	5,303,629*	158,947*	180,125*	206,380*	234,853*	267,000*	319,559*
Museums, botanical, zoological gardens	(D)	(D)	(D)	201,257*	213,765*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,060,771	4,294,929	4,529,539	4,822,724	5,178,677	5,690,681	242,387*	258,215*	263,714*	276,699*	296,413*	321,062*
Miscellaneous services	9,175,318*	10,664,377	11,899,837	14,009,099	15,270,166	16,828,473	242,178	292,766	319,751	407,484	460,691	521,791
Government and government enterprises	63,862,530	68,589,029	72,913,247	77,285,893	83,282,113	89,834,646	4,275,005	4,548,224	4,894,579	5,214,308	5,735,211	6,207,496
Federal, civilian	19,021,284	20,288,623	21,236,282	21,157,386	22,356,694	23,965,693	670,205	706,757	770,317	765,742	836,360	884,029
Military	2,713,163	2,876,857	3,054,194	3,240,744	3,403,490	3,430,698	341,396	356,712	380,456	433,844	520,225	588,972
State and local	42,128,083	45,423,549	48,622,771	52,887,763	57,521,929	62,438,255	3,263,404	3,484,755	3,743,806	4,014,722	4,378,626	4,734,495

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Great Lakes						Great Lakes (Metropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**493,266,222**	**539,149,267**	**570,426,786**	**602,456,507**	**638,455,570**	**683,924,200**	**400,085,124**	**435,880,899**	**462,859,713**	**489,515,209**	**519,758,144**	**558,250,902**
Nonfarm personal income	492,183,949	533,810,941	564,950,767	596,631,912	632,571,958	679,329,202	399,576,028	434,074,259	460,949,106	487,562,668	517,768,670	556,647,563
Farm income[1]	1,082,273	5,338,326	5,476,019	5,824,595	5,883,612	4,594,998	509,096	1,806,640	1,910,607	1,952,541	1,989,474	1,603,339
Population (thousands)[2]	41,515.0	41,586.9	41,649.5	41,761.6	41,941.9	42,120.1	32,047.8	32,104.0	32,161.5	32,267.4	32,416.1	32,547.5
Per capita personal income (dollars)	**11,882**	**12,964**	**13,696**	**14,426**	**15,222**	**16,237**	**12,484**	**13,577**	**14,392**	**15,171**	**16,034**	**17,152**
Derivation of total personal income:												
Total earnings by place of work	351,564,043	389,998,417	414,984,529	439,961,643	467,494,331	501,718,006	297,686,296	328,023,191	350,747,395	372,385,791	395,757,637	426,263,942
Less: Personal contributions for social insurance[3]	21,572,892	23,867,462	26,756,972	28,533,719	30,185,230	33,997,346	18,310,393	20,250,883	22,789,545	24,348,391	25,722,818	28,976,635
Plus: Adjustment for residence	1,185,310	1,396,405	1,525,042	1,672,060	1,890,393	2,129,233	−5,582,483	−6,128,125	−6,540,330	−6,967,102	−7,285,320	−7,836,379
Equals: Net earnings by place of residence	331,176,461	367,527,360	389,752,599	413,099,984	439,199,494	469,849,893	273,793,420	301,644,183	321,417,520	341,070,298	362,749,499	389,450,928
Plus: Dividends, interest, and rent[4]	82,247,982	90,307,789	94,711,469	98,233,857	103,926,722	113,556,750	64,729,898	71,481,988	75,210,756	78,141,697	83,370,227	91,132,645
Plus: Transfer payments	79,841,779	81,314,118	85,962,718	91,122,666	95,329,354	100,517,557	61,561,806	62,754,728	66,231,437	70,303,214	73,638,418	77,667,329
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	291,173,921	319,646,721	341,310,366	360,622,119	382,812,801	413,016,826	248,496,785	272,921,096	292,621,217	309,793,047	328,839,342	355,348,657
Other labor income	32,885,038	34,860,908	35,456,581	37,523,339	39,513,375	42,160,507	28,123,428	29,780,188	30,393,342	32,206,431	33,865,298	36,152,930
Proprietors' income[6]	27,505,084	35,490,788	38,217,582	41,816,185	45,168,155	46,540,673	21,066,083	25,321,907	27,732,836	30,386,313	33,052,997	34,762,355
Farm	−5,884	4,268,128	4,421,450	4,789,125	4,802,218	3,520,782	75,478	1,380,204	1,490,186	1,539,694	1,558,403	1,175,049
Nonfarm	27,510,968	31,222,660	33,796,132	37,027,060	40,365,937	43,019,891	20,990,605	23,941,703	26,242,650	28,846,619	31,494,594	33,587,306
Earnings by industry:												
Farm	1,082,273	5,338,326	5,476,019	5,824,595	5,883,612	4,594,998	509,096	1,806,640	1,910,607	1,952,541	1,989,474	1,603,339
Nonfarm	350,481,770	384,660,091	409,508,510	434,137,048	461,610,719	497,123,008	297,177,200	326,216,551	348,836,788	370,433,250	393,768,163	424,660,603
Private	302,427,809	333,675,125	355,488,051	376,763,694	400,912,072	432,269,212	257,675,387	284,330,832	304,482,945	323,367,104	343,987,197	371,499,601
Agricultural services, forestry, fisheries, and other[7]	1,314,122	1,348,932	1,345,083	1,357,139	1,846,634	2,101,694	902,635	938,479*	979,715*	1,043,585*	1,361,642	1,564,900*
Agricultural services	1,196,814	1,238,808	1,269,340	1,317,002	1,796,779	2,048,897	842,194*	853,246*	915,254*	997,745*	1,313,773*	1,489,208*
Forestry, fisheries, and other[7]	117,308	110,124	75,743	40,137	49,855	52,797	35,283*	30,477*	(D)	(D)	(D)	(D)
Mining	3,164,892	3,446,878	3,660,348	2,821,019	2,687,904	2,619,051	1,354,074*	1,480,779	1,746,210	1,150,956*	1,086,223	1,084,145*
Coal mining	1,363,651	1,525,380	1,472,892	1,380,476	1,260,270	1,179,960	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	1,293,595	1,368,144	1,620,212	806,930	762,198	734,903	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	91,549	95,684	87,308	99,491	123,488	129,755	(D)	(D)	(D)	218*	(D)	(D)
Nonmetallic minerals, except fuels	416,097	457,670	479,936	534,122	541,948	574,433	(D)	(D)	(D)	(D)	(D)	(D)
Construction	17,266,386	19,420,172	21,038,365	23,093,984	25,434,723	27,890,710	13,927,460*	15,814,182*	17,307,527*	19,329,730*	21,325,032*	23,493,704*
Manufacturing	112,077,074	125,648,237	131,436,476	134,486,524	136,907,215	146,389,242	94,895,323	106,021,918	111,324,606	113,412,035	114,647,975	122,494,580
Nondurable goods	32,050,316	34,479,440	36,000,210	37,661,466	39,595,061	42,317,878	26,241,466	28,166,674	29,388,875	30,701,791*	32,238,550*	34,491,421*
Food and kindred products	7,532,390	7,707,510	7,816,203	8,103,540	8,376,897	8,934,347	5,599,715*	5,773,535*	5,783,699*	5,920,920*	6,379,517*	6,806,548*
Textile mill products	279,114	289,000	295,690	307,877	318,819	353,715	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,194,605	1,352,569	1,457,661	1,539,454	1,522,995	1,641,280	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	3,973,820	4,302,325	4,496,827	4,779,389	5,002,964	5,296,205	2,722,116*	2,995,993*	3,093,618*	3,272,391*	3,434,687*	3,665,707*
Printing and publishing	6,013,158	6,514,147	6,967,054	7,270,635	7,770,173	8,453,640	5,098,301*	5,501,836*	5,893,413*	6,138,321*	6,569,657*	7,152,643*
Chemicals and allied products	6,450,108	6,883,413	7,255,524	7,636,724	8,092,147	8,764,036	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,126,833	1,139,909	1,183,668	1,246,002	1,302,283	1,374,917	999,012*	1,003,652*	1,061,271*	1,129,868*	1,185,755*	1,248,179*
Tobacco manufactures	16,754	18,430	16,986	15,231	15,473	15,543	(D)	(D)	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	5,050,532	5,874,416	6,138,486	6,406,597	6,819,348	7,061,130	(D)	4,061,388*	(D)	(D)	4,678,041*	4,826,673*
Leather and leather products	413,002	397,721	372,111	356,017	373,962	423,065	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	80,026,758	91,168,797	95,436,266	96,825,058	97,312,154	104,071,364	68,653,857	77,855,244	81,935,731	82,708,295*	82,324,862*	87,725,782*
Lumber and wood products	1,389,685	1,537,593	1,678,475	1,855,528	2,109,039	2,338,995	(D)	765,441*	(D)	931,894*	1,068,726*	1,190,282*
Furniture and fixtures	1,726,921	1,960,478	2,073,825	2,181,463	2,416,062	2,663,456	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	10,385,668	11,392,144	10,982,514	10,633,024	10,785,826	11,793,528	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	11,645,597	13,290,357	14,308,021	14,552,257	14,582,898	15,462,459	9,134,417*	10,664,017*	11,738,048*	11,945,725*	11,901,991*	12,298,636*
Machinery, except electrical	16,011,078	18,445,685	19,154,155	19,057,858	19,220,199	20,961,487	12,216,442*	(D)	14,615,335*	14,547,033*	(D)	(D)
Electric and electronic equipment	9,739,370	10,841,082	10,918,961	11,080,097	11,055,499	11,494,610	(D)	(D)	(D)	(D)	8,156,159*	8,434,632*
Transportation equip. excl. motor vehicles	3,684,674	4,196,969	4,489,088	4,842,053	4,870,520	4,746,722	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	18,829,327	22,212,725	24,336,581	24,929,457	24,271,343	25,594,485	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,158,409	3,417,310	3,494,125	3,561,552	3,684,548	3,984,110	(D)	(D)	(D)	(D)	(D)	2,630,004*
Instruments and related products	2,122,160	2,381,732	2,548,199	2,627,999	2,709,629	3,269,651	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,333,869	1,492,722	1,452,322	1,503,770	1,606,591	1,761,861	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	24,552,344	26,429,905	27,480,289	29,085,779	30,818,611	32,217,883	20,021,103*	21,483,770*	22,518,868*	23,792,505*	25,268,151*	26,701,012*
Railroad transportation	2,515,252	2,613,061	2,513,709	2,459,448	2,419,612	2,328,184	1,773,070*	1,972,864*	1,860,448*	1,818,633*	(D)	1,688,744*
Trucking and warehousing	7,169,540	8,195,825	8,347,747	8,759,997	9,449,149	10,073,323	5,676,276*	6,463,571*	6,692,119	6,867,512*	7,402,112*	7,917,327*
Water transportation	247,523	272,120	272,988	273,230	296,115	325,364	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,057,273	3,370,222	3,670,420	4,315,529	4,717,441	5,146,412	(D)	(D)	(D)	(D)	(D)	(D)
Communication	6,168,447	6,243,876	6,549,754	6,785,981	7,155,346	7,322,182	(D)	5,072,593*	5,326,584*	5,538,437*	5,923,225*	5,964,320*
Electric, gas, and sanitary services	5,394,309	5,734,801	6,125,671	6,491,594	6,780,948	7,022,418	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	22,378,983	25,018,763	26,692,827	28,095,925	30,253,824	32,954,756	20,012,226*	22,478,832*	24,064,747*	25,440,574*	27,428,175*	29,930,329*
Retail trade	33,573,034	35,625,131	37,579,155	39,979,846	42,592,521	45,497,720	27,831,340	29,668,891	31,395,044	33,513,495	35,821,929	38,254,644
Finance, insurance, and real estate	19,474,927	20,768,082	22,355,811	24,867,397	28,098,114	30,864,721	17,744,233	18,946,484*	20,509,906*	22,895,637	25,904,260	28,530,692
Banking and credit agencies	7,058,934	7,615,997	8,014,914	8,786,657	9,475,410	10,126,338	5,722,466*	5,980,316*	6,397,290*	7,204,225*	7,590,971*	(D)
Other finance, insurance, and real estate[9]	12,415,993	13,152,085	14,340,897	16,080,740	18,622,704	20,738,383	11,214,797*	(D)	12,474,597*	14,389,432*	16,111,314*	(D)
Services	68,626,047	75,969,025	83,899,697	92,976,081	102,272,526	111,733,435	59,968,192*	66,533,799*	73,718,059*	81,901,297*	90,286,830*	98,985,797*
Hotels and other lodging places	1,387,804	1,436,494	1,514,371	1,600,903	1,799,520	1,961,921	1,112,257*	1,148,099*	1,212,265*	1,286,429*	1,442,720*	1,619,327*
Personal services	3,275,616	3,448,234	4,193,279	4,540,095	4,845,486	5,277,144	2,707,322	2,844,788*	3,415,100*	3,691,085*	3,940,190*	4,304,298*
Private households	813,296	901,483	902,619	898,260	903,863	913,480	640,453*	712,046*	712,961*	708,045*	708,350*	702,385*
Business services	12,082,932	14,308,954	17,182,584	19,538,844	21,813,634	23,832,515	11,020,382*	13,077,637	15,787,324	18,025,432	20,158,025	22,009,338
Auto repair, services, and garages	2,581,484	3,008,687	3,388,147	3,690,646	3,893,256	4,281,724	2,122,063	2,474,137	2,786,445	3,028,550	3,197,046	3,508,179
Miscellaneous repair services	1,210,508	1,408,194	1,396,199	1,559,026	1,610,063	1,890,669	996,370*	1,153,859*	1,169,113*	1,297,927*	1,342,325*	1,583,241*
Amusement and recreation services	1,384,713	1,540,874	1,698,330	1,899,668	2,050,591	2,244,618	1,153,448*	1,286,095*	1,442,999*	1,645,140*	1,771,504*	1,925,103*
Motion pictures	259,669	369,029	399,858	425,303	400,223	449,086	(D)	(D)	(D)	(D)	(D)	(D)
Health services	25,896,296	27,202,500	28,674,208	30,911,203	34,493,049	36,958,680	22,504,948	23,667,645	24,946,300	26,923,085	30,064,112	32,201,526
Legal services	4,873,231	5,707,630	6,249,096	7,107,253	7,827,395	8,847,784	4,491,479	5,263,365	5,771,939	6,578,891	7,277,754	8,244,160
Educational services	2,770,223	3,051,847	3,320,955	3,545,328	3,880,959	4,277,983	(D)	2,457,295*	(D)	(D)	(D)	(D)
Social services	1,893,280	2,074,569	2,306,696	2,537,666	2,837,190	3,217,041	1,561,780*	1,721,622*	1,934,141*	2,143,370*	2,389,887*	2,713,528*
Museums, botanical, zoological gardens	102,733	107,720	117,242	129,559	146,166	162,629	(D)	(D)	(D)	114,114*	128,672*	(D)
Membership organizations	3,529,303	3,673,896	3,802,591	3,997,572	4,264,047	4,628,413	2,949,192*	3,064,770*	3,196,022*	3,370,741*	3,599,846*	3,928,417
Miscellaneous services	6,564,959	7,728,914	8,753,522	10,594,755	11,507,084	12,789,748	5,995,169	7,063,393	8,056,631	9,712,057	10,543,689	11,733,311
Government and government enterprises	48,053,961	50,984,966	54,020,459	57,373,354	60,698,647	64,853,796	39,501,813	41,885,719	44,353,843	47,066,146	49,780,966	53,161,002
Federal, civilian	8,049,134	8,478,617	8,934,565	8,961,085	9,536,197	10,262,044	7,024,725	7,390,308	7,782,000	7,800,575	8,312,210	8,941,641
Military	1,886,888	2,055,740	2,298,790	2,421,297	2,476,286	2,491,206	1,534,115	1,681,508	1,894,139	1,993,565	2,023,281	2,033,156
State and local	38,117,939	40,450,609	42,787,104	45,990,972	48,686,164	52,100,546	30,942,973	32,813,903	34,677,704	37,272,006	39,445,475	42,186,205

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Great Lakes (Nonmetropolitan portion)						Plains					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**93,181,098**	**103,268,368**	**107,567,073**	**112,941,298**	**118,697,426**	**125,673,298**	**200,485,202**	**220,092,703**	**232,842,247**	**244,888,938**	**258,532,786**	**273,324,833**
Nonfarm personal income	92,607,921	99,736,682	104,001,661	109,069,244	114,803,288	122,681,639	197,908,386	213,075,731	224,073,696	234,096,586	247,758,391	264,765,863
Farm income[1]	573,177	3,531,686	3,565,412	3,872,054	3,894,138	2,991,659	2,576,816	7,016,972	8,768,551	10,792,352	10,774,395	8,558,970
Population (thousands)[2]	9,467.2	9,482.9	9,488.0	9,494.2	9,525.8	9,572.5	17,421.6	17,513.2	17,556.3	17,563.9	17,625.0	17,759.4
Per capita personal income (dollars)	**9,842**	**10,890**	**11,337**	**11,896**	**12,461**	**13,129**	**11,508**	**12,567**	**13,263**	**13,943**	**14,669**	**15,390**
Derivation of total personal income:												
Total earnings by place of work	53,877,747	61,975,226	64,237,134	67,575,852	71,736,694	75,454,064	140,873,560	157,914,841	167,634,080	177,917,139	188,950,716	199,088,644
Less: Personal contributions for social insurance[3]	3,262,499	3,616,579	3,967,427	4,185,328	4,462,412	5,020,711	8,695,147	9,554,256	10,603,902	11,287,873	11,976,288	13,429,101
Plus: Adjustment for residence	6,767,793	7,524,530	8,065,372	8,639,162	9,175,713	9,965,612	−1,198,137	−1,373,540	−1,518,871	−1,681,446	−1,839,294	−1,958,810
Equals: Net earnings by place of residence	57,383,041	65,883,177	68,335,079	72,029,686	76,449,995	80,398,965	130,980,276	146,987,045	155,511,307	164,947,820	175,135,134	183,700,733
Plus: Dividends, interest, and rent[4]	17,518,084	18,825,801	19,500,713	20,092,160	20,556,495	22,424,105	38,981,348	41,664,920	43,539,016	44,621,294	46,429,227	50,453,958
Plus: Transfer payments	18,279,973	18,559,390	19,731,281	20,819,452	21,690,936	22,850,228	30,523,578	31,440,738	33,791,924	35,319,824	36,968,425	39,170,142
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	42,677,136	46,725,625	48,689,149	50,829,072	53,973,459	57,668,169	113,223,221	123,353,699	130,241,900	136,466,709	145,314,741	155,461,328
Other labor income	4,761,610	5,080,720	5,063,239	5,316,908	5,648,077	6,007,577	11,670,174	12,224,512	12,414,694	13,182,796	13,961,833	14,932,961
Proprietors' income[5]	6,439,001	10,168,881	10,484,746	11,429,872	12,115,158	11,778,318	15,980,165	22,336,630	24,977,486	28,267,634	29,674,142	28,694,355
Farm	−81,362	2,887,924	2,931,264	3,249,431	3,243,815	2,345,733	1,397,843	5,858,395	7,642,217	9,698,435	9,651,908	7,456,957
Nonfarm	6,520,363	7,280,957	7,553,482	8,180,441	8,871,343	9,432,585	14,582,322	16,478,235	17,335,269	18,569,199	20,022,234	21,237,398
Earnings by industry:												
Farm	573,177	3,531,686	3,565,412	3,872,054	3,894,138	2,991,659	2,576,816	7,016,972	8,768,551	10,792,352	10,774,395	8,558,970
Nonfarm	53,304,570	58,443,540	60,671,722	63,703,798	67,842,556	72,462,405	138,296,744	150,897,869	158,865,529	167,124,787	178,176,321	190,529,674
Private	44,752,422	49,344,293	51,005,106	53,396,590	56,924,875	60,769,611	115,894,455	127,005,750	133,332,758	140,307,819	149,699,433	160,254,204
Agricultural services, forestry, fisheries, and other[7]	398,054*	386,840*	354,185*	303,291*	456,981*	500,527*	923,521	890,597	808,938	756,008	1,146,673	1,272,902
Agricultural services	303,753*	297,801*	294,807*	272,930*	419,236*	(D)	864,796	836,790	766,478	723,452	1,114,798	1,239,979
Forestry, fisheries, and other[7]	76,798*	(D)	(D)	(D)	(D)	(D)	58,725	53,807	42,460	32,556	31,875	32,923
Mining	1,737,006*	1,898,358*	1,853,440*	1,577,093*	1,499,467*	1,432,120*	1,549,555	1,686,337	1,749,100	1,260,360	1,198,757	1,228,627
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	148,737	184,342	190,543	176,897	(D)	142,351
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	861,750	912,078	984,702	543,324	494,142	479,956
Metal mining	(D)	88,829*	82,483*	(D)	(D)	(D)	330,940	353,378	329,888	279,643	280,158	322,429
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	208,128	236,539	243,967	260,496	(D)	283,891
Construction	3,098,460*	3,457,224*	3,563,783*	3,634,006*	3,974,522*	4,265,892*	8,502,317	9,584,510	9,890,034	10,670,878	11,397,178	11,595,326
Manufacturing	17,181,457*	19,626,050*	20,111,677*	21,074,291*	22,258,993*	23,894,460*	30,606,364	33,965,986	35,122,368	36,339,790	37,977,700	40,811,871
Nondurable goods	5,570,653*	6,027,878*	6,322,993*	6,675,083*	7,095,012*	7,381,950*	12,467,618	13,199,104	13,698,959	14,357,698	15,140,896	16,132,104
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	4,693,497	4,718,186	4,820,192	5,060,804	5,291,015	5,533,255
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	77,155	74,510	76,821	78,413	82,759	87,122
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	480,891	510,749	512,714	516,599	538,366	564,223
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,610,390	1,762,469	1,837,849	1,938,151	2,043,904	2,204,860
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	2,438,999	2,682,577	2,875,358	3,046,029	3,247,828	3,530,923
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,593,653	1,715,972	1,825,081	1,911,997	1,997,800	2,146,998
Petroleum and coal products	124,046*	128,397*	116,780*	107,886*	110,050*	121,125*	283,825	261,935	276,741	285,917	293,872	302,402
Tobacco manufactures	1,097	1,136	978	949	901*	918*	186	236	353	614	460	416
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	971,579	1,152,547	1,163,408	1,221,495	1,332,571	1,433,284
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	317,443	319,923	310,442	297,679	312,321	328,621
Durable goods	11,158,066*	13,072,463*	13,144,732*	13,895,668*	14,699,825*	15,552,794*	18,138,746	20,766,882	21,423,409	21,982,092	22,836,804	24,679,767
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	616,800	699,519	751,376	855,404	991,009	1,238,800
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	401,357	453,783	480,997	515,555	575,351	622,237
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	862,426	1,028,194	961,666	979,964	1,017,521	1,099,688
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,373,299	2,578,614	2,682,821	2,684,030	2,771,093	2,953,784
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	5,079,181	5,861,413	5,911,309	5,719,093	6,023,178	6,598,915
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,544,449	2,862,512	3,019,464	3,010,550	3,064,736	3,259,744
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,247,095	2,527,281	2,621,978	2,903,012	3,208,778	3,435,973
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,495,941	2,062,613	2,232,662	2,308,255	2,141,254	2,247,812
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	854,985	907,737	902,197	934,455	969,391	1,007,477
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,221,344	1,318,113	1,373,318	1,576,383	1,590,977	1,695,585
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	441,869	467,103	485,621	495,391	483,516	519,752
Transportation and public utilities	3,866,292*	4,242,659*	4,238,243*	4,622,945*	4,921,185*	5,026,559*	12,900,304	13,919,404	14,206,501	14,766,404	15,344,149	16,019,542
Railroad transportation	523,368*	542,545*	561,739*	552,392*	578,172*	531,086*	2,145,773	2,257,253	2,124,688	2,051,321	2,047,185	1,933,270
Trucking and warehousing	1,325,228*	1,590,981*	1,592,732*	1,664,161*	1,871,760*	1,958,351*	3,733,109	4,264,937	4,196,188	4,376,725	4,663,157	4,950,661
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	109,079	128,902	114,842	99,075	111,638	141,025
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,911,956	2,005,516	2,221,603	2,295,414	2,441,927	2,724,854
Communication	(D)	(D)	(D)	(D)	(D)	(D)	2,896,432	2,920,765	3,007,612	3,208,389	3,413,243	3,534,309
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	2,103,955	2,342,031	2,541,568	2,735,480	2,666,999	2,735,423
Wholesale trade	2,324,984*	2,514,686*	2,616,015*	2,627,877*	2,788,392*	2,994,206*	10,626,487	11,612,677	12,090,626	12,310,312	13,273,583	14,431,075
Retail trade	5,741,694	5,956,240	6,184,111	6,466,351	6,770,592	7,195,750*	14,712,355	15,629,839	16,282,658	16,877,951	17,680,607	18,987,558
Finance, insurance, and real estate	1,723,688*	1,807,852*	1,839,307*	1,971,797*	2,192,804*	2,332,729*	8,339,541	8,987,454	9,684,338	10,763,728	11,828,029	12,541,159
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	3,161,947	3,389,840	3,584,010	3,884,259	4,040,948	4,182,974
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	5,177,594	5,597,614	6,100,328	6,879,469	7,787,081	8,358,185
Services	8,226,913*	9,006,686*	9,691,049*	10,569,425*	11,503,292*	12,512,993*	27,734,011	30,728,946	33,498,195	36,562,388	39,852,757	43,366,144
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	750,357	773,428	820,297	821,428	909,026	949,246
Personal services	560,499*	584,085*	742,395*	804,312*	859,053*	923,066*	1,540,390	1,655,911	2,054,692	2,227,738	2,353,598	2,560,734
Private households	165,007*	181,659*	181,273*	180,191*	183,176*	184,231*	370,631	411,986	412,925	410,698	412,925	418,566
Business services	1,030,414*	1,201,096*	1,329,025*	1,498,544*	1,644,181*	1,811,837*	4,703,022	5,606,323	6,446,470	7,173,550	7,876,593	8,594,939
Auto repair, services, and garages	454,034*	533,921*	601,100*	661,373*	695,651*	773,545	1,329,960	1,568,341	1,734,111	1,870,231	1,936,033	2,126,046
Miscellaneous repair services	201,114*	242,475*	213,974*	244,865*	258,692*	296,384*	647,837	738,542	651,956	751,128	790,135	901,059
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	558,036	624,020	700,928	779,659	839,845	917,824
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	97,038	138,931	151,558	158,675	153,651	169,536
Health services	3,377,612*	3,534,855	3,727,908	3,979,466*	4,419,810*	4,732,702*	10,419,497	10,920,689	11,660,850	12,429,377	13,896,202	15,049,853
Legal services	381,656*	443,603*	476,582*	527,631*	548,945*	602,850*	1,812,840	2,181,659	2,376,968	2,698,460	2,886,115	3,165,147
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,158,048	1,276,436	1,388,043	1,543,651	1,679,706	1,851,044
Social services	(D)	(D)	(D)	(D)	(D)	(D)	898,008	1,005,369	1,088,981	1,181,008	1,277,417	1,436,651
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	22,279	25,625	31,265	37,279	40,379	44,961
Membership organizations	557,161*	582,162*	586,166*	606,853*	635,527*	682,956*	1,268,879	1,332,936	1,362,924	1,421,092	1,494,703	1,607,004
Miscellaneous services	567,996*	663,804*	695,545*	881,117*	963,395	1,056,437	2,157,189	2,468,750	2,616,227	3,058,414	3,306,429	3,573,534
Government and government enterprises	8,552,148	9,099,247	9,666,616	10,307,208	10,917,681	11,692,794	22,402,289	23,892,119	25,532,771	26,816,968	28,476,888	30,275,470
Federal, civilian	1,024,409	1,088,309	1,152,565	1,160,510	1,223,987	1,320,403	4,344,134	4,574,077	4,857,926	4,889,537	5,217,180	5,613,076
Military	352,773	374,232	404,651	427,732	453,005	458,050	1,746,236	1,838,655	1,975,361	2,093,510	2,228,480	2,271,510
State and local	7,174,966	7,636,706	8,109,400	8,718,966	9,240,689	9,914,341	16,311,919	17,479,387	18,699,484	19,833,921	21,031,228	22,390,884

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Plains (Metropolitan portion)						Plains (Nonmetropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**122,950,660**	**134,120,841**	**142,951,962**	**150,983,523**	**161,124,992**	**172,418,995**	**77,534,542**	**85,971,862**	**89,890,285**	**93,905,415**	**97,407,794**	**100,905,838**
Nonfarm personal income	122,681,251	133,425,225	142,085,707	149,872,304	160,057,981	171,603,817	75,227,135	79,650,506	81,987,989	84,224,282	87,700,410	93,162,046
Farm income[1]	269,409	695,616	866,255	1,111,219	1,067,011	815,178	2,307,407	6,321,356	7,902,296	9,681,133	9,707,384	7,743,792
Population (thousands)[2]	9,558.5	9,644.0	9,733.2	9,813.2	9,916.9	10,053.6	7,863.1	7,869.3	7,823.1	7,750.7	7,708.1	7,705.7
Per capita personal income (dollars)	**12,863**	**13,907**	**14,687**	**15,386**	**16,248**	**17,150**	**9,861**	**10,925**	**11,490**	**12,116**	**12,637**	**13,095**
Derivation of total personal income:												
Total earnings by place of work	95,732,465	105,805,191	113,068,905	120,144,657	128,433,661	137,302,447	45,141,095	52,109,650	54,565,175	57,772,482	60,517,055	61,786,197
Less: Personal contributions for social insurance[3]	5,996,117	6,632,708	7,447,231	7,984,086	8,474,445	9,481,128	2,699,030	2,921,548	3,156,671	3,303,787	3,501,843	3,947,973
Plus: Adjustment for residence	−3,543,321	−4,071,907	−4,464,323	−4,881,231	−5,301,737	−5,572,195	2,345,184	2,698,367	2,945,452	3,199,785	3,462,443	3,613,385
Equals: Net earnings by place of residence	86,193,027	95,100,576	101,157,351	107,279,340	114,657,479	122,249,124	44,787,249	51,886,469	54,353,956	57,668,480	60,477,655	61,451,609
Plus: Dividends, interest, and rent[4]	20,604,262	22,437,278	23,858,263	24,940,560	26,689,719	29,093,519	18,377,086	19,227,642	19,680,753	19,680,734	19,739,508	21,360,439
Plus: Transfer payments	16,153,371	16,582,987	17,936,348	18,763,623	19,777,794	21,076,352	14,370,207	14,857,751	15,855,576	16,556,201	17,190,631	18,093,790
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	79,832,946	87,938,072	94,042,844	99,484,703	106,410,788	114,121,733	33,390,275	35,415,627	36,199,056	36,982,006	38,903,953	41,339,595
Other labor income	8,333,738	8,803,782	9,049,917	9,690,119	10,265,043	10,965,140	3,336,436	3,420,730	3,364,777	3,492,677	3,696,790	3,967,821
Proprietors' income[5]	7,565,781	9,063,337	9,976,144	10,969,835	11,757,830	12,215,574	8,414,384	13,273,293	15,001,342	17,297,799	17,916,312	16,478,781
Farm	105,468	534,533	709,795	959,413	911,773	663,034	1,292,375	5,323,862	6,932,422	8,739,022	8,740,135	6,793,923
Nonfarm	7,460,313	8,528,804	9,266,349	10,010,422	10,846,057	11,552,540	7,122,009	7,949,431	8,068,920	8,558,777	9,176,177	9,684,858
Earnings by industry:												
Farm	269,409	695,616	866,255	1,111,219	1,067,011	815,178	2,307,407	6,321,356	7,902,296	9,681,133	9,707,384	7,743,792
Nonfarm	95,463,056	105,109,575	112,202,650	119,033,438	127,366,650	136,487,269	42,833,688	45,788,294	46,662,879	48,091,349	50,809,671	54,042,405
Private	81,664,987	90,302,443	96,312,752	102,336,338	109,535,469	117,436,585	34,229,468	36,703,307	37,020,006	37,971,481	40,163,964	42,817,619
Agricultural services, forestry, fisheries, and other[7]	374,064*	377,237*	365,491*	367,835*	524,490*	584,232*	532,422*	494,840*	433,426*	354,839*	562,731*	(D)
Agricultural services	343,125*	337,545*	325,140*	337,255*	492,998*	545,747*	476,390*	448,233*	398,766*	331,617*	(D)	(D)
Forestry, fisheries, and other[7]	(D)	15,688*	(D)	(D)	(D)	(D)	(D)	33,392*	27,535*	(D)	(D)	(D)
Mining	626,286*	696,555*	766,945*	523,528*	503,932*	522,334*	849,745*	908,725*	903,980*	(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	168,512*	(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	5,280,909	6,217,704*	6,827,881	7,586,059	8,123,248	8,229,141	3,216,116*	3,331,323*	3,058,809*	3,065,462*	3,255,102*	3,329,066*
Manufacturing	22,461,154	25,086,009	26,152,985	27,073,278	28,032,715	30,063,845	8,139,766*	8,871,510*	8,962,475*	9,260,830*	9,941,903*	10,743,082*
Nondurable goods	8,633,621*	9,207,923*	9,616,702*	10,138,495	10,714,030*	11,524,477*	3,583,457*	3,685,046*	3,795,218*	3,934,430*	4,135,034*	4,351,114*
Food and kindred products	(D)	(D)	2,656,914*	2,834,359*	2,985,337*	(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	1,966,029*	2,161,836*	2,333,176*	2,477,889*	2,654,966*	2,870,473*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	1,220,371*	1,349,082*	1,454,623*	1,543,635*	1,603,659*	1,758,921*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	210,433*	184,684*	196,735*	205,298*	210,647*	222,876*	72,160*	70,933*	69,255*	75,274*	73,510*	71,196*
Tobacco manufactures	164	207	174	335	235	(D)	(L)	(L)	179	279	225	(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	13,795,811*	15,806,602*	16,459,637*	16,934,783	17,301,036*	18,519,703*	4,043,821*	4,609,986*	4,588,819*	4,659,414*	5,152,327*	5,776,148*
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)	(D)	648,124*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,742,473*	1,889,737*	1,945,236*	1,927,256*	1,947,619*	2,039,893*	(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	2,050,676*	2,304,602*	2,402,234*	2,660,548*	(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)	435,933*	444,156*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	1,043,350*	1,087,617*	1,288,647*	1,310,305*	1,370,024*	(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	9,007,769*	9,565,875*	9,907,472*	10,188,907*	10,708,525*	11,263,957*	3,840,418*	4,283,320*	4,212,091*	4,480,780*	4,535,609*	4,624,521*
Railroad transportation	1,373,384*	1,306,266*	1,216,642*	1,262,907*	1,259,755*	1,150,874*	753,104*	819,125*	812,106*	771,877*	766,690*	749,506*
Trucking and warehousing	2,132,603*	2,337,659*	2,398,131*	2,522,462*	2,659,481*	2,789,038*	1,442,873*	1,708,241*	1,626,395*	1,690,375*	1,795,831*	1,877,179*
Water transportation	91,017*	(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)	(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	7,655,719	8,474,022*	8,961,351	9,251,351	10,059,754	10,939,046	2,945,246*	3,075,379*	3,114,645*	3,044,063*	3,194,810*	3,453,498*
Retail trade	9,511,697	10,287,908	10,890,229	11,491,702	12,137,253	13,061,789	5,200,658	5,341,931	5,392,429	5,386,249	5,543,354	5,925,769
Finance, insurance, and real estate	6,509,109	7,045,334	7,724,198	8,699,855	9,632,212	10,248,007	1,825,008*	1,940,550*	1,958,360*	2,059,329*	2,192,756*	2,286,030*
Banking and credit agencies	1,987,674*	2,163,676*	2,294,823*	2,580,124*	2,748,591*	2,679,589*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	4,404,465*	4,719,535*	5,140,479*	5,888,560*	6,708,632*	6,635,001*	(D)	(D)	(D)	(D)	(D)	(D)
Services	20,226,363	22,381,653*	24,702,066	27,139,119	29,797,184	32,507,084	7,448,535*	8,137,869*	8,717,645*	9,307,584*	9,923,071*	10,711,468*
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	993,196	1,079,294	1,322,140	1,444,297	1,532,625	1,677,834	542,038*	565,139*	714,585*	762,569*	795,431*	856,291*
Private households	(D)	(D)	(D)	(D)	(D)	(D)	141,398*	158,016*	156,673*	157,052*	156,905*	157,686*
Business services	3,700,820	4,415,348*	5,097,289	5,715,512	6,316,356	6,899,926	991,625*	1,169,918*	1,327,713*	1,433,836*	1,523,499*	1,651,780*
Auto repair, services, and garages	827,682	978,181	1,082,988	1,172,052	1,221,663	1,350,986	500,958*	588,442*	650,090*	697,234*	713,473*	774,000*
Miscellaneous repair services	365,138	407,651	366,208	424,892*	449,915	515,126	256,732*	299,522*	(D)	(D)	(D)	348,452*
Amusement and recreation services	425,103*	465,969*	517,743*	570,796*	620,523*	691,966*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	110,821*	122,451*	126,284*	121,715*	137,668*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	7,629,216	7,968,186*	8,559,607*	9,232,706	10,386,810	11,286,123	2,790,265*	2,890,028*	3,037,133*	3,192,536*	3,504,819*	3,723,199*
Legal services	1,421,197	1,711,679	1,880,262	2,141,655	2,323,874	2,553,361	389,739*	465,953*	492,675*	553,849*	560,473*	610,090*
Educational services	797,694*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	614,994*	703,292*	769,779*	839,323*	901,376*	1,012,103*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	817,192	861,159*	892,494*	942,733	995,421	1,072,522	(D)	(D)	(D)	(D)	450,760*	482,192*
Miscellaneous services	1,675,334	1,898,831	2,041,466*	2,390,000*	2,616,841	2,838,925	465,386*	529,929*	536,053*	643,768*	688,947*	733,906*
Government and government enterprises	13,798,069	14,807,132	15,889,898	16,697,100	17,831,181	19,050,684	8,604,220	9,084,987	9,642,873	10,119,868	10,645,707	11,224,786
Federal, civilian	3,185,517	3,363,588	3,575,436	3,586,143	3,827,043	4,154,714	1,158,617	1,210,489	1,282,490	1,303,394	1,390,137	1,458,362
Military	965,512	1,050,343	1,142,887	1,221,110	1,310,776	1,348,536	780,724	788,312	832,474	872,400	917,704	922,974
State and local	9,647,040	10,393,201	11,171,575	11,889,847	12,693,362	13,547,434	6,664,879	7,086,186	7,527,909	7,944,074	8,337,866	8,843,450

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Southeast						Southeast (Metropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**577,331,492**	**634,234,658**	**681,055,681**	**728,365,380**	**784,965,372**	**848,412,848**	**411,733,738**	**451,750,973**	**489,196,249**	**524,887,724**	**568,125,710**	**614,991,495**
Nonfarm personal income	570,942,517	623,778,598	672,173,139	719,140,249	774,507,935	835,665,678	408,662,749	448,054,425	485,760,069	521,295,048	564,377,917	610,679,791
Farm income[1]	6,388,975	10,456,060	8,882,542	9,225,131	10,457,437	12,747,170	3,070,989	3,696,548	3,436,180	3,592,676	3,747,793	4,311,704
Population (thousands)[2]	55,062.2	55,791.4	56,550.7	57,275.5	58,015.5	58,671.5	35,519.1	36,096.3	36,726.9	37,364.6	38,012.5	38,592.3
Per capita personal income (dollars)	**10,485**	**11,368**	**12,043**	**12,717**	**13,530**	**14,460**	**11,592**	**12,515**	**13,320**	**14,048**	**14,946**	**15,936**
Derivation of total personal income:												
Total earnings by place of work	405,471,905	450,474,553	482,614,277	517,712,607	561,638,674	607,072,375	300,182,821	332,057,644	360,027,091	387,990,487	422,380,758	457,121,261
Less: Personal contributions for social insurance[3]	22,531,451	25,040,780	28,245,001	30,736,901	33,094,972	37,356,726	16,632,338	18,516,536	21,043,464	22,987,969	24,838,018	28,063,584
Plus: Adjustment for residence	3,291,933	3,464,574	3,461,965	3,586,876	3,728,401	3,817,084	−3,432,664	−4,098,299	−5,054,074	−5,877,785	−6,911,648	−7,612,443
Equals: Net earnings by place of residence	386,232,387	428,898,347	457,831,241	490,562,582	532,272,103	573,532,733	280,117,819	309,442,809	333,929,553	359,124,733	390,631,092	421,445,234
Plus: Dividends, interest, and rent[5]	93,784,790	104,681,674	114,359,897	121,123,972	129,878,600	143,040,111	69,009,023	77,459,393	84,936,585	90,334,848	97,776,411	107,884,798
Plus: Transfer payments	97,314,315	100,654,637	108,864,543	116,678,826	122,814,669	131,840,004	62,606,896	64,848,771	70,330,111	75,428,143	79,718,207	85,661,463
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	333,521,211	367,472,367	395,899,609	422,143,172	456,923,955	492,984,481	250,610,012	276,908,387	300,744,247	322,344,271	350,547,759	379,471,955
Other labor income	33,431,831	35,371,638	36,430,186	39,212,199	42,465,649	45,859,801	24,713,882	26,191,163	27,213,706	29,446,925	32,032,553	34,681,049
Proprietors' income[6]	38,518,863	47,630,548	50,284,482	56,357,236	62,249,070	68,228,093	24,858,927	28,958,094	32,069,138	36,199,291	39,800,446	42,968,257
Farm	4,483,557	8,587,718	7,032,521	7,391,521	8,524,868	10,804,599	2,331,915	2,971,582	2,718,473	2,881,033	2,998,511	3,558,801
Nonfarm	34,035,306	39,042,830	43,251,961	48,965,715	53,724,202	57,423,494	22,527,012	25,986,512	29,350,665	33,318,258	36,801,935	39,409,456
Earnings by industry:												
Farm	6,388,975	10,456,060	8,882,542	9,225,131	10,457,437	12,747,170	3,070,989	3,696,548	3,436,180	3,592,676	3,747,793	4,311,704
Nonfarm	399,082,930	440,018,493	473,731,735	508,487,476	551,181,237	594,325,205	297,111,832	328,361,096	356,590,911	384,397,811	418,632,965	452,809,557
Private	322,740,082	358,545,397	385,844,862	415,410,660	451,492,201	487,555,807	239,839,672	267,185,371	290,574,939	314,438,726	343,504,315	372,226,515
Agricultural services, forestry, fisheries, and other[7]	2,343,638	2,368,280	2,596,550	2,731,802	3,362,274	3,774,706	1,419,495*	1,471,808*	1,687,500*	1,833,031*	2,194,776*	2,452,175*
Agricultural services	1,810,913	1,953,978	2,090,726	2,201,532	2,887,242	3,262,735	1,144,396*	1,234,384*	1,381,251*	1,467,866*	1,875,983*	2,074,844*
Forestry, fisheries, and other[7]	532,725	414,302	505,824	530,270	475,032	511,971	(D)	(D)	(D)	270,900*	(D)	(D)
Mining	8,946,241	9,660,186	10,011,366	8,211,394	7,669,312	7,851,116	3,870,358*	4,094,187*	4,551,693*	3,327,504*	3,025,785*	3,156,995*
Coal mining	4,047,834	4,500,471	4,317,032	4,097,686	3,802,338	3,697,680	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	3,998,426	4,149,037	4,646,704	3,024,293	2,716,249	2,889,259	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	51,919	57,022	57,751	48,615	71,037	74,161	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	848,062	953,656	989,879	1,040,800	1,079,688	1,190,016	(D)	(D)	(D)	(D)	(D)	(D)
Construction	26,419,355	30,650,451	33,355,070	36,566,360	38,866,956	41,543,076	19,930,582*	23,179,859*	25,444,920*	28,237,322*	30,085,482*	32,285,407*
Manufacturing	86,882,796	95,596,239	99,560,990	104,882,261	111,224,787	118,302,639	55,979,369*	61,623,179*	64,747,460	67,952,433	71,696,695*	76,465,666
Nondurable goods	45,840,863	48,125,473	49,392,162	52,420,405	55,740,732	58,755,926	27,516,072*	28,836,222*	29,993,760*	31,643,341*	33,552,433*	35,650,837*
Food and kindred products	6,965,475	7,220,611	7,554,071	8,075,633	8,522,521	8,925,173	4,168,015*	4,322,029*	4,455,318*	4,669,846*	(D)	(D)
Textile mill products	9,109,118	9,332,568	9,032,078	9,825,667	10,770,743	11,088,969	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	5,112,109	5,487,630	5,338,196	5,570,575	5,795,133	6,084,399	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	4,881,361	5,263,998	5,542,280	5,881,427	6,172,653	6,528,390	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	4,021,012	4,559,237	5,120,908	5,638,039	6,125,725	6,680,224	3,120,610*	3,595,057*	4,077,045*	4,496,318*	4,898,171*	5,373,328*
Chemicals and allied products	8,668,258	8,732,529	9,039,707	9,393,951	9,639,104	10,274,856	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,178,377	1,185,359	1,189,491	1,235,048	1,270,017	1,300,811	1,026,697*	1,033,823*	1,033,770*	1,066,009*	1,096,603*	1,125,564*
Tobacco manufactures	1,914,636	1,890,645	1,977,952	2,005,154	2,167,596	2,295,859	1,752,451*	1,741,454*	1,833,316*	1,854,286*	(D)	(D)
Rubber and misc. plastic products	3,482,048	3,974,874	4,171,831	4,399,569	4,874,405	5,165,119	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	508,469	478,022	425,648	395,342	402,835	412,126	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	41,041,933	47,470,766	50,168,828	52,461,856	55,484,055	59,546,713	27,961,475*	32,269,724*	34,536,684*	35,725,346*	37,939,485*	40,541,780*
Lumber and wood products	3,967,823	4,507,931	4,761,793	5,181,507	5,621,326	5,911,844	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	2,824,426	3,196,124	3,371,937	3,556,362	3,905,528	4,099,492	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	3,801,341	4,320,562	4,187,801	4,267,261	4,438,991	4,967,857	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	4,551,553	5,375,446	5,703,868	5,889,595	6,053,064	6,350,014	2,879,140*	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	6,261,202	7,426,238	8,009,108	8,168,222	8,563,705	9,395,004	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	7,602,812	8,825,153	9,216,041	9,405,105	9,826,776	10,487,371	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	4,781,462	5,238,531	5,774,029	6,236,849	6,749,806	7,049,753	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,247,768	2,929,773	3,258,312	3,456,131	3,604,931	4,068,627	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,918,459	3,308,212	3,417,814	3,657,208	3,861,357	4,091,001	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	1,185,419	1,298,275	1,385,616	1,495,671	1,615,459	1,769,526	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	899,668	1,044,521	1,082,509	1,147,945	1,243,112	1,356,224	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	32,567,687	35,150,009	37,040,658	39,375,939	42,405,432	45,073,283	25,402,172*	27,248,548*	28,847,787*	30,442,261*	33,230,187*	35,354,506*
Railroad transportation	3,162,477	3,325,988	3,193,395	2,990,930	2,880,277	2,882,772	1,972,172*	2,109,364*	2,110,277*	1,984,321*	1,851,711*	1,905,285*
Trucking and warehousing	7,718,804	9,054,493	9,294,113	9,978,407	10,943,704	11,887,340	5,363,775*	6,043,786*	6,218,891*	6,654,235*	7,501,258*	7,816,497*
Water transportation	1,446,514	1,480,354	1,523,525	1,409,042	1,403,187	1,575,129	1,151,668*	1,154,850*	1,196,595*	1,115,314*	1,111,773*	1,258,974*
Other transportation[8]	5,360,920	5,763,259	6,346,892	7,063,486	7,938,772	8,551,345	(D)	(D)	(D)	(D)	(D)	(D)
Communication	8,710,767	8,757,303	9,144,763	9,383,195	10,332,684	10,812,284	(D)	(D)	7,173,400*	7,662,293*	8,413,183*	8,849,787*
Electric, gas, and sanitary services	6,168,205	6,768,612	7,537,970	8,550,879	8,906,808	9,364,413	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	24,712,128	27,735,948	30,205,425	31,636,160	34,421,027	37,786,054	20,822,035*	23,383,916*	25,639,015*	26,960,693*	29,392,475*	32,335,830*
Retail trade	43,416,465	47,478,990	51,055,189	54,694,969	58,644,562	63,112,006	32,359,473	35,628,698	38,590,451	41,557,825	44,727,843	48,118,636
Finance, insurance, and real estate	21,100,557	23,009,493	25,523,054	28,911,901	32,660,935	34,891,625	17,949,755*	19,635,868*	22,015,774*	25,103,569*	28,447,241*	30,387,722*
Banking and credit agencies	8,186,874	9,041,210	9,967,597	11,198,275	12,211,842	12,957,430	5,794,255*	6,402,020*	(D)	8,203,518*	8,942,855*	9,700,706*
Other finance, insurance, and real estate[9]	12,913,683	13,968,283	15,555,457	17,713,626	20,449,093	21,934,195	10,689,255*	11,461,586*	12,846,981*	14,926,165*	17,022,823*	18,722,822*
Services	76,351,215	86,895,801	96,496,560	108,399,874	122,236,916	135,221,302	61,594,075*	70,333,688*	78,519,222*	88,523,287*	100,527,302	111,442,241
Hotels and other lodging places	3,268,508	3,598,561	3,871,955	4,192,556	4,678,421	5,040,513	(D)	(D)	2,914,754*	3,172,395*	3,632,057*	(D)
Personal services	3,811,010	4,120,622	5,010,061	5,492,181	5,956,534	6,524,536	2,849,383*	3,102,643*	3,719,240*	4,096,376*	4,439,938*	4,876,104*
Private households	2,454,802	2,757,318	2,798,525	2,819,248	2,864,471	2,921,252	1,706,342*	1,931,448*	1,960,895*	1,973,433*	2,009,693*	2,053,971*
Business services	12,291,542	14,965,073	17,488,253	19,952,956	22,832,376	25,572,261	10,852,049*	13,123,542*	15,389,922*	17,618,056*	20,302,678*	22,719,866*
Auto repair, services, and garages	3,336,803	3,921,277	4,384,242	4,787,548	5,191,774	5,696,140	2,486,434	2,918,077	3,277,214	3,595,814	3,919,888	4,299,053
Miscellaneous repair services	1,755,904	2,052,467	1,927,709	2,181,642	2,355,002	2,673,837	1,282,456*	1,501,686*	1,425,878*	1,618,666*	1,757,410*	1,912,160*
Amusement and recreation services	1,984,010	2,202,383	2,410,223	2,701,568	3,016,985	3,278,699	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	229,291	269,324	297,479	321,823	341,597	365,777	(D)	(D)	(D)	(D)	(D)	(D)
Health services	25,408,374	27,688,496	30,368,847	33,310,155	38,715,932	42,888,954	20,074,210*	21,942,259*	24,212,688*	26,630,157*	31,105,309*	34,557,802*
Legal services	5,309,738	6,457,231	7,206,667	8,348,652	9,424,005	10,468,379	4,557,490*	5,542,087*	6,215,678	7,221,085	8,216,099*	9,113,976*
Educational services	2,737,594	3,047,094	3,351,443	3,629,052	4,007,311	4,451,065	(D)	(D)	(D)	(D)	(D)	(D)
Social services	1,666,076	1,853,504	2,082,548	2,338,646	2,620,550	2,983,784	1,226,299*	1,375,363*	1,559,484*	1,771,377*	1,995,819*	2,288,236*
Museums, botanical, zoological gardens	32,702	35,953	42,857	78,255	86,083	97,671	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,389,813	3,658,952	3,763,474	3,977,986	4,242,578	4,625,651	2,461,521*	2,698,393*	2,819,060*	2,999,699*	3,217,868*	3,541,043*
Miscellaneous services	8,675,048	10,267,546	11,492,277	14,267,606	15,903,297	17,632,783	7,245,263	8,568,556*	9,689,019*	11,936,363*	13,191,377*	14,716,160*
Government and government enterprises	76,342,848	81,473,096	87,886,873	93,076,816	99,689,036	106,769,398	57,272,160	61,175,725	66,015,972	69,959,085	75,128,650	80,583,042
Federal, civilian	17,812,212	18,834,469	19,954,549	19,993,821	21,356,562	23,288,834	14,825,009	15,736,590	16,673,094	16,755,803	17,922,895	19,579,412
Military	12,716,365	13,467,953	14,301,215	14,889,645	15,539,546	15,779,069	10,336,961	10,950,228	11,661,869	12,177,870	12,678,622	12,874,601
State and local	45,814,271	49,170,674	53,631,109	58,193,350	62,792,928	67,701,495	32,110,190	34,488,907	37,681,009	41,025,412	44,527,133	48,129,029

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Southeast (Nonmetropolitan portion)						Southwest					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**165,597,754**	**182,483,685**	**191,859,432**	**203,477,656**	**216,839,662**	**233,421,353**	**272,358,873**	**296,108,830**	**318,146,804**	**327,231,760**	**339,845,989**	**359,914,194**
Nonfarm personal income	162,279,768	175,724,173	186,413,070	197,845,201	210,130,018	224,985,887	268,808,672	292,251,157	314,087,363	322,772,642	334,488,549	354,532,163
Farm income[1]	3,317,986	6,759,512	5,446,362	5,632,455	6,709,644	8,435,466	3,550,201	3,857,673	4,059,441	4,459,118	5,357,440	5,382,031
Population (thousands)[2]	19,543.2	19,695.1	19,823.8	19,910.9	20,003.0	20,079.1	23,480.7	23,859.8	24,293.9	24,734.3	24,931.8	25,073.7
Per capita personal income (dollars)	**8,473**	**9,265**	**9,678**	**10,219**	**10,840**	**11,625**	**11,599**	**12,410**	**13,096**	**13,230**	**13,631**	**14,354**
Derivation of total personal income:												
Total earnings by place of work	105,289,084	118,416,909	122,587,186	129,722,120	139,257,916	149,951,114	206,604,243	225,170,621	240,344,122	244,551,798	252,460,272	266,484,631
Less: Personal contributions for social insurance[3]	5,899,113	6,524,244	7,201,537	7,748,932	8,256,954	9,293,142	11,287,892	12,293,366	13,776,771	14,242,288	14,587,247	16,092,997
Plus: Adjustment for residence	6,724,597	7,562,873	8,516,039	9,464,661	10,640,049	11,429,527	−282,028	−243,542	−303,410	−269,899	−238,765	−268,156
Equals: Net earnings by place of residence	106,114,568	119,455,538	123,901,688	131,437,849	141,641,011	152,087,499	195,034,323	212,633,713	226,263,941	230,039,611	237,634,260	250,123,478
Plus: Dividends, interest, and rent[4]	24,775,767	27,222,281	29,423,312	30,789,124	32,102,189	35,155,313	41,908,933	46,805,005	52,021,396	53,653,519	55,711,828	60,203,928
Plus: Transfer payments	34,707,419	35,805,866	38,534,432	41,250,683	43,096,462	46,178,541	35,415,617	36,670,112	39,861,467	43,538,630	46,499,901	49,586,788
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	82,911,199	90,563,980	95,155,362	99,798,901	106,376,196	113,512,526	166,748,867	181,550,444	194,121,599	196,021,911	201,188,309	212,861,820
Other labor income	8,717,949	9,180,475	9,216,480	9,765,274	10,433,096	11,178,752	17,347,753	18,019,967	18,153,787	18,777,728	19,291,049	20,524,912
Proprietors' income[5]	13,659,936	18,672,454	18,215,344	20,157,945	22,448,624	25,259,836	22,507,623	25,600,210	28,068,736	29,752,159	31,980,914	33,097,899
Farm	2,151,642	5,616,136	4,314,048	4,510,488	5,526,357	7,245,798	2,751,040	3,073,229	3,283,621	3,691,644	4,548,250	4,572,744
Nonfarm	11,508,294	13,056,318	13,901,296	15,647,457	16,922,267	18,014,038	19,756,583	22,526,981	24,785,115	26,060,515	27,432,664	28,525,155
Earnings by industry:												
Farm	3,317,986	6,759,512	5,446,362	5,632,455	6,709,644	8,435,466	3,550,201	3,857,673	4,059,441	4,459,118	5,357,440	5,382,031
Nonfarm	101,971,098	111,657,397	117,140,824	124,089,665	132,548,272	141,515,648	203,054,042	221,312,948	236,284,681	240,092,680	247,102,832	261,102,600
Private	82,900,410	91,360,026	95,269,923	100,971,934	107,987,886	115,329,292	169,570,797	185,594,793	197,346,494	199,294,537	204,070,768	215,575,044
Agricultural services, forestry, fisheries, and other[7]	892,368*	861,720*	873,837*	857,014*	1,072,037*	1,153,715*	1,096,090	1,105,558	1,178,611	1,174,483	1,418,614	1,549,512
Agricultural services	558,507*	(D)	(D)	(D)	(D)	(D)	987,478	1,036,589	1,075,137	1,056,709	1,327,810	1,450,778
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	108,612	68,969	103,474	117,774	90,804	98,734
Mining	4,871,847*	5,326,152*	5,206,035*	4,662,544*	4,288,838*	4,318,935*	13,443,649	13,849,968	13,798,323	11,437,990	10,351,428	10,778,750
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	224,667	258,111	264,225	394,875	369,913	362,944
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	12,320,993	12,718,081	12,727,761	10,287,405	9,225,374	9,556,534
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	569,736	539,119	490,581	421,014	435,410	539,386
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	328,253	334,657	315,756	334,696	320,731	319,886
Construction	6,340,048*	7,262,851*	7,649,629*	8,104,236*	8,576,609*	9,068,107*	17,824,441	19,637,804	20,296,651	19,521,739	18,313,551	18,200,848
Manufacturing	30,895,221*	33,968,738*	34,795,579*	36,919,995*	39,519,004*	41,823,599*	33,282,386	36,260,015	38,026,163	38,176,174	39,053,576	41,862,932
Nondurable goods	17,183,693*	18,031,080*	18,429,650*	19,726,257*	21,123,207*	21,991,593*	12,931,211	13,616,198	13,977,206	14,400,896	14,727,061	15,472,673
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	2,526,981	2,644,316	2,738,728	2,892,694	2,966,166	3,028,835
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	125,460	124,347	121,385	124,415	123,637	121,586
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	919,088	973,653	952,927	918,104	952,241	1,004,294
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	710,692	817,884	829,722	865,389	913,695	987,680
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	1,881,112	2,091,433	2,280,752	2,391,107	2,474,329	2,570,199
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,036,551	3,132,862	3,394,803	3,673,897	3,760,469	4,199,189
Petroleum and coal products	(D)	147,431*	(D)	163,670*	168,603*	164,603*	2,544,102	2,499,543	2,324,619	2,191,147	2,128,228	2,059,256
Tobacco manufactures	141,762*	137,773*	132,972*	143,624*	(D)	(D)	2,622	2,937	3,650	3,928	2,682	2,688
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,052,850	1,202,506	1,204,856	1,213,650	1,272,623	1,354,952
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	131,753	126,717	125,764	126,565	132,991	143,994
Durable goods	12,327,319*	14,263,476*	14,751,218*	15,525,196*	16,782,021*	18,199,989*	20,351,175	22,643,817	24,048,957	23,775,278	24,326,515	26,390,259
Lumber and wood products	(D)	(D)	(D)	(D)	3,372,041*	3,712,276*	948,267	1,058,919	1,056,600	1,060,101	1,048,227	1,044,016
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	341,237	394,059	406,065	415,207	418,621	440,068
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,359,306	1,517,776	1,397,166	1,309,079	1,242,028	1,408,015
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,479,724	2,649,022	2,714,814	2,577,739	2,559,831	2,679,650
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	5,090,891	5,599,757	5,870,294	5,045,688	4,908,501	5,563,382
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,874,805	4,405,601	4,922,682	5,135,586	5,449,374	5,894,689
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,760,777	2,977,824	3,398,278	3,962,540	4,363,764	4,658,102
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	733,925	909,572	945,742	837,725	890,052	1,065,962
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,508,848	1,672,950	1,786,926	1,782,353	1,701,510	1,694,003
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	817,447	902,599	998,831	1,107,377	1,157,712	1,317,958
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	435,948	555,738	551,559	541,883	586,895	624,414
Transportation and public utilities	6,277,315*	6,905,657*	(D)	(D)	8,371,672*	8,873,367*	15,493,460	16,621,458	17,615,264	17,721,539	18,314,430	19,126,753
Railroad transportation	934,249*	911,314*	885,249*	851,703*	810,414*	819,001*	1,150,973	1,265,098	1,227,903	1,169,986	1,156,890	1,108,785
Trucking and warehousing	1,979,231*	2,450,886*	2,432,550*	2,624,619*	2,936,138*	3,167,121*	3,452,121	3,884,290	3,877,144	3,913,832	4,111,543	4,327,212
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	448,400	446,356	425,197	362,934	371,378	414,456
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,860,230	3,048,864	3,316,131	3,614,394	4,038,778	4,458,614
Communication	(D)	(D)	(D)	(D)	(D)	(D)	4,057,652	3,975,767	4,249,295	4,238,779	4,637,416	4,579,039
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	3,524,084	4,001,083	4,519,594	4,421,564	3,998,425	4,238,647
Wholesale trade	3,748,313*	4,187,221*	4,416,972*	4,511,093*	4,835,886*	5,253,479*	14,248,831	15,256,005	16,194,269	16,137,380	16,174,423	17,274,224
Retail trade	11,056,992	11,850,292	12,464,738	13,137,144	13,916,719	14,993,370	22,274,574	24,163,322	25,559,522	25,774,252	25,849,836	26,892,375
Finance, insurance, and real estate	3,105,503*	3,333,492*	3,496,105*	3,795,598*	4,182,218*	4,467,538*	12,654,232	14,328,277	15,787,704	16,938,842	17,539,617	17,804,026
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	4,733,851	5,314,602	5,900,919	6,279,470	6,278,595	6,240,077
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	7,920,381	9,013,675	9,886,785	10,659,372	11,261,022	11,563,949
Services	14,240,899*	15,994,813*	17,311,594*	19,164,958*	21,198,762*	23,218,915*	39,253,134	44,372,386	48,889,987	52,412,138	57,055,293	62,085,624
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	1,431,786	1,521,052	1,610,352	1,640,863	1,793,152	1,882,024
Personal services	951,587*	1,000,872*	1,258,725*	1,359,009*	1,474,438*	1,602,689*	2,162,659	2,300,061	2,768,149	2,907,941	3,022,070	3,213,223
Private households	722,382*	815,388*	820,357*	824,530*	831,197*	842,584*	888,492	999,575	1,017,718	1,029,522	1,038,263	1,050,066
Business services	1,373,635*	1,762,323*	(D)	(D)	(D)	(D)	8,768,815	10,279,747	11,739,491	12,244,433	13,170,725	14,403,227
Auto repair, services, and garages	845,302*	996,638*	1,104,751*	1,186,730*	1,267,755*	1,393,271*	1,879,068	2,179,524	2,400,201	2,546,354	2,643,228	2,794,076
Miscellaneous repair services	441,908*	522,100*	475,265*	529,234*	553,823*	640,907*	870,757	998,436	945,785	972,714	998,968	1,116,700
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	719,637	846,830	946,813	1,026,305	1,105,814	1,241,535
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	139,626	160,088	176,369	188,692	179,278	200,377
Health services	5,256,682*	5,661,801*	6,134,653*	6,655,635*	7,577,148*	8,302,234*	11,530,100	12,375,794	13,393,214	14,483,172	16,553,315	18,141,759
Legal services	741,871*	901,222*	986,161*	1,121,634*	1,202,840*	1,347,847*	3,058,206	3,699,813	4,231,943	4,900,009	5,449,468	6,178,164
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	980,067	1,096,606	1,205,453	1,289,486	1,437,552	1,597,667
Social services	(D)	(D)	(D)	(D)	(D)	(D)	781,173	897,463	1,002,289	1,056,848	1,166,568	1,283,227
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	31,797	36,447	40,063	45,702	49,056	54,178
Membership organizations	864,723*	892,999*	897,565*	926,605*	972,914*	1,034,516*	1,635,942	1,752,372	1,869,483	1,992,380	2,121,285	2,301,611
Miscellaneous services	1,408,206*	1,685,696*	1,772,932*	2,296,350*	2,561,142*	2,793,283*	4,375,009	5,228,578	5,542,664	6,087,717	6,326,551	6,627,790
Government and government enterprises	19,070,688	20,297,371	21,870,901	23,117,731	24,560,386	26,186,356	33,483,245	35,718,155	38,938,187	40,798,143	43,032,064	45,527,556
Federal, civilian	2,987,203	3,097,879	3,281,455	3,238,018	3,433,667	3,709,422	7,001,349	7,602,211	8,273,013	8,316,595	8,834,081	9,575,023
Military	2,379,404	2,517,725	2,639,346	2,711,775	2,860,924	2,904,468	4,197,898	4,327,292	4,537,649	4,772,220	4,987,742	5,003,036
State and local	13,704,081	14,681,767	15,950,100	17,167,938	18,265,795	19,572,466	22,283,998	23,788,652	26,127,525	27,709,328	29,210,241	30,949,497

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Southwest (Metropolitan portion)						Southwest (Nonmetropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**214,719,688**	**234,293,259**	**252,729,121**	**260,550,430**	**270,879,873**	**287,384,101**	**57,639,185**	**61,815,571**	**65,417,683**	**66,681,330**	**68,966,116**	**72,530,093**
Nonfarm personal income	213,786,885	233,276,076	251,701,913	259,495,604	269,679,694	286,158,791	55,021,787	58,975,081	62,385,450	63,277,038	64,808,855	68,373,372
Farm income[1]	932,803	1,017,183	1,027,208	1,054,826	1,200,179	1,225,310	2,617,398	2,840,490	3,032,233	3,404,292	4,157,261	4,156,721
Population (thousands)[2]	17,449.0	17,806.8	18,218.4	18,626.7	18,844.5	18,992.2	6,031.7	6,053.0	6,075.5	6,107.6	6,087.3	6,081.5
Per capita personal income (dollars)	**12,306**	**13,157**	**13,872**	**13,988**	**14,374**	**15,132**	**9,556**	**10,212**	**10,767**	**10,918**	**11,330**	**11,926**
Derivation of total personal income:												
Total earnings by place of work	170,722,357	186,731,265	200,121,960	204,203,179	210,459,529	222,729,741	35,881,886	38,439,356	40,222,162	40,348,619	42,000,743	43,754,890
Less: Personal contributions for social insurance[3]	9,373,794	10,248,817	11,531,894	11,966,336	12,251,464	13,509,775	1,914,098	2,044,549	2,244,877	2,275,952	2,335,783	2,583,222
Plus: Adjustment for residence	−2,806,381	−3,029,942	−3,208,551	−3,217,887	−3,175,449	−3,343,434	2,524,353	2,786,400	2,905,141	2,947,988	2,936,684	3,075,278
Equals: Net earnings by place of residence	158,542,182	173,452,506	185,381,515	189,018,956	195,032,616	205,876,532	36,492,141	39,181,207	40,882,426	41,020,655	42,601,644	44,246,946
Plus: Dividends, interest, and rent[5]	31,422,020	35,205,973	39,332,736	40,806,692	42,889,978	46,345,256	10,486,913	11,599,032	12,688,660	12,846,827	12,821,850	13,858,672
Plus: Transfer payments	24,755,486	25,634,780	28,014,870	30,724,782	32,957,279	35,162,313	10,660,131	11,035,332	11,846,597	12,813,848	13,542,622	14,424,475
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	140,580,690	153,685,005	164,936,975	167,438,930	172,026,972	182,354,903	26,168,177	27,865,439	29,184,624	28,582,981	29,161,337	30,506,917
Other labor income	14,566,968	15,150,549	15,314,740	15,937,313	16,382,572	17,437,185	2,780,785	2,869,418	2,839,047	2,840,415	2,908,477	3,087,727
Proprietors' income[6]	15,574,699	17,895,711	19,870,245	20,826,936	22,049,985	22,937,653	6,932,924	7,704,499	8,198,491	8,925,223	9,930,929	10,160,246
Farm	678,447	768,657	783,291	812,799	944,818	970,146	2,072,593	2,304,572	2,500,330	2,878,845	3,603,432	3,602,598
Nonfarm	14,896,252	17,127,054	19,086,954	20,014,137	21,105,167	21,967,507	4,860,331	5,399,927	5,698,161	6,046,378	6,327,497	6,557,648
Earnings by industry:												
Farm	932,803	1,017,183	1,027,208	1,054,826	1,200,179	1,225,310	2,617,398	2,840,490	3,032,233	3,404,292	4,157,261	4,156,721
Nonfarm	169,789,554	185,714,082	199,094,752	203,148,353	209,259,350	221,504,431	33,264,488	35,598,866	37,189,929	36,944,327	37,843,482	39,598,169
Private	143,291,991	157,336,457	168,079,521	170,617,246	174,889,351	185,096,518	26,278,806	28,258,336	29,266,973	28,677,291	29,181,417	30,478,526
Agricultural services, forestry, fisheries, and other[7]	694,584	720,141	779,231	796,932*	923,115*	998,921	397,552*	379,983*	384,018*	354,790*	474,226*	517,371*
Agricultural services	607,787*	627,023*	694,205*	707,985*	855,757*	928,408*	342,512*	332,925*	330,198*	312,201*	(D)	(D)
Forestry, fisheries, and other[7]	58,400*	(D)	56,836*	69,295*	53,619*	57,770*	(D)	(D)	(D)	41,849*	(D)	(D)
Mining	9,704,059	10,018,899	10,032,855	8,354,266*	7,502,869*	7,884,318	3,539,761*	3,650,187*	(D)	2,967,771*	2,778,261*	2,714,104*
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	8,514,601*	8,931,106*	8,950,640*	(D)	6,728,741*	6,956,227*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	143,957*	132,001*	94,845*	74,728*	91,375*	116,261*	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	14,834,073	16,283,544	16,715,975	16,157,081	14,970,960	14,915,673	2,986,940*	3,351,788*	3,521,179*	3,362,853*	3,340,677*	3,208,644*
Manufacturing	28,462,474	31,007,148	32,715,705	32,924,653	33,684,355	36,101,357	4,802,641*	5,250,413*	5,305,689*	5,246,100*	5,367,600*	5,756,973*
Nondurable goods	10,747,080*	11,301,042*	11,663,682*	12,060,291*	12,325,636*	12,955,451*	2,049,463*	2,179,945*	2,215,542*	2,236,230*	2,190,717*	2,291,364*
Food and kindred products	1,950,696*	2,074,342*	2,121,023*	2,234,330*	2,296,798*	2,328,515*	(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	644,006*	701,115*	691,279*	(D)	691,336*	735,413*	(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	1,700,280*	1,895,813*	2,072,448*	2,175,085*	2,244,197*	2,321,276*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	2,506,621*	2,601,978*	2,962,289*	3,166,273*	3,238,472*	3,620,953*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,071,611*	2,026,141*	1,896,280*	1,776,918*	1,709,110*	1,632,430*	464,634*	464,408*	421,136*	401,191*	410,711*	422,917*
Tobacco manufactures	(D)	(D)	3,650	3,928	2,682	2,688	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)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	17,713,544*	19,703,917*	21,049,041*	20,860,769*	21,336,164*	23,120,485*	(D)	(D)	2,707,060*	2,734,341*	2,780,278*	3,026,081*
Lumber and wood products	524,669*	588,982*	604,579*	604,820*	554,342*	525,272*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	242,485*	277,263*	293,459*	311,571*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	928,665*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	2,104,470*	2,106,098*	2,250,653*	2,085,639*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	4,188,587*	4,723,729*	5,219,776*	4,486,871*	4,100,987*	4,667,642*	(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	1,109,536*	1,237,499*	1,338,660*	1,334,519*	1,232,760*	1,224,947*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	1,094,598*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	392,967*	512,696*	506,154*	489,592*	530,442*	552,551*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	12,646,485	13,546,645	14,419,998	14,411,842	14,970,267	15,716,115	(D)	2,978,202*	3,012,234*	3,057,602*	3,193,972*	3,245,315*
Railroad transportation	(D)	911,889*	817,042*	818,716*	808,719*	780,817*	315,375*	331,124*	333,667*	321,034*	322,765*	317,217*
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	688,344*	824,991*	798,167*	753,447*	775,974*	807,706*
Water transportation	428,097*	421,989*	400,969*	346,003*	355,018*	396,018*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	3,379,246*	3,685,685*	3,602,872*	3,962,234*	3,959,450*	(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	12,875,920	13,789,840	14,714,943	14,757,016*	14,777,839	15,771,865	1,362,015*	1,453,029*	1,475,739*	1,370,870*	1,391,168*	1,495,372*
Retail trade	18,357,968	20,112,125	21,355,757	21,623,607	21,704,158	22,559,660	3,915,379*	4,051,197	4,203,765	4,150,645	4,145,678	4,332,715
Finance, insurance, and real estate	11,480,871	13,020,390	14,434,462	15,532,320	16,112,477	16,364,040	1,163,783*	1,303,600*	1,350,662*	1,404,772*	1,426,664*	1,436,750*
Banking and credit agencies	(D)	(D)	(D)	5,397,350*	5,406,416*	5,349,904*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	10,061,365*	10,616,497*	10,888,820*	(D)	(D)	(D)	(D)	(D)	(D)
Services	34,235,557	38,837,725	42,910,595	46,051,636	50,237,661	54,784,569	4,933,617*	5,455,393*	5,717,272*	6,157,217*	6,691,639*	7,041,360*
Hotels and other lodging places	1,194,779*	1,263,398*	1,371,927*	1,403,258*	1,534,087*	1,614,120*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	1,812,193	1,938,377	2,306,595	2,418,585*	2,520,062*	2,681,764*	345,880*	352,316*	458,393*	475,309*	485,689*	516,508*
Private households	652,676*	734,910*	750,146*	759,218*	761,922*	768,155*	185,359*	210,970*	215,035*	214,817*	217,420*	221,140*
Business services	7,897,008	9,257,070	10,585,489	11,062,035	11,902,606	13,046,749	864,444*	1,007,151*	1,143,040*	1,160,934*	1,260,217*	1,351,461*
Auto repair, services, and garages	1,523,668	1,768,421	1,948,558	2,080,655	2,166,486	2,285,851	355,154*	407,537*	448,316*	464,764*	475,865*	507,971*
Miscellaneous repair services	686,329	789,917	756,728*	781,871	807,869	905,927	179,916*	203,868*	180,264*	185,662*	189,152*	209,513*
Amusement and recreation services	610,111*	740,728*	825,681*	891,666*	967,497*	1,108,938*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	163,350*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	10,051,080	10,818,037	11,733,453	12,696,736	14,604,717	16,056,780	1,479,020	1,557,757	1,659,761	1,786,436	1,948,598	2,079,906*
Legal services	2,820,898	3,416,701	3,924,291	4,560,358	5,102,716	5,796,222	234,423*	279,631*	302,581*	338,895*	346,418*	380,474*
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	635,869*	740,841*	833,909*	879,268*	981,907*	1,076,155*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	1,214,302*	1,309,386*	1,411,980	1,509,213	1,606,871	1,746,799	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	3,977,791	4,768,688	5,062,856	5,494,015	5,629,137	5,873,627	382,698*	445,703*	474,685*	578,866*	(D)	(D)
Government and government enterprises	26,497,563	28,377,625	31,015,231	32,531,107	34,369,999	36,407,913	6,985,682	7,340,530	7,922,956	8,267,036	8,662,065	9,119,643
Federal, civilian	5,836,931	6,355,612	6,975,193	7,030,975	7,458,966	8,126,467	1,164,418	1,246,599	1,297,820	1,285,620	1,375,115	1,448,556
Military	3,487,541	3,585,628	3,765,496	3,960,460	4,140,870	4,157,213	710,357	741,664	772,153	811,760	846,872	845,823
State and local	17,173,091	18,436,385	20,274,542	21,539,672	22,770,163	24,124,233	5,110,907	5,352,267	5,852,983	6,169,656	6,440,078	6,825,264

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Rocky Mountain						Rocky Mountain (Metropolitan portion)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**80,933,743**	**86,931,934**	**91,521,756**	**95,050,737**	**99,057,077**	**104,485,581**	**53,131,923**	**57,819,411**	**61,340,029**	**63,774,984**	**66,722,266**	**70,494,940**
Nonfarm personal income	79,660,133	85,672,392	90,317,847	93,268,795	97,007,901	102,554,668	52,962,558	57,595,123	61,119,646	63,503,473	66,435,043	70,219,515
Farm income[1]	1,273,610	1,259,542	1,203,909	1,781,942	2,049,176	1,930,913	169,365	224,288	220,383	271,511	287,223	275,425
Population (thousands)[2]	7,064.9	7,149.4	7,218.5	7,256.3	7,271.3	7,277.8	4,288.8	4,359.2	4,430.9	4,481.7	4,523.4	4,540.5
Per capita personal income (dollars)	**11,456**	**12,159**	**12,679**	**13,099**	**13,623**	**14,357**	**12,388**	**13,264**	**13,844**	**14,230**	**14,750**	**15,526**
Derivation of total personal income:												
Total earnings by place of work	60,244,196	65,184,812	68,453,612	70,662,437	72,980,309	76,714,281	41,178,440	45,176,588	47,894,273	49,484,520	51,162,381	53,917,998
Less: Personal contributions for social insurance[3]	3,356,884	3,665,829	4,028,388	4,235,583	4,329,158	4,769,979	2,283,534	2,515,451	2,778,839	2,957,005	3,030,185	3,331,537
Plus: Adjustment for residence	35,008	36,682	42,423	45,025	53,513	64,445	−326,939	−342,465	−395,945	−400,740	−394,762	−428,676
Equals: Net earnings by place of residence	56,922,320	61,555,665	64,467,647	66,471,879	68,704,664	72,008,747	38,567,967	42,318,672	44,719,489	46,126,775	47,737,434	50,157,785
Plus: Dividends, interest, and rent[4]	13,172,847	14,263,403	15,144,399	15,512,342	16,353,225	17,640,207	8,099,965	8,858,885	9,489,305	9,812,601	10,508,719	11,341,659
Plus: Transfer payments	10,838,576	11,112,866	11,909,710	13,066,516	13,999,188	14,836,627	6,463,991	6,641,854	7,131,235	7,835,608	8,476,113	8,995,496
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	48,831,280	52,802,350	55,588,933	56,602,034	58,053,477	61,219,884	34,340,946	37,584,862	39,837,139	40,961,605	42,159,792	44,472,567
Other labor income	4,692,837	4,898,026	4,955,618	5,011,496	5,188,679	5,511,987	3,282,722	3,465,804	3,528,234	3,603,957	3,731,358	3,957,724
Proprietors' income[5]	6,720,079	7,484,436	7,909,061	9,048,907	9,738,153	9,982,410	3,554,772	4,125,922	4,528,900	4,918,958	5,271,231	5,487,707
Farm	762,992	755,032	714,241	1,309,601	1,563,188	1,454,724	74,188	130,546	127,978	181,327	193,281	182,153
Nonfarm	5,957,087	6,729,404	7,194,820	7,739,306	8,174,965	8,527,686	3,480,584	3,995,376	4,400,922	4,737,631	5,077,950	5,305,554
Earnings by industry:												
Farm	1,273,610	1,259,542	1,203,909	1,781,942	2,049,176	1,930,913	169,365	224,288	220,383	271,511	287,223	275,425
Nonfarm	58,970,586	63,925,270	67,249,703	68,880,495	70,931,133	74,783,368	41,009,075	44,952,300	47,673,890	49,213,009	50,875,158	53,642,573
Private	47,681,605	51,918,542	54,364,977	55,388,866	56,790,554	59,937,090	33,366,266	36,816,352	38,904,331	39,989,517	41,224,580	43,531,163
Agricultural services, forestry, fisheries, and other[7]	378,324	377,276	376,807	352,675	457,509	499,191	166,905	177,057	186,373	183,903	222,671	238,919
Agricultural services	320,512	329,586	335,551	324,780	427,764	468,134	(D)	(D)	177,708*	174,806*	211,096*	226,736*
Forestry, fisheries, and other[7]	57,812	47,690	41,256	27,895	29,745	31,057	(D)	(D)	6,503*	6,736*	5,830*	6,462*
Mining	3,519,938	3,524,808	3,320,456	2,740,884	2,415,923	2,550,984	1,659,263	1,628,126	1,510,182	1,184,936	1,018,738	1,050,301
Coal mining	648,704	666,249	688,153	647,860	548,861	566,060	(D)	(D)	(D)	44,216*	33,656*	25,032*
Oil and gas extraction	1,951,003	1,998,726	1,929,017	1,426,167	1,191,487	1,231,902	1,218,323*	1,246,568*	1,265,489*	964,506*	769,742*	791,666*
Metal mining	646,520	584,023	426,901	376,837	410,337	468,752	(D)	258,778*	148,579*	121,376*	162,096*	187,724*
Nonmetallic minerals, except fuels	273,711	275,810	276,385	290,020	265,238	284,270	(D)	(D)	(D)	(D)	(D)	(D)
Construction	4,996,734	5,491,812	5,580,204	5,359,789	4,860,284	4,740,362	3,268,078	3,736,740	3,770,012	3,646,354	3,305,465	3,203,164
Manufacturing	8,499,044	9,499,619	9,914,212	10,134,349	10,486,287	11,298,120	6,451,858	7,239,417	7,585,188	7,777,354	7,988,488	8,658,595
Nondurable goods	2,812,219	3,063,296	3,208,653	3,319,800	3,498,145	3,762,492	1,972,443	2,134,096	2,260,664	2,350,268	2,487,836	2,686,876
Food and kindred products	1,135,266	1,181,256	1,194,261	1,255,021	1,336,547	1,442,008	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	8,724	8,329	7,194	7,180	6,289	9,456	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	106,753	116,301	121,645	124,163	127,028	135,985	73,544*	82,104*	86,201*	86,790*	90,432*	97,684*
Paper and allied products	151,215	170,268	185,566	197,933	204,868	213,510	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	604,877	691,685	758,070	785,932	843,443	894,585	492,579*	571,840*	632,429*	652,978*	705,782	747,998
Chemicals and allied products	398,860	494,973	534,063	537,257	546,813	599,524	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	184,892	168,648	165,543	164,608	163,553	167,090	144,413*	137,532*	141,232	143,787	146,662*	143,890*
Tobacco manufactures	109	129	86	127	166	94	109	(D)	(D)	(D)	166	94
Rubber and misc. plastic products	165,947	184,273	196,720	204,902	224,414	251,365	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	55,576	47,434	45,505	42,677	45,024	48,875	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	5,686,825	6,436,323	6,705,559	6,814,549	6,988,142	7,535,628	4,479,415	5,105,321	5,324,524	5,427,086	5,500,652	5,971,719
Lumber and wood products	752,977	803,757	806,604	827,879	868,001	908,632	157,368*	180,553*	181,506*	(D)	(D)	(D)
Furniture and fixtures	91,560	110,593	120,548	115,806	124,825	129,134	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	373,706	423,988	369,983	290,878	249,950	352,966	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	429,749	493,142	499,017	484,474	496,847	515,133	361,094*	419,865	420,140	403,888*	(D)	(D)
Machinery, except electrical	1,204,745	1,366,646	1,382,293	1,428,260	1,753,310	1,826,951	(D)	1,152,532*	1,170,309*	1,230,158*	1,537,133*	1,602,040*
Electric and electronic equipment	704,351	841,525	969,218	970,511	961,647	1,080,068	609,461*	(D)	(D)	824,638*	(D)	(D)
Transportation equip. excl. motor vehicles	715,119	847,137	1,043,936	1,163,289	1,265,373	1,363,337	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	78,600	94,704	99,061	96,529	98,437	98,740	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	412,536	476,994	478,749	467,532	424,147	420,959	293,254*	348,864*	342,841*	344,000	307,074	308,413
Instruments and related products	798,271	837,518	787,518	815,589	575,393	622,576	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	125,211	140,319	148,632	153,802	170,212	217,132	108,369*	115,218*	123,179*	127,070*	138,452	174,746*
Transportation and public utilities	5,485,688	5,774,794	6,024,007	6,080,021	6,308,076	6,569,577	3,781,881	3,961,319	4,170,537	4,178,556	4,452,500	4,668,917
Railroad transportation	753,333	799,868	795,395	688,327	640,599	604,083	359,187*	396,867	379,756	334,536*	289,900*	263,759*
Trucking and warehousing	1,232,245	1,404,895	1,416,368	1,420,826	1,508,691	1,610,889	770,882	864,481*	886,340	895,236	962,078	1,039,931
Water transportation	4,978	2,676	2,594	3,013	3,550	4,445	(D)	(D)	(D)	(E)	(D)	(D)
Other transportation[8]	931,883	944,585	985,365	1,081,508	1,165,504	1,314,838	(D)	(D)	(D)	(D)	(D)	(D)
Communication	1,497,844	1,496,306	1,602,238	1,579,067	1,783,093	1,806,654	(D)	1,191,402*	1,321,468*	1,308,821	1,513,921	1,536,249
Electric, gas, and sanitary services	1,065,405	1,126,464	1,222,047	1,307,280	1,206,639	1,228,668	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,664,613	3,967,944	4,140,737	4,109,725	4,196,986	4,415,517	2,893,397	3,158,473	3,334,191	3,330,039	3,395,005	3,586,709
Retail trade	6,357,608	6,816,398	7,058,469	7,176,358	7,243,316	7,585,236	4,255,710	4,646,974	4,847,669	4,973,817	5,021,953	5,212,727
Finance, insurance, and real estate	3,323,737	3,675,171	3,973,518	4,300,410	4,488,321	4,527,524	2,653,301	2,965,363	3,253,294	3,557,743	3,696,053	3,688,139
Banking and credit agencies	1,405,402	1,542,593	1,614,848	1,736,256	1,710,755	1,630,609	980,557*	1,111,400*	1,209,367*	1,324,521*	(D)	1,171,302*
Other finance, insurance, and real estate[9]	1,918,335	2,132,578	2,358,670	2,564,154	2,777,566	2,896,915	1,539,069*	1,747,018*	2,001,116*	2,188,210*	(D)	2,289,644*
Services	11,455,919	12,790,720	13,976,567	15,134,655	16,333,852	17,750,579	8,235,873	9,302,883	10,246,885	11,156,815	12,123,707	13,223,692
Hotels and other lodging places	547,044	554,304	584,726	591,136	647,581	662,549	274,603*	274,117*	294,621*	292,564*	306,964*	304,608*
Personal services	568,587	610,681	752,802	800,745	816,698	872,721	402,005	436,486	529,413	569,691	586,398	624,549
Private households	113,567	126,991	128,221	128,129	128,576	129,523	(D)	(D)	(D)	(D)	(D)	(D)
Business services	2,125,056	2,489,912	2,836,666	3,048,870	3,319,222	3,745,784	1,557,708*	1,870,449*	2,130,582*	2,294,003*	2,517,205*	2,766,575*
Auto repair, services, and garages	562,806	661,080	726,755	770,300	782,302	846,481	373,344	443,698	490,919	525,838	537,383	575,883
Miscellaneous repair services	305,541	347,138	322,753	354,752	352,725	401,799	(D)	(D)	206,357	224,800	225,271	252,542
Amusement and recreation services	302,217	355,969	413,248	456,113	491,308	532,254	179,108	206,964	241,086	262,549	285,256	312,545
Motion pictures	47,472	78,231	82,844	92,521	88,224	86,040	35,764*	58,148*	62,877*	70,620*	(D)	(D)
Health services	3,392,926	3,603,137	3,877,960	4,235,814	4,808,964	5,170,741	2,456,194	2,621,207	2,834,745	3,120,687	3,566,514	3,846,004
Legal services	797,630	949,761	1,026,477	1,176,132	1,270,281	1,386,615	648,863	771,729	834,701	961,730	1,044,553	1,142,878
Educational services	374,997	423,246	458,172	492,700	537,058	580,572	(D)	(D)	(D)	(D)	(D)	(D)
Social services	250,751	280,932	314,131	341,614	373,216	435,462	(D)	178,848*	208,898*	240,770	261,836	306,800
Museums, botanical, zoological gardens	6,966	7,585	8,005	8,574	9,825	11,550	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	648,021	700,943	730,519	762,563	807,694	881,520	425,258	464,383	487,628	514,615	547,280	596,782
Miscellaneous services	1,412,338	1,600,810	1,713,288	1,874,692	1,900,178	2,006,968	1,087,143	1,250,825	1,366,289	1,483,689	1,508,072	1,591,572
Government and government enterprises	11,288,981	12,006,728	12,884,726	13,491,629	14,140,579	14,846,278	7,642,809	8,135,948	8,769,559	9,223,492	9,650,578	10,111,410
Federal, civilian	2,903,776	3,074,174	3,266,588	3,291,099	3,476,908	3,730,686	2,103,284	2,226,339	2,371,910	2,398,186	2,528,153	2,704,058
Military	1,183,871	1,247,041	1,329,951	1,421,859	1,503,197	1,553,987	1,001,819	1,058,841	1,135,484	1,209,185	1,279,051	1,327,453
State and local	7,201,334	7,685,513	8,288,187	8,778,671	9,160,474	9,561,605	4,537,706	4,850,768	5,262,165	5,616,121	5,843,374	6,079,899

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Rocky Mountain (Nonmetropolitan portion)						Far West[10]					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**27,801,820**	**29,112,523**	**30,181,727**	**31,275,753**	**32,334,811**	**33,990,641**	**448,599,683**	**492,579,431**	**532,391,887**	**569,801,079**	**616,813,597**	**667,438,922**
Nonfarm personal income	26,697,575	28,077,269	29,198,201	29,765,322	30,572,858	32,335,153	442,043,922	485,404,436	524,889,210	561,019,066	607,541,762	658,358,977
Farm income[1]	1,104,245	1,035,254	983,526	1,510,431	1,761,953	1,655,488	6,555,761	7,174,995	7,502,677	8,782,013	9,271,835	9,079,945
Population (thousands)[2]	2,776.1	2,790.2	2,787.5	2,774.6	2,747.9	2,737.4	33,169.7	33,723.2	34,388.4	35,127.0	35,923.8	36,782.9
Per capita personal income (dollars)	**10,015**	**10,434**	**10,827**	**11,272**	**11,767**	**12,417**	**13,524**	**14,607**	**15,482**	**16,221**	**17,170**	**18,145**
Derivation of total personal income:												
Total earnings by place of work	19,065,756	20,008,224	20,559,339	21,177,917	21,817,928	22,796,283	325,343,455	359,737,657	389,420,162	420,497,393	458,592,623	496,506,107
Less: Personal contributions for social insurance[3]	1,073,350	1,150,378	1,249,549	1,278,578	1,298,973	1,438,442	18,479,841	20,452,144	23,190,861	25,432,054	27,714,847	31,404,796
Plus: Adjustment for residence	361,947	379,147	438,368	445,765	448,275	493,121	223,920	221,032	257,783	181,456	111,884	109,644
Equals: Net earnings by place of residence	18,354,353	19,236,993	19,748,158	20,345,104	20,967,230	21,850,962	307,087,534	339,506,545	366,487,084	395,246,795	430,989,660	465,210,955
Plus: Dividends, interest, and rent[4]	5,072,882	5,404,518	5,655,094	5,699,741	5,844,506	6,298,548	75,529,249	84,829,249	90,893,417	94,928,399	101,711,433	112,057,160
Plus: Transfer payments	4,374,585	4,471,012	4,778,475	5,230,908	5,523,075	5,841,131	65,982,900	68,243,637	75,011,386	79,625,885	84,112,504	90,170,807
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	14,490,334	15,217,488	15,751,794	15,640,429	15,893,685	16,747,317	262,862,724	289,814,435	314,053,235	337,572,615	367,744,090	399,444,075
Other labor income	1,410,115	1,432,222	1,427,384	1,407,539	1,457,321	1,554,263	26,693,303	28,452,448	29,730,124	31,825,455	34,591,238	37,496,506
Proprietors' income[6]	3,165,307	3,358,514	3,380,161	4,129,949	4,466,922	4,494,703	35,787,428	41,470,774	45,636,803	51,099,323	56,257,295	59,565,526
Farm	688,804	624,486	586,263	1,128,274	1,369,907	1,272,571	4,188,228	4,852,401	5,185,246	6,466,424	6,804,625	6,576,926
Nonfarm	2,476,503	2,734,028	2,793,898	3,001,675	3,097,015	3,222,132	31,599,200	36,618,373	40,451,557	44,632,899	49,452,670	52,988,600
Earnings by industry:												
Farm	1,104,245	1,035,254	983,526	1,510,431	1,761,953	1,655,488	6,555,761	7,174,995	7,502,677	8,782,013	9,271,835	9,079,945
Nonfarm	17,961,511	18,972,970	19,575,813	19,667,486	20,055,975	21,140,795	318,787,694	352,562,662	381,917,485	411,715,380	449,320,788	487,426,162
Private	14,315,339	15,102,190	15,460,646	15,399,349	15,565,974	16,405,927	264,987,104	295,001,674	319,186,925	345,195,130	377,794,160	410,801,870
Agricultural services, forestry, fisheries, and other[7]	199,656*	185,982*	174,087*	156,869*	216,191*	242,979*	2,942,689	2,938,328	3,255,068	3,528,821	4,355,466	4,894,930
Agricultural services	(D)	(D)	(D)	135,445*	194,360*	(D)	2,377,778	2,518,722	2,626,910	2,719,485	3,593,441	4,017,924
Forestry, fisheries, and other[7]	46,296*	(D)	(D)	(D)	(D)	(D)	564,911	419,606	628,158	809,336	762,025	877,006
Mining	1,791,873*	1,772,779*	1,723,909*	1,478,725*	1,319,130*	1,373,192*	2,666,902	2,922,249	3,182,358	2,413,658	2,405,501	2,682,890
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	43,261	46,363	50,659	50,582	45,446	45,227
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,085,544	2,286,693	2,526,400	1,675,165	1,578,415	1,707,365
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	214,538	228,238	236,836	287,102	407,044	540,519
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	323,559	360,955	368,463	400,809	374,596	389,779
Construction	1,723,121*	1,750,956*	1,796,893*	1,695,471*	1,537,551*	1,509,060*	19,601,756	22,976,752	24,831,022	27,531,945	30,305,663	33,184,093
Manufacturing	2,040,579*	2,219,865*	2,281,796*	2,303,388*	2,496,848*	2,637,622*	66,282,492	72,802,363	77,034,209	80,886,517	85,802,695	91,957,536
Nondurable goods	792,134*	(D)	(D)	(D)	956,209*	(D)	18,369,196	19,589,372	20,342,535	21,445,028	23,148,495	25,039,165
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	5,500,352	5,671,814	5,755,164	5,930,625	6,236,416	6,465,040
Textile mill products	1,242	(D)	(D)	(D)	(D)	(D)	292,116	305,291	316,189	350,136	412,434	449,205
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	1,499,295	1,687,934	1,705,655	1,881,851	2,131,874	2,349,987
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,895,342	2,077,582	2,175,639	2,283,648	2,435,160	2,473,748
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	3,676,794	4,033,733	4,320,975	4,676,458	5,162,535	5,702,923
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,251,381	2,425,667	2,600,266	2,739,378	2,947,402	3,457,918
Petroleum and coal products	37,311*	29,611*	22,559*	20,433*	16,119*	19,924*	1,701,873	1,641,910	1,743,384	1,717,672	1,705,518	1,891,934
Tobacco manufactures	0	0	0	0	0	0	671	922	565	729	961	553
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,405,745	1,611,954	1,604,049	1,736,118	1,987,845	2,112,444
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	145,627	132,565	120,649	128,413	128,350	135,413
Durable goods	(D)	(D)	(D)	(D)	(D)	(D)	47,913,296	53,212,991	56,691,674	59,441,489	62,654,200	66,918,371
Lumber and wood products	(D)	570,310*	(D)	(D)	604,891*	646,514*	4,031,604	4,343,244	4,291,775	4,518,755	4,907,645	5,218,452
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,053,771	1,224,981	1,279,264	1,298,408	1,448,532	1,536,658
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,102,350	2,303,681	2,081,183	2,090,667	2,164,901	2,399,678
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	3,923,561	4,445,101	4,597,197	4,624,157	4,661,466	4,710,204
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	7,302,460	8,124,137	8,518,159	8,588,753	8,923,986	9,661,406
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	11,185,322	12,916,623	14,218,506	14,515,170	15,221,280	15,963,266
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	11,117,157	12,048,168	13,528,225	15,227,290	16,175,644	17,002,892
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	950,449	1,105,397	1,167,015	1,166,172	1,272,183	1,393,936
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,573,632	1,746,232	1,786,009	1,896,260	2,004,847	2,217,121
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,509,370	3,772,802	4,073,328	4,362,396	4,609,976	5,449,301
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,163,620	1,182,625	1,151,013	1,153,461	1,263,740	1,365,457
Transportation and public utilities	1,611,261*	1,713,750*	1,749,740*	1,716,155*	1,739,262*	1,781,554*	22,980,128	24,551,707	25,667,468	27,126,218	28,488,293	29,722,633
Railroad transportation	371,734*	396,853*	398,696*	342,484*	325,910*	324,661*	1,405,193	1,506,040	1,445,894	1,341,869	1,288,998	1,222,308
Trucking and warehousing	444,796*	521,784*	513,079*	508,906*	531,356*	550,128*	4,900,187	5,617,224	5,772,309	6,182,088	6,682,292	7,184,468
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	973,452	1,117,680	1,147,660	1,204,301	1,281,186	1,334,999
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,959,764	5,223,056	5,456,203	6,307,556	6,672,616	7,248,837
Communication	(D)	(D)	(D)	(D)	(D)	(D)	7,392,596	7,379,576	7,713,733	7,742,759	8,143,882	8,083,346
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	3,348,936	3,708,131	4,131,669	4,347,645	4,419,319	4,648,675
Wholesale trade	755,891*	794,894*	794,983*	773,304*	791,645*	817,532*	19,975,535	22,637,571	24,747,411	26,600,063	28,111,431	31,366,919
Retail trade	2,101,898	2,169,424	2,210,800	2,200,590*	2,221,363	2,372,509	34,053,208	36,795,369	39,170,792	41,642,200	44,316,930	48,114,914
Finance, insurance, and real estate	661,996*	704,735*	712,745*	731,438*	782,827*	811,970*	20,259,616	22,362,256	24,894,435	29,129,486	33,582,312	35,875,773
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	8,129,043	8,892,259	9,571,812	10,824,016	11,816,090	12,384,458
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	12,130,573	13,469,997	15,322,623	18,305,470	21,766,222	23,491,315
Services	3,149,666*	3,420,198*	3,668,946*	3,783,914*	4,139,242*	4,431,747*	76,224,778	87,015,079	96,404,162	106,336,222	120,425,869	133,002,182
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	3,159,291	3,670,476	4,207,101	4,488,197	5,181,013	6,052,101
Personal services	164,860*	168,320*	214,610*	216,040*	217,691*	232,982*	3,110,916	3,327,715	4,055,836	4,357,683	4,727,298	5,154,728
Private households	39,075*	44,357*	46,000*	45,420*	44,885*	44,852*	1,228,021	1,384,890	1,413,450	1,436,094	1,471,476	1,516,092
Business services	512,807*	(D)	(D)	(D)	(D)	(D)	16,775,435	20,125,738	22,523,782	24,928,985	28,260,933	31,841,137
Auto repair, services, and garages	189,170*	216,341*	234,742*	244,113*	241,812*	267,113*	3,412,414	4,022,246	4,521,889	4,869,941	5,218,141	5,757,029
Miscellaneous repair services	115,686*	133,880*	115,979*	129,545*	127,454	147,964*	1,743,947	2,174,222	2,132,762	2,200,433	2,239,393	2,549,215
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	2,871,116	3,192,749	3,360,766	3,851,530	4,371,982	4,727,905
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,578,110	3,262,470	3,671,891	3,926,353	4,443,107	4,740,189
Health services	936,732	906,923*	961,148*	1,024,677*	1,140,588*	1,203,557*	21,266,763	23,025,841	25,386,840	27,744,609	32,194,117	34,447,854
Legal services	147,885*	177,710*	191,466*	214,203*	225,636*	243,473*	5,278,774	6,310,965	7,137,840	8,337,753	9,643,678	10,996,508
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	2,394,074	2,674,683	2,856,790	2,959,619	3,162,586	3,503,770
Social services	(D)	(D)	(D)	(D)	(D)	(D)	1,509,321	1,686,600	1,893,761	2,155,089	2,485,017	2,824,775
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	65,145	74,608	86,960	100,814	114,192	130,444
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	2,991,882	3,149,528	3,368,540	3,564,626	3,828,520	4,189,857
Miscellaneous services	(D)	317,430*	(D)	(D)	357,466*	375,380*	7,839,569	8,932,348	9,785,954	11,414,496	13,084,416	14,570,578
Government and government enterprises	3,646,172	3,870,780	4,115,167	4,268,137	4,490,001	4,734,868	53,800,590	57,560,988	62,730,560	66,520,250	71,526,628	76,624,292
Federal, civilian	800,492	847,835	894,678	892,913	948,755	1,026,628	11,032,814	11,617,377	12,297,155	12,353,926	13,120,715	14,120,487
Military	182,052	188,200	194,467	212,674	224,146	226,534	6,938,436	7,381,132	7,865,913	8,168,666	8,437,767	8,706,954
State and local	2,663,628	2,834,745	3,026,022	3,162,550	3,317,100	3,481,706	35,829,340	38,562,479	42,567,492	45,997,658	49,968,146	53,796,851

See footnotes at end of tables.

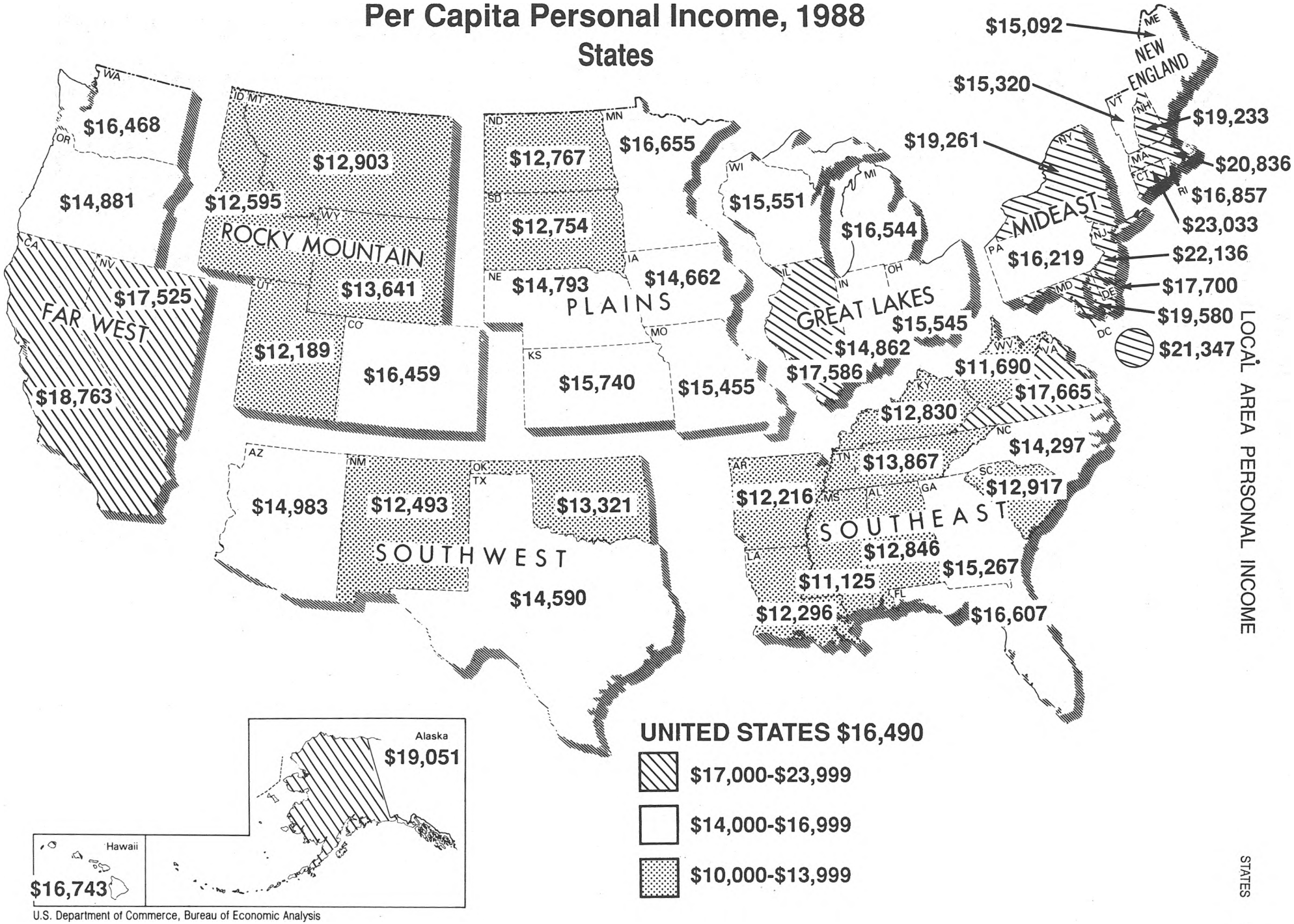
Table 4.—Personal Income for Regions by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Far West (Metropolitan portion)[10]						Far West (Nonmetropolitan portion)[10]					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**416,629,554**	**458,526,865**	**496,597,202**	**531,799,674**	**576,282,241**	**623,761,806**	**31,970,129**	**34,052,566**	**35,794,685**	**38,001,405**	**40,531,356**	**43,677,116**
Nonfarm personal income	412,092,448	453,280,750	490,935,118	525,347,109	569,513,333	617,179,072	29,951,474	32,123,686	33,954,092	35,671,957	38,028,429	41,179,905
Farm income[1]	4,537,106	5,246,115	5,662,084	6,452,565	6,768,908	6,582,734	2,018,655	1,928,880	1,840,593	2,329,448	2,502,927	2,497,211
Population (thousands)[2]	30,229.0	30,744.6	31,369.8	32,085.9	32,835.8	33,627.4	2,940.7	2,978.5	3,018.6	3,041.1	3,088.0	3,155.5
Per capita personal income (dollars)	**13,782**	**14,914**	**15,830**	**16,574**	**17,550**	**18,549**	**10,872**	**11,433**	**11,858**	**12,496**	**13,125**	**13,842**
Derivation of total personal income:												
Total earnings by place of work	304,936,400	338,039,097	366,977,374	396,377,919	432,677,995	468,514,522	20,407,055	21,698,560	22,442,788	24,119,474	25,914,628	27,991,585
Less: Personal contributions for social insurance[3]	17,374,169	19,271,386	21,894,997	24,029,855	26,201,272	29,677,108	1,105,672	1,180,758	1,295,864	1,402,199	1,513,575	1,727,688
Plus: Adjustment for residence	−105,200	−135,794	−174,103	−287,162	−454,140	−406,293	329,120	356,826	431,886	468,618	566,024	515,937
Equals: Net earnings by place of residence	287,457,031	318,631,917	344,908,274	372,060,902	406,022,583	438,431,121	19,630,503	20,874,628	21,578,810	23,185,893	24,967,077	26,779,834
Plus: Dividends, interest, and rent[5]	69,379,979	78,162,153	83,798,450	87,564,820	93,995,399	103,554,899	6,149,270	6,667,096	7,094,967	7,363,579	7,716,034	8,502,261
Plus: Transfer payments	59,792,544	61,732,795	67,890,478	72,173,952	76,264,259	81,775,786	6,190,356	6,510,842	7,120,908	7,451,933	7,848,245	8,395,021
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	247,932,959	273,875,553	297,485,929	320,182,557	349,120,919	379,164,153	14,929,765	15,938,882	16,567,306	17,390,058	18,623,171	20,279,922
Other labor income	25,272,774	26,975,174	28,254,301	30,252,261	32,890,052	35,623,571	1,420,529	1,477,274	1,475,823	1,573,194	1,701,186	1,872,935
Proprietors' income[6]	31,730,667	37,188,370	41,237,144	45,943,101	50,667,024	53,726,798	4,056,761	4,282,404	4,399,659	5,156,222	5,590,271	5,838,728
Farm	2,688,060	3,430,155	3,838,057	4,625,045	4,813,579	4,585,394	1,500,168	1,422,246	1,347,189	1,841,379	1,991,046	1,991,532
Nonfarm	29,042,607	33,758,215	37,399,087	41,318,056	45,853,445	49,141,404	2,556,593	2,860,158	3,052,470	3,314,843	3,599,225	3,847,196
Earnings by industry:												
Farm	4,537,106	5,246,115	5,662,084	6,452,565	6,768,908	6,582,734	2,018,655	1,928,880	1,840,593	2,329,448	2,502,927	2,497,211
Nonfarm	300,399,294	332,792,982	361,315,290	389,925,354	425,909,087	461,931,788	18,388,400	19,769,680	20,602,195	21,790,026	23,411,701	25,494,374
Private	250,737,401	279,635,703	303,346,853	328,438,617	359,782,440	391,126,560	14,249,703	15,365,971	15,840,072	16,756,513	18,011,720	19,675,310
Agricultural services, forestry, fisheries, and other[7]	2,491,273	2,481,380*	2,740,133*	2,947,104*	3,663,133*	4,209,863*	441,273*	396,820*	447,180*	485,031*	552,689*	578,055*
Agricultural services	2,092,100*	2,217,106*	2,313,139*	2,466,747	3,128,025*	3,488,890*	236,262*	(D)	221,724*	247,775*	324,482*	(D)
Forestry, fisheries, and other[7]	352,744*	250,009*	416,964*	569,476*	532,184*	618,975*	202,818*	156,035*	202,488*	231,170*	222,587*	(D)
Mining	2,346,370	2,565,300	2,783,924*	1,999,231*	1,932,894*	2,128,928	(D)	339,711*	342,988*	360,933*	418,054*	518,534*
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	1,510,892*	1,537,395*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	63,736*	(D)	(D)	127,736*	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	18,166,701	21,404,364*	23,318,852*	25,907,975*	28,517,710*	31,231,740*	1,417,161*	1,508,456*	1,439,601*	1,545,990*	1,704,139*	1,865,505*
Manufacturing	62,371,876	68,597,286	72,809,203	76,498,681	81,223,072	86,999,446	3,899,472*	4,184,063*	4,218,513*	4,380,693*	4,578,693*	4,956,496*
Nondurable goods	17,263,668	18,416,355	19,109,338	20,156,841	21,783,252	23,549,254	1,100,725*	1,164,403*	1,209,366*	1,265,529*	1,323,567*	1,435,193*
Food and kindred products	5,035,571*	5,193,712*	5,260,144*	5,445,363*	5,694,563*	5,923,009*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	284,002*	308,858*	367,268*	413,338*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,469,383*	1,655,410*	1,641,141*	1,818,466*	2,063,396*	2,306,110*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	1,739,892*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,563,353*	3,911,189*	4,184,944*	4,539,313*	5,020,775*	5,541,010*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	2,193,628*	2,360,689*	2,539,107*	2,677,846*	2,876,037*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,632,479*	1,578,486*	1,667,227*	1,641,818*	1,629,133*	1,811,215*	61,469*	56,549*	73,594*	73,727*	74,139*	79,591*
Tobacco manufactures	671	887*	546*	675*	961	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	1,328,488*	1,521,243*	1,515,528*	1,644,152*	1,888,508*	1,989,279*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	45,108,208	50,180,931	53,699,865	56,341,840	59,439,820	63,450,192	2,621,627*	2,868,919*	2,720,978*	2,854,920*	(D)	3,225,927*
Lumber and wood products	1,919,306*	2,134,647*	2,108,699*	2,258,636*	2,541,945*	2,734,600*	1,975,140*	2,072,880*	1,980,698*	2,038,511*	2,176,128*	2,282,135*
Furniture and fixtures	1,025,094*	1,198,055*	1,250,195*	1,258,380*	1,400,244*	1,465,659*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,757,084*	1,936,077*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,853,835*	4,357,177*	4,432,555*	4,519,139*	4,570,804*	4,604,245*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	6,979,975*	7,799,793*	8,165,916*	8,197,264*	8,596,324*	9,175,348*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	11,073,782*	12,735,438*	14,009,624*	14,303,993*	14,970,653*	15,674,811*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	11,636,212*	13,169,634*	14,823,775*	15,719,598*	16,683,492*	(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	1,441,376*	1,602,741*	1,624,125*	1,718,946*	1,818,560*	2,066,590*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	4,947,424*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	1,155,566*	1,126,133	1,129,882*	1,235,914*	1,327,731*	(D)	(D)	(D)	20,984*	(D)	(D)
Transportation and public utilities	21,668,160	23,126,390	24,203,746	25,584,956	26,884,255	28,016,303	1,291,315*	1,385,858*	1,448,425*	1,522,039*	1,593,811*	1,695,731*
Railroad transportation	1,248,091*	1,305,969*	1,275,393*	1,179,767*	1,126,612*	1,060,091*	(D)	158,989*	160,949*	154,409*	149,326*	149,796*
Trucking and warehousing	4,411,594*	5,063,426*	5,208,762*	5,565,822*	5,939,457*	6,462,720*	423,306*	503,481*	505,965*	555,007*	615,848*	655,428*
Water transportation	858,006*	987,164*	1,010,965*	1,075,377*	1,190,548*	1,236,599*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	6,553,255*	6,926,278*	7,098,410*	6,885,287*	(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	19,324,353	21,927,774	24,038,953	25,876,658	27,325,443	30,501,616	598,159*	693,192*	699,814*	716,336*	780,718*	849,099*
Retail trade	31,884,308	34,502,018	36,791,863	39,154,658	41,675,389	45,236,976	2,168,900	2,293,351	2,378,929	2,487,542	2,641,541	2,877,938
Finance, insurance, and real estate	19,729,936	21,790,193	24,316,071	28,498,506	32,887,502	35,134,775	516,950*	559,681*	566,229*	618,319*	679,337*	717,666*
Banking and credit agencies	7,545,980*	8,426,542*	9,214,431*	10,495,325*	11,476,425*	11,988,572*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	11,222,806*	12,847,153*	14,770,433*	17,997,797*	21,405,205*	23,022,018*	(D)	(D)	(D)	(D)	(D)	(D)
Services	72,754,424	83,160,440	92,212,960	101,786,320	115,458,955	127,549,463	3,457,306*	3,851,081*	4,187,637*	4,545,934*	4,964,653*	5,452,719
Hotels and other lodging places	2,657,977*	2,976,775*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	471,313*
Personal services	2,931,436	3,133,858*	3,810,693*	4,096,188*	4,449,288*	4,851,117*	177,479*	182,812*	230,815*	248,394*	264,534*	292,776*
Private households	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Business services	16,244,768	19,509,798	21,829,880	24,175,846	27,457,561	30,936,211	(D)	(D)	(D)	(D)	(D)	(D)
Auto repair, services, and garages	3,204,956	3,771,682	4,236,302	4,565,500	4,895,046	5,400,585	207,272*	250,416*	285,370*	304,341*	322,992*	356,329*
Miscellaneous repair services	1,636,018	2,038,536*	2,010,415*	2,056,397*	2,088,238*	2,379,110*	107,905*	134,193*	121,074*	133,559*	142,452*	166,266*
Amusement and recreation services	2,669,258*	2,998,589*	3,147,650*	3,613,068*	4,115,341*	4,486,630*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	2,551,376*	3,223,422*	3,637,448*	3,886,090*	4,396,020*	4,694,393*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	20,207,833	21,912,785	24,165,010	26,423,767	30,696,698	32,820,623	1,058,930	1,112,994*	1,221,662*	1,320,705*	1,497,419	1,626,927*
Legal services	5,144,283	6,151,030	6,963,529	8,144,218	9,443,714	10,774,778	134,165*	159,239*	173,692*	192,936*	199,363*	221,071*
Educational services	2,331,606*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	1,410,616	1,578,404	1,776,659	2,025,503	2,342,159	2,668,680	91,173*	(D)	109,452*	121,250*	132,312*	144,455*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	2,766,725	2,908,435	3,115,551	3,301,302	3,546,178	3,880,855	205,387*	217,613*	229,277*	240,582*	266,372*	291,653*
Miscellaneous services	7,534,237	8,586,357	9,425,488	10,987,202	12,617,869	14,070,944	(D)	317,863*	329,993*	395,425*	463,320*	496,137*
Government and government enterprises	49,661,893	53,157,279	57,968,437	61,486,737	66,126,647	70,805,228	4,138,697	4,403,709	4,762,123	5,033,513	5,399,981	5,819,064
Federal, civilian	10,327,972	10,883,463	11,524,224	11,587,954	12,292,615	13,216,457	704,842	733,914	772,931	765,972	828,100	904,030
Military	6,586,552	7,002,956	7,453,314	7,742,114	7,996,751	8,252,296	351,884	378,176	412,599	426,552	441,016	454,658
State and local	32,747,369	35,270,860	38,990,899	42,156,669	45,837,281	49,336,475	3,081,971	3,291,619	3,576,593	3,840,989	4,130,865	4,460,376

See footnotes at end of tables.

Per Capita Personal Income, 1988
States



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

Table 5.—Personal Income for States by Type and Industry, 1983–88

[Thousands of dollars]

	Alabama						Alaska					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**37,093,167**	**40,349,074**	**43,026,145**	**46,003,287**	**49,165,427**	**52,699,605**	**8,758,423**	**9,139,835**	**9,801,724**	**9,819,797**	**9,680,843**	**9,991,406**
Nonfarm personal income	36,607,920	39,598,483	42,388,498	45,269,304	48,367,270	51,627,929	8,752,564	9,131,941	9,794,189	9,804,868	9,667,145	9,980,366
Farm income[1]	485,247	750,591	637,647	733,983	798,157	1,071,676	5,859	7,894	7,535	14,929	13,698	11,040
Population (thousands)[2]	3,963.7	3,992.1	4,022.1	4,050.7	4,083.8	4,102.5	482.9	505.3	522.4	530.6	524.3	524.4
Per capita personal income (dollars)	**9,358**	**10,107**	**10,697**	**11,357**	**12,039**	**12,846**	**18,136**	**18,089**	**18,762**	**18,508**	**18,463**	**19,051**
Derivation of total personal income:												
Total earnings by place of work	26,543,009	29,182,180	31,168,293	33,396,078	35,864,388	38,579,508	8,042,582	8,461,012	8,773,751	8,619,656	8,253,383	8,458,260
Less: Personal contributions for social insurance[3]	1,590,880	1,764,981	1,969,844	2,019,312	2,168,529	2,423,911	479,545	514,345	549,281	603,535	583,800	624,679
Plus: Adjustment for residence	479,063	514,416	513,363	552,245	590,491	603,990	−540,656	−550,111	−569,077	−493,643	−451,709	−467,323
Equals: Net earnings by place of residence	25,431,192	27,931,615	29,711,812	31,929,011	34,286,350	36,759,587	7,022,381	7,396,556	7,655,393	7,522,478	7,217,874	7,366,258
Plus: Dividends, interest, and rent[5]	4,688,836	5,199,899	5,607,339	5,919,628	6,403,255	6,964,825	735,814	845,888	948,631	1,004,142	1,065,494	1,141,535
Plus: Transfer payments	6,973,139	7,217,560	7,706,994	8,154,648	8,475,822	8,975,193	1,000,228	897,391	1,197,700	1,293,177	1,397,475	1,483,613
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	21,701,261	23,645,221	25,526,241	27,062,231	28,988,368	31,016,692	6,667,837	6,993,214	7,130,658	6,813,203	6,441,480	6,604,081
Other labor income	2,245,137	2,363,825	2,446,476	2,629,872	2,828,760	3,072,615	608,219	611,634	607,842	585,921	581,847	616,051
Proprietors' income[6]	2,596,611	3,173,134	3,195,576	3,703,975	4,047,260	4,490,201	766,526	856,164	1,035,251	1,220,532	1,230,056	1,238,128
Farm	394,315	661,515	548,710	645,757	704,959	977,804	3,396	5,495	5,188	12,649	11,334	8,721
Nonfarm	2,202,296	2,511,619	2,646,866	3,058,218	3,342,301	3,512,397	763,130	850,669	1,030,063	1,207,883	1,218,722	1,229,407
Earnings by industry:												
Farm	485,247	750,591	637,647	733,983	798,157	1,071,676	5,859	7,894	7,535	14,929	13,698	11,040
Nonfarm	26,057,762	28,431,589	30,530,646	32,662,095	35,066,231	37,507,832	8,036,723	8,453,118	8,766,216	8,604,727	8,239,685	8,447,220
Private	20,529,785	22,576,379	24,125,698	25,978,418	28,008,847	30,033,866	5,744,055	5,999,426	6,151,200	5,920,395	5,566,828	5,700,140
Agricultural services, forestry, fisheries, and other[7]	154,231	150,169	145,367	135,769	162,989	172,672	106,293	42,905	181,385	279,949	242,646	259,856
Agricultural services	82,605	86,755	87,367	92,049	118,852	129,267	10,151	12,260	11,374	10,469	13,293	13,899
Forestry, fisheries, and other[7]	71,626	63,414	58,000	43,720	44,137	43,405	96,142	30,645	170,011	269,480	229,353	245,957
Mining	482,688	533,158	587,565	503,281	467,344	484,199	511,287	562,776	639,395	652,917	621,571	670,294
Coal mining	360,711	395,864	430,735	386,053	356,173	361,757	(D)	9,335	(D)	10,701	9,615	(D)
Oil and gas extraction	72,493	79,584	97,867	56,148	(D)	(D)	472,493	527,422	602,377	617,819	576,095	613,981
Metal mining	1,143	1,412	1,032	(D)	(D)	(D)	26,115	20,797	(D)	19,160	31,601	40,825
Nonmetallic minerals, except fuels	48,341	56,298	57,931	(D)	(D)	65,312	(D)	5,222	6,566	5,237	4,260	(D)
Construction	1,447,066	1,568,340	1,767,877	1,927,431	2,038,720	2,172,510	1,406,659	1,390,890	1,219,160	937,243	790,779	737,824
Manufacturing	6,794,790	7,532,536	7,832,020	8,212,345	8,740,512	9,321,144	350,195	344,064	349,486	364,438	398,268	474,103
Nondurable goods	3,354,378	3,579,487	3,665,473	3,881,505	4,174,006	4,353,933	237,998	234,830	244,370	256,697	274,197	322,686
Food and kindred products	445,107	477,045	497,616	538,562	574,933	595,795	131,101	126,387	132,261	138,475	154,780	197,016
Textile mill products	610,051	619,792	599,702	665,449	734,775	764,678	229	193	(D)	163	328	(D)
Apparel and other textile products	584,475	610,690	615,586	648,584	694,662	721,281	961	911	1,281	1,113	1,016	1,391
Paper and allied products	703,679	741,505	782,225	809,174	827,611	855,224	34,801	29,051	25,756	32,368	38,470	(D)
Printing and publishing	190,560	222,389	246,126	268,173	285,929	306,280	37,256	42,485	46,597	45,841	40,886	39,398
Chemicals and allied products	351,930	376,804	391,175	392,504	419,955	437,705	19,247	20,146	20,597	18,700	19,472	19,424
Petroleum and coal products	(D)	50,555	50,616	(D)	59,860	58,784	13,009	14,164	16,244	18,746	18,179	19,984
Tobacco manufactures	(D)	6,727	6,466	(D)	9,724	9,546	(L)	(D)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	411,305	471,808	474,595	495,269	564,846	602,674	(D)	1,484	1,494	1,201	1,030	1,119
Leather and leather products	(D)	2,172	1,366	(D)	1,711	1,966	(D)	(D)	(D)	87	(L)	(L)
Durable goods	3,440,412	3,953,049	4,166,547	4,330,840	4,566,506	4,967,211	112,197	109,234	105,116	107,741	124,071	151,417
Lumber and wood products	450,707	518,777	540,954	559,581	619,524	645,913	75,584	67,273	67,216	77,312	94,964	120,881
Furniture and fixtures	118,508	139,211	151,993	166,036	185,620	185,573	539	927	1,059	(D)	(D)	484
Primary metal industries	721,649	798,898	815,700	816,306	829,181	941,671	1,153	(D)	457	350	308	(D)
Fabricated metal products	451,812	504,142	501,480	513,311	522,343	535,402	7,266	7,179	6,630	5,524	5,609	5,235
Machinery, except electrical	325,803	401,707	463,123	493,779	544,075	685,556	3,350	3,209	3,950	3,350	1,805	1,698
Electric and electronic equipment	439,708	496,984	516,475	545,335	573,440	589,423	479	769	420	451	569	1,005
Transportation equip. excl. motor vehicles	384,941	419,529	458,457	493,032	525,754	569,133	2,752	2,643	3,723	2,588	3,716	6,225
Motor vehicles and equipment	207,622	296,222	334,581	353,902	348,368	371,953	(D)	(D)	(D)	(L)	0	(D)
Stone, clay, and glass products	187,755	198,648	210,181	221,772	242,429	261,650	18,129	21,043	18,721	15,375	14,185	13,076
Instruments and related products	65,783	72,557	63,969	68,691	74,637	67,536	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	86,124	106,374	109,634	99,095	101,135	113,401	2,749	2,501	2,658	1,918	1,661	1,551
Transportation and public utilities	2,053,415	2,192,192	2,221,640	2,317,227	2,477,417	2,771,453	802,889	827,104	812,819	807,889	766,305	742,875
Railroad transportation	215,941	232,117	229,038	215,025	204,265	206,117	165	75	(L)	0	0	0
Trucking and warehousing	527,846	628,322	637,261	677,376	730,447	795,289	115,233	116,510	116,530	97,938	91,093	92,417
Water transportation	76,992	71,586	72,480	68,066	65,185	74,881	50,465	49,871	52,242	42,124	37,606	40,951
Other transportation[8]	79,523	87,354	96,889	105,450	119,565	128,436	316,967	328,990	307,341	300,152	296,201	316,147
Communication	622,513	596,758	556,473	553,741	618,670	808,069	236,022	231,700	200,704	210,253	200,450	152,064
Electric, gas, and sanitary services	530,600	576,055	629,499	697,569	739,285	758,661	84,037	99,958	135,962	157,422	140,955	141,296
Wholesale trade	1,458,007	1,630,824	1,770,087	1,851,647	1,961,002	2,122,203	276,212	301,513	308,994	283,086	254,228	254,692
Retail trade	2,519,358	2,745,486	2,911,625	3,159,368	3,333,669	3,530,301	716,296	770,268	789,829	734,230	686,825	703,946
Finance, insurance, and real estate	1,182,244	1,284,790	1,419,711	1,576,487	1,699,174	1,763,791	306,842	352,092	377,844	388,798	354,316	325,416
Banking and credit agencies	487,900	527,177	579,948	654,638	690,024	719,517	132,633	154,462	164,740	169,623	150,248	133,463
Other finance, insurance, and real estate[9]	694,344	757,613	839,763	921,849	1,009,150	1,044,274	174,209	197,630	213,104	219,175	204,068	191,953
Services	4,437,986	4,938,884	5,469,806	6,294,863	7,128,020	7,695,593	1,267,382	1,407,814	1,472,288	1,471,845	1,451,890	1,531,134
Hotels and other lodging places	96,424	103,389	113,830	124,054	138,447	142,685	75,116	82,355	84,093	85,388	86,383	89,048
Personal services	208,736	224,000	266,641	292,389	317,480	351,090	55,074	61,309	78,331	84,397	86,516	88,858
Private households	164,490	183,210	184,486	184,560	186,369	188,462	6,770	7,826	8,086	8,160	8,079	8,130
Business services	569,495	661,335	872,926	1,102,597	1,287,574	1,259,932	280,295	296,073	313,437	292,245	281,779	313,358
Auto repair, services, and garages	212,849	250,778	282,272	305,526	316,904	331,544	56,711	64,436	72,505	71,711	72,890	87,885
Miscellaneous repair services	90,878	109,757	108,722	120,998	130,454	147,517	39,585	49,267	48,197	49,715	48,563	47,178
Amusement and recreation services	61,447	68,986	83,133	84,123	99,190	97,982	12,125	15,576	22,064	29,688	29,931	31,338
Motion pictures	(D)	8,730	9,157	10,240	10,901	12,718	3,674	9,452	10,521	10,273	8,231	8,816
Health services	1,651,711	1,752,782	1,870,209	2,049,594	2,370,472	2,612,584	257,073	285,664	296,865	309,061	316,450	327,957
Legal services	290,834	354,374	396,923	464,130	515,389	566,862	83,275	91,440	98,369	100,746	99,461	102,972
Educational services	141,817	156,418	168,204	175,079	192,504	211,189	17,896	19,414	21,806	21,591	23,329	24,514
Social services	96,440	106,435	116,272	125,583	135,998	155,879	70,611	71,608	79,741	84,529	83,774	85,807
Museums, botanical, zoological gardens	(D)	269	329	377	476	611	447	527	546	536	407	521
Membership organizations	211,149	219,872	217,085	237,084	247,713	262,332	76,883	81,199	80,204	89,399	88,802	98,814
Miscellaneous services	632,345	738,549	779,617	1,018,529	1,178,149	1,354,206	231,847	271,668	257,523	234,406	217,295	215,938
Government and government enterprises	5,527,977	5,855,210	6,404,948	6,683,677	7,057,384	7,473,966	2,292,668	2,453,692	2,615,016	2,684,332	2,672,857	2,747,080
Federal, civilian	1,653,324	1,738,373	1,826,386	1,783,870	1,943,012	2,081,651	487,724	522,079	514,579	526,873	550,836	592,396
Military	659,451	708,042	751,774	779,567	836,645	847,084	431,537	451,289	475,711	499,575	535,171	561,067
State and local	3,215,202	3,408,795	3,826,788	4,120,240	4,277,727	4,545,231	1,373,407	1,480,324	1,624,726	1,657,884	1,586,850	1,593,617

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Arizona						Arkansas					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**32,750,453**	**36,800,322**	**40,962,754**	**44,768,998**	**48,712,816**	**52,252,828**	**21,158,400**	**23,308,859**	**24,838,118**	**26,052,001**	**27,301,742**	**29,254,753**
Nonfarm personal income	32,385,957	36,251,912	40,510,740	44,263,505	48,134,800	51,667,254	20,580,135	22,236,900	23,758,453	24,971,396	26,183,785	27,784,269
Farm income[1]	364,496	548,410	452,014	505,493	578,016	585,574	578,265	1,071,959	1,079,665	1,080,605	1,117,957	1,470,484
Population (thousands)[2]	2,951.8	3,041.0	3,153.5	3,278.1	3,398.6	3,487.4	2,325.7	2,346.6	2,359.6	2,371.1	2,388.0	2,394.7
Per capita personal income (dollars)	**11,095**	**12,101**	**12,990**	**13,657**	**14,333**	**14,983**	**9,098**	**9,933**	**10,526**	**10,987**	**11,433**	**12,216**
Derivation of total personal income:												
Total earnings by place of work	23,080,403	26,359,883	29,299,546	32,140,231	34,786,996	37,210,739	14,475,734	16,351,146	17,242,830	18,192,871	19,250,521	20,733,666
Less: Personal contributions for social insurance[3]	1,326,471	1,516,536	1,752,247	1,986,790	2,121,884	2,369,992	880,564	972,659	1,086,653	1,248,738	1,309,917	1,465,370
Plus: Adjustment for residence	−54,045	−80,951	−77,160	−88,869	−96,117	−106,603	−51,308	−69,402	−64,142	−59,521	−74,031	−82,674
Equals: Net earnings by place of residence	21,699,887	24,762,396	27,470,139	30,064,572	32,568,995	34,734,144	13,543,862	15,309,085	16,092,035	16,884,612	17,866,573	19,185,622
Plus: Dividends, interest, and rent[5]	5,940,707	6,678,703	7,499,328	8,160,441	9,036,496	9,838,392	3,320,153	3,580,769	3,980,381	4,104,660	4,147,448	4,492,897
Plus: Transfer payments	5,109,859	5,359,223	5,993,287	6,543,985	7,107,325	7,680,292	4,294,385	4,419,005	4,765,702	5,062,729	5,287,721	5,576,234
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	19,284,090	21,903,859	24,523,927	26,860,426	28,970,780	31,041,718	11,257,175	12,350,696	13,070,704	13,835,120	14,555,831	15,464,115
Other labor income	1,836,430	1,994,525	2,141,444	2,366,201	2,518,395	2,692,883	1,226,034	1,293,005	1,310,598	1,371,398	1,471,338	1,579,515
Proprietors' income[6]	1,959,883	2,461,499	2,634,175	2,913,604	3,297,821	3,476,138	1,992,525	2,707,445	2,861,528	2,986,353	3,223,352	3,690,036
Farm	210,107	397,843	301,261	354,623	417,830	423,626	410,495	906,951	917,079	920,545	950,323	1,303,038
Nonfarm	1,749,776	2,063,656	2,332,914	2,558,981	2,879,991	3,052,512	1,582,030	1,800,494	1,944,449	2,065,808	2,273,029	2,386,998
Earnings by industry:												
Farm	364,496	548,410	452,014	505,493	578,016	585,574	578,265	1,071,959	1,079,665	1,080,605	1,117,957	1,470,484
Nonfarm	22,715,907	25,811,473	28,847,532	31,634,738	34,208,980	36,625,165	13,897,469	15,279,187	16,163,165	17,112,266	18,132,564	19,263,182
Private	18,372,710	21,172,245	23,756,043	26,075,621	28,156,006	30,097,768	11,604,917	12,768,934	13,440,226	14,232,481	15,153,331	16,117,781
Agricultural services, forestry, fisheries, and other[7]	178,929	197,371	210,544	240,054	284,879	310,111	105,995	102,696	89,327	79,520	113,501	130,832
Agricultural services	174,540	194,502	204,293	232,359	278,441	302,653	76,086	79,138	73,025	70,692	101,781	116,293
Forestry, fisheries, and other[7]	4,389	2,869	6,251	7,695	6,438	7,458	29,909	23,558	16,302	8,828	11,720	14,539
Mining	527,315	513,029	510,842	422,584	431,699	534,878	158,303	166,726	178,841	133,374	124,624	132,471
Coal mining	47,729	(D)	(D)	(D)	49,473	52,330	1,334	1,515	1,206	2,334	1,256	1,148
Oil and gas extraction	58,444	(D)	93,524	(D)	23,982	24,431	127,301	132,431	140,624	94,814	(D)	(D)
Metal mining	407,338	386,891	356,252	325,056	338,635	440,478	5,254	5,722	9,061	(D)	6,188	9,005
Nonmetallic minerals, except fuels	13,804	14,242	(D)	(D)	19,609	17,639	24,414	27,058	27,950	(D)	(D)	(D)
Construction	2,102,535	2,590,878	3,017,358	3,221,713	3,020,602	2,920,002	858,355	981,843	1,052,431	1,135,062	1,121,689	1,161,772
Manufacturing	3,901,883	4,488,698	4,871,112	5,276,896	5,629,878	5,999,433	3,705,462	4,096,839	4,156,850	4,376,366	4,667,550	4,963,809
Nondurable goods	668,092	736,857	784,501	888,612	960,873	1,052,914	1,737,031	1,840,630	1,865,156	1,997,657	2,148,101	2,243,112
Food and kindred products	176,175	181,643	192,202	215,265	218,783	225,811	559,750	610,336	652,704	744,322	809,368	842,607
Textile mill products	5,254	3,953	3,509	5,271	5,913	7,358	(D)	60,114	37,662	(D)	(D)	(D)
Apparel and other textile products	(D)	59,193	57,606	63,551	62,189	67,811	111,300	116,664	112,579	121,781	123,227	130,949
Paper and allied products	42,467	48,531	51,327	59,410	63,555	73,757	354,005	369,633	372,545	394,141	431,811	451,180
Printing and publishing	234,841	271,709	299,950	337,955	389,237	415,816	156,321	169,353	181,651	193,242	216,366	227,986
Chemicals and allied products	83,673	89,678	91,969	103,064	108,215	134,326	184,015	174,497	168,899	164,360	169,114	177,457
Petroleum and coal products	5,189	5,079	5,595	5,877	6,645	6,401	47,581	40,798	37,519	(D)	(D)	(D)
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	59,409	71,622	76,764	91,967	100,075	115,307	187,224	225,398	225,382	238,746	251,772	266,927
Leather and leather products	(D)	5,421	5,564	6,224	6,224	6,309	77,791	73,825	76,207	69,305	70,594	68,609
Durable goods	3,233,791	3,751,841	4,086,611	4,388,284	4,669,005	4,946,519	1,968,431	2,256,209	2,291,694	2,378,709	2,519,449	2,720,697
Lumber and wood products	112,352	136,121	143,893	169,619	193,811	181,453	336,428	363,235	371,344	392,050	423,369	443,783
Furniture and fixtures	36,025	44,791	53,040	57,163	56,749	57,339	130,201	147,019	148,837	158,140	174,587	177,314
Primary metal industries	210,608	230,411	242,640	243,956	235,360	266,356	163,413	210,185	202,083	184,910	203,791	237,193
Fabricated metal products	165,446	197,618	201,951	206,098	220,575	206,303	260,995	315,373	326,799	331,735	340,998	370,472
Machinery, except electrical	731,362	785,433	820,568	790,598	789,579	876,012	238,371	293,969	353,126	380,921	390,534	418,164
Electric and electronic equipment	933,096	1,127,573	1,161,549	1,232,993	1,346,187	1,464,512	470,944	527,618	469,985	479,210	499,359	519,581
Transportation equip. excl. motor vehicles	614,439	707,743	836,871	1,018,722	1,088,999	1,107,324	57,616	62,935	76,466	84,736	101,700	135,141
Motor vehicles and equipment	28,968	36,353	43,493	46,102	49,372	49,841	70,326	82,869	87,628	95,570	108,608	124,246
Stone, clay, and glass products	150,590	183,900	208,894	219,450	230,185	230,033	94,514	104,008	105,573	105,521	104,438	107,852
Instruments and related products	202,563	243,696	309,382	333,122	375,512	414,432	96,434	91,704	94,675	105,046	106,425	108,122
Miscellaneous manufacturing industries	48,342	58,202	64,330	70,461	82,676	92,914	49,189	57,294	55,178	60,870	65,640	78,829
Transportation and public utilities	1,529,142	1,632,531	1,765,761	1,905,449	2,137,254	2,290,002	1,227,503	1,360,429	1,454,790	1,561,858	1,742,446	1,829,039
Railroad transportation	105,831	116,335	115,043	115,807	120,180	116,158	182,012	205,857	204,444	200,856	206,464	194,788
Trucking and warehousing	299,447	359,968	372,050	406,321	449,244	488,028	399,338	485,838	526,778	583,645	663,144	730,200
Water transportation	462	404	998	1,212	1,698	2,287	5,390	6,243	5,960	6,199	6,290	8,114
Other transportation[8]	261,027	276,120	288,536	336,576	446,104	512,663	63,306	70,385	72,580	83,209	84,457	89,221
Communication	503,586	495,392	530,430	531,699	561,856	581,574	295,698	283,560	306,339	290,931	338,498	334,429
Electric, gas, and sanitary services	358,789	384,312	458,704	513,834	558,172	589,292	281,759	308,546	338,689	397,018	443,593	472,287
Wholesale trade	1,164,990	1,366,483	1,552,535	1,624,190	1,819,523	1,894,903	752,004	847,664	892,509	912,808	962,247	1,033,339
Retail trade	2,677,748	2,998,628	3,361,661	3,617,155	3,842,960	4,094,670	1,649,209	1,765,567	1,842,809	1,902,245	1,968,202	2,098,492
Finance, insurance, and real estate	1,432,683	1,672,329	2,006,044	2,382,438	2,672,719	2,743,346	689,724	739,828	810,512	897,793	929,218	941,905
Banking and credit agencies	590,141	679,916	807,259	969,529	1,068,021	1,107,872	278,430	301,061	321,791	347,330	358,829	367,367
Other finance, insurance, and real estate[9]	842,542	992,413	1,198,785	1,412,909	1,604,698	1,635,474	411,294	438,767	488,721	550,463	570,389	574,538
Services	4,857,485	5,712,298	6,460,186	7,385,142	8,316,492	9,310,423	2,457,862	2,707,342	2,962,157	3,233,455	3,523,854	3,826,122
Hotels and other lodging places	293,909	316,505	354,272	389,227	490,221	562,502	76,974	83,033	83,672	89,693	94,704	95,855
Personal services	240,826	262,889	321,772	360,550	398,905	435,202	167,220	180,127	222,890	236,697	244,964	260,601
Private households	67,973	77,621	80,489	82,914	86,125	88,910	59,833	66,718	67,038	66,930	67,536	68,163
Business services	937,649	1,204,731	1,359,611	1,548,104	1,624,081	1,875,449	319,561	386,614	438,561	496,904	539,685	604,033
Auto repair, services, and garages	231,589	283,672	326,004	396,747	423,049	457,896	149,683	174,797	194,743	207,289	212,196	232,056
Miscellaneous repair services	103,664	127,374	120,432	146,179	142,075	168,075	59,786	70,277	65,408	74,563	73,130	84,090
Amusement and recreation services	99,261	118,851	141,444	161,445	182,607	219,958	42,774	46,523	51,219	56,811	61,212	62,352
Motion pictures	15,226	18,046	20,849	25,743	24,401	26,659	5,004	5,456	6,530	7,143	9,323	6,471
Health services	1,550,286	1,722,270	1,939,258	2,193,561	2,592,947	2,880,871	1,036,444	1,084,288	1,161,165	1,248,141	1,430,317	1,553,370
Legal services	363,863	442,464	512,121	604,734	709,021	805,858	136,692	164,708	182,879	206,637	214,611	238,110
Educational services	107,416	123,445	139,025	149,835	167,516	192,831	51,470	57,217	69,885	75,576	82,662	93,739
Social services	123,786	143,947	168,623	187,093	217,255	249,987	79,214	85,481	95,614	104,542	116,115	127,138
Museums, botanical, zoological gardens	6,117	6,957	7,516	8,500	9,381	10,831	343	376	429	442	511	599
Membership organizations	302,881	326,960	338,077	366,097	397,973	433,585	118,760	122,949	128,922	128,793	132,767	140,704
Miscellaneous services	413,039	536,566	630,693	764,413	850,935	901,809	154,104	178,778	193,202	233,294	244,121	258,841
Government and government enterprises	4,343,197	4,639,228	5,091,489	5,559,117	6,052,974	6,527,397	2,292,552	2,510,253	2,722,939	2,879,785	2,979,233	3,145,401
Federal, civilian	896,016	989,624	1,050,104	1,061,886	1,173,769	1,272,847	473,519	505,215	536,560	543,271	573,658	627,125
Military	539,094	549,457	567,543	590,294	613,071	632,988	232,019	253,485	269,256	280,819	292,445	288,180
State and local	2,908,087	3,100,147	3,473,842	3,906,937	4,266,134	4,621,562	1,587,014	1,751,553	1,917,123	2,055,695	2,113,130	2,230,096

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	California						Colorado					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**352,438,184**	**389,182,902**	**422,607,699**	**453,109,826**	**491,504,483**	**531,250,653**	**41,542,252**	**44,946,800**	**47,511,183**	**49,420,071**	**51,636,900**	**54,336,553**
Nonfarm personal income	347,625,309	383,823,475	416,785,798	446,574,570	484,599,579	524,513,508	41,037,365	44,411,037	46,927,946	48,749,133	50,940,687	53,667,415
Farm income[1]	4,812,875	5,359,427	5,821,901	6,535,256	6,904,904	6,737,145	504,887	535,763	583,237	670,938	696,213	669,138
Population (thousands)[2]	25,307.9	25,779.7	26,358.3	26,997.1	27,652.5	28,314.1	3,148.3	3,189.4	3,234.1	3,264.8	3,293.0	3,301.2
Per capita personal income (dollars)	**13,926**	**15,096**	**16,033**	**16,784**	**17,774**	**18,763**	**13,195**	**14,092**	**14,691**	**15,137**	**15,681**	**16,459**
Derivation of total personal income:												
Total earnings by place of work	256,935,236	286,025,502	311,401,904	336,712,370	368,175,130	398,063,024	31,358,698	34,177,817	36,166,762	37,445,208	38,731,112	40,570,080
Less: Personal contributions for social insurance[3]	14,556,247	16,251,598	18,532,466	20,294,396	22,189,282	25,117,319	1,658,820	1,824,441	2,021,547	2,146,269	2,207,575	2,415,179
Plus: Adjustment for residence	202,760	222,796	266,744	232,788	195,607	226,290	−26,708	−26,907	−29,696	−38,498	−40,872	−42,879
Equals: Net earnings by place of residence	242,581,749	269,996,700	293,136,182	316,650,762	346,181,455	373,171,995	29,673,170	32,326,469	34,115,519	35,260,441	36,482,665	38,112,022
Plus: Dividends, interest, and rent[4]	59,218,348	66,934,590	71,780,369	74,869,826	80,240,618	88,310,379	6,897,673	7,489,761	7,943,541	8,222,558	8,718,833	9,389,116
Plus: Transfer payments	50,638,087	52,251,612	57,691,148	61,589,238	65,082,410	69,768,279	4,971,409	5,130,570	5,452,123	5,937,072	6,435,402	6,835,415
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	207,021,220	229,739,788	250,462,964	269,725,369	294,613,874	319,481,343	25,651,738	27,919,031	29,485,609	30,317,789	31,233,513	32,764,776
Other labor income	21,545,699	23,094,108	24,158,093	25,961,330	28,278,957	30,602,356	2,439,831	2,562,818	2,610,907	2,674,766	2,769,953	2,914,765
Proprietors' income[5]	28,368,317	33,191,606	36,780,847	41,025,671	45,282,299	47,979,325	3,267,129	3,695,968	4,070,246	4,452,653	4,727,646	4,890,539
Farm	2,966,836	3,549,151	4,012,665	4,723,363	4,968,149	4,766,221	362,488	395,553	444,945	535,987	555,758	529,654
Nonfarm	25,401,481	29,642,455	32,768,182	36,302,308	40,314,150	43,213,104	2,904,641	3,300,415	3,625,301	3,916,666	4,171,888	4,360,885
Earnings by industry:												
Farm	4,812,875	5,359,427	5,821,901	6,535,256	6,904,904	6,737,145	504,887	535,763	583,237	670,938	696,213	669,138
Nonfarm	252,122,361	280,666,075	305,580,003	330,177,114	361,270,226	391,325,879	30,853,811	33,642,054	35,583,525	36,774,270	38,034,899	39,900,942
Private	210,825,467	236,317,653	257,097,662	278,422,205	305,521,639	331,630,397	25,408,857	27,844,628	29,381,660	30,229,019	31,035,728	32,524,323
Agricultural services, forestry, fisheries, and other[7]	2,242,040	2,320,180	2,484,143	2,600,112	3,281,777	3,667,999	173,435	177,440	184,076	185,335	229,197	246,897
Agricultural services	2,043,406	2,175,500	2,282,267	2,360,227	3,074,824	3,435,300	165,386	172,494	175,692	176,310	222,228	239,223
Forestry, fisheries, and other[7]	198,634	144,680	201,876	239,885	206,953	232,699	8,049	4,946	8,384	9,025	6,969	7,674
Mining	2,246,229	2,459,015	2,666,548	1,978,651	1,900,506	2,042,323	1,595,686	1,620,455	1,566,461	1,285,854	1,065,163	1,088,516
Coal mining	(D)	4,856	(D)	(D)	(D)	1,357	208,180	215,870	209,392	189,047	140,095	145,943
Oil and gas extraction	1,959,888	2,146,523	2,328,144	1,604,062	1,512,375	1,641,267	1,153,856	1,160,895	1,157,915	903,124	740,859	756,698
Metal mining	(D)	58,081	(D)	(D)	(D)	117,754	209,132	218,119	171,892	162,058	157,703	159,605
Nonmetallic minerals, except fuels	216,061	249,555	261,016	287,138	269,135	281,945	24,518	25,571	27,262	31,625	26,506	26,270
Construction	15,255,724	18,265,681	20,063,750	22,290,671	24,678,440	26,820,872	2,658,894	2,891,419	2,864,996	2,787,003	2,574,923	2,449,476
Manufacturing	52,937,712	58,285,977	61,962,065	64,744,668	68,772,493	73,378,433	4,696,255	5,230,757	5,463,149	5,652,165	5,838,553	6,185,676
Nondurable goods	14,851,395	15,847,974	16,413,406	17,341,879	18,785,317	20,359,644	1,515,373	1,663,524	1,726,710	1,790,335	1,897,866	2,024,816
Food and kindred products	4,318,765	4,477,965	4,533,147	4,682,761	4,930,198	5,098,489	579,628	606,755	603,653	651,036	690,468	749,544
Textile mill products	247,396	260,567	266,855	300,481	351,638	385,106	6,477	6,109	5,681	(D)	2,890	3,980
Apparel and other textile products	1,376,612	1,549,087	1,572,969	1,747,109	1,992,863	2,203,006	35,514	40,306	44,014	44,656	51,108	56,298
Paper and allied products	1,035,209	1,138,153	1,187,027	1,259,309	1,355,587	1,382,409	49,154	57,559	57,263	58,443	61,069	65,483
Printing and publishing	3,059,470	3,361,322	3,593,503	3,891,311	4,299,370	4,747,338	384,853	452,294	495,077	509,778	552,156	575,931
Chemicals and allied products	1,824,568	1,964,741	2,094,816	2,214,677	2,406,239	2,837,149	242,678	276,278	297,912	298,123	306,456	317,341
Petroleum and coal products	1,598,013	1,541,384	1,635,648	1,606,793	1,590,991	1,764,939	38,422	39,972	38,189	39,668	40,216	41,516
Tobacco manufactures	583	806	503	578	756	395	57	76	(L)	(D)	87	(L)
Rubber and misc. plastic products	1,258,321	1,435,048	1,420,254	1,524,868	1,743,394	1,821,557	126,241	139,777	142,926	145,924	153,744	172,027
Leather and leather products	132,458	118,901	108,684	113,992	114,281	119,256	52,349	44,398	41,954	36,994	39,672	42,653
Durable goods	38,086,317	42,438,003	45,548,659	47,402,789	49,987,176	53,018,789	3,180,882	3,567,233	3,736,439	3,861,830	3,940,687	4,160,860
Lumber and wood products	1,218,261	1,389,338	1,423,467	1,561,760	1,774,383	1,881,460	73,379	83,813	86,128	91,970	95,597	99,346
Furniture and fixtures	948,203	1,103,361	1,152,446	1,169,221	1,300,725	1,368,293	45,324	55,725	58,159	56,441	60,787	64,563
Primary metal industries	1,336,309	1,443,633	1,275,395	1,307,480	1,363,469	1,496,177	125,733	137,556	115,885	99,213	86,979	94,910
Fabricated metal products	3,408,249	3,887,562	4,032,623	4,044,557	4,053,838	4,070,277	241,117	272,927	281,660	271,946	281,350	296,746
Machinery, except electrical	6,425,006	7,173,434	7,523,376	7,548,611	7,898,907	8,463,434	711,543	816,392	788,298	840,476	1,169,029	1,237,835
Electric and electronic equipment	10,609,346	12,227,109	13,485,168	13,742,966	14,379,411	15,044,987	484,120	549,300	693,936	693,972	669,211	719,164
Transportation equip. excl. motor vehicles	8,202,358	8,823,774	9,945,865	10,972,949	11,713,844	12,096,636	402,721	466,638	576,930	663,523	706,699	756,150
Motor vehicles and equipment	781,339	888,930	949,980	944,605	959,173	1,051,330	49,613	56,492	56,942	50,919	47,549	42,259
Stone, clay, and glass products	1,294,585	1,450,165	1,480,402	1,580,095	1,660,654	1,824,317	255,750	292,789	293,344	284,910	255,870	258,949
Instruments and related products	2,877,743	3,074,083	3,336,586	3,593,753	3,861,828	4,646,829	716,882	755,275	703,977	723,246	477,455	494,236
Miscellaneous manufacturing industries	984,918	976,614	943,351	936,792	1,020,944	1,075,049	74,700	80,326	81,180	85,214	90,161	96,702
Transportation and public utilities	17,802,780	19,023,689	19,968,359	21,200,486	22,208,360	23,041,143	2,685,694	2,812,561	3,012,351	3,073,275	3,295,606	3,441,278
Railroad transportation	909,684	980,663	947,707	876,697	834,925	796,906	225,437	221,972	221,796	194,040	174,779	165,533
Trucking and warehousing	3,635,818	4,170,822	4,298,851	4,610,072	4,980,797	5,365,559	481,580	544,453	554,251	563,594	604,021	635,592
Water transportation	620,355	747,101	785,837	844,689	878,940	894,992	(D)	285	394	602	655	(D)
Other transportation[8]	4,033,566	4,199,492	4,373,237	5,104,541	5,386,925	5,821,372	(D)	662,729	704,657	775,025	819,761	(D)
Communication	5,932,786	5,964,634	6,252,446	6,269,061	6,540,062	6,413,082	902,117	934,278	1,042,529	1,020,649	1,221,144	1,254,492
Electric, gas, and sanitary services	2,670,571	2,960,977	3,310,281	3,495,426	3,586,711	3,749,232	421,882	448,844	488,724	519,365	475,246	487,481
Wholesale trade	15,696,718	17,957,767	19,860,283	21,457,988	22,622,660	25,323,082	1,924,596	2,127,859	2,250,027	2,233,695	2,317,204	2,424,549
Retail trade	26,588,738	28,909,125	30,981,880	33,034,704	35,140,373	38,106,184	3,294,555	3,566,729	3,711,771	3,809,322	3,819,396	3,956,859
Finance, insurance, and real estate	16,652,834	18,528,836	20,898,081	24,661,754	28,647,310	30,575,223	2,039,152	2,282,835	2,507,755	2,723,654	2,815,279	2,802,812
Banking and credit agencies	6,701,170	7,372,640	7,960,497	9,025,573	9,912,715	10,387,604	770,420	847,007	912,009	998,024	968,766	889,434
Other finance, insurance, and real estate[9]	9,951,664	11,156,196	12,937,584	15,636,181	18,734,595	20,187,619	1,268,732	1,435,828	1,595,746	1,725,630	1,846,513	1,913,378
Services	61,402,692	70,567,383	78,212,553	86,453,171	98,269,720	108,675,138	6,340,590	7,134,573	7,821,074	8,478,716	9,080,407	9,928,260
Hotels and other lodging places	1,677,605	1,907,234	2,080,276	2,243,258	2,632,376	3,059,811	291,341	305,563	332,388	339,206	367,673	378,400
Personal services	2,397,666	2,564,988	3,143,476	3,393,185	3,701,665	4,041,524	312,047	334,886	413,735	441,859	453,571	481,846
Private households	1,066,923	1,204,664	1,231,104	1,252,619	1,284,366	1,323,166	61,848	69,321	70,292	70,521	71,211	71,865
Business services	14,463,301	17,377,652	19,388,758	21,452,609	24,213,839	27,444,456	1,272,626	1,519,456	1,732,844	1,870,845	2,031,477	2,323,253
Auto repair, services, and garages	2,746,162	3,229,286	3,631,892	3,909,581	4,197,591	4,646,841	277,110	327,098	364,214	390,963	399,660	430,868
Miscellaneous repair services	1,405,171	1,776,925	1,752,724	1,768,298	1,772,557	2,020,411	138,187	155,669	144,930	164,751	164,971	185,428
Amusement and recreation services	1,788,309	2,161,795	2,450,443	2,892,538	3,342,399	3,746,015	203,802	235,491	274,178	299,844	321,067	349,977
Motion pictures	2,535,431	3,202,840	3,609,132	3,857,373	4,366,737	4,662,299	23,311	32,740	36,280	37,531	36,208	41,410
Health services	16,907,395	18,428,736	20,310,658	22,183,662	25,891,528	27,546,682	1,789,518	1,904,408	2,028,973	2,224,610	2,488,754	2,688,434
Legal services	4,327,753	5,202,454	5,891,669	6,926,306	8,123,629	9,308,624	486,633	580,154	625,550	722,689	773,713	855,120
Educational services	2,047,338	2,280,795	2,426,998	2,505,086	2,658,738	2,947,792	161,181	180,260	192,225	193,998	211,953	235,154
Social services	1,154,642	1,287,044	1,453,224	1,674,045	1,949,750	2,223,795	129,378	146,074	167,746	187,918	203,605	235,600
Museums, botanical, zoological gardens	56,507	65,541	76,641	88,922	100,187	113,724	3,744	4,434	4,640	4,935	5,614	6,628
Membership organizations	2,305,036	2,420,321	2,611,707	2,771,336	2,983,577	3,256,717	281,302	304,067	315,688	329,633	348,844	378,068
Miscellaneous services	6,523,453	7,457,108	8,153,851	9,534,353	11,050,781	12,333,281	908,562	1,034,952	1,117,391	1,199,413	1,202,086	1,266,209
Government and government enterprises	41,296,894	44,348,422	48,482,341	51,754,909	55,748,587	59,695,482	5,444,954	5,797,426	6,201,865	6,545,251	6,999,171	7,376,619
Federal, civilian	8,301,806	8,754,664	9,308,564	9,384,782	9,916,336	10,660,136	1,305,751	1,375,836	1,440,147	1,456,137	1,561,608	1,690,772
Military	5,582,034	5,982,554	6,345,527	6,608,281	6,811,900	7,007,835	728,646	768,519	820,170	879,783	931,929	973,989
State and local	27,413,054	29,611,204	32,828,250	35,761,846	39,020,351	42,027,511	3,410,557	3,653,071	3,941,548	4,209,331	4,505,634	4,711,858

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Connecticut						Delaware					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**48,630,389**	**53,892,924**	**57,891,554**	**62,299,605**	**68,283,581**	**74,468,121**	**7,713,949**	**8,390,636**	**9,105,622**	**9,748,653**	**10,647,839**	**11,685,385**
Nonfarm personal income	48,507,331	53,738,877	57,749,871	62,128,964	68,113,534	74,289,941	7,614,799	8,250,739	8,985,714	9,581,894	10,515,648	11,490,654
Farm income[1]	123,058	154,047	141,683	170,641	170,047	178,180	99,150	139,897	119,908	166,759	132,191	194,731
Population (thousands)[2]	3,140.3	3,153.3	3,171.4	3,193.6	3,211.7	3,233.1	606.4	614.0	622.1	636.8	647.9	660.2
Per capita personal income (dollars)	**15,486**	**17,091**	**18,254**	**19,508**	**21,261**	**23,033**	**12,722**	**13,666**	**14,637**	**15,308**	**16,434**	**17,700**
Derivation of total personal income:												
Total earnings by place of work	33,803,404	37,703,440	41,145,301	44,666,329	49,457,585	54,138,530	6,172,801	6,682,022	7,222,344	7,735,364	8,536,493	9,415,402
Less: Personal contributions for social insurance[3]	2,011,405	2,258,584	2,577,328	2,804,020	3,102,006	3,540,931	478,533	519,571	590,536	695,388	764,526	877,413
Plus: Adjustment for residence	2,118,838	2,314,211	2,429,796	2,475,731	2,577,285	2,730,536	−221,287	−215,471	−222,617	−194,433	−256,814	−320,673
Equals: Net earnings by place of residence	33,910,837	37,759,067	40,997,769	44,338,040	48,932,864	53,328,135	5,472,981	5,946,980	6,409,191	6,845,543	7,515,153	8,217,316
Plus: Dividends, interest, and rent[5]	8,903,409	10,121,462	10,495,517	11,172,227	12,257,241	13,527,892	1,214,232	1,354,120	1,529,743	1,629,078	1,786,629	1,994,896
Plus: Transfer payments	5,816,143	6,012,395	6,398,268	6,789,338	7,093,476	7,612,094	1,026,736	1,089,536	1,166,688	1,274,032	1,346,057	1,473,173
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	28,039,365	31,356,381	34,204,630	37,253,829	41,261,429	45,300,725	5,075,454	5,471,240	5,912,542	6,271,607	6,970,180	7,665,098
Other labor income	3,229,871	3,415,640	3,646,732	3,850,416	4,223,434	4,531,337	618,789	639,663	658,606	706,739	767,921	817,853
Proprietors' income[6]	2,534,168	2,931,419	3,293,939	3,562,084	3,972,722	4,306,468	478,558	571,119	651,196	757,018	798,392	932,451
Farm	75,856	107,962	95,951	125,347	122,251	130,175	80,200	121,227	101,601	148,843	113,579	176,321
Nonfarm	2,458,312	2,823,457	3,197,988	3,436,737	3,850,471	4,176,293	398,358	449,892	549,595	608,175	684,813	756,130
Earnings by industry:												
Farm	123,058	154,047	141,683	170,641	170,047	178,180	99,150	139,897	119,908	166,759	132,191	194,731
Nonfarm	33,680,346	37,549,393	41,003,618	44,495,688	49,287,538	53,960,350	6,073,651	6,542,125	7,102,436	7,568,605	8,404,302	9,220,671
Private	29,944,970	33,396,257	36,330,499	39,570,265	43,808,273	47,925,070	5,212,409	5,628,612	6,127,186	6,522,404	7,275,888	7,995,529
Agricultural services, forestry, fisheries, and other[7]	120,247	124,592	138,793	157,920	221,207	260,432	19,535	19,532	20,131	21,733	29,051	34,138
Agricultural services	109,374	117,152	130,631	148,897	212,561	251,166	17,901	18,584	18,947	20,144	27,452	32,326
Forestry, fisheries, and other[7]	10,873	7,440	8,162	9,023	8,646	9,266	1,634	948	1,184	1,589	1,599	1,812
Mining	160,596	170,486	226,195	118,718	115,188	125,546	20,106	22,094	31,268	11,730	9,591	10,582
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	103,503	115,724	159,783	49,044	46,183	(D)	(D)	19,859	29,631	9,022	7,124	7,754
Metal mining	(D)	(D)	(D)	(D)	(D)	394	0	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	24,003	26,681	29,907	35,236	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,985,583	2,330,645	2,584,762	2,971,498	3,475,406	3,900,069	518,701	550,523	604,810	663,726	743,883	862,121
Manufacturing	11,050,381	12,103,361	12,561,251	13,007,659	13,372,679	13,771,714	2,264,351	2,436,118	2,601,091	2,597,104	2,732,837	2,805,284
Nondurable goods	2,633,364	2,821,883	2,968,938	3,135,004	3,252,814	3,402,806	1,703,427	1,812,912	1,913,322	1,965,656	2,044,094	2,169,452
Food and kindred products	319,369	347,062	361,730	365,808	380,771	391,370	139,233	152,218	161,709	170,507	172,490	172,796
Textile mill products	122,058	143,530	108,883	100,256	99,215	89,860	(D)	9,686	8,287	(D)	(D)	(D)
Apparel and other textile products	140,849	173,421	176,826	191,092	157,504	170,517	13,975	13,024	12,070	(D)	(D)	(D)
Paper and allied products	327,434	319,963	332,323	343,903	378,480	402,894	63,938	64,463	67,258	68,291	71,687	73,485
Printing and publishing	553,736	588,364	663,697	719,336	783,504	868,622	42,599	44,657	51,660	56,815	64,754	67,442
Chemicals and allied products	810,044	854,100	919,913	1,001,502	1,021,730	1,047,890	1,303,129	1,377,267	1,469,425	1,501,464	1,575,602	1,678,850
Petroleum and coal products	21,496	8,189	8,822	12,851	15,439	16,524	65,752	67,277	65,582	(D)	52,672	(D)
Tobacco manufactures	24,113	27,496	30,096	31,595	32,481	34,219	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	304,966	349,432	356,953	356,612	370,083	367,664	(D)	(D)	(D)	(D)	82,055	94,321
Leather and leather products	9,299	10,326	9,695	12,049	13,607	13,246	906	(D)	(D)	(D)	(D)	226
Durable goods	8,417,017	9,281,478	9,592,313	9,872,655	10,119,865	10,368,908	560,924	623,206	687,769	631,448	688,743	635,832
Lumber and wood products	50,862	74,251	86,577	99,228	109,958	119,808	(D)	13,881	16,082	(D)	22,746	(D)
Furniture and fixtures	71,272	85,682	91,380	92,685	95,344	99,038	6,686	8,106	7,901	9,698	14,238	16,631
Primary metal industries	490,885	576,948	462,819	458,599	465,245	485,752	(D)	(D)	(D)	(D)	(D)	30,363
Fabricated metal products	1,411,452	1,345,047	1,336,648	1,305,933	1,326,898	1,398,651	38,717	41,970	40,755	51,266	52,692	54,630
Machinery, except electrical	1,292,009	1,468,825	1,542,795	1,731,062	1,741,331	1,861,528	30,100	29,764	32,626	34,798	36,609	39,269
Electric and electronic equipment	1,247,704	1,616,227	1,698,375	1,560,968	1,630,386	1,620,004	12,518	97,464	84,692	(D)	82,282	(D)
Transportation equip. excl. motor vehicles	2,664,747	2,805,395	3,036,526	3,237,520	3,366,388	3,312,679	6,315	(D)	(D)	(D)	(D)	6,297
Motor vehicles and equipment	57,395	83,147	89,904	99,009	98,311	109,469	286,977	335,616	(D)	330,974	394,891	313,479
Stone, clay, and glass products	153,824	154,676	151,745	155,923	172,910	189,565	17,139	20,522	17,319	18,186	20,586	23,217
Instruments and related products	743,115	804,860	831,985	868,457	843,874	903,560	97,873	19,065	21,521	24,363	27,729	29,076
Miscellaneous manufacturing industries	233,752	266,420	263,559	263,271	269,220	268,854	3,411	3,676	4,292	3,305	2,836	3,086
Transportation and public utilities	1,788,359	1,987,660	2,207,691	2,242,341	2,625,363	2,734,975	327,708	340,575	350,140	382,927	462,254	491,685
Railroad transportation	(D)	(D)	(D)	(D)	38,638	34,851	(D)	42,189	39,331	(D)	(D)	(D)
Trucking and warehousing	368,310	420,761	443,422	484,325	560,351	612,638	(D)	92,245	92,809	104,338	138,813	145,510
Water transportation	34,851	44,712	(D)	(D)	69,592	74,333	10,506	11,338	13,036	(D)	30,705	35,310
Other transportation[8]	(D)	(D)	(D)	(D)	447,868	493,098	(D)	(D)	(D)	(D)	45,046	51,024
Communication	614,176	659,552	758,524	707,891	930,602	918,250	64,894	56,542	57,460	57,743	72,343	82,875
Electric, gas, and sanitary services	432,052	478,848	534,217	553,767	578,312	601,805	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	2,124,105	2,362,835	2,723,016	2,922,918	3,289,621	3,722,467	242,455	260,363	280,175	302,544	341,815	404,753
Retail trade	3,056,503	3,376,928	3,649,776	4,133,160	4,641,588	5,089,845	545,235	587,833	626,618	683,470	756,104	825,037
Finance, insurance, and real estate	2,903,321	3,196,444	3,527,232	4,143,844	4,952,597	5,701,560	304,268	343,026	403,195	502,330	638,357	731,360
Banking and credit agencies	696,234	798,246	891,952	1,052,108	1,234,756	1,350,136	151,045	187,865	232,839	312,133	398,725	452,440
Other finance, insurance, and real estate[9]	2,207,087	2,398,198	2,635,280	3,091,736	3,717,841	4,351,424	153,223	155,161	170,356	190,197	239,632	278,920
Services	6,755,875	7,743,306	8,711,783	9,872,207	11,114,624	12,618,462	970,050	1,068,548	1,209,758	1,356,840	1,561,996	1,830,569
Hotels and other lodging places	91,895	106,494	124,625	145,095	185,742	218,267	24,314	26,246	27,178	28,615	33,927	37,901
Personal services	295,659	318,826	404,717	449,148	488,770	543,222	40,310	42,428	51,149	56,272	63,057	71,767
Private households	111,107	123,629	124,378	124,082	124,979	126,615	27,962	31,402	31,846	32,184	32,766	33,589
Business services	1,482,501	1,775,281	1,979,995	2,305,093	2,554,567	2,913,674	161,617	179,714	227,220	263,445	315,496	377,419
Auto repair, services, and garages	226,017	259,662	296,037	329,765	362,639	406,484	45,659	53,540	62,117	59,851	69,469	85,471
Miscellaneous repair services	104,263	116,926	122,606	149,584	160,129	203,395	18,846	22,124	21,757	23,092	27,177	31,765
Amusement and recreation services	137,960	150,654	175,157	208,915	232,513	248,376	20,556	24,012	29,005	32,073	35,851	40,920
Motion pictures	20,222	32,213	41,191	43,288	42,623	53,888	1,631	1,901	2,163	2,631	2,678	2,686
Health services	2,339,586	2,564,512	2,813,064	3,039,938	3,557,840	4,046,515	352,692	378,735	411,952	467,085	533,025	623,377
Legal services	434,547	534,366	600,775	712,712	793,492	904,636	74,999	84,949	93,848	109,065	128,134	156,107
Educational services	507,360	570,897	633,356	672,885	710,844	749,638	41,655	45,829	44,314	47,151	54,288	63,784
Social services	181,229	208,145	239,606	276,347	324,296	397,185	38,380	41,359	45,140	50,555	57,181	66,121
Museums, botanical, zoological gardens	9,853	10,997	11,980	12,794	14,548	16,508	8,055	8,545	9,081	9,544	10,573	13,786
Membership organizations	244,575	265,569	290,264	321,472	350,076	387,204	47,179	51,400	54,291	55,553	60,493	65,618
Miscellaneous services	569,101	705,135	854,032	1,081,089	1,211,566	1,402,855	66,195	76,364	98,697	119,724	137,881	160,258
Government and government enterprises	3,735,376	4,153,136	4,673,119	4,925,423	5,479,265	6,035,280	861,242	913,513	975,250	1,046,201	1,128,414	1,225,142
Federal, civilian	563,634	626,038	659,947	669,506	736,778	796,132	133,864	143,908	148,135	150,894	162,520	176,406
Military	297,913	330,711	350,963	358,691	368,999	375,813	109,207	111,933	116,737	121,408	127,876	128,731
State and local	2,873,829	3,196,387	3,662,209	3,897,226	4,373,488	4,863,335	618,171	657,672	710,378	773,899	838,018	920,005

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	District of Columbia						Florida					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**9,598,516**	**10,391,868**	**11,105,107**	**11,423,380**	**12,120,571**	**13,170,655**	**130,641,287**	**143,926,341**	**158,411,433**	**171,115,689**	**187,457,506**	**204,855,434**
Nonfarm personal income	9,598,516	10,391,868	11,105,107	11,423,380	12,120,571	13,170,655	128,246,349	141,902,703	156,328,257	168,854,037	185,166,306	202,275,041
Farm income[1]	0	0	0	0	0	0	2,394,938	2,023,638	2,083,176	2,261,652	2,291,200	2,580,393
Population (thousands)[2]	624.5	623.9	623.3	625.2	621.2	617.0	10,753.7	11,046.5	11,364.6	11,688.8	12,022.8	12,335.2
Per capita personal income (dollars)	**15,369**	**16,657**	**17,817**	**18,271**	**19,513**	**21,347**	**12,149**	**13,029**	**13,939**	**14,639**	**15,592**	**16,607**
Derivation of total personal income:												
Total earnings by place of work	16,660,213	18,021,177	19,306,595	20,337,197	22,058,860	24,264,582	80,827,211	89,719,323	98,559,577	107,762,545	119,315,267	130,087,016
Less: Personal contributions for social insurance[3]	1,121,852	1,216,324	1,337,767	1,371,943	1,453,139	1,610,658	4,235,485	4,812,671	5,564,978	6,131,068	6,763,006	7,755,540
Plus: Adjustment for residence	−9,649,725	−10,365,393	−11,005,411	−11,639,085	−12,754,456	−14,073,561	−26,086	−37,084	−56,672	−65,816	−83,818	−120,925
Equals: Net earnings by place of residence	5,888,636	6,439,460	6,963,417	7,326,169	7,851,265	8,580,363	76,565,640	84,869,568	92,937,927	101,565,661	112,468,443	122,210,551
Plus: Dividends, interest, and rent[5]	1,391,305	1,543,295	1,683,962	1,737,627	1,816,346	1,983,708	31,146,392	35,097,173	39,271,060	41,825,764	45,356,712	50,483,260
Plus: Transfer payments	2,318,575	2,409,113	2,457,728	2,359,584	2,452,960	2,606,584	22,929,255	23,959,600	26,202,446	27,724,264	29,632,351	32,161,623
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	14,857,392	16,059,387	17,227,044	18,156,900	19,633,585	21,569,742	66,152,189	73,882,193	81,017,208	87,972,568	97,438,935	106,259,395
Other labor income	1,020,319	1,072,122	1,099,047	1,144,288	1,303,430	1,497,567	6,276,020	6,774,687	7,157,654	7,890,611	8,705,025	9,455,276
Proprietors' income[6]	782,502	889,668	980,504	1,036,009	1,121,845	1,197,273	8,399,002	9,062,443	10,384,715	11,899,366	13,171,307	14,372,345
Farm	0	0	0	0	0	0	1,884,394	1,522,781	1,586,370	1,768,411	1,772,359	2,058,968
Nonfarm	782,502	889,668	980,504	1,036,009	1,121,845	1,197,273	6,514,608	7,539,662	8,798,345	10,130,955	11,398,948	12,313,377
Earnings by industry:												
Farm	0	0	0	0	0	0	2,394,938	2,023,638	2,083,176	2,261,652	2,291,200	2,580,393
Nonfarm	16,660,213	18,021,177	19,306,595	20,337,197	22,058,860	24,264,582	78,432,273	87,695,685	96,476,401	105,500,893	117,024,067	127,506,623
Private	8,829,948	9,706,202	10,560,892	11,459,459	12,614,579	13,968,384	65,101,054	73,333,122	80,795,465	88,509,247	98,293,202	107,099,636
Agricultural services, forestry, fisheries, and other[7]	144,770	156,813	167,155	178,367	200,616	214,145	763,725	795,492	912,505	1,004,651	1,170,114	1,334,450
Agricultural services	2,629	3,091	3,545	4,227	5,266	7,063	672,177	730,861	793,136	844,857	1,036,605	1,188,714
Forestry, fisheries, and other[7]	142,141	153,722	163,610	174,140	195,350	207,082	91,548	64,631	119,369	159,794	133,509	145,736
Mining	21,188	24,036	33,831	13,028	12,261	11,703	575,978	627,993	824,005	421,108	392,814	417,950
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	4,700	4,760	4,600	4,530	2,371	2,430
Oil and gas extraction	(D)	22,612	32,688	11,645	11,032	10,375	363,088	387,290	580,934	184,216	165,306	163,212
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	8,178	12,407	13,467	12,919	13,693	13,800
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	200,012	223,536	225,004	219,443	211,444	238,508
Construction	275,651	312,442	350,200	403,969	441,055	466,674	6,259,695	7,507,541	8,187,207	8,894,304	9,400,923	10,094,167
Manufacturing	438,085	476,027	523,906	576,474	623,097	685,118	9,889,791	11,146,846	12,004,866	12,709,676	13,548,531	14,525,699
Nondurable goods	397,704	421,248	443,907	461,987	503,330	566,822	3,718,424	4,071,118	4,281,636	4,499,115	4,791,797	5,185,685
Food and kindred products	21,427	20,399	20,782	19,845	19,688	18,775	977,546	1,010,402	1,041,478	1,099,012	1,135,529	1,208,240
Textile mill products	(D)	814	778	286	317	322	(D)	34,952	33,820	38,987	59,138	68,141
Apparel and other textile products	631	749	925	(D)	(D)	(D)	347,226	375,656	365,207	386,122	416,901	454,768
Paper and allied products	11,846	11,368	2,607	1,917	1,813	1,671	405,137	429,138	448,351	454,701	472,057	494,188
Printing and publishing	339,563	363,811	394,528	417,768	457,498	522,902	883,862	1,045,800	1,194,614	1,317,184	1,452,316	1,599,718
Chemicals and allied products	11,854	12,786	12,818	13,321	16,214	16,878	692,775	756,112	774,476	768,465	761,709	810,963
Petroleum and coal products	9,805	9,702	9,350	7,223	6,184	5,025	(D)	51,996	54,853	62,913	62,942	60,784
Tobacco manufactures	1,723	1,405	1,398	0	(D)	(D)	34,708	37,314	34,232	29,872	30,568	29,202
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	365	261	257,701	291,845	301,165	312,696	369,361	424,837
Leather and leather products	0	(D)	(D)	(D)	(D)	0	37,521	37,903	33,440	29,163	31,276	34,844
Durable goods	40,381	54,779	79,999	114,487	119,767	118,296	6,171,367	7,075,728	7,723,230	8,210,561	8,756,734	9,340,014
Lumber and wood products	(D)	1,066	966	(D)	1,155	(D)	414,720	474,189	499,296	526,397	560,657	582,015
Furniture and fixtures	386	638	1,114	1,176	1,584	1,640	176,876	202,031	221,978	240,839	267,955	293,890
Primary metal industries	(D)	(D)	(D)	(D)	(D)	1,712	114,867	128,388	130,295	135,884	145,424	157,124
Fabricated metal products	1,864	2,010	2,476	2,397	2,507	3,223	664,981	742,375	788,830	830,129	883,272	894,008
Machinery, except electrical	2,339	4,048	7,498	10,145	10,646	21,268	974,627	1,167,680	1,281,524	1,300,920	1,305,859	1,399,442
Electric and electronic equipment	10,941	8,630	11,005	(D)	47,887	(D)	1,553,158	1,822,530	2,004,473	2,080,899	2,194,759	2,386,249
Transportation equip. excl. motor vehicles	3,995	(D)	(D)	(D)	(D)	14,880	1,377,579	1,487,345	1,676,421	1,867,516	2,052,906	2,174,999
Motor vehicles and equipment	2,465	(D)	(D)	4,007	4,450	4,834	71,939	81,675	93,290	111,365	129,950	146,672
Stone, clay, and glass products	3,431	4,031	4,969	5,669	6,217	6,615	456,975	539,093	549,433	600,336	652,118	688,075
Instruments and related products	1,341	1,672	1,957	2,270	3,511	4,674	227,161	268,439	305,262	330,957	365,767	404,582
Miscellaneous manufacturing industries	2,169	2,760	3,042	3,093	3,531	3,373	138,484	161,983	172,428	185,319	198,067	212,958
Transportation and public utilities	881,251	904,019	925,475	946,011	1,034,290	1,127,542	6,608,255	7,021,709	7,427,372	7,881,529	8,472,277	8,824,360
Railroad transportation	(D)	74,845	82,095	(D)	(D)	(D)	350,398	357,320	329,523	310,799	296,239	306,044
Trucking and warehousing	(D)	20,950	22,445	26,269	26,092	29,042	1,054,500	1,258,051	1,310,400	1,457,396	1,614,341	1,808,832
Water transportation	2,566	2,954	3,556	(D)	4,053	4,180	253,501	277,598	294,144	291,449	330,610	378,727
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,704,874	1,746,964	1,884,201	2,052,307	2,258,799	2,270,639
Communication	559,653	551,078	570,287	566,121	623,521	695,651	2,214,850	2,267,310	2,354,366	2,346,467	2,483,555	2,490,467
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	1,030,132	1,114,466	1,254,738	1,423,111	1,488,733	1,569,651
Wholesale trade	287,717	296,999	301,135	311,580	312,096	343,593	5,013,656	5,594,975	6,232,523	6,615,110	7,433,907	8,341,254
Retail trade	673,015	727,324	751,261	794,101	841,096	903,096	10,264,989	11,283,640	12,363,306	13,521,956	14,816,599	16,108,250
Finance, insurance, and real estate	853,366	922,051	1,060,081	1,176,799	1,294,077	1,359,580	5,868,884	6,335,641	7,155,252	8,179,497	9,527,070	10,189,695
Banking and credit agencies	352,606	389,594	425,162	466,224	499,777	484,805	2,000,536	2,271,306	2,539,948	2,925,379	3,227,638	3,477,018
Other finance, insurance, and real estate[9]	500,760	532,457	634,919	710,575	794,300	874,775	3,868,348	4,064,335	4,615,304	5,254,118	6,299,432	6,712,677
Services	5,254,905	5,886,491	6,447,848	7,059,130	7,855,991	8,856,933	19,856,081	23,019,285	25,688,429	29,281,416	33,530,967	37,263,811
Hotels and other lodging places	195,411	212,845	239,313	261,197	302,270	323,226	1,138,416	1,266,797	1,375,894	1,561,140	1,782,815	1,969,798
Personal services	69,374	70,441	78,431	85,904	88,608	91,121	763,317	847,628	1,027,074	1,146,669	1,251,622	1,384,610
Private households	94,936	105,170	105,068	104,485	103,967	103,856	563,031	640,737	659,369	672,983	693,406	716,442
Business services	835,155	988,964	1,130,281	1,244,701	1,414,586	1,617,988	2,915,740	3,611,150	4,117,219	4,694,554	5,398,250	6,113,232
Auto repair, services, and garages	41,155	44,570	49,424	53,631	57,386	63,604	794,720	935,640	1,042,718	1,150,895	1,262,909	1,398,132
Miscellaneous repair services	15,325	17,159	19,153	19,696	17,166	20,624	398,209	473,029	450,190	519,994	571,174	628,975
Amusement and recreation services	35,233	41,877	42,858	43,044	47,682	59,442	964,379	1,049,214	1,133,502	1,262,711	1,416,995	1,523,899
Motion pictures	15,417	19,085	20,614	23,814	28,048	37,469	61,433	71,369	81,756	89,613	98,365	106,963
Health services	748,803	794,762	851,032	938,861	1,050,680	1,160,789	6,417,927	7,175,136	7,930,718	8,709,543	10,311,767	11,465,692
Legal services	1,219,238	1,400,306	1,499,026	1,671,652	1,876,695	2,181,008	1,574,621	1,913,393	2,186,068	2,535,778	3,030,497	3,340,195
Educational services	490,555	555,317	601,712	612,391	692,219	749,403	541,718	610,967	678,193	730,274	820,438	924,747
Social services	142,173	153,292	162,793	172,233	202,702	222,073	403,455	472,929	541,820	623,595	724,578	860,248
Museums, botanical, zoological gardens	3,011	3,531	4,522	5,114	6,764	7,571	6,822	7,410	8,917	10,411	11,534	13,628
Membership organizations	762,379	809,304	878,168	952,051	1,014,723	1,133,179	736,838	874,894	916,212	997,086	1,082,967	1,221,030
Miscellaneous services	586,740	669,868	765,453	870,356	952,495	1,085,580	2,575,455	3,068,992	3,538,779	4,576,170	5,073,650	5,596,220
Government and government enterprises	7,830,265	8,314,975	8,745,703	8,877,738	9,444,281	10,296,198	13,331,219	14,362,563	15,680,936	16,991,646	18,730,865	20,406,987
Federal, civilian	6,219,563	6,582,129	6,904,203	6,910,555	7,296,688	7,930,211	2,475,392	2,671,917	2,882,433	2,932,650	3,183,616	3,527,375
Military	421,332	442,139	480,897	514,826	542,282	558,881	1,936,949	2,043,403	2,216,416	2,395,653	2,508,676	2,517,780
State and local	1,189,370	1,290,707	1,360,603	1,452,357	1,605,311	1,807,106	8,918,878	9,647,243	10,582,087	11,663,343	13,038,573	14,361,832

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Georgia						Hawaii					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**61,210,851**	**68,920,097**	**75,394,317**	**82,408,544**	**89,575,188**	**96,815,918**	**12,875,276**	**13,627,901**	**14,588,685**	**15,607,407**	**16,832,204**	**18,388,009**
Nonfarm personal income	60,595,526	67,735,589	74,446,467	81,293,421	88,406,432	95,499,404	12,508,003	13,360,945	14,330,335	15,301,957	16,570,807	18,124,317
Farm income[1]	615,325	1,184,508	947,850	1,115,123	1,168,756	1,316,514	367,273	266,956	258,350	305,450	261,397	263,692
Population (thousands)[2]	5,735.6	5,844.3	5,974.8	6,100.6	6,227.3	6,341.7	1,018.6	1,036.0	1,051.5	1,063.6	1,082.0	1,098.2
Per capita personal income (dollars)	**10,672**	**11,793**	**12,619**	**13,508**	**14,384**	**15,267**	**12,640**	**13,154**	**13,874**	**14,674**	**15,557**	**16,743**
Derivation of total personal income:												
Total earnings by place of work	46,614,597	53,290,193	58,477,244	64,372,250	70,153,909	75,616,249	9,752,621	10,271,819	11,004,618	11,833,010	12,871,902	14,117,100
Less: Personal contributions for social insurance[3]	2,512,494	2,878,546	3,324,187	3,661,967	3,953,176	4,431,903	586,347	625,891	678,072	727,730	794,412	908,306
Plus: Adjustment for residence	−122,746	−171,332	−154,475	−233,579	−232,708	−167,831	0	0	0	0	0	0
Equals: Net earnings by place of residence	43,979,357	50,240,315	54,998,582	60,476,704	65,968,025	71,016,515	9,166,274	9,645,928	10,326,546	11,105,280	12,077,490	13,208,794
Plus: Dividends, interest, and rent[4]	8,422,888	9,476,251	10,369,158	11,110,177	12,157,043	13,403,277	1,837,394	2,048,626	2,188,788	2,308,163	2,460,719	2,723,595
Plus: Transfer payments	8,808,606	9,203,531	10,026,577	10,821,663	11,450,120	12,396,126	1,871,608	1,933,347	2,073,351	2,193,964	2,293,995	2,455,620
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	38,911,005	44,042,375	48,647,287	53,092,118	57,739,533	62,224,409	8,114,242	8,583,544	9,184,056	9,778,278	10,693,596	11,749,682
Other labor income	3,804,355	4,158,566	4,421,397	4,926,869	5,414,970	5,819,884	700,574	751,660	758,523	852,189	920,291	1,028,712
Proprietors' income[5]	3,899,237	5,089,252	5,408,560	6,353,263	6,999,406	7,571,956	937,805	936,615	1,062,039	1,202,543	1,258,015	1,338,706
Farm	466,122	1,037,932	803,028	972,458	1,018,021	1,165,109	215,165	114,940	107,963	153,717	102,797	102,919
Nonfarm	3,433,115	4,051,320	4,605,532	5,380,805	5,981,385	6,406,847	722,640	821,675	954,076	1,048,826	1,155,218	1,235,787
Earnings by industry:												
Farm	615,325	1,184,508	947,850	1,115,123	1,168,756	1,316,514	367,273	266,956	258,350	305,450	261,397	263,692
Nonfarm	45,999,272	52,105,685	57,529,394	63,257,127	68,985,153	74,299,735	9,385,348	10,004,863	10,746,268	11,527,560	12,610,505	13,853,408
Private	37,444,107	42,921,562	47,626,568	52,700,988	57,592,367	62,009,130	6,344,893	6,780,180	7,313,895	8,005,449	8,942,832	9,955,716
Agricultural services, forestry, fisheries, and other[7]	209,456	224,475	242,674	249,794	303,629	335,747	44,092	45,802	50,071	58,550	67,627	81,212
Agricultural services	142,847	165,414	191,190	208,532	263,277	291,950	36,641	40,648	39,489	44,612	54,834	65,927
Forestry, fisheries, and other[7]	66,609	59,061	51,484	41,262	40,352	43,797	7,451	5,154	10,582	13,938	12,793	15,285
Mining	234,057	266,565	308,857	263,715	285,897	305,201	15,512	16,164	22,949	7,467	11,164	11,452
Coal mining	2,040	1,280	(D)	(D)	(D)	997	0	0	0	0	0	0
Oil and gas extraction	58,903	63,138	96,555	28,600	27,295	26,485	13,755	15,112	21,887	6,185	5,916	5,795
Metal mining	1,304	1,925	(D)	(D)	(D)	538	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	171,810	200,222	211,252	234,268	257,662	277,181	1,761	1,076	1,091	1,294	5,221	5,634
Construction	2,753,371	3,486,268	3,936,617	4,562,490	4,680,502	4,807,281	636,850	601,438	661,169	771,988	900,179	1,024,178
Manufacturing	10,019,933	11,258,487	12,057,892	13,031,648	13,868,864	14,424,543	498,033	487,179	523,989	542,123	570,455	601,339
Nondurable goods	5,872,264	6,378,213	6,671,683	7,208,469	7,709,810	8,074,377	402,252	395,176	420,005	429,347	449,872	465,550
Food and kindred products	1,144,080	1,181,104	1,248,125	1,371,062	1,461,384	1,540,288	207,953	205,521	199,631	209,475	213,687	228,817
Textile mill products	1,726,514	1,795,565	1,795,712	1,955,484	2,140,559	2,206,579	3,256	3,651	(D)	4,284	4,245	(D)
Apparel and other textile products	786,531	864,462	858,484	879,780	890,098	948,338	28,679	30,010	35,195	39,407	38,094	40,495
Paper and allied products	791,917	900,522	952,300	1,027,566	1,072,264	1,113,661	5,234	5,242	5,625	6,311	6,726	(D)
Printing and publishing	526,304	634,667	726,001	830,611	903,065	985,637	118,667	109,744	135,612	129,437	143,474	137,601
Chemicals and allied products	445,861	510,354	550,237	583,182	603,692	642,494	11,583	12,405	11,750	11,845	12,161	13,343
Petroleum and coal products	32,842	35,591	34,264	41,258	44,808	40,278	23,740	24,226	24,248	24,420	27,166	28,801
Tobacco manufactures	80,813	92,263	110,107	116,600	150,082	153,332	(L)	(D)	(L)	156	183	194
Rubber and misc. plastic products	316,929	344,881	376,878	384,067	422,771	419,572	(D)	3,094	2,834	3,052	3,194	3,530
Leather and leather products	20,473	18,804	19,575	18,859	21,087	24,198	(D)	(D)	(D)	960	942	921
Durable goods	4,147,669	4,880,274	5,386,209	5,823,179	6,159,054	6,350,166	95,781	92,003	103,984	112,776	120,583	135,789
Lumber and wood products	523,089	594,556	651,369	692,474	731,150	755,607	5,286	5,474	8,428	7,686	8,741	9,882
Furniture and fixtures	151,846	175,152	193,225	197,253	213,738	211,163	8,706	7,427	8,666	(D)	(D)	14,364
Primary metal industries	384,566	449,310	474,195	496,671	526,992	536,055	2,030	(D)	840	969	248	(D)
Fabricated metal products	384,594	432,128	451,936	490,830	517,922	531,903	18,716	18,240	16,725	19,659	21,211	19,873
Machinery, except electrical	437,264	533,286	603,029	652,961	693,553	695,911	3,211	5,221	4,076	4,248	2,978	6,718
Electric and electronic equipment	536,204	606,148	662,158	768,233	797,289	903,391	447	621	766	2,453	3,408	3,949
Transportation equip. excl. motor vehicles	680,931	814,131	915,713	997,485	1,123,340	1,066,555	11,956	9,057	14,542	16,209	16,043	18,921
Motor vehicles and equipment	453,193	618,035	719,015	746,043	738,198	780,696	(D)	(D)	(D)	760	829	(D)
Stone, clay, and glass products	379,234	424,997	464,030	514,525	537,114	562,608	34,931	31,225	37,078	38,620	40,275	45,332
Instruments and related products	119,202	119,217	132,470	144,205	149,657	163,943	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	97,546	113,314	119,069	122,499	130,101	142,334	9,424	11,746	11,419	11,714	12,593	14,416
Transportation and public utilities	4,632,521	5,020,921	5,452,813	5,959,126	6,561,315	6,962,088	800,180	862,433	903,390	983,619	1,112,491	1,213,838
Railroad transportation	419,622	447,049	435,822	418,973	413,610	416,523	0	0	0	0	0	0
Trucking and warehousing	945,562	1,124,719	1,184,382	1,288,355	1,426,987	1,551,283	68,533	77,389	81,172	88,287	93,791	104,168
Water transportation	51,014	58,290	61,357	67,266	62,392	64,314	71,626	72,817	76,902	77,426	94,051	101,960
Other transportation[8]	1,279,116	1,371,976	1,522,744	1,623,120	1,789,591	1,874,276	349,479	380,701	395,153	451,931	525,972	578,917
Communication	1,230,935	1,224,399	1,352,915	1,450,955	1,687,665	1,796,621	226,592	241,371	248,207	254,905	280,985	302,238
Electric, gas, and sanitary services	706,272	794,488	895,593	1,110,457	1,181,070	1,259,071	83,950	90,155	101,956	111,070	117,692	126,555
Wholesale trade	4,128,847	4,857,448	5,494,150	5,776,169	6,258,208	7,024,437	375,041	407,874	441,550	464,519	506,747	557,758
Retail trade	4,770,857	5,423,734	5,999,600	6,475,322	7,021,953	7,509,867	1,093,646	1,179,429	1,254,069	1,333,552	1,488,479	1,655,682
Finance, insurance, and real estate	2,709,391	3,062,564	3,510,409	4,096,778	4,600,232	5,030,458	660,898	690,460	738,566	836,156	920,515	1,011,401
Banking and credit agencies	939,815	1,055,226	1,210,502	1,412,821	1,571,070	1,682,437	214,409	223,631	245,970	278,940	298,654	316,774
Other finance, insurance, and real estate[9]	1,769,576	2,007,338	2,299,907	2,683,957	3,029,162	3,348,021	446,489	466,829	492,596	557,216	621,861	694,627
Services	7,985,674	9,321,100	10,623,556	12,285,946	14,011,767	15,609,508	2,220,641	2,489,401	2,718,142	3,007,475	3,365,175	3,798,856
Hotels and other lodging places	354,693	401,330	437,605	484,879	533,776	568,983	450,164	504,459	533,691	574,746	644,682	770,562
Personal services	363,964	403,586	491,093	548,737	596,649	651,166	82,370	90,748	108,989	116,995	126,382	136,006
Private households	274,284	309,304	316,096	320,579	328,185	336,482	28,545	32,182	32,656	32,798	33,424	34,197
Business services	1,426,242	1,773,301	2,068,899	2,413,530	2,786,601	3,252,188	332,581	375,603	426,894	485,874	540,315	587,361
Auto repair, services, and garages	381,609	455,166	515,405	572,889	631,642	687,935	97,618	107,427	110,572	118,185	128,783	136,384
Miscellaneous repair services	158,448	191,712	174,213	204,962	233,827	261,615	33,341	37,239	33,887	38,508	42,573	52,533
Amusement and recreation services	138,925	160,193	180,449	211,765	242,043	276,563	64,983	75,723	84,760	95,099	107,161	119,398
Motion pictures	33,815	41,984	50,912	57,310	62,562	72,789	13,874	19,216	17,586	19,369	19,695	16,849
Health services	2,237,535	2,489,737	2,870,166	3,279,254	3,930,717	4,441,874	539,493	596,282	652,322	710,836	822,745	939,116
Legal services	623,539	776,303	886,676	1,048,705	1,187,196	1,329,238	156,376	193,846	217,906	238,251	270,377	306,457
Educational services	318,776	361,351	408,447	455,429	505,322	562,194	87,585	98,930	105,466	117,274	126,995	150,715
Social services	158,327	175,063	195,136	225,499	252,043	287,352	48,150	53,103	60,245	65,633	73,521	79,489
Museums, botanical, zoological gardens	2,319	2,571	3,817	4,516	5,152	6,382	5,528	5,845	6,582	6,995	7,980	9,115
Membership organizations	388,022	405,012	422,141	437,414	462,473	501,123	95,692	100,260	110,221	118,546	125,333	123,844
Miscellaneous services	1,125,176	1,374,487	1,602,501	2,020,478	2,253,579	2,373,624	184,341	198,538	216,365	268,366	295,209	336,830
Government and government enterprises	8,555,165	9,184,123	9,902,826	10,556,139	11,392,786	12,290,605	3,040,455	3,224,683	3,432,373	3,522,111	3,667,673	3,897,692
Federal, civilian	2,105,500	2,288,747	2,493,657	2,483,442	2,630,067	2,854,504	859,384	918,809	966,851	949,742	990,937	1,044,003
Military	1,306,558	1,372,623	1,429,607	1,511,598	1,563,720	1,605,692	1,094,486	1,174,848	1,273,806	1,294,632	1,326,451	1,352,281
State and local	5,143,107	5,522,753	5,979,562	6,561,099	7,198,999	7,830,409	1,086,585	1,131,026	1,191,716	1,277,737	1,350,285	1,501,408

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Idaho						Illinois					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**9,777,551**	**10,357,253**	**10,868,939**	**11,198,124**	**11,788,733**	**12,630,552**	**147,786,407**	**161,425,549**	**169,967,941**	**178,528,278**	**189,944,589**	**204,251,633**
Nonfarm personal income	9,221,831	9,836,036	10,377,478	10,649,255	11,135,029	11,977,178	147,969,328	159,991,791	168,228,641	176,836,140	188,349,019	203,048,765
Farm income[1]	555,720	521,217	491,461	548,869	653,704	653,374	−182,921	1,433,758	1,739,300	1,692,138	1,595,570	1,202,868
Population (thousands)[2]	988.5	999.8	1,004.1	1,003.1	999.8	1,002.8	11,493.2	11,524.6	11,537.5	11,554.2	11,585.1	11,614.7
Per capita personal income (dollars)	**9,892**	**10,360**	**10,825**	**11,164**	**11,791**	**12,595**	**12,859**	**14,007**	**14,732**	**15,451**	**16,396**	**17,586**
Derivation of total personal income:												
Total earnings by place of work	7,002,113	7,490,005	7,781,415	7,971,316	8,414,461	9,021,979	105,542,075	117,129,183	123,917,930	131,397,295	140,559,607	151,746,563
Less: Personal contributions for social insurance[3]	431,332	471,389	521,343	515,977	535,599	604,777	6,418,010	7,054,483	7,828,553	8,523,725	9,051,646	10,231,900
Plus: Adjustment for residence	55,313	58,347	64,643	71,906	73,844	71,636	185,683	70,754	93,400	−42,840	−25,755	10,371
Equals: Net earnings by place of residence	6,626,094	7,076,963	7,324,715	7,527,245	7,952,706	8,488,838	99,309,748	110,145,454	116,182,777	122,830,730	131,482,206	141,525,034
Plus: Dividends, interest, and rent[5]	1,633,661	1,736,259	1,848,992	1,874,495	1,942,432	2,120,971	26,566,233	29,147,055	30,259,428	31,260,971	33,056,218	36,101,514
Plus: Transfer payments	1,517,796	1,544,031	1,695,232	1,796,384	1,893,595	2,020,743	21,910,426	22,133,040	23,525,736	24,436,577	25,406,165	26,625,085
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,198,764	5,583,085	5,868,606	5,925,126	6,170,637	6,661,469	87,174,944	95,338,235	100,664,722	106,561,038	113,921,821	123,653,342
Other labor income	502,508	525,316	528,063	530,623	563,786	615,903	9,130,796	9,660,632	9,823,496	10,431,369	11,179,784	12,089,159
Proprietors' income[6]	1,300,841	1,381,604	1,384,746	1,515,567	1,680,038	1,744,607	9,236,335	12,130,316	13,429,712	14,404,888	15,458,002	16,004,062
Farm	405,799	373,776	346,691	406,007	503,843	503,907	−427,356	1,193,764	1,500,908	1,456,927	1,348,891	957,534
Nonfarm	895,042	1,007,828	1,038,055	1,109,560	1,176,195	1,240,700	9,663,691	10,936,552	11,928,804	12,947,961	14,109,111	15,046,528
Earnings by industry:												
Farm	555,720	521,217	491,461	548,869	653,704	653,374	−182,921	1,433,758	1,739,300	1,692,138	1,595,570	1,202,868
Nonfarm	6,446,393	6,968,788	7,289,954	7,422,447	7,760,757	8,368,605	105,724,996	115,695,425	122,178,630	129,705,157	138,964,037	150,543,695
Private	5,243,772	5,692,804	5,928,685	6,021,376	6,285,315	6,788,185	91,420,865	100,523,513	106,254,010	112,822,167	121,189,728	131,597,515
Agricultural services, forestry, fisheries, and other[7]	90,129	88,177	86,099	77,348	107,910	125,288	411,957	416,885	405,679	414,798	579,374	672,967
Agricultural services	68,481	67,524	70,701	69,845	97,181	114,229	390,242	396,525	387,606	399,420	563,702	654,866
Forestry, fisheries, and other[7]	21,648	20,653	15,398	7,503	10,729	11,059	21,715	20,360	18,073	15,378	15,672	18,101
Mining	144,533	157,268	148,024	117,937	97,171	123,983	1,201,490	1,295,907	1,374,007	1,071,689	1,000,269	976,646
Coal mining	73	93	91	112	115	138	635,803	700,707	687,312	651,309	607,596	587,020
Oil and gas extraction	11,895	12,333	16,945	5,888	4,969	5,300	412,191	430,118	508,405	230,560	(D)	199,868
Metal mining	94,356	102,062	95,041	70,788	60,431	81,995	(D)	1,266	327	95	(D)	864
Nonmetallic minerals, except fuels	38,209	42,780	35,947	41,149	31,656	36,550	(D)	163,816	177,963	189,725	190,054	188,894
Construction	576,457	654,507	653,095	634,973	617,868	637,347	5,700,222	6,608,417	7,061,709	7,627,522	8,383,021	9,097,760
Manufacturing	1,157,819	1,299,858	1,359,916	1,368,861	1,466,599	1,635,216	25,514,353	28,069,334	28,419,398	28,775,554	29,637,738	32,505,054
Nondurable goods	502,344	581,797	624,735	627,855	650,853	697,279	9,695,444	10,287,938	10,573,481	10,968,741	11,471,657	12,388,790
Food and kindred products	309,998	327,814	336,907	329,145	346,416	380,597	2,578,218	2,663,355	2,678,197	2,787,756	2,838,752	3,095,855
Textile mill products	473	302	356	223	553	812	48,507	49,188	54,057	63,005	64,050	76,443
Apparel and other textile products	2,235	2,517	3,900	4,516	4,713	5,268	283,860	280,401	281,003	288,132	279,574	318,378
Paper and allied products	57,745	63,487	68,781	73,028	75,618	77,941	791,074	837,510	841,487	895,261	952,439	1,036,412
Printing and publishing	51,933	59,110	69,184	71,634	75,535	78,785	2,592,030	2,774,393	2,917,645	2,960,787	3,155,677	3,437,193
Chemicals and allied products	64,048	112,021	122,851	124,909	123,704	136,618	1,834,261	1,991,708	2,079,966	2,171,151	2,284,095	2,485,321
Petroleum and coal products	129	108	(L)	(L)	87	96	426,584	417,232	419,637	456,735	476,314	533,961
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	13,158	14,830	13,660	11,901	12,096	12,138
Rubber and misc. plastic products	14,260	14,905	20,748	21,787	21,222	13,717	1,033,904	1,168,531	1,203,566	1,252,615	1,326,778	1,301,947
Leather and leather products	1,512	1,519	1,975	2,566	2,987	3,436	93,848	90,790	84,263	81,398	81,882	91,142
Durable goods	655,475	718,061	735,181	741,006	815,746	937,937	15,818,909	17,781,396	17,845,917	17,806,813	18,166,081	20,116,264
Lumber and wood products	387,641	409,914	411,978	427,874	458,275	492,569	202,655	212,126	221,530	220,012	246,852	295,305
Furniture and fixtures	6,935	7,875	8,501	7,095	8,165	8,754	387,483	395,518	402,427	392,862	442,737	462,163
Primary metal industries	(D)	4,674	1,952	2,128	2,246	2,748	1,759,187	2,058,690	1,978,774	1,943,044	1,936,161	2,166,268
Fabricated metal products	35,435	38,951	41,769	43,751	45,183	47,560	2,849,086	3,207,574	3,319,063	3,404,773	3,480,230	3,612,130
Machinery, except electrical	141,642	144,017	155,790	144,167	157,062	179,128	4,160,247	4,686,015	4,838,462	4,634,228	4,819,963	5,339,891
Electric and electronic equipment	(D)	72,269	68,719	67,994	86,796	134,766	3,185,440	3,555,559	3,405,458	3,416,505	3,422,784	3,549,990
Transportation equip. excl. motor vehicles	6,076	6,964	8,810	8,691	14,336	24,330	538,769	664,297	652,718	676,076	656,216	770,670
Motor vehicles and equipment	(D)	3,033	6,365	7,838	9,103	11,282	638,853	764,889	787,512	862,456	853,725	1,095,356
Stone, clay, and glass products	19,255	20,530	20,555	20,087	20,656	20,951	667,102	720,793	723,999	709,296	737,306	855,469
Instruments and related products	1,959	2,324	2,734	2,858	3,888	4,309	887,931	936,395	1,003,156	977,956	952,613	1,292,036
Miscellaneous manufacturing industries	5,767	7,510	8,008	8,523	10,036	11,540	542,156	579,540	512,818	569,605	617,494	676,986
Transportation and public utilities	543,211	573,559	598,435	585,809	579,555	594,009	8,398,628	9,188,169	9,732,622	10,309,340	10,981,447	11,406,387
Railroad transportation	97,117	109,070	112,883	98,034	87,946	80,983	961,418	991,020	932,442	932,468	959,937	902,966
Trucking and warehousing	181,808	203,280	206,492	202,430	209,725	218,745	2,133,105	2,410,473	2,440,126	2,527,037	2,800,384	2,966,812
Water transportation	(D)	1,795	1,739	2,047	2,563	(D)	78,185	86,549	85,325	84,432	87,911	97,293
Other transportation[8]	(D)	35,323	37,693	39,884	44,026	(D)	1,710,583	1,862,744	2,033,235	2,374,955	2,526,186	2,723,040
Communication	124,241	113,601	118,061	116,610	119,953	120,646	1,987,062	2,158,187	2,401,899	2,482,920	2,673,013	2,697,229
Electric, gas, and sanitary services	104,989	110,490	121,567	126,804	115,342	119,572	1,528,275	1,679,196	1,839,595	1,907,528	1,934,016	2,019,047
Wholesale trade	400,271	419,756	420,971	424,606	447,372	472,017	8,519,549	9,396,429	10,002,825	10,468,449	11,226,409	12,168,450
Retail trade	734,852	789,708	810,941	819,765	844,734	913,792	9,914,812	10,589,053	11,132,138	11,784,636	12,733,226	13,527,496
Finance, insurance, and real estate	299,940	323,843	333,924	355,191	379,455	392,774	8,202,508	8,952,142	9,648,443	10,646,051	12,112,472	13,403,106
Banking and credit agencies	147,498	158,402	154,166	158,595	158,897	162,540	2,697,513	2,965,210	3,021,800	3,336,613	3,590,400	3,895,391
Other finance, insurance, and real estate[9]	152,442	165,441	179,758	196,596	220,558	230,234	5,504,995	5,986,932	6,626,643	7,309,438	8,522,072	9,507,715
Services	1,296,560	1,386,128	1,517,280	1,636,886	1,744,651	1,893,759	23,557,346	26,007,177	28,477,189	31,724,128	34,535,772	37,839,649
Hotels and other lodging places	47,706	44,175	46,917	48,887	53,958	56,765	514,807	523,735	532,587	555,169	627,201	698,496
Personal services	70,068	73,583	89,199	93,869	92,378	98,368	1,048,680	1,084,801	1,295,256	1,432,878	1,508,238	1,635,427
Private households	13,654	(D)	(D)	(D)	(D)	15,304	249,084	276,691	276,992	275,325	276,559	279,083
Business services	321,469	329,752	373,302	386,337	400,031	435,479	5,547,877	6,424,281	7,385,407	8,483,752	9,386,221	10,234,128
Auto repair, services, and garages	70,113	81,624	90,777	95,837	94,917	104,712	840,079	964,021	1,056,624	1,169,302	1,225,177	1,358,740
Miscellaneous repair services	38,262	45,542	41,611	48,128	45,928	51,913	421,685	464,114	430,308	500,900	488,739	605,055
Amusement and recreation services	18,666	21,856	24,349	(D)	31,027	34,369	407,899	455,689	485,369	552,798	599,453	631,693
Motion pictures	3,442	6,438	4,670	(D)	3,799	3,612	130,076	192,195	202,635	217,279	200,932	221,335
Health services	367,877	389,167	425,122	457,515	528,278	572,634	7,312,379	7,693,638	8,080,935	8,656,750	9,487,143	10,105,447
Legal services	69,774	84,136	92,160	102,978	109,091	117,804	2,037,814	2,392,075	2,619,907	3,024,214	3,333,758	3,787,866
Educational services	33,746	39,785	42,183	46,333	50,272	53,426	1,096,597	1,186,921	1,303,681	1,367,510	1,491,733	1,651,896
Social services	26,226	29,770	32,932	35,830	39,623	44,833	552,570	581,589	653,105	740,999	830,394	951,311
Museums, botanical, zoological gardens	196	(D)	(D)	122	(D)	322	46,503	49,025	54,377	60,716	69,157	77,994
Membership organizations	75,128	76,449	78,046	79,610	82,531	90,061	1,220,160	1,258,894	1,301,573	1,398,192	1,502,568	1,650,676
Miscellaneous services	140,233	148,523	160,609	193,274	197,392	214,157	2,131,136	2,459,508	2,798,433	3,288,344	3,508,499	3,950,502
Government and government enterprises	1,202,621	1,275,984	1,361,269	1,401,071	1,475,442	1,580,420	14,304,131	15,171,912	15,924,620	16,882,990	17,774,309	18,946,180
Federal, civilian	271,908	288,462	302,473	301,558	319,384	351,610	2,640,168	2,801,504	2,921,434	2,939,827	3,148,617	3,419,594
Military	125,821	130,031	133,294	144,040	150,803	148,724	792,379	864,011	957,866	1,035,292	1,018,433	1,009,642
State and local	804,892	857,491	925,502	955,473	1,005,255	1,080,086	10,871,584	11,506,397	12,045,320	12,907,871	13,607,259	14,516,944

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Indiana						Iowa					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**59,035,669**	**65,014,516**	**68,337,626**	**72,415,257**	**77,079,654**	**82,581,253**	**31,789,757**	**34,763,303**	**36,216,796**	**37,738,515**	**39,545,619**	**41,550,273**
Nonfarm personal income	59,113,386	64,097,989	67,535,493	71,484,524	76,192,320	81,957,342	31,598,986	33,175,674	34,149,594	35,006,604	36,895,003	39,619,613
Farm income[1]	−77,717	916,527	802,133	930,733	887,334	623,911	190,771	1,587,629	2,067,202	2,731,911	2,650,616	1,930,660
Population (thousands)[2]	5,476.0	5,492.7	5,500.4	5,503.0	5,529.7	5,556.5	2,904.9	2,904.4	2,881.4	2,840.2	2,823.0	2,833.9
Per capita personal income (dollars)	**10,781**	**11,837**	**12,424**	**13,159**	**13,939**	**14,862**	**10,943**	**11,969**	**12,569**	**13,287**	**14,008**	**14,662**
Derivation of total personal income:												
Total earnings by place of work	42,365,653	47,288,624	49,794,825	52,718,580	56,606,237	60,659,505	20,712,712	23,394,270	24,369,885	25,783,410	27,404,799	28,614,354
Less: Personal contributions for social insurance[3]	2,368,523	2,619,311	2,921,236	3,111,451	3,325,684	3,758,296	1,257,297	1,355,193	1,468,611	1,565,358	1,671,806	1,892,495
Plus: Adjustment for residence	419,990	666,486	753,897	976,726	995,396	1,038,935	210,685	234,975	297,335	282,111	265,182	326,773
Equals: Net earnings by place of residence	40,417,120	45,335,799	47,627,486	50,583,855	54,275,949	57,940,144	19,666,100	22,274,052	23,198,609	24,500,163	25,998,175	27,048,632
Plus: Dividends, interest, and rent[5]	9,779,565	10,542,518	11,093,661	11,483,079	12,080,843	13,190,791	7,037,252	7,353,349	7,506,325	7,544,263	7,644,637	8,283,475
Plus: Transfer payments	8,838,984	9,136,199	9,616,479	10,348,323	10,722,862	11,450,318	5,086,405	5,135,902	5,511,862	5,694,089	5,902,807	6,218,166
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	35,122,993	38,370,717	40,667,211	42,853,298	46,038,469	49,690,880	16,334,671	17,301,018	17,753,160	18,281,683	19,627,451	21,189,279
Other labor income	4,080,949	4,273,310	4,279,549	4,496,763	4,795,014	5,110,994	1,736,358	1,751,492	1,704,512	1,784,217	1,925,999	2,072,450
Proprietors' income[6]	3,161,711	4,644,597	4,848,065	5,368,519	5,772,754	5,857,631	2,641,683	4,341,760	4,912,213	5,717,510	5,851,349	5,352,625
Farm	−253,386	742,887	634,686	769,052	722,737	464,171	−91,552	1,311,338	1,803,103	2,477,763	2,394,065	1,682,623
Nonfarm	3,415,097	3,901,710	4,213,379	4,599,467	5,050,017	5,393,460	2,733,235	3,030,422	3,109,110	3,239,747	3,457,284	3,670,002
Earnings by industry:												
Farm	−77,717	916,527	802,133	930,733	887,334	623,911	190,771	1,587,629	2,067,202	2,731,911	2,650,616	1,930,660
Nonfarm	42,443,370	46,372,097	48,992,692	51,787,847	55,718,903	60,035,594	20,521,941	21,806,641	22,302,683	23,051,499	24,754,183	26,683,694
Private	36,903,174	40,492,315	42,677,834	45,063,714	48,535,536	52,312,430	17,183,966	18,321,516	18,621,947	19,220,716	20,676,693	22,302,648
Agricultural services, forestry, fisheries, and other[7]	152,820	151,390	152,915	148,713	227,730	256,403	243,388	223,985	186,035	157,661	276,068	310,387
Agricultural services	146,754	147,436	148,890	145,182	224,691	253,175	236,039	216,114	180,599	154,251	272,748	306,969
Forestry, fisheries, and other[7]	6,066	3,954	4,025	3,531	3,039	3,228	7,349	7,871	5,436	3,410	3,320	3,418
Mining	406,975	454,467	480,528	383,266	368,303	358,300	79,974	88,057	104,061	66,607	74,667	74,227
Coal mining	263,659	303,362	295,218	258,612	(D)	228,737	3,942	5,399	5,385	5,596	(D)	(D)
Oil and gas extraction	84,937	(D)	115,717	45,567	43,034	41,008	37,892	39,460	54,481	17,160	(D)	(D)
Metal mining	(D)	(D)	124	180	(D)	216	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	64,266	69,469	78,907	83,617	88,339	38,141	43,216	44,222	43,863	52,300	54,443
Construction	2,395,845	2,562,728	2,817,606	3,098,913	3,383,341	3,730,113	1,102,083	1,204,934	1,180,582	1,196,714	1,255,757	1,371,784
Manufacturing	15,510,255	17,294,267	17,728,382	18,063,812	18,964,872	20,282,963	5,146,048	5,473,756	5,405,465	5,457,394	5,988,776	6,403,988
Nondurable goods	3,733,629	4,067,475	4,258,222	4,414,744	4,782,798	5,039,768	2,039,457	2,070,233	2,055,131	2,122,309	2,299,126	2,422,654
Food and kindred products	828,551	828,960	862,760	856,745	893,363	905,828	1,082,277	1,021,842	1,009,003	1,026,028	1,134,270	1,150,746
Textile mill products	12,591	13,024	13,091	14,899	17,621	18,329	15,743	12,908	12,835	14,866	14,442	16,311
Apparel and other textile products	113,209	131,322	132,122	130,240	141,104	157,999	51,896	56,267	64,165	65,137	65,390	73,354
Paper and allied products	272,403	299,285	310,019	325,541	346,722	377,905	90,172	98,271	108,319	125,898	137,244	148,570
Printing and publishing	611,968	666,333	723,425	773,487	832,270	883,025	336,775	359,630	372,403	397,660	423,015	457,544
Chemicals and allied products	963,655	1,060,145	1,113,663	1,152,338	1,291,646	1,347,681	189,441	196,791	197,880	194,817	192,560	206,063
Petroleum and coal products	175,258	182,762	187,257	180,394	180,166	187,867	6,019	5,687	5,407	5,334	5,358	3,510
Tobacco manufactures	1,097	1,136	978	949	901	918	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	726,208	853,790	885,753	951,347	1,045,838	1,122,732	258,700	309,532	275,305	282,099	316,539	354,271
Leather and leather products	28,689	30,718	29,154	28,804	33,167	37,484	8,420	9,287	9,805	10,454	10,286	12,274
Durable goods	11,776,626	13,226,792	13,470,160	13,649,068	14,182,074	15,243,195	3,106,591	3,403,523	3,350,334	3,335,085	3,689,650	3,981,334
Lumber and wood products	350,934	384,781	414,937	471,436	531,614	570,198	86,246	94,162	105,662	123,987	143,262	155,179
Furniture and fixtures	333,903	383,322	398,921	424,228	444,052	476,606	92,282	94,209	104,602	109,604	124,914	135,610
Primary metal industries	2,805,313	2,867,735	2,785,244	2,613,749	2,653,213	2,872,788	247,187	284,536	258,766	265,306	259,562	281,334
Fabricated metal products	1,161,848	1,331,378	1,398,933	1,413,183	1,478,552	1,583,648	367,781	394,685	397,199	402,707	431,168	480,570
Machinery, except electrical	1,597,309	1,898,333	1,892,742	1,845,399	1,936,365	2,186,558	1,321,331	1,456,545	1,392,566	1,264,842	1,440,399	1,552,953
Electric and electronic equipment	2,262,368	2,555,394	2,629,844	2,634,809	2,583,318	2,774,338	487,066	508,675	535,042	601,221	665,418	702,687
Transportation equip. excl. motor vehicles	867,630	1,011,926	1,009,489	1,023,607	1,068,986	1,065,068	21,174	22,196	19,721	21,447	26,947	48,354
Motor vehicles and equipment	1,502,021	1,798,783	1,915,196	2,112,259	2,283,620	2,385,381	171,017	225,681	214,003	226,730	250,547	279,885
Stone, clay, and glass products	451,753	484,523	493,376	525,137	558,765	590,671	120,031	120,030	109,774	119,907	145,652	153,908
Instruments and related products	257,343	297,593	309,114	368,015	410,636	474,306	61,516	62,232	69,763	71,037	84,025	65,357
Miscellaneous manufacturing industries	186,204	213,024	222,364	217,246	232,953	263,633	130,960	140,572	143,236	128,297	117,756	125,497
Transportation and public utilities	3,143,286	3,354,592	3,501,933	3,772,129	4,119,347	4,358,471	1,552,084	1,646,252	1,646,735	1,729,606	1,792,435	1,866,771
Railroad transportation	358,398	386,619	385,446	364,479	347,763	334,919	223,019	234,803	221,795	214,535	210,757	201,225
Trucking and warehousing	1,035,209	1,210,024	1,274,691	1,402,118	1,550,938	1,687,695	606,435	688,530	657,890	680,567	732,266	774,686
Water transportation	27,075	28,209	29,947	30,896	47,629	52,689	4,365	4,787	4,300	5,843	7,071	7,777
Other transportation[8]	213,622	251,986	267,684	324,664	364,258	398,489	69,934	75,883	84,728	106,248	109,199	115,935
Communication	728,951	695,927	726,244	761,332	815,237	863,950	336,439	314,011	324,680	344,107	378,938	399,884
Electric, gas, and sanitary services	780,031	781,827	817,921	888,640	993,522	1,020,729	311,892	328,238	353,342	378,306	354,204	367,264
Wholesale trade	2,261,062	2,506,399	2,673,853	2,850,087	3,059,547	3,319,611	1,558,322	1,681,490	1,712,346	1,697,772	1,788,918	1,990,978
Retail trade	4,254,736	4,496,078	4,706,841	4,998,055	5,371,156	5,728,117	2,241,779	2,313,105	2,322,454	2,373,646	2,462,088	2,660,761
Finance, insurance, and real estate	1,927,192	2,041,208	2,173,317	2,419,055	2,697,015	2,905,303	1,254,324	1,332,842	1,373,863	1,468,625	1,584,979	1,690,672
Banking and credit agencies	741,427	798,149	855,477	944,267	1,013,130	1,057,973	480,625	517,050	524,414	546,643	562,820	578,111
Other finance, insurance, and real estate[9]	1,185,765	1,243,059	1,317,840	1,474,788	1,683,885	1,847,330	773,699	815,792	849,449	921,982	1,022,159	1,112,561
Services	6,851,003	7,631,186	8,442,459	9,329,684	10,344,225	11,373,149	4,005,964	4,357,095	4,690,406	5,072,691	5,453,005	5,933,080
Hotels and other lodging places	158,427	172,287	187,639	198,182	221,172	232,111	86,156	83,431	90,154	86,801	97,900	107,456
Personal services	417,804	447,117	561,545	604,827	647,523	707,442	230,035	246,601	301,717	318,443	329,678	364,926
Private households	95,064	105,403	105,494	104,937	105,668	106,861	63,704	70,448	69,872	68,657	68,368	69,068
Business services	813,568	970,334	1,178,175	1,376,061	1,571,861	1,781,691	687,181	803,221	923,649	1,023,263	1,096,110	1,207,083
Auto repair, services, and garages	356,981	416,469	470,770	512,166	545,635	603,970	195,944	229,299	245,524	254,928	259,153	288,975
Miscellaneous repair services	160,348	192,293	190,136	219,415	214,543	244,626	87,781	100,827	92,502	106,878	107,853	123,684
Amusement and recreation services	114,962	140,783	162,139	187,640	207,332	229,968	55,384	60,720	67,845	79,483	83,737	84,680
Motion pictures	22,993	26,820	29,669	30,048	28,267	30,078	11,059	11,652	12,180	13,147	13,216	15,031
Health services	2,959,285	3,171,428	3,407,377	3,669,008	4,167,281	4,516,700	1,543,057	1,581,649	1,657,264	1,753,590	1,968,269	2,104,658
Legal services	401,476	485,809	528,224	595,424	630,249	701,796	281,212	351,557	373,138	419,742	424,664	470,660
Educational services	317,797	347,233	374,201	415,133	449,308	486,857	189,880	205,593	223,497	254,590	275,479	297,603
Social services	204,083	224,713	245,477	269,347	307,243	342,602	118,453	129,566	145,268	155,715	166,064	190,665
Museums, botanical, zoological gardens	7,295	7,818	8,476	9,148	9,941	11,733	1,760	1,870	2,196	2,479	2,464	2,993
Membership organizations	396,202	411,548	417,402	433,333	460,563	495,320	186,277	196,009	194,545	198,902	209,704	223,045
Miscellaneous services	424,718	511,131	575,735	705,015	777,639	881,394	268,081	284,652	291,055	336,073	350,346	382,553
Government and government enterprises	5,540,196	5,879,782	6,314,858	6,724,133	7,183,367	7,723,164	3,337,975	3,485,125	3,680,736	3,830,783	4,077,490	4,381,046
Federal, civilian	1,041,480	1,100,779	1,176,079	1,196,135	1,261,860	1,362,580	468,503	490,842	518,604	528,604	564,743	603,378
Military	249,054	256,258	285,940	317,537	333,006	333,607	53,644	59,201	63,247	71,549	78,634	81,113
State and local	4,249,662	4,522,745	4,852,839	5,210,461	5,588,501	6,026,977	2,815,828	2,935,082	3,098,885	3,230,630	3,434,113	3,696,555

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Kansas						Kentucky					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**29,470,626**	**31,788,624**	**33,818,510**	**35,595,744**	**37,334,691**	**39,279,818**	**35,339,609**	**38,732,439**	**40,101,991**	**41,955,708**	**44,712,786**	**47,804,997**
Nonfarm personal income	28,839,288	30,871,325	32,532,581	33,968,033	35,793,483	37,892,200	34,894,321	37,530,726	39,191,046	41,196,256	43,802,287	46,830,679
Farm income[1]	631,338	917,299	1,285,929	1,627,711	1,541,208	1,387,618	445,288	1,201,713	910,945	759,452	910,499	974,318
Population (thousands)[2]	2,429.0	2,442.2	2,449.9	2,459.9	2,475.3	2,495.6	3,713.5	3,720.2	3,728.5	3,721.9	3,722.6	3,726.2
Per capita personal income (dollars)	**12,133**	**13,017**	**13,804**	**14,470**	**15,083**	**15,740**	**9,517**	**10,411**	**10,755**	**11,273**	**12,011**	**12,830**
Derivation of total personal income:												
Total earnings by place of work	20,169,959	22,181,931	23,496,979	24,985,296	26,102,243	27,376,158	24,603,547	27,469,108	28,285,268	29,513,577	31,805,224	34,036,001
Less: Personal contributions for social insurance[3]	1,179,316	1,300,900	1,433,539	1,553,211	1,633,286	1,812,833	1,284,243	1,420,993	1,573,257	1,698,684	1,822,679	2,046,011
Plus: Adjustment for residence	689,828	706,670	821,136	828,204	976,731	992,298	203,749	207,249	219,574	279,530	266,868	244,278
Equals: Net earnings by place of residence	19,680,471	21,587,701	22,884,576	24,260,289	25,445,688	26,555,623	23,523,053	26,255,364	26,931,585	28,094,423	30,249,413	32,234,268
Plus: Dividends, interest, and rent[5]	5,532,991	5,884,874	6,328,586	6,447,433	6,751,160	7,274,127	5,319,201	5,770,424	6,126,901	6,353,123	6,634,770	7,221,653
Plus: Transfer payments	4,257,164	4,316,049	4,605,348	4,888,022	5,137,843	5,450,068	6,497,355	6,706,651	7,043,505	7,508,162	7,828,603	8,349,076
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	15,848,163	17,238,596	18,058,175	18,932,462	19,861,443	21,035,331	19,534,957	21,183,425	22,249,753	23,210,651	24,988,029	26,736,459
Other labor income	1,666,657	1,728,004	1,729,626	1,838,043	1,930,269	2,046,278	2,183,390	2,304,131	2,301,369	2,399,978	2,578,395	2,752,440
Proprietors' income[6]	2,655,139	3,215,331	3,709,178	4,214,791	4,310,531	4,294,549	2,885,200	3,981,552	3,734,146	3,902,948	4,238,800	4,547,102
Farm	463,703	751,959	1,125,583	1,472,062	1,380,357	1,229,249	285,746	1,045,219	755,529	603,852	745,743	808,048
Nonfarm	2,191,436	2,463,372	2,583,595	2,742,729	2,930,174	3,065,300	2,599,454	2,936,333	2,978,617	3,299,096	3,493,057	3,739,054
Earnings by industry:												
Farm	631,338	917,299	1,285,929	1,627,711	1,541,208	1,387,618	445,288	1,201,713	910,945	759,452	910,499	974,318
Nonfarm	19,538,621	21,264,632	22,211,050	23,357,585	24,561,035	25,988,540	24,158,259	26,267,395	27,374,323	28,754,125	30,894,725	33,061,683
Private	16,076,108	17,585,185	18,231,977	19,124,699	20,133,705	21,267,112	19,845,547	21,739,176	22,579,675	23,746,278	25,549,681	27,374,169
Agricultural services, forestry, fisheries, and other[7]	111,070	108,960	101,942	96,212	143,196	158,841	134,291	139,998	146,419	154,559	201,064	223,823
Agricultural services	109,087	107,638	100,097	94,503	141,285	156,867	129,051	137,516	143,932	152,042	198,602	221,163
Forestry, fisheries, and other[7]	1,983	1,322	1,845	1,709	1,911	1,974	5,240	2,482	2,487	2,517	2,462	2,660
Mining	503,860	528,138	520,925	359,441	334,314	317,875	1,604,078	1,798,984	1,749,773	1,626,024	1,541,594	1,460,622
Coal mining	13,941	15,910	16,033	13,135	14,006	(D)	1,438,180	1,623,492	1,558,142	1,486,288	1,406,178	1,321,799
Oil and gas extraction	464,968	485,933	478,259	317,261	291,583	279,256	119,010	124,745	140,200	82,300	77,951	75,443
Metal mining	(L)	(L)	(L)	(L)	166	(D)	(L)	−71	(L)	(L)	338	252
Nonmetallic minerals, except fuels	24,958	26,338	26,660	29,050	28,559	27,681	46,878	50,818	51,417	57,390	57,127	63,128
Construction	1,269,129	1,413,643	1,406,962	1,524,231	1,627,179	1,582,231	1,387,126	1,508,934	1,550,151	1,706,427	1,934,613	2,040,156
Manufacturing	4,003,250	4,464,030	4,576,850	4,853,858	4,987,430	5,246,024	5,771,408	6,423,496	6,566,453	6,726,306	7,187,952	7,719,524
Nondurable goods	1,518,555	1,602,652	1,686,355	1,788,284	1,875,686	1,950,627	2,477,113	2,604,773	2,689,115	2,807,632	2,996,370	3,207,882
Food and kindred products	551,675	582,263	621,460	655,023	684,159	679,263	474,006	465,933	466,660	477,447	498,816	519,121
Textile mill products	983	1,142	2,264	3,220	5,563	5,932	89,158	93,611	90,658	100,361	115,728	117,632
Apparel and other textile products	43,340	46,142	44,595	46,634	48,177	55,026	296,664	313,457	322,745	334,539	365,880	409,994
Paper and allied products	89,200	91,984	96,242	98,514	103,538	112,495	168,134	188,462	198,075	210,115	235,947	252,739
Printing and publishing	319,985	344,644	359,460	383,634	400,670	446,220	301,737	326,909	367,376	403,641	419,770	457,722
Chemicals and allied products	216,245	228,408	241,955	265,658	280,944	278,768	415,881	440,975	454,462	472,108	482,694	517,621
Petroleum and coal products	146,711	121,221	118,201	124,873	127,595	129,533	163,848	161,624	168,090	173,052	197,622	232,699
Tobacco manufactures	(L)	(L)	(L)	139	(L)	(L)	283,126	288,087	279,635	256,359	249,291	245,935
Rubber and misc. plastic products	147,523	183,861	199,009	207,643	222,187	240,461	251,678	297,679	313,267	353,561	400,533	423,287
Leather and leather products	2,876	2,965	3,158	2,946	2,827	2,915	32,881	28,036	28,147	26,449	30,089	31,132
Durable goods	2,484,695	2,861,378	2,890,495	3,065,574	3,111,744	3,295,397	3,294,295	3,818,723	3,877,338	3,918,674	4,191,582	4,511,642
Lumber and wood products	60,126	66,334	63,762	63,721	72,288	75,090	143,645	163,653	173,765	196,892	226,160	248,266
Furniture and fixtures	25,040	26,573	25,796	25,151	25,678	28,164	80,909	93,090	97,626	97,051	95,157	95,912
Primary metal industries	57,801	80,494	73,723	77,254	79,886	88,092	531,913	601,247	575,261	557,477	616,735	653,222
Fabricated metal products	230,053	244,910	256,070	258,698	268,336	289,590	315,547	344,517	357,580	368,380	409,442	438,914
Machinery, except electrical	392,106	446,643	454,706	482,622	496,275	538,324	797,950	931,356	959,471	942,752	962,897	975,039
Electric and electronic equipment	177,260	201,191	205,120	205,563	205,564	210,625	713,251	811,468	783,594	810,793	857,821	919,514
Transportation equip. excl. motor vehicles	984,631	1,180,672	1,179,706	1,357,185	1,413,648	1,447,568	23,850	37,190	44,813	58,070	69,369	77,134
Motor vehicles and equipment	278,813	315,078	331,345	296,684	249,741	303,570	392,020	519,325	551,218	526,995	569,337	658,971
Stone, clay, and glass products	179,677	188,967	189,969	194,535	189,465	188,848	165,898	175,166	189,470	205,863	218,885	256,062
Instruments and related products	67,927	75,795	74,414	68,976	74,287	89,522	64,650	73,342	72,264	71,888	75,694	87,631
Miscellaneous manufacturing industries	31,261	34,721	35,884	35,185	36,576	36,004	64,662	68,369	72,276	82,513	90,085	100,977
Transportation and public utilities	1,908,692	2,060,783	2,042,300	2,107,487	2,165,079	2,247,420	1,868,752	2,042,294	2,093,799	2,235,710	2,340,554	2,539,685
Railroad transportation	457,288	488,614	463,909	444,612	443,760	424,213	349,444	371,505	360,929	329,631	309,243	323,792
Trucking and warehousing	540,244	620,894	609,427	621,618	648,498	683,141	556,346	678,204	665,726	711,649	744,300	838,290
Water transportation	372	378	422	561	631	703	43,500	52,172	56,894	59,693	62,153	68,136
Other transportation[8]	184,323	190,663	185,761	208,433	203,028	242,470	123,423	137,445	152,540	184,038	289,311	337,006
Communication	391,712	382,978	380,365	420,034	461,794	466,107	399,964	383,562	372,690	401,761	437,374	451,706
Electric, gas, and sanitary services	334,753	377,256	402,416	412,229	407,368	430,786	396,075	419,406	485,020	548,938	498,173	520,755
Wholesale trade	1,489,016	1,604,432	1,691,575	1,733,609	1,810,668	1,923,763	1,278,123	1,393,161	1,485,420	1,491,321	1,619,730	1,734,684
Retail trade	2,026,373	2,143,132	2,239,465	2,316,008	2,394,731	2,595,636	2,627,032	2,779,923	2,899,191	3,040,189	3,231,360	3,476,904
Finance, insurance, and real estate	1,062,227	1,146,823	1,220,471	1,332,762	1,477,120	1,575,799	1,040,617	1,112,117	1,194,285	1,311,794	1,417,502	1,477,825
Banking and credit agencies	426,063	454,703	483,862	519,155	547,530	557,409	480,134	514,963	550,006	592,082	624,987	632,034
Other finance, insurance, and real estate[9]	636,164	692,120	736,609	813,607	929,590	1,018,390	560,483	597,154	644,279	719,712	792,515	845,791
Services	3,702,491	4,115,244	4,431,487	4,801,091	5,193,988	5,619,523	4,134,120	4,540,269	4,894,184	5,453,948	6,075,312	6,700,946
Hotels and other lodging places	71,759	72,108	78,635	76,306	84,469	90,528	129,033	127,517	132,929	135,426	150,342	159,319
Personal services	236,947	251,719	306,282	329,892	343,919	371,276	260,177	272,916	321,862	357,654	387,592	425,952
Private households	56,993	63,364	63,552	63,443	63,994	64,905	92,011	101,936	102,021	101,356	101,545	102,282
Business services	685,315	835,661	930,836	1,032,174	1,126,296	1,222,480	444,196	528,882	598,089	706,049	806,506	914,292
Auto repair, services, and garages	185,851	219,697	256,279	268,868	277,159	291,467	213,079	250,670	269,776	300,612	323,037	352,129
Miscellaneous repair services	144,141	155,913	137,859	154,685	166,061	181,866	91,250	103,520	90,605	113,712	130,226	142,815
Amusement and recreation services	57,079	63,204	64,675	72,613	75,561	78,931	85,023	93,853	101,432	115,378	128,682	135,802
Motion pictures	7,039	9,859	10,524	11,057	10,328	11,239	8,451	10,771	11,402	11,425	11,297	11,922
Health services	1,391,556	1,433,318	1,513,519	1,598,844	1,776,002	1,945,107	1,806,904	1,910,763	2,053,057	2,223,165	2,518,286	2,775,888
Legal services	211,528	254,232	272,286	307,070	325,615	356,385	271,995	328,213	344,770	389,604	423,187	469,884
Educational services	79,590	88,355	101,964	111,090	122,493	132,356	132,216	148,154	157,254	172,324	185,966	201,246
Social services	87,060	95,366	105,482	113,171	123,834	137,542	113,508	117,811	123,513	131,492	147,218	160,298
Museums, botanical, zoological gardens	1,008	1,028	1,562	1,696	1,751	2,064	2,928	3,248	3,870	4,227	4,799	5,656
Membership organizations	152,639	159,844	162,702	168,509	174,557	185,632	187,543	198,598	203,972	212,121	224,103	239,354
Miscellaneous services	333,986	411,576	425,330	491,673	521,949	547,745	295,806	343,417	379,632	479,403	532,526	604,107
Government and government enterprises	3,462,513	3,679,447	3,979,073	4,232,886	4,427,330	4,721,428	4,312,712	4,528,219	4,794,648	5,007,847	5,345,044	5,687,514
Federal, civilian	595,520	645,573	687,029	704,797	745,304	823,648	901,670	927,621	988,718	985,037	1,046,940	1,130,526
Military	521,398	531,012	591,803	626,029	673,659	695,834	732,420	741,698	788,576	792,583	824,351	841,621
State and local	2,345,595	2,502,862	2,700,241	2,902,060	3,008,367	3,201,946	2,678,622	2,858,900	3,017,354	3,230,227	3,473,753	3,715,367

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Louisiana						Maine					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**46,455,990**	**48,798,105**	**50,678,777**	**50,659,014**	**51,195,761**	**54,196,253**	**11,780,856**	**12,915,190**	**13,855,886**	**15,035,637**	**16,593,521**	**18,195,792**
Nonfarm personal income	46,124,304	48,370,736	50,376,034	50,296,648	50,745,232	53,419,327	11,710,500	12,807,795	13,759,200	14,952,457	16,450,025	18,075,960
Farm income[1]	331,686	427,369	302,743	362,366	450,529	776,926	70,356	107,395	96,686	83,180	143,496	119,832
Population (thousands)[2]	4,441.9	4,462.5	4,486.0	4,497.5	4,447.9	4,407.8	1,147.6	1,157.9	1,165.6	1,171.8	1,186.1	1,205.6
Per capita personal income (dollars)	**10,458**	**10,935**	**11,297**	**11,264**	**11,510**	**12,296**	**10,265**	**11,154**	**11,888**	**12,832**	**13,990**	**15,092**
Derivation of total personal income:												
Total earnings by place of work	34,744,053	36,557,046	37,174,816	36,221,860	36,373,671	38,587,520	8,106,635	8,944,522	9,639,526	10,525,476	11,751,442	12,940,546
Less: Personal contributions for social insurance[3]	1,862,658	1,988,838	2,133,804	2,228,801	2,215,454	2,452,580	444,893	492,964	556,639	591,175	652,646	750,641
Plus: Adjustment for residence	−342,669	−379,163	−353,602	−289,250	−258,083	−276,116	2,217	−5,515	9,090	48,157	54,274	69,154
Equals: Net earnings by place of residence	32,538,726	34,189,045	34,687,410	33,703,809	33,900,134	35,858,824	7,663,959	8,446,043	9,091,977	9,982,458	11,153,070	12,259,059
Plus: Dividends, interest, and rent[5]	6,692,500	7,204,480	7,784,808	7,865,571	7,966,303	8,547,052	1,818,866	2,087,778	2,234,301	2,419,681	2,701,132	3,007,150
Plus: Transfer payments	7,224,764	7,404,580	8,206,559	9,089,634	9,329,324	9,790,377	2,298,031	2,381,369	2,529,608	2,633,498	2,739,319	2,929,583
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	28,295,980	29,709,642	30,206,725	29,019,405	29,002,839	30,567,738	6,492,603	7,113,339	7,619,778	8,302,897	9,211,895	10,182,970
Other labor income	3,112,820	3,092,868	3,032,537	2,959,114	2,986,971	3,174,384	738,636	790,769	806,584	872,331	970,958	1,078,031
Proprietors' income[6]	3,335,253	3,754,536	3,935,554	4,243,341	4,383,861	4,845,398	875,396	1,040,414	1,213,164	1,350,248	1,568,589	1,679,545
Farm	213,549	313,564	190,091	250,757	332,967	658,718	19,719	57,648	47,562	35,400	93,497	69,704
Nonfarm	3,121,704	3,440,972	3,745,463	3,992,584	4,050,894	4,186,680	855,677	982,766	1,165,602	1,314,848	1,475,092	1,609,841
Earnings by industry:												
Farm	331,686	427,369	302,743	362,366	450,529	776,926	70,356	107,395	96,686	83,180	143,496	119,832
Nonfarm	34,412,367	36,129,677	36,872,073	35,859,494	35,923,142	37,810,594	8,036,279	8,837,127	9,542,840	10,442,296	11,607,946	12,820,714
Private	28,713,232	30,172,352	30,632,614	29,551,775	29,504,362	31,220,158	6,498,501	7,191,614	7,766,956	8,590,764	9,611,510	10,636,714
Agricultural services, forestry, fisheries, and other[7]	183,012	163,135	188,779	198,059	201,281	217,725	110,925	79,298	146,660	179,032	200,039	228,004
Agricultural services	113,580	117,224	113,467	104,839	131,182	143,564	31,307	32,124	35,240	39,414	56,934	66,606
Forestry, fisheries, and other[7]	69,432	45,911	75,312	93,220	70,099	74,161	79,618	47,174	111,420	139,618	143,105	161,398
Mining	2,712,816	2,791,829	2,897,913	2,266,740	2,025,542	2,186,420	22,096	24,790	33,125	12,455	11,115	14,587
Coal mining	(D)	(D)	8,141	11,093	8,134	8,461	109	124	114	112	93	95
Oil and gas extraction	2,624,043	2,694,300	2,796,652	2,154,367	1,920,103	2,082,493	(D)	20,807	30,224	(D)	7,372	7,434
Metal mining	(D)	(D)	4,479	5,578	6,089	6,749	960	974	533	702	912	1,271
Nonmetallic minerals, except fuels	82,587	87,232	88,641	95,702	91,216	88,717	(D)	2,885	2,254	(D)	2,738	5,787
Construction	3,320,344	3,375,406	3,086,333	2,685,605	2,521,559	2,689,642	479,620	605,967	704,347	871,351	1,078,210	1,171,832
Manufacturing	4,997,822	5,180,461	5,221,818	5,071,860	5,110,257	5,465,288	2,219,354	2,383,636	2,389,599	2,516,595	2,651,554	2,878,981
Nondurable goods	3,023,010	3,072,109	3,100,248	3,148,495	3,203,692	3,352,139	1,327,416	1,365,744	1,341,486	1,367,877	1,402,225	1,480,063
Food and kindred products	466,346	455,028	440,213	455,705	449,358	458,720	136,660	132,726	137,589	141,392	147,214	153,656
Textile mill products	23,239	26,684	27,185	(D)	44,717	52,382	106,534	120,327	117,828	124,350	129,848	123,615
Apparel and other textile products	90,108	102,691	95,522	91,319	105,767	114,478	61,119	62,093	56,563	58,069	47,775	48,333
Paper and allied products	379,430	397,457	416,176	450,019	458,015	489,956	555,592	600,418	611,547	649,049	657,933	698,016
Printing and publishing	206,478	208,999	232,054	230,323	238,871	235,866	73,610	82,126	92,281	102,324	115,660	128,838
Chemicals and allied products	1,162,469	1,187,232	1,191,466	1,172,430	1,180,693	1,283,916	21,851	23,123	22,683	23,126	24,530	26,486
Petroleum and coal products	644,810	649,993	652,175	663,630	668,691	662,098	6,852	7,724	(D)	7,695	7,527	7,766
Tobacco manufactures	76	103	(L)	73	95	(L)	(L)	(L)	(D)	(D)	(L)	(L)
Rubber and misc. plastic products	48,366	41,774	43,622	47,921	55,877	53,409	71,207	73,856	77,588	75,919	79,496	86,968
Leather and leather products	1,688	2,148	1,787	(D)	1,608	1,266	293,984	263,342	218,736	185,945	192,232	206,380
Durable goods	1,974,812	2,108,352	2,121,570	1,923,365	1,906,565	2,113,149	891,938	1,017,892	1,048,113	1,148,718	1,249,329	1,398,918
Lumber and wood products	241,280	261,828	261,955	271,992	280,610	289,433	262,900	300,603	307,981	326,200	363,568	369,929
Furniture and fixtures	11,432	11,867	12,422	10,299	10,528	13,008	(D)	(D)	(D)	21,631	26,049	28,482
Primary metal industries	117,134	111,612	102,402	81,815	86,945	96,788	9,174	14,231	17,792	18,787	16,772	17,753
Fabricated metal products	336,708	324,814	336,824	318,430	278,775	315,076	67,052	75,955	74,743	69,098	73,383	77,773
Machinery, except electrical	260,613	264,750	277,331	230,427	223,744	273,606	83,483	98,248	116,582	119,944	123,771	165,337
Electric and electronic equipment	203,938	277,161	289,920	240,645	228,640	228,593	148,216	193,399	202,615	223,321	238,880	246,505
Transportation equip. excl. motor vehicles	482,658	475,680	487,152	453,760	492,428	577,554	263,194	270,649	253,451	303,145	328,078	401,600
Motor vehicles and equipment	97,503	132,127	136,840	122,629	117,677	134,203	(D)	(D)	(D)	2,286	4,220	7,215
Stone, clay, and glass products	172,488	186,610	159,704	140,493	128,843	129,087	19,410	21,304	29,193	34,679	42,137	43,354
Instruments and related products	19,768	19,984	19,294	17,390	20,367	19,343	9,405	9,720	8,710	13,779	16,404	21,351
Miscellaneous manufacturing industries	31,290	41,919	37,726	35,485	38,008	36,458	11,157	14,000	15,092	15,848	16,067	19,619
Transportation and public utilities	3,259,879	3,354,646	3,394,284	3,271,153	3,190,311	3,325,947	504,730	556,172	570,122	574,872	631,348	680,382
Railroad transportation	245,632	246,858	223,528	199,937	179,665	171,298	(D)	60,700	58,115	24,759	20,708	(D)
Trucking and warehousing	553,104	620,080	616,977	624,406	654,331	688,949	158,132	192,811	196,194	217,890	245,600	264,342
Water transportation	774,318	747,225	746,080	627,766	562,307	630,615	(D)	(D)	15,033	15,559	(D)	17,812
Other transportation[8]	409,819	411,373	409,055	411,190	402,301	416,343	(D)	(D)	46,547	53,759	(D)	(D)
Communication	636,435	616,910	616,398	576,233	594,405	582,703	141,999	140,181	142,838	147,932	157,914	163,149
Electric, gas, and sanitary services	640,571	712,200	782,246	831,621	797,302	836,039	93,419	105,352	111,395	114,973	128,730	148,995
Wholesale trade	2,141,466	2,232,921	2,246,095	2,111,431	2,076,510	2,227,260	388,710	435,432	494,681	547,726	619,178	699,058
Retail trade	3,542,350	3,738,918	3,766,560	3,689,287	3,639,920	3,743,856	911,382	995,871	1,081,850	1,219,556	1,361,246	1,524,346
Finance, insurance, and real estate	1,693,887	1,798,526	1,887,520	1,979,027	2,023,093	2,054,422	343,876	377,545	414,984	495,359	585,320	641,711
Banking and credit agencies	753,068	815,643	863,847	878,528	843,924	829,108	134,370	148,902	156,526	182,536	202,163	221,564
Other finance, insurance, and real estate[9]	940,819	982,883	1,023,673	1,100,499	1,179,169	1,225,314	209,506	228,643	258,458	312,823	383,157	420,147
Services	6,861,656	7,536,510	7,943,312	8,278,613	8,715,889	9,309,598	1,517,808	1,732,903	1,931,588	2,173,818	2,473,500	2,797,813
Hotels and other lodging places	252,336	281,670	274,358	261,738	269,326	268,299	65,295	73,279	81,472	86,802	102,176	113,685
Personal services	317,459	330,472	395,806	406,638	406,228	426,514	73,093	82,048	108,926	121,312	134,056	148,003
Private households	209,334	232,754	233,913	233,001	230,823	230,157	40,221	44,920	45,182	45,114	45,727	46,788
Business services	1,355,128	1,483,333	1,517,727	1,483,976	1,516,005	1,665,504	131,091	165,447	201,191	246,254	286,267	335,712
Auto repair, services, and garages	247,827	280,315	294,339	298,346	295,792	311,132	69,145	85,887	91,283	99,743	121,911	136,992
Miscellaneous repair services	223,481	238,600	207,325	198,323	180,490	192,986	28,423	34,882	33,403	42,735	49,047	56,559
Amusement and recreation services	114,534	145,596	132,226	145,034	135,234	152,110	22,182	27,365	33,662	40,129	45,882	48,300
Motion pictures	16,236	16,482	17,542	17,346	16,540	17,754	3,741	5,012	6,416	4,891	4,637	6,187
Health services	2,109,376	2,252,152	2,471,675	2,641,356	2,962,506	3,138,229	667,580	723,912	783,765	844,585	956,165	1,075,936
Legal services	667,498	803,435	880,907	1,010,438	1,087,541	1,159,446	97,302	120,166	136,828	159,927	178,750	206,215
Educational services	265,722	298,549	319,087	330,950	362,530	399,355	73,621	81,093	93,415	104,038	113,050	122,542
Social services	123,838	127,671	152,647	163,611	164,842	173,232	60,816	68,826	77,486	87,939	98,649	112,272
Museums, botanical, zoological gardens	2,246	2,785	2,833	2,940	3,170	3,386	1,219	1,409	1,745	1,959	2,033	2,319
Membership organizations	270,772	297,149	285,527	294,981	308,692	331,694	64,417	70,852	72,613	76,323	82,380	90,134
Miscellaneous services	685,869	745,547	757,400	789,935	776,170	839,800	119,662	147,805	164,201	212,067	252,770	296,169
Government and government enterprises	5,699,135	5,957,325	6,239,459	6,307,719	6,418,780	6,590,436	1,537,778	1,645,513	1,775,884	1,851,532	1,996,436	2,184,000
Federal, civilian	835,471	871,670	925,893	927,680	984,366	1,080,671	445,894	466,454	493,671	480,978	509,100	551,039
Military	560,091	587,458	622,027	654,774	706,749	726,547	204,124	217,826	234,314	233,935	239,935	251,547
State and local	4,303,573	4,498,197	4,691,539	4,725,265	4,727,665	4,783,218	887,760	961,233	1,047,899	1,136,619	1,247,401	1,381,414

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Maryland						Massachusetts					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**58,646,798**	**64,544,058**	**70,153,609**	**75,684,642**	**82,769,779**	**90,498,928**	**79,425,268**	**88,269,038**	**94,956,954**	**102,800,096**	**112,166,522**	**122,716,499**
Nonfarm personal income	58,494,618	64,212,042	69,840,621	75,320,483	82,408,168	90,104,890	79,243,113	88,061,735	94,776,801	102,541,597	112,004,413	122,522,963
Farm income[1]	152,180	332,016	312,988	364,159	361,611	394,038	182,155	198,303	180,153	258,499	162,109	193,536
Population (thousands)[2]	4,299.4	4,348.4	4,392.8	4,461.4	4,535.9	4,622.0	5,761.7	5,792.1	5,819.5	5,834.6	5,855.8	5,889.5
Per capita personal income (dollars)	**13,641**	**14,843**	**15,970**	**16,964**	**18,248**	**19,580**	**13,785**	**15,238**	**16,317**	**17,619**	**19,155**	**20,836**
Derivation of total personal income:												
Total earnings by place of work	37,579,340	41,749,015	45,675,471	49,677,606	54,648,841	59,666,042	57,523,920	64,641,464	70,718,493	77,244,392	84,942,170	93,175,761
Less: Personal contributions for social insurance[3]	2,271,063	2,534,863	2,956,428	3,191,241	3,453,202	3,912,656	3,229,011	3,644,943	4,174,112	4,739,549	5,102,319	5,823,115
Plus: Adjustment for residence	5,865,001	6,295,148	6,893,003	7,299,830	8,123,379	9,106,493	−761,584	−957,493	−1,204,794	−1,332,971	−1,522,406	−1,725,622
Equals: Net earnings by place of residence	41,173,278	45,509,300	49,612,046	53,786,195	59,319,018	64,859,879	53,533,325	60,039,028	65,339,587	71,171,872	78,317,445	85,627,024
Plus: Dividends, interest, and rent[5]	9,026,439	10,177,293	11,058,333	11,853,706	12,889,814	14,300,647	13,426,655	15,378,631	16,311,136	17,277,798	18,860,818	20,879,309
Plus: Transfer payments	8,447,081	8,857,465	9,483,230	10,044,741	10,560,947	11,338,402	12,465,288	12,842,379	13,306,231	14,350,426	14,988,259	16,210,166
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	31,888,254	35,287,316	38,573,447	41,864,998	46,064,810	50,329,668	47,769,323	53,727,539	58,706,617	63,955,901	70,430,891	77,414,107
Other labor income	2,976,295	3,166,967	3,286,619	3,562,039	3,908,509	4,281,580	4,982,272	5,395,462	5,597,417	6,021,904	6,539,553	7,079,300
Proprietors' income[6]	2,714,791	3,294,732	3,815,405	4,250,569	4,675,522	5,054,794	4,772,325	5,518,463	6,414,459	7,266,587	7,971,726	8,682,354
Farm	76,996	258,554	241,050	293,160	287,491	320,028	133,160	150,098	133,078	212,606	114,550	146,373
Nonfarm	2,637,795	3,036,178	3,574,355	3,957,409	4,388,031	4,734,766	4,639,165	5,368,365	6,281,381	7,053,981	7,857,176	8,535,981
Earnings by industry:												
Farm	152,180	332,016	312,988	364,159	361,611	394,038	182,155	198,303	180,153	258,499	162,109	193,536
Nonfarm	37,427,160	41,416,999	45,362,483	49,313,447	54,287,230	59,272,004	57,341,765	64,443,161	70,538,340	76,985,893	84,780,061	92,982,225
Private	28,261,732	31,640,101	35,000,520	38,406,212	42,562,424	46,775,926	49,947,130	56,539,674	61,945,850	67,730,674	74,741,370	81,996,290
Agricultural services, forestry, fisheries, and other[7]	166,446	170,859	211,134	250,565	313,586	359,439	272,503	268,085	357,440	445,378	536,098	594,916
Agricultural services	142,080	160,035	180,057	202,386	269,289	309,514	165,513	187,204	223,913	259,750	343,204	394,016
Forestry, fisheries, and other[7]	24,366	10,824	31,077	48,179	44,297	49,925	106,990	80,881	133,527	185,628	192,894	200,900
Mining	123,509	134,823	172,405	86,780	90,598	90,119	152,313	169,275	232,378	106,415	107,313	108,996
Coal mining	32,002	(D)	31,805	28,217	28,215	27,201	(D)	(D)	(D)	(D)	390	425
Oil and gas extraction	75,198	80,729	121,405	35,077	33,292	32,660	125,416	138,616	195,285	57,803	54,228	46,723
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	345	259
Nonmetallic minerals, except fuels	16,310	(D)	19,198	23,487	29,073	30,244	25,783	29,501	36,017	47,803	52,350	61,589
Construction	2,559,470	3,071,606	3,576,307	4,144,656	4,799,560	5,391,524	2,815,142	3,402,587	3,992,084	4,843,377	5,744,625	6,288,264
Manufacturing	5,395,767	5,834,535	6,093,357	6,154,955	6,299,579	6,609,113	15,265,577	17,311,162	18,030,181	18,204,875	18,579,149	19,565,233
Nondurable goods	2,096,817	2,230,946	2,351,099	2,488,571	2,555,683	2,706,817	4,406,212	4,792,665	4,882,166	5,030,660	5,330,749	5,642,257
Food and kindred products	510,646	557,008	590,506	627,300	644,926	662,079	517,660	517,089	543,144	564,392	574,433	605,129
Textile mill products	17,471	17,852	17,623	(D)	(D)	(D)	388,588	406,874	402,641	395,996	405,716	423,132
Apparel and other textile products	184,633	193,392	175,846	168,648	153,062	169,688	462,504	489,145	460,230	424,501	411,502	427,036
Paper and allied products	218,961	236,642	247,481	262,230	257,385	271,702	632,394	694,968	685,095	693,728	730,638	764,797
Printing and publishing	557,010	611,648	669,324	704,674	767,546	824,680	985,854	1,144,427	1,261,953	1,375,349	1,553,292	1,673,347
Chemicals and allied products	377,317	375,536	399,032	433,960	441,541	480,271	497,497	574,741	596,881	617,224	649,828	740,589
Petroleum and coal products	25,626	28,503	30,183	(D)	33,154	(D)	57,161	61,335	63,081	67,001	74,436	83,484
Tobacco manufactures	(L)	(L)	(L)	(L)	(D)	(L)	116	132	99	120	142	258
Rubber and misc. plastic products	183,909	189,904	202,098	221,294	217,483	214,310	605,218	654,150	647,674	702,357	744,983	734,565
Leather and leather products	21,230	20,443	19,000	18,957	20,384	(D)	259,220	249,804	221,368	189,992	185,779	189,920
Durable goods	3,298,950	3,603,589	3,742,258	3,666,384	3,743,896	3,902,296	10,859,365	12,518,497	13,148,015	13,174,215	13,248,400	13,922,976
Lumber and wood products	59,014	66,706	74,589	77,275	86,111	90,512	90,466	107,711	113,332	126,462	145,190	150,730
Furniture and fixtures	54,925	67,930	70,674	71,272	65,973	67,503	126,979	142,477	150,549	177,651	186,597	184,628
Primary metal industries	744,378	739,542	662,935	541,109	477,294	452,529	331,454	375,341	363,828	394,809	404,608	419,651
Fabricated metal products	211,491	218,276	228,005	260,062	267,942	282,559	1,104,447	1,217,791	1,242,564	1,214,215	1,256,533	1,322,134
Machinery, except electrical	432,595	541,575	546,229	540,803	530,719	627,036	2,818,713	3,277,490	3,460,635	3,312,100	3,723,196	4,005,200
Electric and electronic equipment	1,086,872	1,201,758	1,321,312	1,366,346	1,407,881	1,373,063	2,985,050	3,539,672	3,833,329	3,950,303	3,429,548	3,596,396
Transportation equip. excl. motor vehicles	291,903	(D)	304,443	247,105	319,774	345,160	987,870	1,129,965	1,256,290	1,242,868	1,237,484	1,218,938
Motor vehicles and equipment	129,801	(D)	210,485	227,919	228,429	225,012	142,472	226,846	227,849	195,396	172,083	112,297
Stone, clay, and glass products	183,092	204,389	209,843	200,731	202,598	251,431	285,308	326,621	337,320	329,250	346,812	392,824
Instruments and related products	63,208	71,862	66,878	83,784	102,533	127,527	1,558,225	1,720,843	1,720,218	1,786,076	1,882,697	2,006,460
Miscellaneous manufacturing industries	41,671	43,701	46,865	49,978	54,642	59,964	428,381	453,740	442,101	445,085	463,652	513,718
Transportation and public utilities	2,513,916	2,686,393	2,864,808	2,974,346	3,298,218	3,445,026	3,484,792	3,685,010	3,891,631	3,947,416	4,308,741	4,608,698
Railroad transportation	228,871	244,096	246,603	221,402	205,636	210,829	119,704	150,038	129,664	120,874	(D)	120,010
Trucking and warehousing	587,538	645,732	673,379	744,731	822,472	891,076	688,306	787,134	817,488	875,284	949,793	1,012,223
Water transportation	135,253	143,510	141,546	139,045	135,927	129,875	(D)	(D)	(D)	(D)	80,006	85,095
Other transportation[8]	231,285	258,263	291,129	373,010	436,637	490,811	(D)	(D)	(D)	(D)	(D)	1,033,689
Communication	864,107	843,486	892,668	866,781	1,062,182	1,043,845	1,358,302	1,248,873	1,302,767	1,230,270	1,370,870	1,420,033
Electric, gas, and sanitary services	466,862	551,306	619,483	629,377	635,364	678,590	605,548	707,363	757,770	774,703	838,285	937,648
Wholesale trade	2,285,222	2,577,088	2,783,775	3,018,027	3,273,320	3,671,912	3,542,247	4,139,365	4,525,761	4,979,898	5,815,551	6,546,562
Retail trade	4,233,733	4,660,300	5,119,847	5,588,867	6,211,287	6,694,015	5,571,746	6,208,597	6,885,542	7,648,428	8,348,593	9,055,813
Finance, insurance, and real estate	2,101,624	2,375,999	2,673,295	3,113,049	3,569,514	3,970,281	3,926,823	4,315,294	4,856,667	5,724,637	6,815,440	7,716,803
Banking and credit agencies	738,401	819,935	930,413	1,098,506	1,213,302	1,308,945	1,250,721	1,382,910	1,561,506	1,852,522	2,124,782	2,388,609
Other finance, insurance, and real estate[9]	1,363,223	1,556,064	1,742,882	2,014,543	2,356,212	2,661,336	2,676,102	2,932,384	3,295,161	3,872,115	4,690,658	5,328,194
Services	8,882,045	10,128,498	11,505,592	13,074,967	14,706,762	16,544,497	14,915,987	17,040,299	19,174,166	21,830,250	24,485,860	27,511,005
Hotels and other lodging places	165,497	188,756	221,671	259,005	297,761	337,593	317,595	364,194	415,526	466,583	541,804	596,635
Personal services	370,627	401,404	497,455	547,631	589,351	673,565	494,424	547,569	677,020	742,309	815,172	904,702
Private households	191,540	214,492	216,618	218,306	222,316	228,139	138,360	154,012	154,777	153,974	154,806	156,684
Business services	2,306,973	2,714,829	3,244,535	3,811,584	4,444,929	5,116,301	3,180,360	3,897,347	4,679,794	5,513,493	6,256,428	7,070,877
Auto repair, services, and garages	293,941	348,659	413,148	466,303	512,791	564,215	460,313	546,366	629,732	709,923	768,859	858,535
Miscellaneous repair services	155,239	200,133	215,771	238,849	251,699	295,473	221,970	244,955	246,289	290,165	312,565	358,172
Amusement and recreation services	192,357	201,152	227,911	256,650	291,891	324,039	220,141	254,593	291,978	331,467	380,336	418,711
Motion pictures	23,267	29,628	33,711	36,679	37,879	44,251	50,306	63,441	73,249	88,277	98,067	111,245
Health services	2,571,014	2,863,352	3,121,715	3,392,517	3,935,865	4,418,919	4,714,956	5,116,772	5,552,676	6,013,423	6,739,121	7,567,564
Legal services	501,441	603,686	683,661	808,623	888,582	1,037,853	967,716	1,180,672	1,344,125	1,608,060	1,811,411	2,039,320
Educational services	383,987	439,097	502,673	562,602	627,947	703,405	1,590,962	1,760,674	1,902,289	2,136,622	2,337,957	2,508,327
Social services	223,742	255,016	296,125	341,107	365,896	397,911	453,136	507,468	585,217	677,337	801,998	941,632
Museums, botanical, zoological gardens	1,764	1,944	2,153	2,195	2,595	2,914	33,667	38,628	44,808	50,089	58,057	66,831
Membership organizations	371,978	391,501	397,955	441,453	475,935	525,946	424,660	473,719	482,181	534,980	585,014	653,982
Miscellaneous services	1,128,678	1,274,849	1,430,490	1,691,463	1,761,325	1,873,973	1,647,421	1,889,889	2,094,505	2,513,548	2,824,265	3,257,788
Government and government enterprises	9,165,428	9,776,898	10,361,963	10,907,235	11,724,806	12,496,078	7,394,635	7,903,487	8,592,490	9,255,219	10,038,691	10,985,935
Federal, civilian	3,929,624	4,240,947	4,419,691	4,403,531	4,690,465	4,911,030	1,423,364	1,525,493	1,612,048	1,636,769	1,732,465	1,896,307
Military	821,884	895,252	947,923	1,049,574	1,084,676	1,100,750	389,603	406,496	412,307	446,719	464,937	483,261
State and local	4,413,920	4,640,699	4,994,349	5,454,130	5,949,665	6,484,298	5,581,668	5,971,498	6,568,135	7,171,731	7,841,289	8,606,367

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Michigan						Minnesota					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**107,437,161**	**118,047,218**	**127,249,796**	**136,040,184**	**143,095,221**	**152,864,242**	**50,026,729**	**55,824,394**	**59,277,627**	**62,773,992**	**67,002,158**	**71,725,982**
Nonfarm personal income	107,068,965	117,398,027	126,578,516	135,360,870	142,355,823	152,285,345	49,570,467	54,427,271	57,757,748	60,731,877	64,979,585	70,228,462
Farm income[1]	368,196	649,191	671,280	679,314	739,398	578,897	456,262	1,397,123	1,519,879	2,042,115	2,022,573	1,497,520
Population (thousands)[2]	9,055.7	9,062.0	9,088.3	9,142.5	9,204.7	9,239.8	4,145.5	4,164.0	4,191.6	4,213.1	4,244.3	4,306.6
Per capita personal income (dollars)	**11,864**	**13,027**	**14,001**	**14,880**	**15,546**	**16,544**	**12,068**	**13,407**	**14,142**	**14,900**	**15,786**	**16,655**
Derivation of total personal income:												
Total earnings by place of work	76,816,926	85,523,596	93,603,295	100,247,980	104,880,019	112,060,839	36,530,064	41,448,576	44,204,311	47,320,817	50,853,810	54,350,344
Less: Personal contributions for social insurance[3]	4,678,023	5,260,597	6,102,515	6,363,476	6,680,177	7,513,221	2,475,356	2,728,437	3,053,013	3,229,761	3,455,606	3,907,395
Plus: Adjustment for residence	488,281	632,347	706,581	661,380	712,468	767,163	−147,649	−189,104	−232,896	−273,696	−343,390	−356,989
Equals: Net earnings by place of residence	72,627,184	80,895,346	88,207,361	94,545,884	98,912,310	105,314,781	33,907,059	38,531,035	40,918,402	43,817,360	47,054,814	50,085,960
Plus: Dividends, interest, and rent[5]	16,277,417	18,375,281	19,571,201	20,564,677	22,129,944	24,230,649	8,700,613	9,515,954	10,029,753	10,481,608	11,049,450	12,179,707
Plus: Transfer payments	18,532,560	18,776,591	19,471,234	20,929,623	22,052,967	23,318,812	7,419,057	7,777,405	8,329,472	8,475,024	8,897,894	9,460,315
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	63,763,682	70,861,955	78,043,083	83,314,188	86,986,021	93,325,836	30,151,832	33,480,623	35,750,257	37,857,734	40,867,584	44,271,638
Other labor income	8,057,130	8,684,601	9,052,388	9,669,484	9,976,789	10,509,067	3,156,283	3,346,664	3,483,880	3,752,375	3,960,343	4,277,211
Proprietors' income[6]	4,996,114	5,977,040	6,507,824	7,264,308	7,917,209	8,225,936	3,221,949	4,621,289	4,970,174	5,710,708	6,025,883	5,801,495
Farm	175,739	460,181	483,478	493,718	543,208	381,144	230,895	1,177,301	1,299,908	1,824,627	1,797,153	1,272,368
Nonfarm	4,820,375	5,516,859	6,024,346	6,770,590	7,374,001	7,844,792	2,991,054	3,443,988	3,670,266	3,886,081	4,228,730	4,529,127
Earnings by industry:												
Farm	368,196	649,191	671,280	679,314	739,398	578,897	456,262	1,397,123	1,519,879	2,042,115	2,022,573	1,497,520
Nonfarm	76,448,730	84,874,405	92,932,015	99,568,666	104,140,621	111,481,942	36,073,802	40,051,453	42,684,432	45,278,702	48,831,237	52,852,824
Private	65,510,031	73,360,161	80,781,344	86,444,556	90,264,207	96,818,773	30,762,754	34,271,875	36,496,836	38,704,975	41,798,362	45,315,425
Agricultural services, forestry, fisheries, and other[7]	227,753	238,919	254,729	263,210	333,590	390,063	189,837	187,326	180,242	173,205	238,704	263,230
Agricultural services	192,385	199,914	229,413	253,080	318,331	374,420	167,099	167,724	166,043	164,275	229,024	253,428
Forestry, fisheries, and other[7]	35,368	39,005	25,316	10,130	15,259	15,643	22,738	19,602	14,199	8,930	9,680	9,802
Mining	393,906	434,436	491,149	365,469	375,336	415,983	330,564	373,558	377,497	267,870	260,430	301,576
Coal mining	332	553	452	568	477	236	305	277	145	154	74	196
Oil and gas extraction	241,881	265,965	329,526	182,728	185,253	200,266	78,256	83,286	112,650	48,539	44,077	40,748
Metal mining	87,107	94,124	86,569	97,350	106,266	114,550	210,789	242,757	216,675	167,455	167,139	209,600
Nonmetallic minerals, except fuels	64,586	73,794	74,602	84,823	83,340	100,931	41,214	47,238	48,027	51,722	49,140	51,032
Construction	3,054,023	3,317,911	3,915,791	4,530,272	4,927,745	5,561,731	2,132,330	2,491,443	2,650,619	2,925,783	3,261,522	3,273,480
Manufacturing	28,783,265	33,377,508	36,749,092	38,052,774	37,360,252	39,237,788	9,044,284	10,133,779	10,642,099	11,062,704	11,690,071	12,835,537
Nondurable goods	5,211,858	5,731,597	6,233,097	6,569,050	6,852,773	7,439,746	3,604,308	3,893,666	4,059,662	4,279,434	4,583,433	4,946,658
Food and kindred products	1,146,966	1,184,781	1,213,046	1,236,160	1,296,867	1,375,405	1,113,645	1,118,981	1,128,272	1,199,695	1,260,273	1,342,392
Textile mill products	53,685	50,722	50,832	40,750	43,513	51,074	38,653	37,499	37,918	39,007	40,286	40,773
Apparel and other textile products	468,603	583,123	680,661	748,381	726,000	774,157	42,006	43,151	42,214	45,944	44,400	50,655
Paper and allied products	566,018	618,221	649,112	725,059	729,580	761,596	1,099,044	1,208,627	1,251,723	1,306,673	1,381,114	1,488,535
Printing and publishing	741,934	816,858	914,558	949,067	1,003,356	1,125,158	781,653	878,779	968,095	1,017,578	1,119,806	1,219,121
Chemicals and allied products	1,346,643	1,430,399	1,546,637	1,650,787	1,715,919	1,898,016	209,284	240,512	255,053	272,912	294,456	331,469
Petroleum and coal products	95,319	92,329	95,857	130,771	138,218	148,179	71,682	71,283	71,232	72,825	81,419	85,639
Tobacco manufactures	89	108	(L)	74	174	159	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	737,545	902,109	1,029,653	1,039,339	1,144,579	1,241,792	210,515	255,166	265,557	287,964	324,684	347,080
Leather and leather products	55,056	52,947	52,692	48,662	54,567	64,210	37,796	39,628	39,577	36,802	36,950	40,971
Durable goods	23,571,407	27,645,911	30,515,995	31,483,724	30,507,479	31,798,042	5,439,976	6,240,113	6,582,437	6,783,270	7,106,638	7,888,879
Lumber and wood products	202,489	226,708	262,824	279,073	321,832	357,289	264,505	312,691	351,575	409,073	488,079	694,708
Furniture and fixtures	570,748	679,401	761,965	823,465	953,159	1,090,936	75,906	88,273	100,219	114,020	126,312	136,540
Primary metal industries	1,773,849	1,920,586	1,871,508	1,904,967	1,897,556	1,938,316	150,723	191,885	174,440	186,196	209,416	236,160
Fabricated metal products	2,805,762	3,409,456	4,021,187	4,051,004	3,957,108	4,220,956	917,364	1,023,782	1,074,841	1,046,746	1,090,787	1,150,233
Machinery, except electrical	3,552,890	4,106,103	4,462,034	4,579,830	4,301,839	4,568,215	2,259,686	2,689,692	2,827,088	2,723,955	2,805,677	3,114,249
Electric and electronic equipment	825,196	980,647	1,053,257	1,159,538	1,166,655	1,177,058	579,385	628,688	677,872	654,218	705,938	768,207
Transportation equip. excl. motor vehicles	551,649	600,352	663,701	722,832	760,167	746,525	48,950	63,625	72,830	82,630	123,030	145,652
Motor vehicles and equipment	12,375,711	14,667,191	16,293,287	16,785,940	15,895,923	16,295,488	114,454	145,901	164,538	206,847	206,423	214,183
Stone, clay, and glass products	456,202	528,484	554,345	574,376	629,189	708,996	200,108	214,054	212,841	215,408	231,842	245,938
Instruments and related products	307,003	343,563	380,598	406,158	421,614	472,880	707,833	760,465	795,558	992,631	972,456	1,031,592
Miscellaneous manufacturing industries	149,908	183,420	191,289	196,541	202,437	221,383	121,062	121,057	130,635	151,546	146,678	151,417
Transportation and public utilities	4,544,300	4,747,948	4,995,326	5,285,245	5,657,745	5,910,405	2,928,061	3,224,438	3,335,728	3,438,636	3,623,531	3,817,767
Railroad transportation	369,705	372,436	356,865	352,993	373,972	368,846	382,081	385,471	345,326	344,659	345,298	325,763
Trucking and warehousing	1,194,554	1,359,262	1,434,094	1,508,770	1,556,022	1,631,460	789,548	906,719	890,000	908,002	944,736	986,410
Water transportation	28,161	31,795	33,844	35,978	37,338	43,033	25,026	27,918	28,840	23,522	27,490	41,156
Other transportation[8]	416,027	477,330	541,996	683,268	835,097	933,275	685,885	751,268	854,280	887,338	994,357	1,110,381
Communication	1,247,277	1,172,308	1,247,836	1,272,082	1,330,101	1,359,188	579,672	615,258	635,062	645,658	685,205	706,440
Electric, gas, and sanitary services	1,288,576	1,334,817	1,380,691	1,432,154	1,525,215	1,574,603	465,849	537,804	582,220	629,457	626,445	647,617
Wholesale trade	3,987,039	4,645,264	4,988,202	5,395,182	5,899,299	6,497,440	2,803,611	3,153,953	3,292,221	3,430,150	3,688,518	4,059,785
Retail trade	7,095,081	7,565,920	7,982,461	8,624,654	9,214,374	9,896,416	3,810,071	4,114,579	4,310,657	4,486,619	4,780,279	5,221,682
Finance, insurance, and real estate	3,171,599	3,282,221	3,595,818	4,055,661	4,594,634	5,073,631	2,293,036	2,490,884	2,743,844	3,097,202	3,433,567	3,652,146
Banking and credit agencies	1,350,737	1,436,504	1,560,494	1,709,934	1,874,536	2,007,347	815,523	863,395	919,865	1,016,642	1,038,169	1,076,205
Other finance, insurance, and real estate[9]	1,820,862	1,845,717	2,035,324	2,345,727	2,720,098	3,066,284	1,477,513	1,627,489	1,823,979	2,080,560	2,395,398	2,575,941
Services	14,253,065	15,750,034	17,808,776	19,872,089	21,901,232	23,835,316	7,230,960	8,101,915	8,963,929	9,822,806	10,821,740	11,890,222
Hotels and other lodging places	245,021	254,570	275,887	322,076	363,313	388,363	211,249	220,950	238,719	240,907	266,339	266,411
Personal services	634,443	657,762	807,886	875,645	939,934	1,040,905	392,652	435,283	560,184	616,646	661,922	724,651
Private households	160,291	177,439	177,938	177,815	179,390	181,225	68,348	75,865	76,395	76,270	77,018	78,660
Business services	2,193,474	2,651,058	3,576,822	4,066,738	4,531,137	4,849,204	1,162,701	1,418,034	1,646,022	1,831,079	2,074,161	2,313,423
Auto repair, services, and garages	545,508	631,464	739,052	808,445	839,247	907,725	335,668	398,318	447,576	480,409	496,097	557,707
Miscellaneous repair services	261,401	318,818	351,737	375,936	395,899	450,357	148,084	168,812	151,988	173,159	186,396	207,364
Amusement and recreation services	292,247	315,486	346,718	396,045	420,154	470,024	169,590	194,588	224,526	255,285	277,091	317,633
Motion pictures	53,533	89,835	106,788	115,635	106,989	121,885	26,241	31,770	35,860	38,467	39,876	44,975
Health services	5,757,098	5,940,100	6,106,993	6,652,093	7,462,703	7,939,611	2,649,407	2,811,370	3,052,884	3,270,800	3,646,619	3,949,701
Legal services	927,099	1,053,753	1,163,998	1,312,006	1,470,859	1,694,920	517,420	621,479	673,182	761,384	826,558	918,811
Educational services	368,184	409,107	444,321	470,787	525,026	608,821	289,756	321,756	352,064	396,964	431,547	495,970
Social services	396,872	437,932	497,627	546,131	611,834	721,544	354,029	405,077	438,088	471,906	511,096	573,706
Museums, botanical, zoological gardens	14,613	13,950	13,898	15,535	17,688	17,838	11,855	13,708	16,047	20,364	20,667	22,517
Membership organizations	752,932	776,550	819,419	856,445	913,576	985,185	337,482	356,542	369,848	389,956	412,307	445,936
Miscellaneous services	1,650,349	2,022,210	2,379,692	2,880,757	3,123,483	3,457,709	556,478	628,363	680,546	799,210	894,046	972,757
Government and government enterprises	10,938,699	11,514,244	12,150,671	13,124,110	13,876,414	14,663,169	5,311,048	5,779,578	6,187,596	6,573,727	7,032,875	7,537,399
Federal, civilian	1,412,566	1,489,337	1,582,552	1,583,014	1,687,735	1,822,710	783,442	807,933	865,671	876,238	945,337	1,030,587
Military	291,519	316,253	335,232	349,913	369,668	372,338	93,183	105,274	113,720	129,641	143,410	149,024
State and local	9,234,614	9,708,654	10,232,887	11,191,183	11,819,011	12,468,121	4,434,423	4,866,371	5,208,205	5,567,848	5,944,128	6,357,788

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Mississippi						Missouri					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**21,431,283**	**23,159,109**	**24,174,424**	**25,402,329**	**27,076,833**	**29,146,808**	**57,090,840**	**62,524,522**	**66,728,683**	**70,489,968**	**74,721,053**	**79,458,324**
Nonfarm personal income	21,126,953	22,481,982	23,601,152	24,897,236	26,307,377	28,116,081	56,994,195	61,969,057	65,931,025	69,707,039	73,837,925	78,658,505
Farm income[1]	304,330	677,127	573,272	505,093	769,456	1,030,727	96,645	555,465	797,658	782,929	883,128	799,819
Population (thousands)[2]	2,583.3	2,599.3	2,614.4	2,624.3	2,624.3	2,620.0	4,965.2	5,005.5	5,035.3	5,066.5	5,107.6	5,141.2
Per capita personal income (dollars)	**8,296**	**8,910**	**9,247**	**9,680**	**10,318**	**11,125**	**11,498**	**12,491**	**13,252**	**13,913**	**14,630**	**15,455**
Derivation of total personal income:												
Total earnings by place of work	14,637,583	16,102,230	16,796,322	17,602,649	18,825,998	20,321,599	41,284,026	45,880,172	49,245,545	52,231,006	55,630,579	58,974,897
Less: Personal contributions for social insurance[3]	811,376	880,920	972,180	1,067,588	1,117,222	1,246,461	2,420,215	2,687,293	3,016,463	3,220,859	3,397,757	3,782,027
Plus: Adjustment for residence	434,604	507,201	526,074	507,691	565,609	595,428	−1,575,839	−1,707,514	−1,953,951	−2,061,395	−2,276,413	−2,397,003
Equals: Net earnings by place of residence	14,260,811	15,728,511	16,350,216	17,042,752	18,274,385	19,670,566	37,287,972	41,485,365	44,275,131	46,948,752	49,956,409	52,795,867
Plus: Dividends, interest, and rent[5]	2,780,409	2,971,861	3,041,351	3,285,079	3,464,927	3,768,865	10,866,690	11,858,578	12,490,887	12,972,751	13,703,639	14,883,701
Plus: Transfer payments	4,390,063	4,458,737	4,782,857	5,074,498	5,337,521	5,707,377	8,936,178	9,180,579	9,962,665	10,568,465	11,061,005	11,778,756
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	11,756,111	12,591,524	13,291,268	13,836,774	14,559,590	15,561,394	33,805,914	37,141,541	39,745,453	41,952,619	44,541,886	47,312,618
Other labor income	1,196,936	1,263,155	1,263,867	1,347,855	1,417,705	1,525,400	3,515,284	3,750,314	3,855,764	4,122,136	4,364,821	4,630,585
Proprietors' income[6]	1,684,536	2,247,551	2,241,187	2,418,020	2,848,703	3,234,805	3,962,828	4,988,317	5,644,328	6,156,251	6,723,872	7,031,694
Farm	167,737	542,936	440,986	374,179	631,497	892,194	−62,860	397,946	645,584	635,690	732,526	652,479
Nonfarm	1,516,799	1,704,615	1,800,201	2,043,841	2,217,206	2,342,611	4,025,688	4,590,371	4,998,744	5,520,561	5,991,346	6,379,215
Earnings by industry:												
Farm	304,330	677,127	573,272	505,093	769,456	1,030,727	96,645	555,465	797,658	782,929	883,128	799,819
Nonfarm	14,333,253	15,425,103	16,223,050	17,097,556	18,056,542	19,290,872	41,187,381	45,324,707	48,447,887	51,448,077	54,747,451	58,175,078
Private	11,361,332	12,262,365	12,847,945	13,556,661	14,363,981	15,330,193	35,214,400	38,951,862	41,629,682	44,317,871	47,130,444	50,100,364
Agricultural services, forestry, fisheries, and other[7]	111,278	109,739	94,675	79,923	105,359	110,670	190,524	190,613	180,781	180,543	260,925	287,354
Agricultural services	54,097	59,033	59,276	57,710	79,161	87,232	172,238	171,485	166,614	169,797	250,480	276,749
Forestry, fisheries, and other[7]	57,181	50,706	35,399	22,213	26,198	23,438	18,286	19,128	14,167	10,746	10,445	10,605
Mining	244,879	255,249	261,291	190,235	166,822	177,650	289,575	317,389	364,610	272,621	254,333	245,673
Coal mining	68	138	174	155	104	(D)	76,071	102,372	101,861	97,516	76,418	72,220
Oil and gas extraction	232,598	241,243	246,815	174,768	154,272	164,842	87,184	91,836	130,670	42,008	38,978	37,926
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	70,159	57,901	60,006	53,864	48,765	40,658
Nonmetallic minerals, except fuels	12,207	13,862	14,291	15,307	12,443	(D)	56,161	65,280	72,073	79,233	90,172	94,869
Construction	891,095	881,836	891,453	914,569	935,615	988,348	2,472,452	2,918,470	3,150,225	3,537,812	3,702,871	3,768,020
Manufacturing	3,694,043	4,079,161	4,290,900	4,534,832	4,754,470	5,104,915	9,782,628	10,992,156	11,559,822	11,945,992	12,168,435	12,900,136
Nondurable goods	1,515,672	1,625,730	1,678,007	1,799,971	1,864,274	1,949,388	3,980,730	4,253,631	4,463,200	4,659,560	4,846,939	5,161,382
Food and kindred products	344,719	345,897	371,485	386,966	413,878	428,411	1,139,349	1,181,392	1,225,158	1,309,926	1,356,687	1,428,890
Textile mill products	84,593	89,715	98,191	107,097	112,550	123,954	12,715	12,126	12,393	9,972	10,800	10,485
Apparel and other textile products	376,079	409,537	387,538	406,074	408,158	424,907	303,061	321,327	317,251	313,549	329,556	328,669
Paper and allied products	210,176	223,412	229,887	257,649	266,707	280,149	297,420	323,667	337,891	358,321	368,968	397,602
Printing and publishing	101,592	112,895	122,215	127,046	134,981	145,539	788,116	880,350	935,710	990,862	1,032,913	1,118,917
Chemicals and allied products	156,347	179,207	191,952	214,425	207,818	216,114	903,397	970,407	1,047,053	1,091,220	1,141,136	1,236,618
Petroleum and coal products	90,756	93,171	93,639	94,849	94,611	98,379	37,421	40,386	58,743	62,237	60,264	63,593
Tobacco manufactures	(D)	(L)	(L)	(L)	(L)	(L)	112	140	304	408	345	356
Rubber and misc. plastic products	136,338	159,474	175,827	199,764	220,594	227,107	236,071	260,226	275,713	282,986	292,362	314,559
Leather and leather products	(D)	12,416	7,270	6,094	4,968	4,823	263,068	263,610	252,984	240,079	253,908	261,693
Durable goods	2,178,371	2,453,431	2,612,893	2,734,861	2,890,196	3,155,527	5,801,898	6,738,525	7,096,622	7,286,432	7,321,496	7,738,754
Lumber and wood products	366,199	428,883	458,850	478,367	516,105	549,964	140,155	159,077	161,805	183,732	203,214	222,687
Furniture and fixtures	239,749	275,379	310,005	335,516	393,796	446,518	169,726	200,720	204,577	217,982	244,590	263,903
Primary metal industries	74,623	90,867	96,932	91,822	101,331	105,889	362,370	412,715	398,300	395,976	408,757	426,290
Fabricated metal products	203,040	241,416	254,176	264,298	282,772	314,484	683,952	718,450	754,279	777,653	766,820	808,445
Machinery, except electrical	223,287	269,275	286,255	282,214	301,491	328,842	720,936	813,675	806,432	813,164	823,813	876,528
Electric and electronic equipment	418,683	462,740	488,436	480,932	470,853	520,673	1,074,445	1,233,813	1,324,432	1,275,979	1,201,701	1,256,465
Transportation equip. excl. motor vehicles	412,180	422,121	445,756	502,878	499,282	516,674	1,131,009	1,194,210	1,280,691	1,378,635	1,580,771	1,723,992
Motor vehicles and equipment	55,598	63,241	72,375	82,885	90,580	119,287	855,831	1,286,116	1,431,485	1,483,632	1,324,013	1,327,338
Stone, clay, and glass products	110,419	120,558	114,242	122,266	129,927	139,629	264,928	288,849	291,447	306,240	308,387	320,361
Instruments and related products	21,398	23,476	22,688	22,125	25,334	32,115	280,716	301,106	310,266	316,066	322,293	360,571
Miscellaneous manufacturing industries	53,195	55,475	63,178	71,558	78,725	81,452	117,830	129,794	132,908	137,373	137,137	152,174
Transportation and public utilities	1,033,983	1,105,874	1,170,478	1,231,092	1,362,231	1,433,044	4,215,366	4,492,823	4,670,392	4,925,741	5,142,984	5,413,338
Railroad transportation	108,719	111,110	98,538	85,990	78,946	73,406	491,857	497,597	447,390	432,773	435,599	410,427
Trucking and warehousing	307,168	359,668	375,040	399,733	455,220	492,835	1,094,141	1,250,042	1,260,517	1,339,907	1,434,547	1,531,206
Water transportation	42,935	46,674	47,028	47,330	49,268	57,213	78,411	94,841	80,373	68,187	75,527	90,285
Other transportation[8]	48,824	50,462	67,142	72,810	84,596	99,743	849,108	859,720	967,316	951,943	986,470	1,092,273
Communication	277,223	263,856	267,970	262,646	290,890	295,939	1,052,272	1,080,029	1,144,291	1,247,916	1,318,450	1,377,029
Electric, gas, and sanitary services	249,114	274,104	314,760	362,583	403,311	413,908	649,577	710,594	770,505	885,015	892,391	912,118
Wholesale trade	781,456	843,619	865,444	879,885	923,344	983,511	3,015,261	3,312,118	3,519,244	3,579,667	4,001,599	4,306,094
Retail trade	1,589,984	1,714,569	1,769,333	1,842,702	1,902,177	1,994,807	4,231,481	4,557,251	4,845,138	5,112,393	5,372,005	5,689,993
Finance, insurance, and real estate	650,905	692,820	742,046	823,185	887,677	930,477	2,384,777	2,572,539	2,797,777	3,193,326	3,546,191	3,777,362
Banking and credit agencies	304,288	328,146	354,244	388,237	414,344	428,310	889,263	966,299	1,031,407	1,147,817	1,214,328	1,277,256
Other finance, insurance, and real estate[9]	346,617	364,674	387,802	434,948	473,333	502,167	1,495,514	1,606,240	1,766,370	2,045,509	2,331,863	2,500,106
Services	2,363,709	2,579,498	2,762,325	3,060,238	3,326,286	3,606,771	8,632,336	9,598,503	10,541,693	11,569,776	12,681,101	13,712,394
Hotels and other lodging places	74,890	75,250	79,622	77,045	76,136	79,871	258,587	270,209	284,913	288,647	324,551	334,357
Personal services	122,076	124,700	147,940	156,855	166,493	179,458	427,106	457,009	559,918	605,764	644,499	696,160
Private households	111,077	123,571	124,281	123,850	124,079	124,851	119,881	133,692	134,488	134,404	135,718	137,514
Business services	230,770	244,215	290,961	331,765	363,713	405,352	1,683,381	1,958,674	2,265,156	2,528,870	2,751,861	2,928,804
Auto repair, services, and garages	122,368	140,494	155,649	165,957	173,148	184,148	395,011	468,673	514,192	570,379	600,983	658,632
Miscellaneous repair services	64,288	67,515	64,012	72,614	75,017	100,278	153,683	182,286	155,797	181,444	190,121	224,502
Amusement and recreation services	27,929	31,599	34,830	37,666	37,872	39,722	209,823	231,436	264,100	281,078	306,653	335,963
Motion pictures	(D)	3,936	5,265	3,843	3,689	4,166	42,695	73,700	80,886	83,770	78,612	85,763
Health services	823,641	889,864	950,186	1,030,568	1,166,953	1,255,238	3,079,204	3,259,686	3,509,051	3,763,900	4,244,930	4,606,980
Legal services	167,431	196,306	211,594	243,584	260,112	295,069	552,231	657,314	736,796	837,055	920,445	994,613
Educational services	66,231	72,279	78,894	85,053	95,411	105,287	438,524	487,026	528,362	589,718	646,012	708,601
Social services	69,773	74,783	80,332	83,352	88,631	92,498	209,756	232,093	248,261	269,933	286,501	325,554
Museums, botanical, zoological gardens	(D)	(L)	63	78	60	185	5,117	6,146	7,765	8,574	10,802	12,169
Membership organizations	120,526	122,623	117,693	116,221	117,551	119,484	374,125	391,328	401,398	424,135	447,881	483,726
Miscellaneous services	358,002	412,333	421,003	531,787	577,421	621,164	683,212	789,231	850,610	1,002,105	1,091,532	1,179,056
Government and government enterprises	2,971,921	3,162,738	3,375,105	3,540,895	3,692,561	3,960,679	5,972,981	6,372,845	6,818,205	7,130,206	7,617,007	8,074,714
Federal, civilian	615,384	649,384	694,934	691,200	729,056	782,902	1,687,708	1,783,027	1,894,973	1,865,725	1,989,035	2,121,773
Military	440,465	470,552	493,657	525,395	528,118	526,591	422,136	442,067	463,295	494,853	504,500	506,825
State and local	1,916,072	2,042,802	2,186,514	2,324,300	2,435,387	2,651,186	3,863,137	4,147,751	4,459,937	4,769,628	5,123,472	5,446,116

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Montana						Nebraska					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**8,503,906**	**8,922,334**	**9,092,290**	**9,587,581**	**9,978,888**	**10,382,322**	**17,986,631**	**19,778,194**	**20,807,873**	**21,582,999**	**22,514,469**	**23,700,731**
Nonfarm personal income	8,387,264	8,851,840	9,084,916	9,223,324	9,547,088	10,092,890	17,345,905	18,459,156	19,107,951	19,616,143	20,559,531	21,863,822
Farm income[1]	116,642	70,494	7,374	364,257	431,800	289,432	640,726	1,319,038	1,699,922	1,966,856	1,954,938	1,836,909
Population (thousands)[2]	815.8	823.5	825.5	817.3	809.2	804.6	1,596.7	1,605.2	1,604.9	1,598.1	1,594.0	1,602.1
Per capita personal income (dollars)	**10,424**	**10,835**	**11,015**	**11,730**	**12,332**	**12,903**	**11,265**	**12,321**	**12,965**	**13,505**	**14,125**	**14,793**
Derivation of total personal income:												
Total earnings by place of work	5,692,172	5,932,899	5,950,320	6,316,389	6,574,604	6,773,854	12,674,728	14,342,765	15,270,821	16,013,444	16,777,841	17,652,425
Less: Personal contributions for social insurance[3]	365,916	392,814	420,788	447,553	456,992	505,565	786,398	865,504	961,796	997,172	1,056,823	1,187,850
Plus: Adjustment for residence	17,897	12,948	13,302	12,118	11,407	13,617	−218,293	−254,867	−293,114	−299,829	−293,452	−343,731
Equals: Net earnings by place of residence	5,344,153	5,553,033	5,542,834	5,880,954	6,129,019	6,281,906	11,670,037	13,222,394	14,015,911	14,716,443	15,427,566	16,120,844
Plus: Dividends, interest, and rent[5]	1,691,738	1,825,849	1,907,573	1,898,659	1,946,824	2,091,219	3,749,152	3,911,716	3,955,511	3,905,392	4,005,457	4,325,623
Plus: Transfer payments	1,468,015	1,543,452	1,641,883	1,807,968	1,903,045	2,009,197	2,567,442	2,644,084	2,836,451	2,961,164	3,081,446	3,254,264
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,521,138	4,714,358	4,764,534	4,711,331	4,830,273	5,090,887	9,846,310	10,618,596	11,148,174	11,489,730	12,083,713	12,886,404
Other labor income	430,296	436,257	427,207	413,700	442,677	474,846	946,044	987,409	989,677	1,019,054	1,078,219	1,159,286
Proprietors' income[6]	740,738	782,284	758,579	1,191,358	1,301,654	1,208,121	1,882,374	2,736,760	3,132,970	3,504,660	3,615,909	3,606,735
Farm	−3,871	−49,676	−106,193	259,166	327,044	190,556	441,389	1,121,784	1,510,745	1,786,035	1,771,662	1,659,570
Nonfarm	744,609	831,960	864,772	932,192	974,610	1,017,565	1,440,985	1,614,976	1,622,225	1,718,625	1,844,247	1,947,165
Earnings by industry:												
Farm	116,642	70,494	7,374	364,257	431,800	289,432	640,726	1,319,038	1,699,922	1,966,856	1,954,938	1,836,909
Nonfarm	5,575,530	5,862,405	5,942,946	5,952,132	6,142,804	6,484,422	12,034,002	13,023,727	13,570,899	14,046,588	14,822,903	15,815,516
Private	4,374,859	4,601,153	4,617,056	4,609,072	4,744,906	5,017,313	9,664,654	10,499,256	10,887,200	11,264,175	11,887,595	12,733,817
Agricultural services, forestry, fisheries, and other[7]	54,285	49,602	42,270	34,794	50,177	53,251	105,021	100,226	88,912	86,652	130,924	146,272
Agricultural services	32,920	32,512	30,532	28,004	42,725	45,669	102,725	98,707	86,703	83,362	128,172	143,184
Forestry, fisheries, and other[7]	21,365	17,090	11,738	6,790	7,452	7,582	2,296	1,519	2,209	3,290	2,752	3,088
Mining	242,132	246,940	232,679	201,384	201,716	233,082	60,808	68,190	77,214	52,468	50,417	49,210
Coal mining	54,900	58,925	63,195	59,978	54,752	54,829	2,357	3,084	2,505	2,649	(D)	(D)
Oil and gas extraction	110,206	122,379	108,619	70,489	61,977	63,343	41,584	43,632	51,999	25,730	24,340	22,655
Metal mining	53,906	38,477	30,928	39,211	56,910	81,458	(L)	−125	(L)	316	(D)	(D)
Nonmetallic minerals, except fuels	23,120	27,159	29,937	31,706	28,077	33,452	16,879	21,599	22,747	23,773	23,734	24,360
Construction	461,556	442,556	424,677	397,878	372,322	386,864	731,297	846,693	862,354	839,725	869,960	919,464
Manufacturing	525,544	559,346	551,532	549,775	556,108	572,924	1,840,699	2,042,917	2,075,958	2,109,554	2,190,213	2,390,714
Nondurable goods	205,812	203,504	202,653	209,581	208,193	211,724	907,185	959,336	1,012,940	1,057,049	1,085,345	1,183,518
Food and kindred products	71,396	65,411	58,515	62,056	63,135	63,097	540,590	558,949	586,851	597,944	593,814	657,346
Textile mill products	263	51	88	(D)	145	78	2,932	2,666	2,680	1,942	2,098	2,319
Apparel and other textile products	6,027	7,071	8,481	9,369	7,934	7,700	20,088	20,368	21,476	24,857	27,072	28,879
Paper and allied products	30,491	32,570	32,421	34,174	34,674	33,816	29,889	34,707	37,754	42,590	46,339	48,878
Printing and publishing	36,657	38,029	39,356	40,436	41,750	44,298	142,663	145,908	162,261	176,400	189,355	204,547
Chemicals and allied products	13,657	16,803	18,034	18,814	18,307	19,272	68,100	73,210	74,870	77,899	78,234	78,978
Petroleum and coal products	45,200	40,859	43,145	41,081	38,281	40,001	5,651	6,911	6,995	3,817	3,192	3,194
Tobacco manufactures	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	1,581	2,069	1,881	2,165	3,158	2,355	93,088	112,982	115,641	124,800	137,328	149,126
Leather and leather products	535	(D)	(D)	(D)	800	1,102	4,178	3,627	4,408	6,793	7,904	10,246
Durable goods	319,732	355,842	348,879	340,194	347,915	361,200	933,514	1,083,581	1,063,018	1,052,505	1,104,868	1,207,196
Lumber and wood products	217,311	224,184	221,062	222,560	226,064	228,858	35,444	33,110	32,819	32,795	35,284	37,608
Furniture and fixtures	(D)	3,490	4,387	3,778	4,712	5,309	31,881	36,985	37,918	40,027	44,131	46,492
Primary metal industries	39,052	54,266	49,639	42,344	46,089	49,014	39,524	51,252	50,573	48,200	52,132	58,812
Fabricated metal products	11,837	14,180	13,580	14,263	13,135	10,809	138,500	159,113	161,520	154,872	162,831	168,701
Machinery, except electrical	6,630	9,481	10,587	11,203	12,650	14,714	257,914	301,382	280,302	284,476	292,236	336,827
Electric and electronic equipment	(D)	7,363	7,927	3,915	3,541	5,169	183,472	232,570	226,984	223,841	233,149	253,111
Transportation equip. excl. motor vehicles	889	1,043	1,371	1,239	1,327	2,282	47,528	50,819	52,470	44,240	44,891	48,000
Motor vehicles and equipment	2,433	2,912	2,989	2,721	2,917	3,515	54,181	63,438	61,731	64,604	75,181	83,236
Stone, clay, and glass products	25,776	28,663	26,511	26,395	22,771	21,623	52,891	55,499	57,512	58,419	59,335	61,175
Instruments and related products	2,810	2,692	1,788	2,236	2,664	3,656	70,475	82,174	84,667	86,059	91,513	99,548
Miscellaneous manufacturing industries	6,555	7,568	9,038	9,540	12,045	16,251	21,704	17,239	16,522	14,972	14,185	13,686
Transportation and public utilities	649,110	706,323	694,416	697,292	691,418	702,119	1,425,159	1,536,790	1,554,518	1,561,330	1,594,488	1,615,006
Railroad transportation	156,451	170,729	165,355	132,055	132,136	129,243	478,860	530,630	533,222	506,901	504,598	470,544
Trucking and warehousing	176,128	216,253	215,618	216,301	216,345	222,971	391,376	437,687	433,840	471,507	526,690	578,113
Water transportation	175	242	239	192	191	(D)	789	824	697	635	605	758
Other transportation[8]	46,005	47,940	46,654	52,619	52,669	(D)	68,998	72,867	72,413	76,691	87,167	95,890
Communication	127,175	119,521	103,997	120,968	121,337	121,807	357,887	357,114	363,837	364,959	378,344	387,907
Electric, gas, and sanitary services	143,176	151,638	162,553	175,157	168,740	170,085	127,249	137,668	150,509	140,637	97,084	81,794
Wholesale trade	357,584	375,438	366,329	343,211	349,708	355,827	993,404	1,047,054	1,063,158	1,062,475	1,136,445	1,253,126
Retail trade	720,316	744,399	739,068	718,467	734,900	790,089	1,319,648	1,374,121	1,423,253	1,451,584	1,499,698	1,591,417
Finance, insurance, and real estate	256,960	265,610	270,770	279,564	295,254	321,351	871,198	930,291	999,006	1,089,563	1,170,674	1,214,328
Banking and credit agencies	127,347	132,924	136,190	139,420	139,011	134,239	306,530	324,828	336,828	353,543	366,634	377,433
Other finance, insurance, and real estate[9]	129,613	132,686	134,580	140,144	156,243	187,112	564,668	605,463	662,178	736,020	804,040	836,895
Services	1,107,372	1,210,939	1,295,315	1,386,707	1,493,303	1,601,806	2,317,420	2,552,974	2,742,827	3,010,824	3,244,776	3,554,280
Hotels and other lodging places	58,660	58,568	59,793	59,783	63,518	65,121	56,575	60,936	61,782	63,825	67,197	67,139
Personal services	55,644	58,853	74,621	78,802	80,316	86,150	137,801	144,801	176,633	195,712	204,246	222,703
Private households	12,409	13,842	13,866	13,637	13,529	13,546	34,519	38,349	38,340	37,941	37,901	38,328
Business services	112,158	132,316	155,863	166,544	178,944	186,262	325,534	403,890	473,390	542,345	592,177	671,156
Auto repair, services, and garages	64,376	74,149	79,325	82,458	81,828	87,573	133,664	156,753	164,720	178,845	182,807	198,941
Miscellaneous repair services	32,358	37,133	32,056	34,693	37,880	43,441	66,746	76,253	66,728	79,432	82,042	98,306
Amusement and recreation services	17,836	21,156	24,038	(D)	32,823	34,754	38,498	43,268	46,192	53,037	56,518	59,034
Motion pictures	3,750	4,858	5,138	(D)	4,285	4,523	6,281	7,524	7,688	7,847	7,573	8,176
Health services	442,805	463,268	495,356	524,419	584,411	624,737	891,632	916,191	962,862	1,024,109	1,143,358	1,240,556
Legal services	69,528	85,167	95,128	111,314	121,705	132,662	162,558	194,072	211,147	249,251	260,267	284,421
Educational services	25,953	29,826	30,785	32,060	35,060	38,568	99,992	109,139	115,584	120,076	127,090	134,328
Social services	38,823	41,139	42,775	45,030	50,171	61,403	70,905	79,288	82,236	88,354	98,226	108,847
Museums, botanical, zoological gardens	751	659	752	(D)	902	1,028	2,208	2,505	3,277	3,651	3,965	4,385
Membership organizations	70,125	75,963	77,159	77,098	78,835	85,640	107,054	114,327	115,045	116,479	121,914	129,991
Miscellaneous services	102,196	114,042	108,660	126,019	129,096	136,398	183,453	205,678	217,203	249,920	259,495	287,969
Government and government enterprises	1,200,671	1,261,252	1,325,890	1,343,060	1,397,898	1,467,109	2,369,348	2,524,471	2,683,699	2,782,413	2,935,308	3,081,699
Federal, civilian	297,932	312,231	327,952	321,475	344,838	382,613	386,615	405,914	427,042	433,818	458,467	480,196
Military	92,942	94,635	97,425	103,252	111,095	117,904	306,502	331,031	356,189	374,984	397,473	402,782
State and local	809,797	854,386	900,513	918,333	941,965	966,592	1,676,231	1,787,526	1,900,468	1,973,611	2,079,368	2,198,721

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Nevada						New Hampshire					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**11,599,694**	**12,678,389**	**13,801,270**	**14,931,665**	**16,473,341**	**18,475,630**	**12,259,897**	**13,751,680**	**15,340,216**	**17,038,567**	**18,947,109**	**20,872,804**
Nonfarm personal income	11,570,634	12,634,354 r	13,771,831	14,899,305	16,429,348	18,427,618	12,228,206	13,716,743	15,307,931	16,998,219	18,885,327	20,806,123
Farm income[1]	29,060	44,035	29,439	32,360	43,993	48,012	31,691	34,937	32,285	40,348	61,782	66,681
Population (thousands)[2]	896.9	916.6	936.5	966.2	1,006.2	1,054.3	958.9	978.2	998.9	1,026.7	1,056.3	1,085.2
Per capita personal income (dollars)	**12,934**	**13,832**	**14,737**	**15,454**	**16,372**	**17,525**	**12,786**	**14,057**	**15,357**	**16,595**	**17,938**	**19,233**
Derivation of total personal income:												
Total earnings by place of work	8,834,856	9,601,359	10,351,093	11,191,786	12,442,587	14,011,770	8,103,016	9,086,004	10,204,524	11,474,551	12,821,690	14,135,260
Less: Personal contributions for social insurance[3]	451,456	422,478	477,752	546,289	598,817	704,677	451,787	510,441	604,116	663,476	732,189	842,923
Plus: Adjustment for residence	−199,292	−233,265	−247,418	−259,273	−271,744	−317,472	1,061,016	1,285,200	1,522,517	1,635,636	1,858,951	2,035,044
Equals: Net earnings by place of residence	8,184,108	8,945,616	9,625,923	10,386,224	11,572,026	12,989,621	8,712,245	9,860,763	11,122,925	12,446,711	13,948,452	15,327,381
Plus: Dividends, interest, and rent[5]	1,828,916	2,048,728	2,295,563	2,467,649	2,693,001	3,067,968	1,996,458	2,281,705	2,509,510	2,760,317	3,089,361	3,471,221
Plus: Transfer payments	1,586,670	1,684,045	1,879,784	2,077,792	2,208,314	2,418,041	1,551,194	1,609,212	1,707,781	1,831,539	1,909,296	2,074,202
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,678,277	8,313,065	8,986,879	9,685,619	10,756,380	12,138,648	6,516,314	7,288,948	8,176,695	9,170,367	10,225,948	11,278,438
Other labor income	572,279	601,100	616,722	675,720	749,059	847,543	722,270	778,637	829,482	938,526	1,031,693	1,126,399
Proprietors' income[6]	584,300	687,194	747,492	830,447	937,148	1,025,579	864,432	1,018,419	1,198,347	1,365,658	1,564,049	1,730,423
Farm	7,747	23,048	8,829	12,119	22,926	27,078	16,970	20,539	18,072	26,246	46,967	51,832
Nonfarm	576,553	664,146	738,663	818,328	914,222	998,501	847,462	997,880	1,180,275	1,339,412	1,517,082	1,678,591
Earnings by industry:												
Farm	29,060	44,035	29,439	32,360	43,993	48,012	31,691	34,937	32,285	40,348	61,782	66,681
Nonfarm	8,805,796	9,557,324	10,321,654	11,159,426	12,398,594	13,963,758	8,071,325	9,051,067	10,172,239	11,434,203	12,759,908	14,068,579
Private	7,352,960	8,051,261	8,711,049	9,469,174	10,556,970	11,974,667	7,083,238	7,987,978	9,013,093	10,171,495	11,348,875	12,522,448
Agricultural services, forestry, fisheries, and other[7]	38,886	37,761	43,290	45,561	57,204	69,249	36,664	35,275	43,435	48,148	67,395	80,233
Agricultural services	28,757	31,194	34,421	35,857	49,611	58,841	24,150	25,488	32,176	38,506	58,869	70,650
Forestry, fisheries, and other[7]	10,129	6,567	8,869	9,704	7,593	10,408	12,514	9,787	11,259	9,642	8,526	9,583
Mining	199,058	228,212	231,467	244,813	314,296	435,905	27,328	31,190	42,723	23,713	27,226	29,214
Coal mining	0	(D)	426	306	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	22,878	(D)	35,001	14,478	(D)	(D)	19,076	21,766	31,873	8,791	(D)	(D)
Metal mining	131,005	155,591	152,272	186,312	264,523	388,211	(L)	(L)	(L)	(L)	(D)	(D)
Nonmetallic minerals, except fuels	45,175	46,400	43,768	43,717	35,586	32,913	8,255	9,435	10,848	14,897	18,841	20,925
Construction	698,416	754,497	809,806	926,348	1,013,118	1,257,243	801,604	830,196	1,048,257	1,280,453	1,405,195	1,490,207
Manufacturing	435,972	497,890	528,477	539,373	592,902	654,968	2,444,714	2,808,391	2,997,015	3,151,603	3,313,077	3,533,547
Nondurable goods	138,056	150,523	163,011	179,293	203,319	224,628	757,280	809,729	821,206	838,702	888,876	949,936
Food and kindred products	35,102	35,339	36,437	37,948	39,251	40,954	66,724	71,401	74,753	77,735	82,632	87,143
Textile mill products	1,294	1,497	1,787	1,767	1,437	1,261	66,319	73,643	70,172	73,909	82,609	87,253
Apparel and other textile products	2,339	3,654	4,886	4,729	4,550	7,758	34,841	34,852	34,049	33,163	30,813	30,597
Paper and allied products	2,758	3,441	2,775	2,625	3,090	2,766	141,803	158,777	162,832	166,209	186,463	192,304
Printing and publishing	56,046	61,611	69,319	77,201	91,750	98,175	125,733	132,236	148,782	164,076	192,226	216,194
Chemicals and allied products	21,682	21,718	21,800	24,303	24,539	25,461	21,961	26,213	29,163	32,178	37,762	43,615
Petroleum and coal products	1,577	1,642	2,191	1,983	998	1,234	638	806	(D)	1,813	1,266	1,464
Tobacco manufactures	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)	(L)	57	85
Rubber and misc. plastic products	17,190	21,610	23,796	28,704	37,693	46,979	175,175	204,613	215,314	212,467	205,216	223,698
Leather and leather products	62	(D)	(D)	(D)	(L)	(L)	124,073	107,171	84,583	77,138	69,832	67,583
Durable goods	297,916	347,367	365,466	360,080	389,583	430,340	1,687,434	1,998,662	2,175,809	2,312,901	2,424,201	2,583,611
Lumber and wood products	17,658	18,657	18,697	21,909	25,407	30,250	84,507	100,073	113,896	135,797	156,133	155,451
Furniture and fixtures	4,509	5,455	6,265	7,340	11,482	12,827	(D)	(D)	(D)	30,578	33,183	34,361
Primary metal industries	36,484	39,874	39,308	35,556	39,944	41,846	96,587	116,652	121,774	122,112	134,464	152,375
Fabricated metal products	29,072	27,522	29,701	32,016	33,206	38,392	146,965	159,203	164,122	164,059	171,573	186,413
Machinery, except electrical	42,219	58,158	68,064	66,793	64,652	69,697	582,791	680,514	772,828	844,286	878,000	941,935
Electric and electronic equipment	56,853	66,244	68,159	64,174	64,912	52,351	490,054	609,853	637,250	641,048	652,185	703,134
Transportation equip. excl. motor vehicles	16,235	14,064	6,510	4,109	8,195	9,510	20,026	23,365	33,196	39,596	38,995	35,766
Motor vehicles and equipment	2,006	15,670	17,303	7,713	5,354	5,415	(D)	(D)	(D)	1,587	1,656	2,750
Stone, clay, and glass products	35,050	40,662	42,749	45,743	51,305	63,001	53,949	65,197	74,249	82,857	93,639	100,551
Instruments and related products	15,314	18,155	18,410	20,682	23,372	28,073	154,385	172,307	181,210	202,964	216,559	219,202
Miscellaneous manufacturing industries	42,516	42,906	50,300	54,045	61,754	78,978	34,462	45,164	46,781	48,017	47,814	51,673
Transportation and public utilities	714,215	736,837	762,478	819,439	893,257	960,280	426,942	462,190	482,310	523,918	565,102	620,518
Railroad transportation	53,817	55,297	52,816	45,083	39,585	37,090	12,356	15,511	(D)	(D)	(D)	(D)
Trucking and warehousing	106,731	117,424	120,445	129,165	145,611	159,069	109,911	128,983	135,131	155,086	172,485	188,927
Water transportation	1,080	1,220	2,636	3,203	5,291	6,063	(D)	(D)	4,141	5,013	(D)	4,683
Other transportation[8]	198,626	201,396	209,156	243,426	276,024	298,636	(D)	(D)	(D)	(D)	62,844	(D)
Communication	195,060	184,701	183,131	183,245	196,343	208,107	159,065	161,334	160,515	158,383	170,280	190,129
Electric, gas, and sanitary services	158,901	176,799	194,294	215,317	230,403	251,315	110,511	116,514	125,414	145,325	148,901	160,041
Wholesale trade	310,155	347,287	389,320	432,418	497,934	576,860	417,179	484,960	564,622	637,012	752,820	831,339
Retail trade	941,260	1,024,036	1,102,483	1,167,037	1,287,648	1,425,881	922,871	1,038,074	1,164,168	1,361,971	1,569,263	1,738,534
Finance, insurance, and real estate	387,175	428,540	472,699	533,709	583,615	644,581	390,401	443,070	510,919	625,365	778,891	903,144
Banking and credit agencies	155,137	168,996	186,944	219,135	236,489	259,706	133,248	152,416	172,511	211,150	267,487	298,618
Other finance, insurance, and real estate[9]	232,038	259,544	285,755	314,574	347,126	384,875	257,153	290,654	338,408	414,215	511,404	604,526
Services	3,627,823	3,996,201	4,371,029	4,760,476	5,316,996	5,949,700	1,615,535	1,854,632	2,159,644	2,519,312	2,869,906	3,295,712
Hotels and other lodging places	1,137,913	1,408,577	1,759,851	1,876,459	2,125,147	2,520,678	79,313	84,121	92,943	100,321	116,586	126,509
Personal services	107,010	110,272	132,946	136,750	144,363	163,656	84,955	94,663	121,473	141,697	156,265	177,752
Private households	22,926	25,995	26,701	27,279	28,454	30,027	23,212	26,210	26,757	27,313	28,149	29,115
Business services	503,299	590,083	641,217	695,809	749,481	847,852	285,672	353,988	451,395	541,509	603,975	706,378
Auto repair, services, and garages	86,239	98,214	107,131	121,977	134,512	152,747	85,104	99,960	120,941	140,577	151,859	174,645
Miscellaneous repair services	36,158	44,170	41,459	46,632	50,100	59,394	26,474	32,374	32,550	41,040	43,480	51,157
Amusement and recreation services	817,885	717,542	557,975	581,032	609,522	527,436	38,687	46,992	52,917	62,206	72,896	82,140
Motion pictures	4,564	6,796	7,856	8,263	16,358	12,621	3,176	3,881	4,647	4,879	5,799	6,576
Health services	472,223	505,622	567,494	676,380	800,554	893,505	522,155	572,976	638,163	720,504	847,941	986,972
Legal services	109,688	127,132	143,394	161,602	193,359	213,681	90,624	108,798	124,818	151,651	175,704	200,784
Educational services	12,019	14,430	16,625	18,427	21,583	25,676	141,511	154,796	170,508	188,972	205,444	224,470
Social services	29,834	28,930	31,342	33,454	38,217	41,869	50,007	61,276	72,286	85,470	99,815	116,321
Museums, botanical, zoological gardens	168	158	176	232	723	1,197	1,358	1,660	1,760	2,135	2,166	2,576
Membership organizations	79,303	88,403	93,177	101,998	114,193	130,040	52,406	59,371	63,954	66,945	73,218	84,522
Miscellaneous services	208,594	229,877	243,685	274,182	290,430	329,321	130,881	153,566	184,532	244,093	286,609	325,795
Government and government enterprises	1,452,836	1,506,063	1,610,605	1,690,252	1,841,624	1,989,091	988,087	1,063,089	1,159,146	1,262,708	1,411,033	1,546,131
Federal, civilian	248,884	271,741	286,346	295,902	328,188	354,182	177,368	188,245	201,284	206,390	229,150	251,010
Military	224,862	217,307	217,203	221,421	231,711	224,592	90,430	97,528	106,097	112,189	115,151	113,274
State and local	979,090	1,017,015	1,107,056	1,172,929	1,281,725	1,410,317	720,289	777,316	851,765	944,129	1,066,732	1,181,847

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	New Jersey						New Mexico					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**112,509,691**	**123,602,112**	**133,333,392**	**143,110,319**	**156,129,936**	**170,913,787**	**13,795,513**	**14,978,694**	**16,238,244**	**16,889,851**	**17,789,267**	**18,827,063**
Nonfarm personal income	112,271,648	123,353,535	133,063,690	142,842,239	155,801,354	170,575,210	13,644,860	14,807,044	15,995,910	16,631,399	17,501,278	18,540,518
Farm income[1]	238,043	248,577	269,702	268,080	328,582	338,577	150,653	171,650	242,334	258,452	287,989	286,545
Population (thousands)[2]	7,463.9	7,511.3	7,561.0	7,625.3	7,674.4	7,721.1	1,402.5	1,427.2	1,451.3	1,477.4	1,496.1	1,507.0
Per capita personal income (dollars)	**15,074**	**16,455**	**17,634**	**18,768**	**20,344**	**22,136**	**9,837**	**10,495**	**11,188**	**11,432**	**11,891**	**12,493**
Derivation of total personal income:												
Total earnings by place of work	73,074,018	80,834,163	87,750,982	95,142,565	104,707,209	114,835,364	10,068,861	10,937,665	11,745,414	12,108,123	12,666,969	13,306,580
Less: Personal contributions for social insurance[3]	4,449,036	4,967,495	5,639,322	6,520,327	7,147,411	8,159,184	645,015	653,370	725,017	782,697	810,313	890,465
Plus: Adjustment for residence	9,770,313	10,396,926	11,567,422	12,824,724	13,830,395	15,501,846	880	3,318	3,753	8,142	17,088	17,145
Equals: Net earnings by place of residence	78,395,295	86,263,594	93,679,082	101,446,962	111,390,193	122,178,026	9,424,726	10,287,613	11,024,150	11,333,568	11,873,744	12,433,260
Plus: Dividends, interest, and rent[5]	19,696,450	22,481,111	24,059,511	25,171,327	27,396,385	30,213,303	2,118,089	2,341,417	2,650,758	2,792,274	2,953,387	3,203,207
Plus: Transfer payments	14,417,946	14,857,407	15,594,799	16,492,030	17,343,358	18,522,458	2,252,698	2,349,664	2,563,336	2,764,009	2,962,136	3,190,596
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	60,689,852	67,321,315	72,954,220	79,252,259	87,182,278	95,815,411	8,363,429	9,049,223	9,670,536	9,933,441	10,349,392	10,863,416
Other labor income	6,530,052	6,843,096	7,003,521	7,490,954	8,133,779	8,821,088	802,164	850,392	879,498	894,910	913,842	984,701
Proprietors' income[6]	5,854,114	6,669,752	7,793,241	8,399,352	9,391,152	10,198,865	903,268	1,038,050	1,195,380	1,279,772	1,403,735	1,458,463
Farm	167,851	180,314	203,207	203,223	260,995	271,397	86,345	108,312	180,523	197,944	225,005	224,144
Nonfarm	5,686,263	6,489,438	7,590,034	8,196,129	9,130,157	9,927,468	816,923	929,738	1,014,857	1,081,828	1,178,730	1,234,319
Earnings by industry:												
Farm	238,043	248,577	269,702	268,080	328,582	338,577	150,653	171,650	242,334	258,452	287,989	286,545
Nonfarm	72,835,975	80,585,586	87,481,280	94,874,485	104,378,627	114,496,787	9,918,208	10,766,015	11,503,080	11,849,671	12,378,980	13,020,035
Private	62,348,647	69,288,670	75,392,157	81,992,869	90,416,967	99,302,461	7,182,719	7,863,738	8,395,077	8,618,425	8,946,031	9,463,887
Agricultural services, forestry, fisheries, and other[7]	249,556	266,446	312,947	348,966	460,294	511,346	43,842	45,714	46,521	46,690	58,658	64,907
Agricultural services	230,047	252,683	284,480	310,460	423,007	470,134	40,473	42,329	43,649	44,138	56,828	62,827
Forestry, fisheries, and other[7]	19,509	13,763	28,467	38,506	37,287	41,212	3,369	3,385	2,872	2,552	1,830	2,080
Mining	220,185	246,198	332,682	151,294	159,813	165,107	658,781	696,513	703,160	558,530	507,396	524,728
Coal mining	(D)	847	(D)	(D)	(D)	(D)	85,601	(D)	(D)	(D)	99,840	98,471
Oil and gas extraction	167,092	186,112	269,849	79,110	75,723	72,048	371,064	(D)	412,679	(D)	267,588	282,969
Metal mining	(D)	3,504	(D)	(D)	(D)	(D)	130,796	130,973	116,084	83,731	79,834	75,928
Nonmetallic minerals, except fuels	48,570	55,735	59,560	69,110	79,669	88,870	71,320	75,422	(D)	59,143	60,134	67,360
Construction	3,835,455	4,733,289	5,392,216	6,122,348	7,015,932	7,778,126	834,804	924,817	942,741	931,377	894,090	896,619
Manufacturing	18,752,048	19,991,413	20,608,516	21,288,485	22,111,226	23,502,317	703,366	779,939	849,511	888,205	922,005	1,010,712
Nondurable goods	9,819,408	10,454,626	10,946,109	11,372,563	11;884,008	12,866,146	227,046	238,845	251,948	257,678	254,883	261,775
Food and kindred products	1,324,099	1,386,454	1,476,038	1,593,483	1,650,139	1,751,734	67,087	70,159	72,751	76,046	75,948	74,554
Textile mill products	329,157	325,444	336,628	333,925	357,542	377,249	(D)	15,540	16,064	17,959	16,772	16,114
Apparel and other textile products	712,938	728,412	718,553	741,014	747,745	783,715	(D)	19,567	19,301	20,193	22,706	24,188
Paper and allied products	843,121	893,263	897,018	871,923	882,929	945,619	2,403	2,819	2,447	2,424	2,631	3,781
Printing and publishing	1,262,202	1,450,967	1,639,695	1,727,818	1,868,858	2,028,852	57,771	62,036	68,587	70,386	73,351	75,902
Chemicals and allied products	3,927,640	4,180,825	4,399,633	4,614,314	4,850,452	5,412,974	16,733	21,703	19,323	17,460	17,059	17,001
Petroleum and coal products	555,580	536,896	528,091	536,639	545,031	551,743	41,534	40,002	45,811	43,427	34,916	37,210
Tobacco manufactures	5,421	13,247	11,750	10,629	10,370	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	779,739	861,208	860,174	867,142	895,751	923,816	2,386	2,204	3,343	4,791	6,127	7,508
Leather and leather products	79,511	77,910	78,529	75,676	75,191	(D)	4,813	4,806	4,317	4,985	5,364	5,512
Durable goods	8,932,640	9,536,787	9,662,407	9,915,922	10,227,218	10,636,171	476,320	541,094	597,563	630,527	667,122	748,937
Lumber and wood products	113,406	134,295	154,509	173,279	196,686	193,966	42,968	47,980	49,551	53,498	52,754	51,860
Furniture and fixtures	190,893	242,142	259,848	274,452	267,115	255,708	5,307	6,121	7,358	6,679	9,492	10,215
Primary metal industries	613,365	663,596	637,962	659,774	665,948	697,565	37,908	43,474	37,989	41,578	40,510	51,817
Fabricated metal products	1,294,823	1,343,802	1,395,687	1,433,686	1,407,445	1,426,276	21,138	23,760	28,288	26,437	25,266	22,260
Machinery, except electrical	1,722,647	1,713,630	1,783,751	1,810,942	1,821,543	2,036,507	61,408	65,826	67,758	64,222	62,110	81,921
Electric and electronic equipment	2,446,473	2,723,834	2,703,288	2,786,506	2,884,047	2,863,172	109,572	151,020	173,279	120,023	132,428	162,170
Transportation equip. excl. motor vehicles	130,114	149,598	161,608	160,465	188,434	213,809	79,279	74,920	92,796	106,889	114,934	119,021
Motor vehicles and equipment	321,580	392,468	353,412	296,708	370,195	370,079	25,295	26,460	33,240	29,251	34,729	51,148
Stone, clay, and glass products	648,576	677,998	683,585	716,502	739,032	759,488	48,284	56,374	60,881	58,664	55,135	52,836
Instruments and related products	990,680	987,775	1,039,485	1,107,021	1,158,575	1,233,556	25,327	25,480	28,749	101,915	113,651	112,359
Miscellaneous manufacturing industries	460,083	507,649	489,272	496,587	528,198	586,045	19,834	19,679	17,674	21,371	26,113	33,330
Transportation and public utilities	6,195,525	6,985,602	7,427,647	8,005,268	8,577,476	9,125,539	866,587	927,947	959,357	973,939	1,010,555	1,033,252
Railroad transportation	93,940	95,158	90,637	97,815	(D)	(D)	88,456	104,627	98,666	95,191	95,054	91,806
Trucking and warehousing	1,617,426	1,839,911	1,932,333	2,080,764	2,304,913	2,488,316	171,905	197,545	203,460	200,479	209,616	232,230
Water transportation	501,687	602,875	614,065	649,258	573,528	544,074	(L)	(L)	204	247	284	282
Other transportation[8]	905,235	1,045,017	1,164,063	1,277,045	(D)	(D)	76,144	80,270	83,088	87,592	94,822	101,810
Communication	2,132,099	2,335,112	2,478,695	2,706,647	2,983,180	3,168,541	215,220	212,217	214,770	210,816	224,388	222,198
Electric, gas, and sanitary services	945,138	1,067,529	1,147,854	1,193,739	1,198,705	1,294,260	314,830	333,243	359,169	379,614	386,391	384,926
Wholesale trade	6,045,208	7,023,194	7,559,857	8,210,760	9,194,024	10,340,573	445,578	487,037	525,887	520,113	547,836	582,059
Retail trade	6,822,613	7,381,141	8,077,361	8,905,773	9,758,499	10,559,442	1,100,158	1,183,150	1,257,142	1,306,959	1,355,412	1,425,023
Finance, insurance, and real estate	3,985,713	4,356,628	4,962,222	5,910,723	7,147,168	8,121,674	420,752	467,122	513,275	554,798	586,231	593,180
Banking and credit agencies	1,195,299	1,327,034	1,500,281	1,789,694	2,061,228	2,291,143	196,991	217,094	239,061	252,849	260,192	263,366
Other finance, insurance, and real estate[9]	2,790,414	3,029,594	3,461,941	4,121,029	5,085,940	5,830,531	223,761	250,028	274,214	301,949	326,039	329,814
Services	16,242,344	18,304,759	20,718,709	23,049,252	25,992,535	29,198,337	2,108,851	2,351,499	2,597,483	2,837,814	3,063,848	3,333,407
Hotels and other lodging places	1,060,436	1,192,780	1,332,590	1,415,745	1,570,397	1,716,604	101,100	106,574	107,967	113,581	121,644	125,696
Personal services	582,638	630,458	771,656	844,286	912,521	998,166	93,014	99,118	122,296	128,706	134,538	141,752
Private households	195,835	218,195	219,699	219,878	221,722	224,410	40,329	45,428	46,197	46,741	47,376	48,097
Business services	4,949,003	5,718,164	6,794,662	7,567,006	8,543,763	9,624,241	621,932	701,974	797,620	869,473	929,506	1,031,254
Auto repair, services, and garages	545,829	646,924	728,148	810,042	884,683	1,021,477	97,441	112,009	126,287	129,712	136,184	145,488
Miscellaneous repair services	301,238	379,768	386,375	437,940	478,869	516,573	42,477	45,733	45,831	47,818	46,773	51,494
Amusement and recreation services	290,725	338,701	405,531	451,479	506,321	568,906	39,812	44,181	48,457	54,718	60,126	63,644
Motion pictures	49,847	60,433	68,787	76,134	79,155	111,244	11,119	11,537	11,537	16,864	9,718	9,718
Health services	4,458,902	4,858,658	5,328,961	5,898,444	6,808,815	7,723,177	549,603	595,535	648,787	710,369	794,448	862,764
Legal services	986,533	1,167,567	1,310,660	1,492,233	1,717,865	1,968,760	120,180	143,723	165,047	180,112	198,671	220,593
Educational services	572,584	626,649	674,254	730,517	793,471	855,933	42,307	44,640	47,067	47,669	51,255	57,487
Social services	295,611	329,817	384,894	440,070	485,749	564,686	50,613	57,503	61,068	62,463	67,499	79,550
Museums, botanical, zoological gardens	4,132	4,373	4,763	5,453	5,618	6,984	701	774	978	1,206	1,398	1,574
Membership organizations	524,066	572,640	609,297	670,620	731,722	809,626	107,079	118,586	123,831	136,139	145,174	159,882
Miscellaneous services	1,424,965	1,559,632	1,698,432	1,989,405	2,251,864	2,487,550	191,144	224,184	244,513	292,243	319,538	334,414
Government and government enterprises	10,487,328	11,296,916	12,089,123	12,881,616	13,961,660	15,194,326	2,735,489	2,902,277	3,108,003	3,231,246	3,432,949	3,556,148
Federal, civilian	2,122,643	2,255,896	2,322,327	2,303,225	2,402,489	2,543,274	684,080	715,797	757,918	761,280	802,249	850,884
Military	504,695	543,558	550,862	582,110	582,286	583,950	347,901	368,087	392,747	408,965	421,813	411,206
State and local	7,859,990	8,497,462	9,215,934	9,996,281	10,976,885	12,067,102	1,703,508	1,818,393	1,957,338	2,061,001	2,208,887	2,294,058

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	New York						North Carolina					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**239,979,106**	**263,536,530**	**280,266,119**	**297,901,426**	**319,675,647**	**344,946,773**	**60,722,240**	**67,850,775**	**72,986,599**	**78,788,266**	**85,430,686**	**92,752,868**
Nonfarm personal income	239,567,694	262,980,247	279,694,930	297,251,799	318,939,842	344,277,622	59,965,857	66,341,331	71,760,321	77,467,242	83,984,371	90,998,460
Farm income[1]	411,412	556,283	571,189	649,627	735,805	669,151	756,383	1,509,444	1,226,278	1,321,024	1,446,315	1,754,408
Population (thousands)[2]	17,660.3	17,713.1	17,746.3	17,805.1	17,835.6	17,909.4	6,079.8	6,169.0	6,260.7	6,325.0	6,407.5	6,487.4
Per capita personal income (dollars)	**13,589**	**14,878**	**15,793**	**16,731**	**17,923**	**19,261**	**9,988**	**10,999**	**11,658**	**12,457**	**13,333**	**14,297**
Derivation of total personal income:												
Total earnings by place of work	178,023,818	194,740,278	210,475,590	227,288,764	245,887,594	266,338,755	46,090,236	52,104,714	56,116,874	60,919,111	66,622,849	72,426,929
Less: Personal contributions for social insurance[3]	11,353,477	12,511,953	14,142,992	15,895,283	17,094,801	19,342,910	2,718,058	3,039,471	3,451,122	3,762,131	4,092,646	4,637,133
Plus: Adjustment for residence	−11,581,789	−12,462,241	−13,783,469	−14,956,454	−15,985,108	−17,654,756	−15,941	−37,000	−117,695	−180,722	−261,069	−317,479
Equals: Net earnings by place of residence	155,088,552	169,766,084	182,549,129	196,437,027	212,807,685	229,341,089	43,356,237	49,028,243	52,548,057	56,976,258	62,269,134	67,472,317
Plus: Dividends, interest, and rent[5]	43,082,362	49,209,568	51,160,225	52,615,212	55,668,568	60,984,105	8,064,804	9,200,541	10,089,971	10,738,676	11,509,766	12,701,419
Plus: Transfer payments	41,808,192	44,560,878	46,556,765	48,849,187	51,199,394	54,621,579	9,301,199	9,621,991	10,348,571	11,073,332	11,651,786	12,579,132
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	148,307,365	161,976,271	174,869,926	188,973,076	204,507,577	222,144,075	38,137,821	42,568,107	46,184,364	49,844,937	54,473,473	59,083,996
Other labor income	14,559,185	15,159,054	15,491,683	16,483,658	17,319,626	18,524,927	3,770,154	3,995,871	4,114,991	4,479,543	4,861,876	5,271,450
Proprietors' income[6]	15,157,268	17,604,953	20,113,981	21,832,030	24,060,391	25,669,753	4,182,261	5,540,736	5,817,519	6,594,631	7,287,500	8,071,483
Farm	160,363	310,616	326,792	407,128	480,266	412,295	517,776	1,275,295	993,904	1,090,553	1,202,340	1,508,247
Nonfarm	14,996,905	17,294,337	19,787,189	21,424,902	23,580,125	25,257,458	3,664,485	4,265,441	4,823,615	5,504,078	6,085,160	6,563,236
Earnings by industry:												
Farm	411,412	556,283	571,189	649,627	735,805	669,151	756,383	1,509,444	1,226,278	1,321,024	1,446,315	1,754,408
Nonfarm	177,612,406	194,183,995	209,904,401	226,639,137	245,151,789	265,669,604	45,333,853	50,595,270	54,890,596	59,598,087	65,176,534	70,672,521
Private	151,046,077	165,300,248	179,009,451	193,071,925	208,760,976	226,152,994	37,335,990	41,931,519	45,428,794	49,428,125	54,250,832	58,928,116
Agricultural services, forestry, fisheries, and other[7]	548,956	568,753	624,756	678,920	816,150	912,862	210,417	209,560	254,550	268,404	373,227	426,016
Agricultural services	390,396	409,136	443,239	478,257	605,199	688,040	168,311	181,651	204,807	215,249	322,931	368,803
Forestry, fisheries, and other[7]	158,560	159,617	181,517	200,663	210,951	224,822	42,106	27,909	49,743	53,155	50,296	57,213
Mining	679,437	705,406	881,398	443,815	429,964	457,174	166,864	188,749	237,190	156,233	165,425	174,074
Coal mining	5,644	8,889	5,883	6,665	3,223	3,238	533	795	485	469	262	239
Oil and gas extraction	523,718	543,746	726,590	286,255	257,149	272,634	69,003	76,215	117,758	33,038	26,289	25,688
Metal mining	50,877	39,498	30,467	25,478	39,043	37,380	(L)	207	531	378	854	1,143
Nonmetallic minerals, except fuels	99,198	113,273	118,458	125,417	130,549	143,922	97,350	111,532	118,416	122,348	138,020	147,004
Construction	7,581,309	8,808,289	10,174,457	11,703,822	12,811,449	13,793,080	2,581,077	3,214,997	3,780,204	4,248,649	4,610,003	4,953,320
Manufacturing	34,897,168	37,096,793	38,304,791	38,841,182	39,201,539	41,606,949	14,642,800	16,044,402	16,613,736	17,885,061	19,161,609	20,421,039
Nondurable goods	14,701,238	15,416,787	15,757,921	15,929,083	16,539,309	17,836,783	8,699,285	9,049,243	9,210,205	10,089,995	10,922,337	11,560,761
Food and kindred products	2,137,160	2,242,110	2,320,544	2,343,010	2,397,328	2,496,414	786,783	807,761	857,664	323,121	1,002,886	1,099,044
Textile mill products	578,494	597,506	603,603	600,977	616,868	596,519	3,488,950	3,510,812	3,394,486	3,744,703	4,105,559	4,249,734
Apparel and other textile products	2,443,054	2,553,131	2,520,183	2,507,913	2,561,252	2,717,006	958,440	1,041,178	993,928	1,046,244	1,074,204	1,099,766
Paper and allied products	1,129,250	1,258,346	1,239,644	1,237,537	1,317,741	1,350,275	592,754	599,901	648,342	685,456	729,401	774,539
Printing and publishing	4,162,398	4,477,180	4,767,551	5,031,261	5,488,144	6,105,434	406,269	458,665	518,190	568,502	609,086	668,281
Chemicals and allied products	2,081,149	2,219,506	2,308,517	2,358,412	2,396,791	2,657,445	954,659	1,035,370	1,108,337	1,320,801	1,404,209	1,504,756
Petroleum and coal products	1,092,553	959,491	897,933	733,547	609,356	625,092	18,919	19,768	21,025	23,321	24,347	26,939
Tobacco manufactures	133,263	131,786	131,514	112,183	77,332	94,955	860,136	843,059	913,441	983,743	1,090,016	1,190,906
Rubber and misc. plastic products	599,598	650,218	675,054	721,024	795,054	900,682	568,155	676,122	701,107	739,000	826,595	883,282
Leather and leather products	344,319	327,513	293,378	283,219	279,443	292,961	64,220	56,607	53,685	55,104	56,034	63,514
Durable goods	20,195,930	21,680,006	22,546,870	22,912,099	22,662,230	23,770,166	5,943,515	6,995,159	7,403,531	7,795,066	8,239,272	8,860,278
Lumber and wood products	244,311	276,602	294,684	321,008	360,990	401,320	552,051	628,441	655,266	761,867	795,074	809,941
Furniture and fixtures	364,418	396,456	428,148	464,338	502,083	525,799	1,191,264	1,331,759	1,356,878	1,454,197	1,601,674	1,675,210
Primary metal industries	1,141,400	1,133,916	1,002,855	972,394	902,322	929,443	235,962	299,267	278,228	305,438	309,078	351,988
Fabricated metal products	1,635,642	1,788,867	1,859,432	1,861,898	1,883,596	1,987,795	490,406	608,328	619,849	651,378	653,994	709,333
Machinery, except electrical	4,777,718	5,161,116	5,304,328	5,281,221	4,986,599	5,363,951	1,286,014	1,495,272	1,619,284	1,681,608	1,772,781	1,937,129
Electric and electronic equipment	3,982,128	4,381,196	4,504,596	4,640,536	4,740,615	4,858,295	1,147,635	1,385,521	1,524,552	1,497,414	1,527,181	1,628,969
Transportation equip. excl. motor vehicles	1,240,826	1,333,218	1,442,435	1,496,436	1,507,917	1,440,909	70,670	87,193	96,951	103,334	125,646	150,022
Motor vehicles and equipment	992,538	1,197,581	1,410,764	1,389,127	1,283,406	1,289,818	341,719	415,737	463,117	495,682	535,838	599,022
Stone, clay, and glass products	897,682	935,297	923,616	986,198	1,027,635	1,094,394	332,351	408,680	437,622	472,470	503,886	548,147
Instruments and related products	3,945,868	4,006,603	4,346,122	4,446,893	4,364,119	4,699,275	213,689	234,663	244,339	252,699	284,380	311,070
Miscellaneous manufacturing industries	973,399	1,069,154	1,029,890	1,052,050	1,102,948	1,179,167	81,754	100,298	107,445	118,979	129,740	139,447
Transportation and public utilities	13,646,442	14,628,585	15,131,661	15,216,605	15,952,813	16,686,798	3,285,659	3,592,515	3,849,376	4,193,487	4,604,535	4,945,906
Railroad transportation	575,295	614,072	634,000	618,461	643,276	602,700	207,538	210,788	209,548	193,256	175,485	176,766
Trucking and warehousing	1,744,823	1,972,007	2,005,541	2,151,521	2,336,617	2,504,035	1,166,792	1,346,833	1,379,611	1,451,704	1,597,227	1,709,089
Water transportation	656,106	577,683	571,364	516,946	479,293	445,092	21,750	22,252	28,567	26,697	26,529	29,125
Other transportation[8]	3,619,787	3,860,482	4,007,151	4,151,922	4,374,673	4,655,412	342,452	393,026	470,583	556,312	688,568	827,305
Communication	5,040,237	5,352,299	5,502,488	5,272,603	5,515,306	5,753,855	788,077	793,817	820,773	871,039	968,406	998,474
Electric, gas, and sanitary services	2,010,194	2,252,042	2,411,117	2,505,152	2,603,648	2,725,704	759,050	825,799	940,294	1,094,479	1,148,320	1,205,147
Wholesale trade	13,038,089	14,290,458	15,399,788	16,058,621	17,177,656	18,697,652	2,638,183	3,074,624	3,455,508	3,666,530	4,104,012	4,500,828
Retail trade	13,864,721	15,032,868	16,179,942	17,541,785	18,701,570	19,961,402	4,781,420	5,302,176	5,754,806	6,185,433	6,661,846	7,259,108
Finance, insurance, and real estate	22,052,534	23,824,243	26,420,025	30,765,380	35,784,912	39,243,741	1,981,065	2,139,914	2,358,253	2,722,017	3,179,032	3,434,836
Banking and credit agencies	7,222,798	7,803,274	8,165,189	9,236,446	10,064,574	11,306,379	835,336	895,463	987,569	1,118,999	1,282,690	1,386,959
Other finance, insurance, and real estate[9]	14,829,736	16,020,969	18,254,836	21,528,934	25,720,338	27,937,362	1,145,729	1,244,451	1,370,684	1,603,018	1,896,342	2,047,877
Services	44,737,421	50,344,853	55,892,633	61,821,795	67,884,923	74,793,336	7,048,505	8,164,582	9,125,171	10,102,311	11,391,143	12,812,989
Hotels and other lodging places	1,037,452	1,084,961	1,161,670	1,231,296	1,406,152	1,512,979	218,510	245,439	263,416	285,894	312,662	344,435
Personal services	1,359,056	1,452,363	1,740,465	1,881,876	1,997,958	2,195,208	459,182	500,511	619,875	680,004	756,694	815,215
Private households	820,368	912,090	913,995	909,272	912,166	921,354	317,687	357,259	362,626	364,418	369,641	376,720
Business services	9,678,793	11,205,834	12,788,305	14,222,220	15,537,525	17,147,406	1,099,755	1,387,960	1,693,802	1,953,186	2,253,220	2,554,942
Auto repair, services, and garages	1,028,436	1,189,965	1,336,415	1,441,647	1,597,254	1,691,600	361,277	436,241	496,698	537,613	597,521	663,883
Miscellaneous repair services	594,777	665,259	672,901	716,600	743,522	861,122	206,672	254,985	238,102	268,660	295,368	348,512
Amusement and recreation services	1,178,790	1,330,117	1,531,861	1,758,342	2,001,178	2,299,589	126,161	145,321	166,755	193,683	225,157	246,207
Motion pictures	710,181	961,091	1,112,364	1,126,739	1,195,549	1,211,555	22,306	34,822	35,999	45,117	43,502	32,869
Health services	12,161,513	13,215,705	14,476,328	15,589,009	17,544,020	19,246,052	2,159,684	2,378,579	2,593,307	2,864,878	3,345,041	3,853,988
Legal services	4,895,092	5,834,232	6,427,269	7,403,711	8,109,127	9,171,117	368,984	458,067	514,246	594,138	658,218	742,791
Educational services	2,920,707	3,206,163	3,505,526	3,820,271	4,141,113	4,534,316	505,892	556,597	604,807	657,628	726,889	802,789
Social services	1,805,717	2,014,882	2,254,288	2,590,923	2,857,573	3,180,993	190,460	213,513	239,581	270,628	307,509	355,947
Museums, botanical, zoological gardens	124,402	135,147	150,017	168,956	183,354	208,790	3,478	4,195	4,906	5,550	6,125	7,106
Membership organizations	1,715,768	1,807,414	1,907,722	1,955,388	2,086,983	2,269,255	343,645	347,162	341,955	352,111	366,119	391,260
Miscellaneous services	4,706,369	5,329,630	5,913,507	7,005,545	7,571,449	8,342,000	664,812	843,931	949,096	1,028,803	1,127,477	1,276,325
Government and government enterprises	26,566,329	28,883,747	30,894,950	33,567,212	36,390,813	39,516,610	7,997,863	8,663,751	9,461,802	10,169,962	10,925,702	11,744,405
Federal, civilian	3,926,780	4,231,379	4,432,245	4,437,297	4,660,699	5,046,164	1,155,021	1,228,236	1,321,702	1,352,484	1,419,260	1,594,108
Military	630,733	672,371	725,380	771,589	856,090	926,523	1,707,941	1,822,299	1,919,781	1,960,693	2,038,264	2,042,746
State and local	22,008,816	23,979,997	25,737,325	28,358,326	30,874,024	33,543,923	5,134,901	5,613,216	6,220,319	6,856,785	7,468,178	8,107,551

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	North Dakota						Ohio					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,360,558**	**7,930,244**	**8,182,182**	**8,386,307**	**8,615,099**	**8,515,721**	**123,971,565**	**134,761,491**	**141,971,547**	**148,974,900**	**157,691,848**	**168,734,636**
Nonfarm personal income	7,069,546	7,292,768	7,469,339	7,607,547	7,843,350	8,135,960	123,820,041	133,759,351	141,002,201	148,109,409	156,787,173	167,965,718
Farm income[1]	291,012	637,476	712,843	778,760	771,749	379,761	151,524	1,002,140	969,346	865,491	904,675	768,918
Population (thousands)[2]	681.4	686.8	684.9	678.5	671.4	667.0	10,741.5	10,744.0	10,747.4	10,778.1	10,815.5	10,854.5
Per capita personal income (dollars)	**10,802**	**11,547**	**11,946**	**12,361**	**12,831**	**12,767**	**11,541**	**12,543**	**13,210**	**13,822**	**14,580**	**15,545**
Derivation of total personal income:												
Total earnings by place of work	5,082,020	5,588,244	5,733,069	5,858,791	6,054,615	5,861,756	88,740,276	98,006,543	103,671,094	108,813,913	115,367,007	123,591,182
Less: Personal contributions for social insurance[3]	300,448	315,558	339,489	369,806	387,382	426,412	5,815,467	6,417,100	7,135,551	7,634,160	8,033,037	8,972,889
Plus: Adjustment for residence	−171,435	−172,369	−168,937	−168,939	−177,660	−190,550	−542,421	−711,512	−844,002	−862,855	−834,346	−839,298
Equals: Net earnings by place of residence	4,610,137	5,100,317	5,224,643	5,320,046	5,489,573	5,244,794	82,382,388	90,877,931	95,691,541	100,316,898	106,499,624	113,778,995
Plus: Dividends, interest, and rent[5]	1,640,556	1,658,708	1,699,206	1,692,167	1,670,147	1,780,647	20,141,818	21,825,963	22,775,103	23,573,279	24,803,367	27,067,718
Plus: Transfer payments	1,109,865	1,171,219	1,258,333	1,374,094	1,455,379	1,490,280	21,447,359	22,057,597	23,504,903	25,084,723	26,388,857	27,887,923
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,972,318	4,077,144	4,149,651	4,158,815	4,313,692	4,471,809	74,069,072	81,200,856	86,344,829	90,356,571	95,767,397	102,958,784
Other labor income	343,832	340,699	332,286	329,085	339,286	354,025	8,251,305	8,702,150	8,747,754	9,161,297	9,511,696	10,081,364
Proprietors' income[6]	765,870	1,170,401	1,251,132	1,370,891	1,401,637	1,035,922	6,419,899	8,103,537	8,578,511	9,296,045	10,087,914	10,551,034
Farm	220,602	568,541	643,524	709,269	697,127	303,858	−23,091	830,174	800,804	699,931	732,601	598,832
Nonfarm	545,268	601,860	607,608	661,622	704,510	732,064	6,442,990	7,273,363	7,777,707	8,596,114	9,355,313	9,952,202
Earnings by industry:												
Farm	291,012	637,476	712,843	778,760	771,749	379,761	151,524	1,002,140	969,346	865,491	904,675	768,918
Nonfarm	4,791,008	4,950,768	5,020,226	5,080,031	5,282,866	5,481,995	88,588,752	97,004,403	102,701,748	107,948,422	114,462,332	122,822,264
Private	3,753,612	3,858,985	3,852,025	3,872,966	4,030,720	4,198,055	76,902,493	84,546,701	89,423,901	94,015,284	99,611,629	106,752,239
Agricultural services, forestry, fisheries, and other[7]	34,461	32,539	29,886	27,523	41,924	46,070	304,944	316,937	318,262	329,116	429,234	475,522
Agricultural services	33,679	32,026	28,999	27,019	41,200	45,303	285,221	300,822	311,507	326,057	425,312	471,601
Forestry, fisheries, and other[7]	782	513	887	504	724	767	19,723	16,115	6,755	3,059	3,922	3,921
Mining	203,393	224,952	216,987	153,681	134,858	140,768	1,045,417	1,139,002	1,159,445	914,354	852,491	772,915
Coal mining	51,609	56,654	63,985	56,960	52,639	54,053	463,639	520,203	489,167	469,274	(D)	363,619
Oil and gas extraction	142,213	157,506	143,695	86,173	71,737	76,735	483,687	508,213	558,138	313,760	(D)	261,609
Metal mining	(L)	−85	−207	−82	(D)	153	325	−1,580	−1,098	−178	9,968	7,954
Nonmetallic minerals, except fuels	9,597	10,877	9,514	10,630	(D)	9,827	97,766	112,166	113,238	131,498	133,094	139,733
Construction	546,444	431,692	358,608	343,699	359,085	346,683	4,258,758	4,821,655	5,045,621	5,368,441	6,021,493	6,529,059
Manufacturing	297,984	320,160	330,768	335,247	351,271	373,844	30,147,359	33,425,887	34,768,926	35,343,752	35,838,554	38,005,277
Nondurable goods	163,976	172,776	179,934	186,430	188,562	187,314	8,930,344	9,607,068	9,950,938	10,422,201	10,841,749	11,430,940
Food and kindred products	85,289	86,525	91,328	92,727	95,249	98,252	1,575,599	1,610,040	1,641,268	1,728,432	1,772,940	1,876,652
Textile mill products	5,829	8,100	8,643	9,107	8,641	10,255	91,647	96,538	98,030	107,678	106,703	111,326
Apparel and other textile products	2,610	3,246	3,171	3,304	4,227	5,299	237,687	265,057	267,882	269,047	261,028	269,543
Paper and allied products	1,397	1,289	1,331	(D)	1,416	1,378	939,537	1,045,612	1,096,630	1,153,233	1,189,605	1,259,893
Printing and publishing	35,098	37,379	39,220	40,141	39,763	41,057	1,385,508	1,493,448	1,593,267	1,698,673	1,807,109	1,948,419
Chemicals and allied products	3,004	2,794	2,892	3,139	3,889	5,612	2,013,368	2,084,936	2,178,040	2,300,325	2,425,833	2,627,438
Petroleum and coal products	16,274	16,395	16,150	16,807	15,994	16,617	413,927	431,085	467,365	463,686	492,072	486,950
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	2,271	2,208	2,194	2,170	2,226	2,289
Rubber and misc. plastic products	14,457	17,046	17,194	19,699	19,298	8,733	2,184,765	2,496,167	2,533,381	2,627,865	2,712,686	2,759,166
Leather and leather products	(L)	0	(L)	(D)	81	109	86,035	81,977	72,881	71,092	71,547	89,264
Durable goods	134,008	147,384	150,834	148,817	162,709	186,530	21,217,015	23,818,819	24,817,988	24,921,551	24,996,805	26,574,337
Lumber and wood products	5,867	5,700	5,272	5,922	6,901	7,356	265,972	291,953	329,707	379,434	432,338	482,202
Furniture and fixtures	4,975	4,783	5,293	5,877	6,278	7,619	271,638	320,074	319,098	336,053	349,293	381,445
Primary metal industries	222	1,001	(L)	(L)	(L)	−61	3,588,017	3,991,348	3,828,762	3,643,007	3,749,510	4,157,027
Fabricated metal products	13,134	15,452	15,523	16,335	20,134	19,066	3,616,868	3,981,631	4,189,831	4,225,661	4,163,809	4,383,193
Machinery, except electrical	63,074	69,386	67,796	62,130	66,339	71,579	4,175,117	4,808,872	4,959,168	4,895,913	4,905,061	5,359,787
Electric and electronic equipment	2,576	3,246	4,610	5,917	7,085	20,812	2,288,060	2,440,633	2,508,581	2,548,134	2,548,470	2,557,100
Transportation equip. excl. motor vehicles	11,902	12,537	13,934	15,720	15,415	17,020	1,562,841	1,734,217	1,987,113	2,210,817	2,173,840	1,955,450
Motor vehicles and equipment	7,966	10,290	13,101	11,352	14,491	16,470	3,332,451	3,904,782	4,280,718	4,231,758	4,187,754	4,672,623
Stone, clay, and glass products	16,957	16,947	17,073	15,922	15,341	15,581	1,402,379	1,485,417	1,523,895	1,536,865	1,518,353	1,565,097
Instruments and related products	937	904	791	1,317	1,827	2,020	443,168	555,923	580,049	596,704	620,186	687,973
Miscellaneous manufacturing industries	6,398	7,138	7,483	8,296	8,909	9,068	270,504	303,969	311,066	317,205	348,191	372,440
Transportation and public utilities	492,959	538,365	537,366	566,176	576,235	588,795	5,984,627	6,437,601	6,486,340	6,788,275	7,045,266	7,360,532
Railroad transportation	81,160	86,926	83,415	83,494	87,506	82,354	589,272	624,984	621,198	613,891	567,378	559,365
Trucking and warehousing	133,231	148,560	138,779	140,675	150,882	156,353	1,930,980	2,180,736	2,151,411	2,202,491	2,342,949	2,495,051
Water transportation	93	131	147	216	121	108	95,019	106,716	105,703	105,574	106,890	113,764
Other transportation[8]	28,378	28,411	30,682	33,564	31,151	34,442	472,251	518,719	547,051	617,121	665,007	733,910
Communication	97,664	93,544	84,191	101,283	100,848	106,053	1,639,035	1,660,378	1,601,993	1,667,536	1,725,999	1,765,148
Electric, gas, and sanitary services	152,433	180,793	200,152	206,944	205,727	209,485	1,258,070	1,346,068	1,458,984	1,581,662	1,637,043	1,693,294
Wholesale trade	444,060	466,542	462,988	461,162	481,232	494,555	5,399,505	6,055,176	6,501,513	6,754,184	7,204,917	7,837,560
Retail trade	543,168	560,510	565,188	556,881	564,708	586,363	8,580,927	9,081,797	9,663,202	10,250,788	10,727,627	11,456,187
Finance, insurance, and real estate	231,701	248,580	260,501	275,077	289,579	296,696	4,200,803	4,399,750	4,708,459	5,295,990	5,984,187	6,548,782
Banking and credit agencies	116,300	123,025	129,088	134,910	140,699	140,397	1,571,436	1,666,701	1,766,667	1,935,909	2,092,623	2,212,862
Other finance, insurance, and real estate[9]	115,401	125,555	131,413	140,167	148,880	156,299	2,629,367	2,733,049	2,941,792	3,360,081	3,891,564	4,335,920
Services	959,442	1,035,645	1,089,733	1,153,520	1,231,828	1,324,281	16,980,153	18,868,896	20,772,133	22,970,384	25,507,860	27,766,405
Hotels and other lodging places	37,814	36,076	34,271	32,598	33,165	34,198	297,897	311,270	339,404	346,941	385,434	420,416
Personal services	59,077	62,069	78,357	84,133	88,244	93,494	817,545	871,514	1,062,249	1,130,157	1,220,071	1,316,145
Private households	13,199	14,695	14,647	14,459	14,317	14,320	224,735	248,629	248,602	247,026	248,451	250,990
Business services	78,609	92,228	97,543	97,967	106,648	119,563	2,378,836	2,872,145	3,407,503	3,809,228	4,327,180	4,749,181
Auto repair, services, and garages	38,470	43,204	49,108	54,094	55,324	59,207	578,598	688,369	775,773	840,599	898,685	977,203
Miscellaneous repair services	22,403	25,475	22,116	25,753	26,134	28,988	247,485	290,584	291,804	318,536	358,027	411,182
Amusement and recreation services	12,257	13,821	15,283	17,256	17,114	17,970	403,467	445,288	504,121	553,481	596,159	657,906
Motion pictures	1,743	2,149	2,095	2,110	1,898	2,030	39,183	43,984	44,735	46,496	48,664	55,690
Health services	472,510	500,702	519,442	546,273	594,120	636,235	6,910,344	7,328,028	7,855,098	8,469,023	9,523,166	10,290,937
Legal services	43,081	49,946	53,699	59,799	62,019	67,429	1,088,952	1,286,692	1,398,250	1,585,295	1,749,851	1,953,915
Educational services	21,652	23,293	25,249	25,811	27,682	29,320	718,187	801,921	862,716	928,858	1,024,198	1,106,509
Social services	27,616	30,740	32,790	36,939	42,434	48,691	498,099	562,126	614,578	669,490	735,610	805,598
Museums, botanical, zoological gardens	254	299	346	437	586	700	31,105	33,247	36,122	39,339	43,925	48,447
Membership organizations	57,402	58,446	62,078	63,730	67,101	71,744	835,127	873,778	904,037	928,134	977,015	1,048,347
Miscellaneous services	73,355	82,502	82,709	92,161	95,042	100,392	1,910,593	2,211,321	2,427,141	3,057,781	3,371,424	3,673,939
Government and government enterprises	1,037,396	1,091,783	1,168,201	1,207,065	1,252,146	1,283,940	11,686,259	12,457,702	13,277,847	13,933,138	14,850,703	16,070,025
Federal, civilian	195,076	200,972	213,811	223,936	240,422	256,960	2,311,379	2,406,023	2,531,793	2,516,851	2,661,234	2,817,328
Military	218,240	234,371	246,618	246,840	257,514	260,164	414,958	447,870	525,701	510,040	533,854	545,884
State and local	624,080	656,440	707,772	736,289	754,210	766,816	8,959,922	9,603,809	10,220,353	10,906,247	11,655,615	12,706,813

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Oklahoma						Oregon					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**36,924,888**	**38,824,384**	**40,234,719**	**40,596,296**	**41,089,276**	**43,187,222**	**30,010,223**	**32,302,376**	**33,951,399**	**35,479,110**	**37,829,806**	**41,170,451**
Nonfarm personal income	36,421,288	38,195,129	39,534,774	39,536,040	40,068,816	42,102,404	29,532,151	31,719,498	33,325,180	34,686,539	36,951,572	40,205,332
Farm income[1]	503,600	629,255	699,945	1,060,256	1,020,460	1,084,818	478,072	582,878	626,219	792,571	878,234	965,119
Population (thousands)[2]	3,312.6	3,312.6	3,306.1	3,300.6	3,259.2	3,242.1	2,660.2	2,676.5	2,685.8	2,702.6	2,723.3	2,766.6
Per capita personal income (dollars)	**11,147**	**11,720**	**12,170**	**12,300**	**12,607**	**13,321**	**11,281**	**12,069**	**12,641**	**13,128**	**13,891**	**14,881**
Derivation of total personal income:												
Total earnings by place of work	26,649,749	28,014,330	28,612,896	28,536,123	28,618,635	29,928,748	20,812,864	22,639,911	23,911,565	25,327,083	27,226,513	29,729,345
Less: Personal contributions for social insurance[3]	1,569,339	1,645,540	1,764,859	1,761,587	1,759,398	1,933,039	1,312,755	1,438,368	1,585,884	1,734,252	1,856,679	2,118,130
Plus: Adjustment for residence	197,859	225,797	255,449	276,534	314,264	322,388	−187,691	−173,708	−224,661	−262,048	−316,821	−324,326
Equals: Net earnings by place of residence	25,278,269	26,594,587	27,103,486	27,051,070	27,173,501	28,318,097	19,312,418	21,027,835	22,101,020	23,330,783	25,053,013	27,286,889
Plus: Dividends, interest, and rent[5]	5,962,365	6,435,324	6,936,536	6,785,984	6,773,834	7,254,338	5,497,075	5,978,170	6,217,892	6,476,889	6,829,724	7,505,509
Plus: Transfer payments	5,684,254	5,794,473	6,194,697	6,759,242	7,141,941	7,614,787	5,200,730	5,296,371	5,632,487	5,671,438	5,947,069	6,378,053
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	20,962,950	21,871,582	22,305,760	21,807,031	21,851,863	22,861,732	16,669,453	18,026,142	18,907,312	19,940,530	21,352,089	23,352,981
Other labor income	2,227,852	2,259,137	2,171,621	2,167,226	2,133,471	2,258,415	1,641,012	1,717,736	1,875,336	1,904,094	2,065,535	2,267,296
Proprietors' income[6]	3,458,947	3,883,611	4,135,515	4,561,866	4,633,301	4,808,601	2,502,399	2,896,033	3,128,917	3,482,459	3,808,889	4,109,068
Farm	401,505	528,771	601,592	963,729	919,456	984,608	288,068	396,268	440,060	607,752	683,676	770,236
Nonfarm	3,057,442	3,354,840	3,533,923	3,598,137	3,713,845	3,823,993	2,214,331	2,499,765	2,688,857	2,874,707	3,125,213	3,338,832
Earnings by industry:												
Farm	503,600	629,255	699,945	1,060,256	1,020,460	1,084,818	478,072	582,878	626,219	792,571	878,234	965,119
Nonfarm	26,146,149	27,385,075	27,912,951	27,475,867	27,598,175	28,843,930	20,334,792	22,057,033	23,285,346	24,534,512	26,348,279	28,764,226
Private	21,205,018	22,293,366	22,497,822	21,855,304	21,854,245	22,918,879	16,773,522	18,315,920	19,218,564	20,363,876	21,895,786	23,984,050
Agricultural services, forestry, fisheries, and other[7]	114,765	113,005	104,839	98,184	133,008	141,248	222,545	208,195	222,169	246,045	306,285	342,520
Agricultural services	108,429	106,744	100,846	95,828	130,123	137,843	106,494	104,422	104,663	111,109	167,313	191,029
Forestry, fisheries, and other[7]	6,336	6,261	3,993	2,356	2,885	3,405	116,051	103,773	117,506	134,936	138,972	151,491
Mining	2,622,948	2,506,379	2,346,510	1,935,495	1,726,130	1,718,738	76,215	80,474	96,433	58,310	53,988	53,250
Coal mining	47,679	55,485	44,760	(D)	27,818	25,313	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	2,533,076	2,405,172	2,256,303	1,844,203	1,651,166	1,647,260	35,581	(D)	57,850	19,153	(D)	14,473
Metal mining	1,573	1,309	1,083	884	1,488	1,616	(D)	(D)	(D)	(D)	1,940	(D)
Nonmetallic minerals, except fuels	40,620	44,413	44,364	(D)	45,658	44,549	26,711	25,438	26,821	29,502	29,765	31,616
Construction	1,739,183	1,868,019	1,729,099	1,557,537	1,513,181	1,571,672	989,513	1,108,316	1,201,297	1,301,145	1,361,859	1,550,707
Manufacturing	4,138,309	4,590,169	4,628,473	4,448,376	4,417,593	4,694,639	4,778,103	5,262,678	5,335,046	5,545,005	5,873,174	6,397,334
Nondurable goods	1,468,424	1,598,231	1,564,508	1,543,746	1,560,615	1,599,664	1,180,932	1,246,675	1,292,486	1,351,804	1,452,284	1,548,669
Food and kindred products	299,434	313,191	313,898	312,361	318,512	319,483	462,955	468,117	477,789	488,694	511,943	529,308
Textile mill products	18,541	19,336	17,492	18,270	19,471	20,239	26,957	28,160	29,437	(D)	36,738	38,919
Apparel and other textile products	101,211	104,476	104,350	103,009	103,417	106,918	35,888	40,493	35,962	38,478	40,862	44,121
Paper and allied products	88,390	102,141	99,420	111,290	110,155	121,584	312,108	335,324	353,200	367,519	384,918	390,816
Printing and publishing	207,033	229,731	243,944	244,871	246,044	245,893	211,307	232,496	251,903	265,663	296,747	334,064
Chemicals and allied products	97,949	98,927	97,381	94,479	101,095	109,196	57,246	59,167	61,339	61,849	66,789	71,339
Petroleum and coal products	352,708	386,597	339,413	335,347	340,819	341,122	16,838	15,581	11,607	16,287	16,665	22,064
Tobacco manufactures	(D)	344	217	315	392	251	(L)	(D)	(D)	97	132	121
Rubber and misc. plastic products	298,239	338,972	343,287	318,077	314,995	328,733	50,120	60,326	64,390	77,508	89,533	109,143
Leather and leather products	(D)	4,516	5,106	5,727	5,715	6,245	7,472	(D)	(D)	(D)	7,957	8,774
Durable goods	2,669,885	2,991,938	3,063,965	2,904,630	2,856,978	3,094,975	3,597,171	4,016,003	4,042,560	4,193,201	4,420,890	4,848,665
Lumber and wood products	56,921	62,108	54,077	53,534	60,213	59,195	1,670,494	1,812,709	1,785,546	1,835,117	1,941,390	2,071,471
Furniture and fixtures	30,471	33,984	32,903	35,114	35,612	43,757	42,304	48,715	50,425	51,243	57,296	63,823
Primary metal industries	110,986	123,070	120,246	121,601	120,453	141,706	254,443	309,132	296,263	301,159	345,212	386,915
Fabricated metal products	413,056	419,347	421,369	387,395	371,926	420,665	239,372	265,410	277,528	276,099	282,607	297,063
Machinery, except electrical	786,752	996,936	1,035,103	934,326	903,163	1,000,705	416,064	441,012	445,541	457,153	489,328	563,143
Electric and electronic equipment	326,729	268,339	249,085	236,390	222,527	228,479	250,374	335,080	346,732	356,581	403,632	475,824
Transportation equip. excl. motor vehicles	260,441	264,756	298,292	320,835	312,971	314,053	107,634	125,627	137,971	194,534	182,922	215,651
Motor vehicles and equipment	298,737	391,980	404,174	365,822	373,471	418,362	111,073	137,334	142,632	140,016	161,221	178,024
Stone, clay, and glass products	270,848	280,746	294,747	295,266	296,682	303,951	79,822	77,794	84,066	91,223	100,703	118,367
Instruments and related products	52,857	58,527	64,734	72,679	77,272	80,166	376,796	404,290	416,254	430,217	384,790	391,046
Miscellaneous manufacturing industries	62,087	92,145	89,235	81,668	82,688	83,936	48,795	58,900	59,602	59,859	71,789	87,338
Transportation and public utilities	2,080,882	2,124,861	2,145,377	2,232,192	2,256,223	2,298,844	1,691,653	1,829,277	1,871,272	1,905,254	2,034,092	2,153,868
Railroad transportation	100,554	107,635	99,513	98,156	96,384	92,618	192,261	205,521	197,248	182,934	176,309	165,424
Trucking and warehousing	564,709	602,069	559,384	542,046	544,257	559,424	551,391	632,716	647,631	693,963	748,542	795,780
Water transportation	2,504	3,046	2,965	3,007	3,060	3,298	77,342	83,141	72,344	73,738	79,394	85,347
Other transportation[8]	456,927	435,714	453,663	515,779	538,065	579,216	148,760	169,326	179,975	199,853	227,756	270,898
Communication	521,255	499,120	505,873	512,994	540,873	516,578	439,870	425,401	429,453	412,165	478,669	495,722
Electric, gas, and sanitary services	434,933	477,277	523,979	560,210	533,584	547,710	282,029	313,172	344,621	342,601	323,422	340,697
Wholesale trade	1,665,990	1,686,500	1,713,064	1,585,884	1,556,939	1,661,200	1,471,461	1,600,350	1,698,684	1,782,130	1,876,549	2,076,263
Retail trade	2,844,158	2,970,716	3,014,593	2,904,224	2,826,148	3,008,446	2,397,651	2,557,815	2,626,039	2,758,419	2,897,091	3,173,052
Finance, insurance, and real estate	1,402,462	1,474,064	1,497,151	1,543,994	1,535,393	1,528,694	1,095,534	1,129,901	1,187,907	1,306,497	1,465,676	1,583,477
Banking and credit agencies	634,055	669,948	694,015	697,071	650,049	627,448	435,259	450,413	465,468	499,075	527,348	557,570
Other finance, insurance, and real estate[9]	768,407	804,116	803,136	846,923	885,344	901,246	660,275	679,488	722,439	807,422	938,328	1,025,907
Services	4,596,321	4,959,653	5,318,716	5,549,418	5,889,630	6,295,398	4,050,847	4,538,914	4,979,717	5,461,071	6,027,072	6,653,579
Hotels and other lodging places	110,301	111,284	116,343	111,275	110,086	110,247	125,195	135,880	141,716	150,422	167,742	199,212
Personal services	273,516	280,758	351,910	363,570	362,231	377,902	215,411	221,465	268,130	285,357	298,004	325,256
Private households	92,319	102,159	102,047	101,355	100,185	100,298	52,087	57,960	58,135	58,041	58,554	59,859
Business services	914,241	1,035,004	1,129,506	1,140,847	1,209,809	1,307,156	585,163	726,977	850,431	953,290	1,082,662	1,235,900
Auto repair, services, and garages	274,940	314,638	346,749	351,611	356,003	374,171	221,686	263,599	292,405	314,835	331,525	360,900
Miscellaneous repair services	93,986	103,218	95,358	93,044	102,631	120,316	110,039	131,979	121,477	147,003	158,635	177,510
Amusement and recreation services	72,285	84,883	89,302	92,350	96,561	100,138	75,410	86,937	102,831	109,189	123,876	136,911
Motion pictures	11,843	15,396	17,697	14,801	14,833	15,223	10,711	17,848	18,644	20,079	19,592	23,219
Health services	1,460,320	1,503,648	1,594,468	1,695,843	1,865,833	1,995,205	1,528,644	1,617,919	1,756,207	1,897,207	2,145,615	2,309,951
Legal services	357,511	421,631	472,545	527,135	560,417	612,486	308,152	361,746	384,874	430,498	456,722	511,551
Educational services	123,937	126,891	132,539	139,564	151,117	163,073	125,751	148,792	156,516	167,408	184,476	200,552
Social services	117,971	127,493	134,244	147,195	158,914	168,257	124,387	140,649	158,501	179,564	201,146	226,585
Museums, botanical, zoological gardens	3,122	2,940	2,767	2,652	2,736	3,049	5,063	5,113	5,922	6,977	7,467	8,463
Membership organizations	227,525	236,943	235,538	237,652	246,172	261,461	213,374	226,942	240,682	250,241	266,371	288,831
Miscellaneous services	462,504	492,767	497,703	530,524	552,102	586,416	349,774	395,108	423,246	490,960	524,685	588,879
Government and government enterprises	4,941,131	5,091,709	5,415,129	5,620,563	5,743,930	5,925,051	3,561,270	3,741,113	4,066,782	4,170,636	4,452,493	4,780,176
Federal, civilian	1,175,462	1,252,341	1,362,979	1,372,306	1,443,176	1,467,740	730,858	777,561	811,361	810,111	881,411	970,949
Military	648,012	668,871	702,343	729,858	782,039	780,442	83,009	84,770	98,618	112,617	109,247	109,150
State and local	3,117,657	3,170,497	3,349,807	3,518,399	3,518,715	3,676,869	2,747,403	2,878,782	3,156,803	3,247,908	3,461,835	3,700,077

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Pennsylvania						Rhode Island					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**142,182,614**	**151,386,259**	**160,819,999**	**169,696,711**	**181,319,318**	**194,658,917**	**11,457,893**	**12,505,072**	**13,320,261**	**14,255,371**	**15,437,895**	**16,734,251**
Nonfarm personal income	141,647,337	150,404,144	159,926,733	168,756,818	180,314,403	193,738,146	11,421,253	12,470,214	13,272,394	14,205,620	15,395,315	16,687,327
Farm income[1]	535,277	982,115	893,266	939,893	1,004,915	920,771	36,640	34,858	47,867	49,751	42,580	46,924
Population (thousands)[2]	11,894.5	11,891.3	11,863.7	11,896.1	11,942.7	12,002.1	954.9	960.1	966.9	974.6	986.3	992.7
Per capita personal income (dollars)	**11,954**	**12,731**	**13,556**	**14,265**	**15,182**	**16,219**	**11,999**	**13,024**	**13,777**	**14,627**	**15,652**	**16,857**
Derivation of total personal income:												
Total earnings by place of work	97,739,144	105,584,566	111,457,968	117,828,075	127,331,174	137,065,044	7,676,043	8,462,056	9,098,276	9,919,292	10,823,179	11,792,636
Less: Personal contributions for social insurance[3]	6,034,918	6,697,884	7,380,685	7,938,262	8,374,956	9,458,071	542,690	597,152	670,742	742,580	803,401	913,360
Plus: Adjustment for residence	−90,524	−8,491	81,708	24,173	−5,097	38,563	202,707	228,329	245,717	211,488	211,360	208,562
Equals: Net earnings by place of residence	91,613,702	98,878,191	104,158,991	109,913,986	118,951,121	127,645,536	7,336,060	8,093,233	8,673,251	9,388,200	10,231,138	11,087,838
Plus: Dividends, interest, and rent[5]	23,304,842	25,395,178	27,648,494	28,927,237	30,551,415	33,374,675	1,956,858	2,208,551	2,270,478	2,401,304	2,622,661	2,889,493
Plus: Transfer payments	27,264,070	27,112,890	29,012,514	30,855,488	31,816,782	33,638,706	2,164,975	2,203,288	2,376,532	2,465,867	2,584,096	2,756,920
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	79,175,315	85,254,396	90,126,144	95,032,207	102,610,379	110,718,232	6,365,808	7,030,964	7,574,388	8,228,276	8,975,696	9,795,850
Other labor income	9,061,145	9,320,512	9,420,867	9,914,814	10,663,628	11,462,801	674,947	710,518	724,295	792,405	866,315	935,516
Proprietors' income[6]	9,502,684	11,009,658	11,910,957	12,881,054	14,057,167	14,884,011	635,288	720,574	799,593	898,611	981,168	1,061,270
Farm	305,663	758,071	668,019	715,334	766,219	679,281	30,864	29,173	42,295	44,273	36,864	41,249
Nonfarm	9,197,021	10,251,587	11,242,938	12,165,720	13,290,948	14,204,730	604,424	691,401	757,298	854,338	944,304	1,020,021
Earnings by industry:												
Farm	535,277	982,115	893,266	939,893	1,004,915	920,771	36,640	34,858	47,867	49,751	42,580	46,924
Nonfarm	97,203,867	104,602,451	110,564,702	116,888,182	126,326,259	136,144,273	7,639,403	8,427,198	9,050,409	9,869,541	10,780,599	11,745,712
Private	83,976,924	90,651,247	95,823,865	101,667,983	109,958,909	118,830,485	6,379,868	7,071,135	7,592,995	8,339,468	9,142,150	9,959,501
Agricultural services, forestry, fisheries, and other[7]	359,352	363,720	372,174	398,729	534,034	605,956	50,929	44,123	67,739	92,587	108,734	117,344
Agricultural services	327,614	331,163	342,409	375,603	511,027	581,288	19,782	22,911	24,635	27,320	37,021	43,909
Forestry, fisheries, and other[7]	31,738	32,557	29,765	23,126	23,007	24,668	31,147	21,212	43,104	65,267	71,713	73,435
Mining	1,570,714	1,701,348	1,742,612	1,444,450	1,313,345	1,271,968	18,625	20,653	28,054	10,801	10,966	11,366
Coal mining	1,131,889	1,218,492	1,112,645	1,055,459	931,516	884,973	0	0	0	0	0	0
Oil and gas extraction	336,358	379,954	506,164	243,172	226,941	218,137	(D)	18,172	25,165	(D)	6,233	6,067
Metal mining	5,810	908	565	643	1,798	1,388	0	0	0	0	0	0
Nonmetallic minerals, except fuels	96,657	101,994	123,238	145,176	153,090	167,470	(D)	2,481	2,889	(D)	4,733	5,299
Construction	5,555,527	6,022,786	6,495,419	7,436,039	8,376,061	9,139,069	359,271	423,381	493,233	596,342	699,178	793,956
Manufacturing	27,181,072	29,071,207	29,467,089	29,460,879	30,588,353	32,588,222	2,266,664	2,524,177	2,523,909	2,650,343	2,720,398	2,811,444
Nondurable goods	10,034,799	10,507,250	10,872,904	11,183,864	11,679,209	12,491,135	698,526	760,528	772,310	814,572	833,683	872,786
Food and kindred products	1,959,026	2,037,061	2,122,048	2,203,061	2,315,112	2,453,406	56,800	60,343	62,043	67,589	66,202	70,204
Textile mill products	573,021	562,088	523,276	548,948	594,768	620,428	188,803	201,454	193,617	200,282	211,590	222,968
Apparel and other textile products	1,333,000	1,397,091	1,342,392	1,270,036	1,243,419	1,293,471	44,525	46,389	44,007	46,424	45,708	39,295
Paper and allied products	1,077,275	1,150,654	1,206,174	1,272,600	1,338,046	1,411,712	45,765	51,157	50,154	52,434	53,198	61,737
Printing and publishing	1,531,225	1,616,691	1,776,232	1,923,763	2,050,909	2,207,488	122,958	140,922	155,332	169,291	179,696	192,407
Chemicals and allied products	1,884,504	1,990,405	2,142,374	2,240,124	2,339,833	2,658,990	76,238	84,619	85,724	89,646	94,581	99,734
Petroleum and coal products	732,667	685,814	685,613	603,616	598,749	596,906	3,779	5,227	8,178	6,185	8,340	9,329
Tobacco manufactures	39,317	41,545	40,507	40,474	26,030	24,799	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	721,277	844,361	869,250	919,377	1,004,114	1,046,085	121,570	130,987	137,272	142,531	137,602	138,049
Leather and leather products	183,487	181,540	165,038	161,865	168,229	177,850	38,077	39,416	35,976	40,177	36,748	39,054
Durable goods	17,146,273	18,563,957	18,594,185	18,277,015	18,909,144	20,097,087	1,568,138	1,763,649	1,751,599	1,835,771	1,886,715	1,938,658
Lumber and wood products	383,130	439,220	496,337	601,359	701,159	786,264	25,627	25,704	25,239	29,099	29,919	30,035
Furniture and fixtures	354,813	402,259	428,146	442,802	483,308	512,453	22,723	25,479	30,588	33,913	36,023	40,446
Primary metal industries	4,037,043	4,124,286	3,729,549	3,322,272	3,391,517	3,683,104	151,737	202,370	140,509	138,824	135,915	131,179
Fabricated metal products	2,191,708	2,399,809	2,502,986	2,585,421	2,690,752	2,800,573	179,760	191,101	197,074	200,294	196,671	216,055
Machinery, except electrical	2,879,683	3,245,439	3,411,808	3,270,816	3,359,487	3,744,124	150,311	156,997	137,267	148,844	163,830	175,133
Electric and electronic equipment	2,673,571	2,836,863	2,823,976	2,778,846	2,796,006	2,813,980	233,239	276,037	286,379	313,264	316,504	290,277
Transportation equip. excl. motor vehicles	1,158,019	1,240,274	1,313,374	1,388,910	1,431,109	1,450,588	185,954	215,768	230,046	225,109	219,388	223,540
Motor vehicles and equipment	786,771	954,906	903,519	842,243	898,562	910,169	34,333	35,159	28,201	38,888	41,840	43,033
Stone, clay, and glass products	1,279,586	1,340,900	1,379,057	1,410,692	1,475,166	1,561,151	51,008	51,489	50,879	53,204	56,641	63,541
Instruments and related products	921,191	1,006,835	1,036,548	1,042,248	1,039,260	1,156,267	88,883	98,894	118,448	110,572	114,920	126,207
Miscellaneous manufacturing industries	480,758	573,166	568,885	591,406	642,818	678,414	444,563	484,651	506,969	543,760	575,064	599,212
Transportation and public utilities	7,250,721	7,707,649	7,878,421	8,229,915	8,662,655	9,091,344	352,969	366,770	385,484	418,101	458,196	491,158
Railroad transportation	697,058	740,828	760,290	763,956	773,123	730,861	12,251	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	1,938,872	2,166,019	2,146,070	2,237,633	2,406,280	2,584,171	81,628	90,412	91,848	100,210	113,316	120,306
Water transportation	260,338	221,846	192,823	176,209	182,402	184,745	10,518	12,314	13,548	16,981	19,535	18,492
Other transportation[8]	824,262	902,333	979,783	1,100,304	1,185,834	1,307,514	39,478	(D)	(D)	(D)	(D)	(D)
Communication	1,759,204	1,786,787	1,691,853	1,754,705	1,857,818	1,936,963	135,107	126,286	131,263	140,355	148,894	160,369
Electric, gas, and sanitary services	1,770,987	1,889,836	2,107,602	2,197,108	2,257,198	2,347,090	73,987	80,628	87,490	90,490	98,016	109,279
Wholesale trade	5,798,208	6,332,942	6,722,813	7,138,613	7,761,621	8,592,379	408,527	448,166	505,384	553,173	608,750	674,826
Retail trade	9,509,296	9,977,940	10,503,784	11,295,998	11,972,795	12,912,517	773,612	842,530	924,687	1,023,520	1,134,853	1,233,212
Finance, insurance, and real estate	5,268,595	5,665,148	6,172,813	7,026,283	8,050,495	8,768,661	456,546	493,686	536,779	612,597	699,313	793,216
Banking and credit agencies	2,004,338	2,163,652	2,349,122	2,606,375	2,822,899	3,007,546	176,122	194,448	213,097	244,212	277,609	322,794
Other finance, insurance, and real estate[9]	3,264,257	3,501,496	3,823,691	4,419,908	5,227,596	5,761,115	280,424	299,238	323,682	368,385	421,704	470,422
Services	21,483,439	23,808,507	26,468,740	29,237,077	32,699,550	35,860,369	1,692,725	1,907,649	2,127,726	2,382,004	2,701,762	3,032,979
Hotels and other lodging places	489,936	526,724	581,642	615,918	675,539	716,870	27,836	30,506	37,181	36,231	42,622	49,303
Personal services	908,595	958,291	1,201,041	1,312,769	1,421,292	1,580,851	71,761	78,169	97,881	110,646	121,389	132,773
Private households	239,958	265,626	265,101	264,031	265,233	268,194	20,455	22,772	22,930	22,948	23,254	23,559
Business services	3,142,533	3,823,528	4,520,014	5,079,294	5,744,399	6,327,357	226,136	275,353	310,073	372,426	446,268	505,589
Auto repair, services, and garages	936,318	1,065,528	1,198,946	1,320,252	1,425,075	1,562,971	57,157	67,518	75,594	86,741	95,856	106,935
Miscellaneous repair services	391,475	445,507	439,425	471,943	505,269	555,341	29,577	36,402	35,660	41,486	42,753	45,673
Amusement and recreation services	439,341	490,952	545,608	579,163	634,926	709,610	35,521	37,336	43,201	47,783	53,089	56,863
Motion pictures	51,432	65,382	69,146	74,952	76,626	81,156	2,917	3,152	3,231	3,149	3,060	3,228
Health services	8,273,329	8,873,556	9,606,059	10,428,873	11,867,273	12,836,546	669,401	727,694	797,679	848,041	956,093	1,079,059
Legal services	1,443,153	1,694,127	1,884,973	2,138,852	2,397,707	2,742,949	113,112	140,586	154,884	180,910	199,785	228,317
Educational services	1,714,325	1,888,495	2,064,925	2,214,486	2,420,352	2,622,806	172,934	187,641	209,210	224,171	255,420	279,303
Social services	668,754	712,075	800,151	939,516	1,069,344	1,208,182	68,080	74,221	84,473	95,072	109,925	131,292
Museums, botanical, zoological gardens	24,913	26,131	28,089	30,157	32,811	35,675	406	645	2,382	2,503	2,810	3,280
Membership organizations	889,644	925,785	950,611	1,026,781	1,107,861	1,210,958	68,697	73,369	72,764	82,806	90,076	100,522
Miscellaneous services	1,869,733	2,046,800	2,313,009	2,740,090	3,055,843	3,400,903	128,735	152,285	180,583	227,091	259,362	287,283
Government and government enterprises	13,226,943	13,951,204	14,740,837	15,220,199	16,367,350	17,313,788	1,259,535	1,356,063	1,457,414	1,530,073	1,638,449	1,786,211
Federal, civilian	3,359,015	3,541,121	3,779,998	3,717,626	3,980,193	4,242,637	251,885	262,273	276,819	279,545	304,649	330,950
Military	566,708	568,316	612,851	635,081	730,505	720,835	142,865	146,664	168,738	196,346	198,993	207,385
State and local	9,301,220	9,841,767	10,347,988	10,867,492	11,656,652	12,350,316	864,785	947,126	1,011,857	1,054,182	1,134,807	1,247,876

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	South Carolina						South Dakota					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**30,329,446**	**33,475,940**	**35,780,067**	**38,338,937**	**41,362,804**	**44,809,850**	**6,760,061**	**7,483,422**	**7,810,576**	**8,321,413**	**8,799,697**	**9,093,984**
Nonfarm personal income	30,253,217	33,141,092	35,548,762	38,163,422	41,060,543	44,454,849	6,489,999	6,880,480	7,125,458	7,459,343	7,849,514	8,367,301
Farm income[1]	76,229	334,848	231,305	175,515	302,261	355,001	270,062	602,942	685,118	862,070	950,183	726,683
Population (thousands)[2]	3,252.3	3,295.4	3,333.5	3,380.2	3,424.4	3,469.0	698.9	705.2	708.2	707.6	709.4	713.0
Per capita personal income (dollars)	**9,325**	**10,158**	**10,734**	**11,342**	**12,079**	**12,917**	**9,672**	**10,612**	**11,028**	**11,760**	**12,404**	**12,754**
Derivation of total personal income:												
Total earnings by place of work	22,450,786	25,099,381	26,518,802	28,520,598	30,964,765	33,642,033	4,420,051	5,078,883	5,313,470	5,724,375	6,126,829	6,258,710
Less: Personal contributions for social insurance[3]	1,293,251	1,442,779	1,607,353	1,780,452	1,917,041	2,170,773	276,117	301,371	330,991	351,706	373,628	420,089
Plus: Adjustment for residence	350,339	380,011	449,080	562,822	627,773	634,017	14,566	8,669	11,556	12,098	9,708	10,392
Equals: Net earnings by place of residence	21,507,874	24,036,613	25,360,529	27,302,968	29,675,497	32,105,277	4,158,500	4,786,181	4,994,035	5,384,767	5,762,909	5,849,013
Plus: Dividends, interest, and rent[4]	3,826,977	4,279,590	4,715,185	5,007,016	5,400,974	5,970,302	1,454,094	1,481,741	1,528,748	1,577,680	1,604,737	1,726,678
Plus: Transfer payments	4,994,595	5,159,737	5,704,353	6,028,953	6,286,333	6,734,271	1,147,467	1,215,500	1,287,793	1,358,966	1,432,051	1,518,293
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	19,049,269	21,052,263	22,369,079	23,874,780	25,773,129	28,003,327	3,264,013	3,496,181	3,637,030	3,793,666	4,018,972	4,294,249
Other labor income	1,817,951	1,951,127	1,984,183	2,110,497	2,315,181	2,527,438	305,716	319,930	318,949	337,886	362,896	393,126
Proprietors' income[5]	1,583,566	2,095,991	2,165,540	2,535,321	2,876,455	3,111,268	850,322	1,262,772	1,357,491	1,592,823	1,744,961	1,571,335
Farm	−2,038	258,024	155,416	100,471	222,606	274,684	195,666	529,526	613,770	792,989	879,018	656,810
Nonfarm	1,585,604	1,837,967	2,010,124	2,434,850	2,653,849	2,836,584	654,656	733,246	743,721	799,834	865,943	914,525
Earnings by industry:												
Farm	76,229	334,848	231,305	175,515	302,261	355,001	270,062	602,942	685,118	862,070	950,183	726,683
Nonfarm	22,374,557	24,764,533	26,287,497	28,345,083	30,662,504	33,287,032	4,149,989	4,475,941	4,628,352	4,862,305	5,176,646	5,532,027
Private	17,517,879	19,563,420	20,671,798	22,349,873	24,303,717	26,480,242	3,238,961	3,517,071	3,613,091	3,802,417	4,041,914	4,336,783
Agricultural services, forestry, fisheries, and other[7]	109,969	113,209	124,613	134,558	157,372	179,209	49,220	46,948	41,140	34,212	54,932	60,748
Agricultural services	66,791	74,244	82,407	91,698	115,828	132,653	43,929	43,096	37,423	30,245	51,889	57,479
Forestry, fisheries, and other[7]	43,178	38,965	42,206	42,860	41,544	46,556	5,291	3,852	3,717	3,967	3,043	3,269
Mining	64,569	70,840	89,257	53,935	59,136	65,567	81,381	86,053	87,806	87,672	89,738	99,298
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	512	646	629	887	(D)	(D)
Oil and gas extraction	29,566	32,157	50,470	13,915	13,572	13,196	9,653	10,425	12,948	6,453	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	50,038	52,991	53,505	58,107	62,792	70,924
Nonmetallic minerals, except fuels	34,679	38,029	37,849	38,876	44,279	50,660	21,178	21,991	20,724	22,225	(D)	21,679
Construction	1,490,334	1,770,736	1,867,259	2,084,260	2,177,283	2,402,965	248,582	277,635	280,684	302,914	320,804	333,664
Manufacturing	6,926,973	7,578,313	7,689,640	8,057,858	8,658,706	9,273,934	491,471	539,188	531,406	575,041	601,504	661,628
Nondurable goods	4,693,742	4,989,010	5,031,696	5,289,063	5,640,571	5,928,748	253,407	246,810	241,737	264,632	261,805	279,951
Food and kindred products	234,270	253,327	273,453	289,413	315,077	324,733	180,672	168,234	158,120	179,461	166,563	176,366
Textile mill products	1,943,851	2,012,765	1,920,141	2,021,517	2,184,947	2,241,963	300	69	88	299	929	1,047
Apparel and other textile products	502,566	533,594	500,852	524,502	545,954	558,855	17,890	20,248	19,842	17,174	19,544	22,341
Paper and allied products	420,154	476,710	504,111	543,788	570,604	596,304	3,268	3,924	4,589	(D)	5,285	7,402
Printing and publishing	147,901	166,521	184,638	198,181	217,873	235,990	34,709	35,887	38,209	39,754	42,306	43,517
Chemicals and allied products	951,406	1,010,011	1,071,412	1,105,995	1,149,316	1,307,249	4,182	3,850	5,378	6,352	6,581	9,490
Petroleum and coal products	14,519	14,818	12,813	14,977	(D)	(D)	67	52	(L)	(L)	50	316
Tobacco manufactures	9,748	9,765	9,456	8,315	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	465,942	507,567	550,799	578,095	632,614	638,176	11,225	13,734	14,989	16,304	20,173	19,054
Leather and leather products	3,385	3,932	4,021	4,280	4,041	3,334	1,089	806	506	(D)	365	413
Durable goods	2,233,231	2,589,303	2,657,944	2,768,795	3,018,135	3,345,186	238,064	292,378	289,669	310,409	339,699	381,677
Lumber and wood products	228,848	257,910	278,048	305,001	334,473	363,149	24,457	28,445	30,481	36,174	41,981	46,172
Furniture and fixtures	68,570	77,191	80,778	71,308	79,911	83,910	1,547	2,240	2,592	2,894	3,448	3,909
Primary metal industries	169,304	216,844	228,748	238,940	253,767	273,281	4,599	6,311	5,906	7,003	7,779	9,061
Fabricated metal products	278,471	317,844	332,829	344,566	368,080	412,168	22,515	22,222	23,389	27,019	31,017	37,179
Machinery, except electrical	593,030	687,609	689,708	720,187	782,800	892,774	64,134	84,090	82,419	87,904	98,439	108,455
Electric and electronic equipment	369,723	436,452	431,379	437,351	487,539	541,509	40,245	54,329	45,404	43,811	45,881	47,837
Transportation equip. excl. motor vehicles	76,528	91,792	100,882	97,486	111,677	121,419	1,901	3,222	2,626	3,155	4,076	5,387
Motor vehicles and equipment	56,317	70,535	75,579	86,648	116,318	152,893	13,679	16,109	16,459	18,406	20,858	23,130
Stone, clay, and glass products	234,113	258,832	262,625	275,531	285,290	304,424	20,393	23,391	23,581	24,024	19,369	21,666
Instruments and related products	104,141	113,107	116,986	124,909	130,628	125,666	31,940	35,437	37,859	40,297	44,576	46,975
Miscellaneous manufacturing industries	54,186	61,187	60,382	66,868	67,652	73,993	12,654	16,582	18,953	19,722	22,275	31,906
Transportation and public utilities	1,490,757	1,614,731	1,660,765	1,789,061	1,919,120	2,063,070	377,983	419,953	419,462	437,428	449,397	470,445
Railroad transportation	128,995	138,863	133,604	126,910	120,858	122,225	31,508	33,212	29,631	24,347	19,667	18,744
Trucking and warehousing	353,887	410,265	427,409	451,754	493,018	544,425	178,134	212,505	205,735	214,449	225,538	240,752
Water transportation	43,469	50,379	52,088	53,514	62,781	67,934	(L)	(L)	63	111	193	238
Other transportation[8]	100,283	108,806	120,901	140,608	174,207	209,268	25,330	26,704	26,423	31,197	30,555	33,463
Communication	373,577	356,533	353,229	399,235	437,415	444,545	80,786	77,831	75,186	84,432	89,664	90,889
Electric, gas, and sanitary services	490,546	549,885	573,534	617,040	630,841	674,673	62,202	69,678	82,424	82,892	83,780	86,359
Wholesale trade	1,020,332	1,159,741	1,250,465	1,309,214	1,415,064	1,526,854	322,813	347,088	349,094	345,477	366,203	402,774
Retail trade	2,221,525	2,472,754	2,674,508	2,900,609	3,153,337	3,475,300	539,835	567,141	576,503	580,820	607,098	641,706
Finance, insurance, and real estate	955,100	1,063,485	1,169,930	1,289,821	1,413,175	1,532,991	242,278	265,495	288,876	307,173	325,919	334,156
Banking and credit agencies	396,748	437,507	481,256	524,128	548,315	585,073	127,643	140,540	158,546	165,549	170,768	176,163
Other finance, insurance, and real estate[9]	558,352	625,978	688,674	765,693	864,860	947,918	114,635	124,955	130,330	141,624	155,151	157,993
Services	3,238,320	3,719,611	4,145,361	4,730,557	5,350,524	5,960,352	885,398	967,570	1,038,120	1,131,680	1,226,319	1,332,364
Hotels and other lodging places	177,705	189,502	205,344	232,486	255,801	280,107	28,217	29,718	31,823	32,344	35,405	49,157
Personal services	177,686	193,747	236,889	257,303	280,504	320,314	56,772	58,429	71,601	77,148	81,090	87,524
Private households	164,566	184,651	186,688	187,599	190,317	194,349	13,987	15,573	15,631	15,524	15,609	15,771
Business services	398,398	504,104	606,136	697,113	824,984	933,328	80,301	94,615	109,874	117,852	129,340	132,430
Auto repair, services, and garages	158,021	187,862	216,775	241,926	265,041	292,099	45,352	52,397	56,712	62,708	64,510	71,117
Miscellaneous repair services	78,274	94,916	98,559	109,177	128,262	153,151	24,999	28,976	24,966	29,777	31,528	36,349
Amusement and recreation services	77,171	89,259	102,639	109,193	122,364	124,137	15,405	16,983	18,307	20,907	23,171	23,613
Motion pictures	9,188	9,043	10,814	9,718	11,259	11,458	1,980	2,277	2,325	2,277	2,148	2,322
Health services	897,089	995,341	1,107,162	1,220,313	1,413,516	1,546,515	392,131	417,773	445,828	471,861	522,904	566,616
Legal services	220,223	269,594	298,593	354,456	400,225	467,562	44,810	53,059	56,720	64,159	66,547	72,828
Educational services	125,803	138,923	149,105	161,910	177,875	193,541	38,654	41,274	41,323	45,402	49,403	52,866
Social services	78,058	84,826	96,051	113,108	129,656	146,511	30,189	33,239	36,856	44,990	49,262	51,646
Museums, botanical, zoological gardens	1,417	917	1,263	1,637	1,929	2,215	77	69	72	78	144	133
Membership organizations	161,975	167,566	168,450	169,778	177,726	189,508	53,900	56,440	57,308	59,381	61,239	66,930
Miscellaneous services	512,746	609,360	660,893	864,840	971,065	1,105,557	58,624	66,748	68,774	87,272	94,019	103,062
Government and government enterprises	4,856,678	5,201,113	5,615,699	5,995,210	6,358,787	6,806,790	911,028	958,870	1,015,261	1,059,888	1,134,732	1,195,244
Federal, civilian	881,599	930,734	967,971	973,509	1,034,020	1,132,272	227,270	239,816	250,796	256,419	273,872	296,534
Military	1,255,506	1,299,336	1,321,156	1,353,889	1,381,668	1,380,456	131,133	135,699	140,489	149,614	173,290	175,768
State and local	2,719,573	2,971,043	3,326,572	3,667,812	3,943,099	4,294,062	552,625	583,355	623,976	653,855	687,570	722,942

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Tennessee						Texas					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**45,744,807**	**50,359,948**	**53,636,509**	**57,850,069**	**62,939,069**	**67,876,614**	**188,888,019**	**205,505,430**	**220,711,087**	**224,976,615**	**232,254,630**	**245,647,081**
Nonfarm personal income	45,489,663	49,650,331	53,107,847	57,409,412	62,311,734	67,104,063	186,356,567	202,997,072	218,045,939	222,341,698	228,783,655	242,221,987
Farm income[1]	255,144	709,617	528,662	440,657	627,335	772,551	2,531,452	2,508,358	2,665,148	2,634,917	3,470,975	3,425,094
Population (thousands)[2]	4,690.9	4,728.9	4,767.4	4,800.0	4,854.9	4,895.0	15,813.8	16,079.0	16,383.0	16,678.2	16,777.9	16,837.2
Per capita personal income (dollars)	**9,752**	**10,649**	**11,251**	**12,052**	**12,964**	**13,867**	**11,944**	**12,781**	**13,472**	**13,489**	**13,843**	**14,590**
Derivation of total personal income:												
Total earnings by place of work	34,297,891	38,171,509	40,652,412	43,774,022	48,070,087	51,853,763	146,805,230	159,858,743	170,686,266	171,767,321	176,387,672	186,038,564
Less: Personal contributions for social insurance[3]	2,014,184	2,213,577	2,492,752	2,683,122	2,907,537	3,274,762	7,747,067	8,477,920	9,534,648	9,711,214	9,895,652	10,899,501
Plus: Adjustment for residence	−440,712	−467,176	−523,823	−601,212	−729,404	−767,906	−426,722	−391,706	−485,452	−465,706	−474,000	−501,086
Equals: Net earnings by place of residence	31,842,995	35,490,756	37,635,837	40,489,688	44,433,146	47,811,095	138,631,441	150,989,117	160,666,166	161,590,401	166,018,020	174,637,977
Plus: Dividends, interest, and rent[4]	6,194,131	6,933,550	7,459,593	7,840,552	8,398,364	9,186,921	27,887,772	31,349,561	34,934,774	35,914,820	36,948,111	39,907,991
Plus: Transfer payments	7,707,681	7,935,642	8,541,079	9,519,829	10,107,559	10,878,598	22,368,806	23,166,752	25,110,147	27,471,394	29,288,499	31,101,113
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	27,843,610	30,584,171	32,836,492	35,288,416	38,553,699	41,526,530	118,138,398	128,725,780	137,621,376	137,421,013	140,016,274	148,094,954
Other labor income	2,853,924	3,007,782	3,083,537	3,364,718	3,686,263	3,966,293	12,481,307	12,915,913	12,961,224	13,349,391	13,725,341	14,588,913
Proprietors' income[5]	3,600,357	4,579,556	4,732,383	5,120,888	5,830,125	6,360,940	16,185,525	18,217,050	20,103,666	20,996,917	22,646,057	23,354,697
Farm	150,025	606,494	426,525	338,438	519,149	663,409	2,053,083	2,038,303	2,200,245	2,175,348	2,985,959	2,940,366
Nonfarm	3,450,332	3,973,062	4,305,858	4,782,450	5,310,976	5,697,531	14,132,442	16,178,747	17,903,421	18,821,569	19,660,098	20,414,331
Earnings by industry:												
Farm	255,144	709,617	528,662	440,657	627,335	772,551	2,531,452	2,508,358	2,665,148	2,634,917	3,470,975	3,425,094
Nonfarm	34,042,747	37,461,892	40,123,750	43,333,365	47,442,752	51,081,212	144,273,778	157,350,385	168,021,118	169,132,404	172,916,697	182,613,470
Private	28,550,925	31,682,782	33,885,776	36,737,121	40,235,779	43,333,533	122,810,350	134,265,444	142,697,552	142,745,187	145,114,486	153,094,510
Agricultural services, forestry, fisheries, and other[7]	147,753	146,935	146,015	142,657	211,300	234,956	758,554	749,468	816,707	789,555	942,069	1,033,246
Agricultural services	132,968	133,523	133,024	129,316	199,360	222,680	664,036	693,014	726,349	684,384	862,418	947,455
Forestry, fisheries, and other[7]	14,785	13,412	12,991	13,341	11,940	12,276	94,518	56,454	90,358	105,171	79,651	85,791
Mining	250,168	260,499	274,479	224,288	227,443	234,241	9,634,605	10,134,047	10,237,811	8,521,381	7,686,203	8,000,406
Coal mining	103,519	109,964	103,637	97,075	80,842	77,847	43,658	59,514	64,940	194,362	192,782	186,830
Oil and gas extraction	59,920	58,609	75,844	34,436	31,606	30,380	9,358,409	9,854,007	9,965,255	8,110,165	7,282,638	7,601,874
Metal mining	27,006	26,003	23,284	22,142	38,482	37,502	30,029	19,946	17,162	11,343	15,453	21,364
Nonmetallic minerals, except fuels	59,723	65,923	71,714	70,635	76,513	88,512	202,509	200,580	190,454	205,511	195,330	190,338
Construction	1,951,911	2,267,451	2,492,557	2,814,749	3,101,531	3,274,992	13,147,919	14,254,090	14,607,453	13,811,112	12,885,678	12,812,555
Manufacturing	9,454,777	10,366,367	10,699,625	11,260,776	11,860,027	12,707,609	24,538,828	26,401,209	27,677,067	27,562,697	28,084,100	30,158,148
Nondurable goods	5,158,059	5,058,953	5,145,341	5,366,154	5,621,700	6,018,002	10,567,649	11,042,265	11,376,249	11,710,860	11,950,690	12,558,320
Food and kindred products	772,186	820,648	866,644	919,800	963,805	1,025,867	1,984,285	2,079,323	2,159,877	2,289,022	2,352,923	2,408,987
Textile mill products	372,544	390,510	354,755	381,027	416,727	419,453	(D)	85,518	84,320	82,915	81,481	77,875
Apparel and other textile products	688,064	733,298	708,837	742,273	775,505	825,365	742,008	790,417	771,670	731,351	763,929	805,377
Paper and allied products	429,818	471,839	502,341	529,868	559,821	646,144	577,432	664,393	676,528	692,265	737,354	788,558
Printing and publishing	495,160	539,669	583,753	644,154	703,553	781,539	1,381,467	1,527,957	1,668,271	1,737,895	1,765,697	1,832,588
Chemicals and allied products	1,637,261	1,274,951	1,317,369	1,341,545	1,354,458	1,395,176	2,838,196	2,922,554	3,186,130	3,458,894	3,534,100	3,938,666
Petroleum and coal products	28,878	27,104	25,242	28,378	29,976	35,009	2,144,671	2,067,865	1,933,800	1,806,496	1,745,848	1,674,523
Tobacco manufactures	39,218	40,333	45,031	39,887	40,134	42,153	(D)	2,556	3,414	3,578	2,244	2,414
Rubber and misc. plastic products	497,800	572,812	595,179	606,063	640,637	705,383	692,816	789,708	781,462	798,815	851,426	903,404
Leather and leather products	197,130	187,789	146,190	133,159	137,084	141,913	117,518	111,974	110,777	109,629	115,688	125,928
Durable goods	4,296,718	5,307,414	5,554,284	5,894,622	6,238,327	6,689,607	13,971,179	15,358,944	16,300,818	15,851,837	16,133,410	17,599,828
Lumber and wood products	281,734	320,422	332,184	373,094	424,323	465,861	736,026	812,710	809,079	783,450	741,449	751,508
Furniture and fixtures	318,930	372,843	408,287	415,610	446,025	470,155	269,434	309,163	312,764	316,251	316,768	328,757
Primary metal industries	424,712	496,158	460,243	495,069	486,820	532,409	999,804	1,120,821	996,291	901,944	845,705	948,136
Fabricated metal products	594,015	927,733	1,000,947	1,038,304	1,055,929	1,147,341	1,880,084	2,008,297	2,063,206	1,957,809	1,942,064	2,030,422
Machinery, except electrical	694,033	854,053	896,313	920,640	978,242	1,059,008	3,511,369	3,751,562	3,946,865	3,256,542	3,153,649	3,604,744
Electric and electronic equipment	704,439	800,753	805,922	810,173	859,710	914,261	2,505,408	2,858,669	3,338,769	3,546,180	3,748,232	4,039,528
Transportation equip. excl. motor vehicles	309,340	342,306	384,277	448,816	499,625	439,853	1,806,618	1,930,405	2,170,319	2,516,094	2,846,860	3,117,704
Motor vehicles and equipment	314,061	433,234	475,225	542,131	570,950	666,088	380,925	454,779	464,835	396,550	432,480	546,611
Stone, clay, and glass products	307,979	371,258	379,283	410,090	440,316	462,067	1,039,126	1,151,930	1,222,404	1,208,973	1,119,508	1,107,183
Instruments and related products	171,080	189,648	209,778	225,120	233,236	259,874	536,700	574,896	595,966	599,661	591,277	711,001
Miscellaneous manufacturing industries	176,395	199,006	201,825	215,575	243,151	272,690	305,685	385,712	380,320	368,383	395,418	414,234
Transportation and public utilities	2,417,110	2,672,731	2,845,464	3,111,889	3,486,496	3,748,590	11,016,849	11,936,119	12,744,769	12,609,959	12,910,398	13,504,655
Railroad transportation	296,583	316,171	307,297	287,047	275,334	274,644	856,132	936,501	914,681	860,832	845,272	808,203
Trucking and warehousing	948,452	1,087,504	1,116,192	1,184,122	1,317,607	1,408,411	2,416,060	2,724,708	2,742,250	2,764,986	2,908,426	3,047,530
Water transportation	21,635	24,047	27,454	23,331	26,890	38,047	445,402	442,861	421,030	358,518	366,336	408,589
Other transportation[8]	443,363	536,752	626,236	773,179	891,529	1,019,690	2,066,132	2,256,760	2,490,844	2,674,447	2,959,787	3,264,925
Communication	587,565	571,302	604,305	630,682	721,208	739,683	2,817,591	2,769,038	2,998,222	2,983,270	3,310,299	3,258,689
Electric, gas, and sanitary services	119,512	136,955	163,980	213,528	253,928	268,115	2,415,532	2,806,251	3,177,742	2,967,906	2,520,278	2,716,719
Wholesale trade	2,318,962	2,557,795	2,774,694	2,965,653	3,286,470	3,497,209	10,972,273	11,715,985	12,402,783	12,407,193	12,250,125	13,136,062
Retail trade	3,706,773	3,995,670	4,267,379	4,555,261	4,963,424	5,349,013	15,652,510	17,010,828	17,926,126	17,945,914	17,825,316	18,364,236
Finance, insurance, and real estate	1,733,993	1,896,200	2,080,517	2,378,291	2,674,797	2,785,971	9,398,335	10,714,762	11,771,234	12,457,612	12,745,274	12,938,806
Banking and credit agencies	655,758	721,517	778,074	852,417	938,956	991,371	3,312,664	3,747,644	4,160,584	4,360,021	4,300,333	4,241,391
Other finance, insurance, and real estate[9]	1,078,235	1,174,683	1,302,443	1,525,874	1,735,841	1,794,600	6,085,671	6,967,118	7,610,650	8,097,591	8,444,941	8,697,415
Services	6,569,478	7,519,134	8,305,046	9,283,557	10,424,291	11,500,952	27,690,477	31,348,936	34,513,602	36,639,764	39,785,323	43,146,396
Hotels and other lodging places	279,316	320,278	341,491	363,268	405,074	437,580	926,476	986,689	1,031,770	1,026,780	1,071,201	1,083,579
Personal services	397,805	422,387	521,228	579,552	638,706	711,655	1,555,303	1,657,296	1,972,171	2,055,115	2,126,396	2,258,367
Private households	168,455	187,886	189,375	189,625	192,038	194,769	687,871	774,367	788,985	798,512	804,577	812,761
Business services	1,013,871	1,350,574	1,553,683	1,785,689	1,943,123	2,149,223	6,294,993	7,338,038	8,452,754	8,686,009	9,407,329	10,189,368
Auto repair, services, and garages	297,264	349,222	396,551	431,870	467,374	519,338	1,275,098	1,469,205	1,601,161	1,668,284	1,727,992	1,816,521
Miscellaneous repair services	140,374	166,593	155,959	181,850	194,927	227,890	630,630	722,111	684,164	685,673	707,489	776,815
Amusement and recreation services	154,899	160,117	183,430	214,119	246,009	268,907	508,279	598,915	667,610	717,792	766,520	857,795
Motion pictures	27,846	30,124	28,969	29,039	29,643	33,552	101,438	115,109	126,286	131,284	130,326	148,777
Health services	2,630,547	2,863,983	3,110,813	3,418,278	3,968,825	4,392,704	7,969,891	8,554,341	9,210,701	9,883,399	11,300,087	12,402,919
Legal services	344,831	421,008	455,577	520,841	559,997	623,008	2,216,652	2,691,995	3,082,230	3,588,028	3,981,359	4,539,227
Educational services	262,346	298,918	331,012	355,779	386,906	431,222	706,407	801,630	886,822	952,418	1,067,664	1,184,276
Social services	98,673	111,605	126,938	140,360	149,363	168,167	488,803	568,520	638,354	660,097	722,900	785,433
Museums, botanical, zoological gardens	2,561	2,783	3,628	4,089	5,120	6,852	21,857	25,776	28,802	33,344	35,541	38,724
Membership organizations	274,629	285,958	297,271	314,859	333,535	358,707	998,457	1,069,883	1,172,037	1,252,492	1,331,966	1,446,683
Miscellaneous services	476,061	547,698	609,121	754,339	903,651	977,378	3,308,322	3,975,061	4,169,755	4,500,537	4,603,976	4,805,151
Government and government enterprises	5,491,822	5,779,110	6,237,974	6,596,244	7,206,973	7,747,679	21,463,428	23,084,941	25,323,566	26,387,217	27,802,211	29,518,960
Federal, civilian	1,645,567	1,672,424	1,760,480	1,756,103	1,932,326	2,113,511	4,245,791	4,644,449	5,102,012	5,121,123	5,414,887	5,983,552
Military	289,734	306,055	315,009	327,981	349,306	355,773	2,662,891	2,740,877	2,875,016	3,043,103	3,170,819	3,178,400
State and local	3,556,521	3,800,631	4,162,485	4,512,160	4,925,341	5,278,395	14,554,746	15,699,615	17,346,538	18,222,991	19,216,505	20,357,008

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Utah						Vermont					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**14,997,712**	**16,425,857**	**17,512,175**	**18,391,267**	**19,350,716**	**20,598,309**	**5,591,109**	**6,122,074**	**6,620,711**	**7,147,988**	**7,816,844**	**8,540,095**
Nonfarm personal income	14,936,149	16,314,949	17,419,431	18,247,522	19,169,369	20,402,512	5,491,839	6,018,920	6,521,462	7,036,455	7,682,952	8,410,275
Farm income[1]	61,563	110,908	92,744	143,745	181,347	195,797	99,270	103,154	99,249	111,533	133,892	129,820
Population (thousands)[2]	1,596.0	1,623.8	1,645.1	1,664.0	1,679.6	1,689.9	525.6	530.1	535.2	539.9	547.1	557.4
Per capita personal income (dollars)	**9,397**	**10,115**	**10,645**	**11,052**	**11,521**	**12,189**	**10,638**	**11,549**	**12,371**	**13,240**	**14,287**	**15,320**
Derivation of total personal income:												
Total earnings by place of work	11,525,638	12,780,234	13,562,373	14,118,115	14,703,962	15,645,576	3,887,043	4,255,561	4,662,779	5,105,706	5,631,553	6,160,674
Less: Personal contributions for social insurance[3]	673,024	738,743	804,100	874,592	894,290	991,002	194,336	215,753	250,085	288,073	314,450	361,208
Plus: Adjustment for residence	51,435	57,769	73,779	78,402	70,185	84,186	16,467	33,290	37,183	47,775	70,814	80,297
Equals: Net earnings by place of residence	10,904,049	12,099,260	12,832,052	13,321,925	13,879,857	14,738,760	3,709,174	4,073,098	4,449,877	4,865,408	5,387,917	5,879,763
Plus: Dividends, interest, and rent[5]	1,948,640	2,147,192	2,329,736	2,416,509	2,601,209	2,827,067	957,767	1,099,754	1,178,777	1,241,798	1,352,382	1,511,357
Plus: Transfer payments	2,145,023	2,179,405	2,350,387	2,652,833	2,869,650	3,032,482	924,168	949,222	992,057	1,040,782	1,076,545	1,148,975
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,612,973	10,611,523	11,311,493	11,680,150	12,110,990	12,896,892	3,081,652	3,368,130	3,696,213	4,043,642	4,443,883	4,882,507
Other labor income	966,108	1,028,845	1,044,601	1,064,446	1,104,818	1,186,302	321,490	338,767	354,792	394,803	430,193	469,164
Proprietors' income[6]	946,557	1,139,866	1,206,279	1,373,519	1,488,154	1,562,382	483,901	548,664	611,774	667,261	757,477	809,003
Farm	13,768	63,746	46,882	99,280	135,646	150,860	69,021	73,460	69,926	82,324	103,133	98,973
Nonfarm	932,789	1,076,120	1,159,397	1,274,239	1,352,508	1,411,522	414,880	475,204	541,848	584,937	654,344	710,030
Earnings by industry:												
Farm	61,563	110,908	92,744	143,745	181,347	195,797	99,270	103,154	99,249	111,533	133,892	129,820
Nonfarm	11,464,075	12,669,326	13,469,629	13,974,370	14,522,615	15,449,779	3,787,773	4,152,407	4,563,530	4,994,173	5,497,661	6,030,854
Private	9,019,239	10,053,978	10,595,266	10,934,904	11,411,350	12,216,190	3,220,756	3,541,375	3,904,374	4,287,932	4,728,231	5,174,115
Agricultural services, forestry, fisheries, and other[7]	37,027	39,632	43,572	36,563	45,506	47,979	28,348	28,826	27,123	26,228	39,353	46,182
Agricultural services	34,507	38,513	41,729	34,875	43,871	46,089	22,124	23,048	23,723	24,995	37,210	44,015
Forestry, fisheries, and other[7]	2,520	1,119	1,843	1,688	1,635	1,890	6,224	5,778	3,400	1,233	2,143	2,167
Mining	498,061	467,958	377,867	309,498	311,604	328,813	23,927	24,335	29,034	17,112	18,060	19,474
Coal mining	125,845	119,090	128,159	129,152	118,475	119,579	0	0	0	0	0	0
Oil and gas extraction	133,033	149,437	133,568	79,448	63,703	68,315	(D)	12,610	18,283	(D)	(D)	(D)
Metal mining	215,559	176,661	90,811	73,847	105,658	116,790	(D)	(L)	(L)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	23,624	22,770	25,329	27,051	23,768	24,129	12,783	11,730	10,757	12,311	13,539	15,022
Construction	880,880	1,070,843	1,084,912	1,026,846	931,485	923,235	292,169	334,460	398,233	465,493	520,133	574,661
Manufacturing	1,920,383	2,211,429	2,343,290	2,363,834	2,417,623	2,677,716	1,063,435	1,142,478	1,222,402	1,297,670	1,357,529	1,427,296
Nondurable goods	470,644	508,877	549,090	582,438	627,163	700,666	241,136	256,793	270,532	301,124	309,561	322,523
Food and kindred products	153,959	161,541	173,407	189,163	213,188	224,286	41,181	45,528	49,603	58,611	65,036	72,803
Textile mill products	1,493	1,858	1,060	1,247	2,691	4,569	13,429	12,893	12,944	13,108	14,239	15,930
Apparel and other textile products	62,353	65,658	64,412	64,621	62,296	65,117	19,550	20,544	17,082	18,467	17,632	17,012
Paper and allied products	13,782	16,565	27,018	32,254	33,486	36,258	55,766	58,162	63,603	66,563	66,247	66,063
Printing and publishing	107,015	117,517	128,863	138,988	148,452	164,028	68,237	71,930	78,639	92,047	95,520	104,301
Chemicals and allied products	69,434	80,464	83,816	82,338	82,701	106,458	14,175	15,912	16,046	16,980	17,768	18,990
Petroleum and coal products	40,256	39,652	41,354	40,972	40,919	40,838	440	342	(L)	(L)	(L)	(L)
Tobacco manufactures	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	21,411	24,901	28,472	32,065	42,895	58,563	23,978	27,282	29,183	30,573	28,368	24,638
Leather and leather products	907	(D)	(D)	(D)	487	514	4,374	4,192	3,414	4,744	4,712	2,764
Durable goods	1,449,739	1,702,552	1,794,200	1,781,396	1,790,460	1,977,050	822,299	885,685	951,870	996,546	1,047,968	1,104,773
Lumber and wood products	55,053	63,432	65,523	61,023	59,582	57,973	60,623	70,178	73,541	82,646	95,433	103,915
Furniture and fixtures	36,275	43,235	49,129	48,262	50,773	49,342	28,378	30,393	35,367	37,336	42,204	47,418
Primary metal industries	204,098	219,770	197,256	141,334	109,143	199,946	15,487	18,211	17,748	18,990	19,873	20,413
Fabricated metal products	132,420	157,968	151,833	144,831	147,431	150,843	94,614	99,068	105,415	104,236	104,989	104,566
Machinery, except electrical	327,008	377,150	406,982	412,879	395,856	373,002	109,493	114,048	116,309	113,567	111,607	126,151
Electric and electronic equipment	171,095	211,069	197,285	203,290	200,482	220,038	359,199	387,181	415,125	425,511	434,490	458,179
Transportation equip. excl. motor vehicles	303,613	370,486	454,317	486,697	539,297	576,174	62,045	63,593	75,950	90,469	96,645	92,909
Motor vehicles and equipment	24,123	32,199	32,614	34,927	38,748	41,480	4,623	5,996	5,220	3,795	2,928	2,137
Stone, clay, and glass products	84,233	108,135	112,665	113,369	102,842	100,263	47,066	48,873	54,606	57,754	67,367	74,790
Instruments and related products	75,242	75,963	78,037	86,260	90,395	117,838	29,935	34,500	39,070	49,526	58,542	58,227
Miscellaneous manufacturing industries	36,579	43,145	48,559	48,524	55,911	90,151	10,836	13,644	13,519	12,716	13,890	16,068
Transportation and public utilities	1,096,519	1,150,680	1,185,990	1,210,051	1,240,969	1,324,443	242,965	265,561	280,214	287,872	301,757	324,951
Railroad transportation	143,763	158,649	159,530	137,216	119,913	111,528	20,165	22,615	24,269	19,085	11,550	10,795
Trucking and warehousing	269,334	304,982	310,461	320,553	353,135	397,867	76,708	86,472	88,769	91,849	100,848	109,936
Water transportation	2,820	170	95	94	119	320	2,387	2,546	2,855	3,074	3,433	3,980
Other transportation[8]	160,703	162,240	163,273	183,802	220,180	277,590	25,121	28,466	30,910	35,737	41,040	42,576
Communication	254,802	251,498	263,561	251,359	252,430	241,276	69,805	70,806	71,336	73,241	76,991	83,224
Electric, gas, and sanitary services	265,097	273,141	289,070	317,027	295,192	295,862	48,779	54,656	62,075	64,886	67,895	74,440
Wholesale trade	763,300	818,765	874,827	904,189	904,485	984,769	172,503	193,903	227,154	248,958	295,299	344,891
Retail trade	1,153,855	1,257,003	1,330,703	1,386,327	1,421,898	1,490,954	426,087	465,848	511,481	553,013	619,030	683,304
Finance, insurance, and real estate	567,141	634,345	686,385	767,518	827,305	842,351	159,583	173,581	195,518	234,916	278,757	311,624
Banking and credit agencies	270,583	310,450	316,257	346,335	355,565	357,524	69,725	77,130	85,592	97,598	110,156	121,898
Other finance, insurance, and real estate[9]	296,558	323,895	370,128	421,183	471,740	484,827	89,858	96,451	109,926	137,318	168,601	189,726
Services	2,102,073	2,403,323	2,667,720	2,930,078	3,310,475	3,595,930	811,739	912,383	1,013,215	1,156,670	1,298,313	1,441,732
Hotels and other lodging places	87,751	84,294	87,700	81,115	98,240	98,943	80,950	96,965	103,603	120,975	142,246	154,464
Personal services	94,745	106,222	129,486	140,131	146,075	160,628	37,886	40,059	51,647	58,375	63,979	71,920
Private households	16,746	(D)	(D)	(D)	(D)	19,648	19,922	22,231	22,449	22,504	22,838	23,391
Business services	334,418	414,430	481,780	537,349	628,026	717,619	89,488	103,128	122,958	146,218	168,220	178,476
Auto repair, services, and garages	112,038	134,337	145,805	156,655	162,042	173,399	36,062	42,403	48,793	55,609	60,811	70,306
Miscellaneous repair services	62,605	70,634	71,292	74,407	76,879	87,560	10,973	14,006	11,862	14,952	16,902	22,156
Amusement and recreation services	50,661	64,709	75,601	81,748	87,829	93,199	14,670	18,125	19,179	22,119	25,818	27,533
Motion pictures	15,215	31,854	33,937	41,943	41,473	34,009	2,109	3,040	3,375	4,558	5,873	4,845
Health services	648,198	693,585	767,096	852,769	1,007,396	1,081,947	283,547	301,963	327,500	366,493	408,388	462,180
Legal services	127,503	148,252	158,816	179,347	205,099	219,811	44,173	54,200	60,867	70,348	76,968	87,908
Educational services	145,999	163,917	183,192	210,503	228,946	241,131	77,315	86,093	93,690	102,193	113,399	124,743
Social services	34,542	39,176	43,594	45,768	51,963	63,448	29,985	33,475	37,149	38,398	41,619	48,096
Museums, botanical, zoological gardens	1,344	(D)	(D)	(D)	(D)	1,775	1,623	1,680	2,180	2,387	2,583	2,697
Membership organizations	185,118	207,736	222,595	239,671	259,765	286,635	24,816	25,990	27,224	28,464	29,557	34,340
Miscellaneous services	185,190	224,103	246,370	267,917	295,793	316,178	58,220	69,025	80,739	103,077	119,112	128,677
Government and government enterprises	2,444,836	2,615,348	2,874,363	3,039,466	3,111,265	3,233,589	567,017	611,032	659,156	706,241	769,430	856,739
Federal, civilian	862,803	922,916	1,011,554	1,025,900	1,053,698	1,092,254	105,839	112,304	121,406	123,006	133,388	151,291
Military	159,411	171,874	188,642	200,258	208,764	212,366	17,789	19,256	20,535	23,128	25,630	26,940
State and local	1,422,622	1,520,558	1,674,167	1,813,308	1,848,803	1,928,969	443,389	479,472	517,215	560,107	610,412	678,508

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Virginia						Washington					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**69,309,698**	**76,452,199**	**82,523,057**	**89,589,190**	**97,867,817**	**106,259,757**	**54,551,582**	**58,415,764**	**62,031,519**	**66,280,478**	**71,005,967**	**76,542,188**
Nonfarm personal income	69,182,610	75,950,661	82,198,915	89,174,531	97,332,611	105,680,682	53,315,828	57,227,109	61,006,401	64,858,652	69,561,263	75,212,519
Farm income[1]	127,088	501,538	324,142	414,659	535,206	579,075	1,235,754	1,188,655	1,025,118	1,421,826	1,444,704	1,329,669
Population (thousands)[2]	5,559.1	5,635.6	5,702.0	5,797.9	5,913.8	6,015.1	4,304.7	4,350.3	4,407.8	4,461.1	4,541.8	4,647.9
Per capita personal income (dollars)	**12,468**	**13,566**	**14,473**	**15,452**	**16,549**	**17,665**	**12,673**	**13,428**	**14,073**	**14,858**	**15,634**	**16,468**
Derivation of total personal income:												
Total earnings by place of work	48,071,352	53,554,532	58,420,199	63,904,759	70,485,909	76,600,827	38,760,499	41,470,885	43,755,600	47,266,154	50,748,393	54,701,968
Less: Personal contributions for social insurance[3]	2,632,400	2,882,378	3,262,845	3,630,554	3,978,913	4,507,570	2,159,383	2,339,700	2,594,759	2,857,117	3,070,069	3,464,670
Plus: Adjustment for residence	3,055,991	3,239,083	3,252,150	3,368,981	3,525,510	3,762,210	408,143	405,209	463,118	469,989	504,842	525,152
Equals: Net earnings by place of residence	48,494,943	53,911,237	58,409,504	63,643,186	70,032,506	75,855,467	37,009,259	39,536,394	41,623,959	44,879,026	48,183,166	51,762,450
Plus: Dividends, interest, and rent[4]	10,800,043	12,197,335	13,067,525	14,055,269	15,285,879	16,915,596	8,984,910	9,867,761	10,599,593	11,114,035	11,948,090	13,173,304
Plus: Transfer payments	10,014,712	10,343,627	11,046,028	11,890,735	12,549,432	13,488,694	8,557,413	9,011,609	9,807,967	10,287,417	10,874,711	11,606,434
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	40,934,975	45,322,345	49,651,306	54,026,185	59,480,403	64,638,710	31,493,774	33,735,440	35,696,080	38,221,097	41,021,747	44,471,103
Other labor income	3,753,437	3,957,883	4,136,530	4,544,970	4,989,939	5,447,193	2,934,313	3,039,504	3,079,973	3,284,311	3,497,687	3,779,311
Proprietors' income[5]	3,382,940	4,274,304	4,632,363	5,333,604	6,015,567	6,514,924	4,332,412	4,695,941	4,979,547	5,760,746	6,228,959	6,451,554
Farm	−2,564	374,017	198,280	291,084	405,951	449,991	925,577	883,934	723,692	1,123,190	1,129,874	1,013,391
Nonfarm	3,385,504	3,900,287	4,434,083	5,042,520	5,609,616	6,064,933	3,406,835	3,812,007	4,255,855	4,637,556	5,099,085	5,438,163
Earnings by industry:												
Farm	127,088	501,538	324,142	414,659	535,206	579,075	1,235,754	1,188,655	1,025,118	1,421,826	1,444,704	1,329,669
Nonfarm	47,944,264	53,052,994	58,096,057	63,490,100	69,950,703	76,021,752	37,524,745	40,282,230	42,730,482	45,844,328	49,303,689	53,372,299
Private	34,626,605	38,891,472	42,912,589	47,531,262	52,854,833	57,641,609	30,035,155	32,316,840	34,159,650	36,939,875	39,819,765	43,212,756
Agricultural services, forestry, fisheries, and other[7]	181,471	181,624	222,000	255,612	319,716	361,744	439,218	372,192	505,466	637,103	710,200	815,162
Agricultural services	145,029	161,211	182,046	207,992	278,577	315,324	199,121	207,606	205,559	212,292	301,693	332,754
Forestry, fisheries, and other[7]	36,442	20,413	39,954	47,620	41,139	46,420	240,097	164,586	299,907	424,811	408,507	482,408
Mining	700,642	807,165	820,044	698,999	652,034	670,965	145,400	154,548	187,910	131,884	136,711	151,412
Coal mining	558,585	649,032	613,570	583,028	529,236	526,486	(D)	(D)	34,155	(D)	(D)	(D)
Oil and gas extraction	88,055	97,333	140,374	45,819	44,819	42,621	67,197	71,959	105,405	37,472	37,353	(D)
Metal mining	5,201	5,113	4,723	1,094	2,553	2,510	(D)	(D)	11,492	(D)	(D)	(D)
Nonmetallic minerals, except fuels	48,801	55,687	61,377	69,058	75,426	99,348	35,612	39,562	36,858	40,452	40,110	43,305
Construction	2,881,550	3,465,135	4,089,640	4,919,994	5,605,730	6,189,171	2,658,103	2,848,258	2,756,169	3,013,781	3,252,246	3,555,271
Manufacturing	8,621,518	9,421,608	9,922,064	10,485,335	11,121,882	11,658,595	8,130,705	8,755,818	9,208,621	10,057,471	10,564,126	11,526,801
Nondurable goods	4,509,748	4,763,573	4,942,336	5,225,378	5,550,485	5,697,239	2,198,813	2,344,200	2,473,632	2,572,052	2,707,575	2,906,224
Food and kindred products	670,336	704,904	750,325	783,664	809,920	793,990	683,530	690,393	707,791	721,222	755,024	796,289
Textile mill products	667,043	686,786	669,429	727,833	800,759	779,352	16,469	15,067	18,110	(D)	22,621	23,919
Apparel and other textile products	327,707	346,086	335,544	351,086	354,310	354,762	84,456	94,700	91,838	91,535	93,599	95,102
Paper and allied products	403,607	441,825	465,515	496,201	523,522	546,712	545,267	600,664	632,637	654,195	691,565	697,757
Printing and publishing	523,685	592,643	676,048	766,875	847,178	936,015	349,971	378,304	406,250	442,283	474,668	523,346
Chemicals and allied products	960,548	1,019,933	1,040,992	1,084,197	1,137,266	1,160,454	347,885	380,041	422,311	438,549	449,835	523,969
Petroleum and coal products	16,406	16,857	17,224	19,527	20,953	21,448	85,445	83,303	93,938	92,609	96,864	103,697
Tobacco manufactures	596,424	568,558	575,021	559,132	586,093	612,191	(L)	54	(L)	(D)	64	(L)
Rubber and misc. plastic products	309,672	350,613	377,904	407,333	447,044	476,665	80,114	94,970	95,609	105,038	117,225	134,765
Leather and leather products	34,320	35,368	34,334	29,530	23,440	15,650	5,635	6,704	5,119	(D)	6,110	7,348
Durable goods	4,111,770	4,658,035	4,979,728	5,259,957	5,571,397	5,961,356	5,931,892	6,411,618	6,734,989	7,485,419	7,856,551	8,620,577
Lumber and wood products	351,768	405,774	442,260	513,886	583,130	618,656	1,125,191	1,122,540	1,064,065	1,099,969	1,166,465	1,235,271
Furniture and fixtures	322,674	356,078	373,403	391,200	416,281	426,247	58,755	67,450	70,128	70,604	79,029	91,715
Primary metal industries	302,338	348,822	340,794	345,732	367,111	417,995	475,114	511,042	470,217	446,472	416,276	474,740
Fabricated metal products	445,668	472,908	502,445	520,765	523,508	544,123	246,868	264,607	257,345	271,485	291,815	304,472
Machinery, except electrical	306,282	379,714	420,943	411,902	449,495	574,464	419,171	451,533	481,178	516,196	471,099	565,132
Electric and electronic equipment	958,876	1,110,090	1,157,848	1,180,872	1,256,155	1,260,871	268,749	288,190	318,447	351,449	373,325	390,104
Transportation equip. excl. motor vehicles	871,030	952,684	1,044,698	1,082,098	1,105,358	1,166,590	2,790,930	3,084,703	3,437,879	4,055,698	4,270,683	4,681,095
Motor vehicles and equipment	182,478	209,087	231,428	275,799	262,019	294,251	56,031	63,463	57,100	73,838	146,435	159,167
Stone, clay, and glass products	250,725	286,585	314,779	349,162	390,231	413,262	164,175	177,611	178,792	179,199	192,185	211,436
Instruments and related products	64,517	70,391	80,765	112,348	129,293	154,851	239,517	276,274	302,078	317,744	339,986	383,353
Miscellaneous manufacturing industries	55,414	65,902	70,365	76,193	88,816	90,046	87,391	104,205	97,760	102,765	109,253	124,092
Transportation and public utilities	3,553,664	3,964,186	4,263,781	4,621,651	5,013,048	5,353,578	2,771,480	2,961,904	3,065,359	3,201,039	3,352,584	3,567,342
Railroad transportation	410,836	434,670	414,241	403,521	415,117	404,366	249,431	264,559	248,123	237,155	238,179	222,888
Trucking and warehousing	683,622	801,048	810,874	886,375	971,104	1,035,298	606,247	696,262	705,382	748,888	807,342	864,060
Water transportation	90,618	98,221	104,557	108,518	120,072	129,369	274,675	286,218	286,843	282,671	317,561	348,597
Other transportation[8]	729,225	811,357	887,312	1,022,670	1,113,564	1,233,648	578,812	652,842	693,835	759,736	781,911	857,931
Communication	1,049,169	1,163,364	1,309,800	1,369,898	1,513,780	1,625,106	824,880	804,840	848,703	878,288	928,808	966,435
Electric, gas, and sanitary services	590,194	655,526	736,997	830,669	879,411	925,791	237,435	257,183	282,473	294,301	278,783	307,431
Wholesale trade	2,571,799	2,896,060	3,066,979	3,383,074	3,694,210	4,060,937	2,497,201	2,732,167	2,799,124	2,927,527	3,114,288	3,390,714
Retail trade	4,550,564	5,015,294	5,525,332	6,102,911	6,590,449	7,134,118	4,125,559	4,304,393	4,460,390	4,682,040	4,991,818	5,409,797
Finance, insurance, and real estate	2,179,867	2,443,540	2,741,152	3,178,590	3,793,672	4,197,314	2,124,073	2,274,979	2,335,748	2,627,526	2,885,711	3,072,492
Banking and credit agencies	856,463	962,588	1,074,533	1,264,380	1,466,629	1,606,357	837,477	900,210	958,903	1,080,233	1,139,538	1,179,578
Other finance, insurance, and real estate[9]	1,323,404	1,480,952	1,666,619	1,914,210	2,327,043	2,590,957	1,286,596	1,374,769	1,376,845	1,547,293	1,746,173	1,892,914
Services	9,385,530	10,696,860	12,261,597	13,885,096	16,064,092	18,015,187	7,143,416	7,912,581	8,840,863	9,661,504	10,812,081	11,723,765
Hotels and other lodging places	391,373	423,521	480,754	489,263	562,617	593,378	218,578	218,785	225,258	218,058	255,748	272,400
Personal services	455,551	499,986	611,667	673,290	742,840	818,672	390,829	430,990	511,284	542,391	583,266	624,292
Private households	281,247	315,620	319,393	321,981	328,604	336,902	86,085	96,271	97,510	98,155	100,102	103,040
Business services	2,351,023	2,849,667	3,517,942	4,044,707	4,850,849	5,426,337	1,223,672	1,431,026	1,643,376	1,827,277	2,214,951	2,312,929
Auto repair, services, and garages	326,058	380,985	430,469	480,565	549,294	618,654	358,327	431,147	490,461	523,548	554,513	596,541
Miscellaneous repair services	183,553	215,721	207,608	242,906	267,598	306,764	192,579	221,148	217,102	238,500	258,101	291,900
Amusement and recreation services	151,463	169,949	192,352	216,935	247,637	294,413	189,512	226,475	249,517	268,771	296,185	317,543
Motion pictures	27,536	32,472	35,101	36,119	40,700	50,885	27,404	34,986	36,259	40,638	40,420	42,050
Health services	2,671,203	2,880,969	3,174,861	3,489,324	4,053,022	4,496,454	2,358,501	2,473,564	2,752,481	2,987,360	3,356,420	3,697,716
Legal services	506,911	612,474	678,915	787,732	886,964	1,017,371	533,181	619,633	717,903	819,347	869,968	962,652
Educational services	285,064	301,048	334,811	374,413	413,860	464,881	208,966	230,666	256,651	268,698	297,789	329,750
Social services	208,192	232,680	259,672	295,464	337,899	385,329	200,458	229,977	250,694	268,026	295,904	332,526
Museums, botanical, zoological gardens	9,121	10,015	11,387	42,664	45,736	49,453	3,407	3,796	4,221	4,683	5,815	7,060
Membership organizations	459,212	495,973	545,106	587,273	652,189	724,719	394,169	413,862	422,974	441,051	464,379	514,269
Miscellaneous services	1,078,023	1,275,780	1,461,559	1,802,460	2,084,283	2,430,975	757,748	850,255	965,172	1,115,001	1,218,520	1,319,097
Government and government enterprises	13,317,659	14,161,522	15,183,468	15,958,838	17,095,870	18,380,143	7,489,590	7,965,390	8,570,832	8,904,453	9,483,924	10,159,543
Federal, civilian	4,706,975	4,963,637	5,154,519	5,162,187	5,452,295	5,899,081	1,751,266	1,813,411	1,890,884	1,863,131	1,994,780	2,135,220
Military	3,557,656	3,821,695	4,129,269	4,258,510	4,459,543	4,595,056	1,048,531	1,096,501	1,204,565	1,226,347	1,284,909	1,365,377
State and local	5,053,028	5,376,190	5,899,680	6,538,141	7,184,032	7,886,006	4,689,793	5,055,478	5,475,383	5,814,975	6,204,235	6,658,946

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	West Virginia						Wisconsin					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**17,894,714**	**18,901,772**	**19,504,244**	**20,202,346**	**20,879,753**	**21,939,991**	**55,035,420**	**59,900,493**	**62,899,876**	**66,497,888**	**70,644,258**	**75,492,436**
Nonfarm personal income	17,875,662	18,838,064	19,467,387	20,147,344	20,839,987	21,874,894	54,212,229	58,563,783	61,605,916	64,840,969	68,887,623	74,072,032
Farm income[1]	19,052	63,708	36,857	55,002	39,766	65,097	823,191	1,336,710	1,293,960	1,656,919	1,756,635	1,420,404
Population (thousands)[2]	1,962.6	1,951.0	1,937.2	1,917.6	1,898.1	1,876.8	4,748.6	4,763.6	4,775.8	4,783.8	4,806.9	4,854.5
Per capita personal income (dollars)	**9,118**	**9,688**	**10,068**	**10,535**	**11,000**	**11,690**	**11,590**	**12,575**	**13,170**	**13,901**	**14,696**	**15,551**
Derivation of total personal income:												
Total earnings by place of work	12,115,906	12,873,191	13,201,640	13,532,287	13,906,086	14,587,264	38,099,113	42,050,471	43,997,385	46,783,875	50,081,461	53,659,917
Less: Personal contributions for social insurance[3]	695,858	742,967	806,026	824,484	848,852	944,712	2,292,869	2,515,971	2,769,117	2,900,907	3,094,686	3,521,040
Plus: Adjustment for residence	−232,351	−222,229	−227,867	−254,293	−208,737	−289,908	633,777	738,330	815,166	939,649	1,042,630	1,152,062
Equals: Net earnings by place of residence	11,187,697	11,907,995	12,167,747	12,453,510	12,848,497	13,352,644	36,440,021	40,272,830	42,043,434	44,822,617	48,029,405	51,290,939
Plus: Dividends, interest, and rent[4]	2,528,456	2,769,801	2,846,625	3,018,457	3,153,159	3,384,044	9,482,949	10,416,972	11,012,076	11,351,851	11,856,350	12,966,078
Plus: Transfer payments	4,178,561	4,223,976	4,489,872	4,730,379	4,878,097	5,203,303	9,112,450	9,210,691	9,844,366	10,323,420	10,758,503	11,235,419
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,946,858	10,540,405	10,849,182	11,079,987	11,370,126	11,901,716	31,043,230	33,874,958	35,590,521	37,537,024	40,099,093	43,387,984
Other labor income	1,191,673	1,208,738	1,177,047	1,186,774	1,209,226	1,267,913	3,364,858	3,540,215	3,553,394	3,764,426	4,050,092	4,369,923
Proprietors' income[6]	977,375	1,124,048	1,175,411	1,265,526	1,326,734	1,417,635	3,691,025	4,635,298	4,853,470	5,482,425	5,932,276	5,902,010
Farm	−2,000	42,990	16,603	35,016	18,953	44,389	522,210	1,041,122	1,001,574	1,369,497	1,454,781	1,119,101
Nonfarm	979,375	1,081,058	1,158,808	1,230,510	1,307,781	1,373,246	3,168,815	3,594,176	3,851,896	4,112,928	4,477,495	4,782,909
Earnings by industry:												
Farm	19,052	63,708	36,857	55,002	39,766	65,097	823,191	1,336,710	1,293,960	1,656,919	1,756,635	1,420,404
Nonfarm	12,096,854	12,809,483	13,164,783	13,477,285	13,866,320	14,522,167	37,275,922	40,713,761	42,703,425	45,126,956	48,324,826	52,239,513
Private	10,108,709	10,702,314	10,897,714	11,088,431	11,381,269	11,987,374	31,691,246	34,752,435	36,350,962	38,417,973	41,310,972	44,788,255
Agricultural services, forestry, fisheries, and other[7]	32,040	31,248	29,626	28,296	42,722	46,862	216,648	224,801	213,498	201,302	276,706	306,739
Agricultural services	27,371	27,408	27,049	26,556	41,086	45,092	182,212	194,111	191,924	193,263	264,743	294,835
Forestry, fisheries, and other[7]	4,669	3,840	2,577	1,740	1,636	1,770	34,436	30,690	21,574	8,039	11,963	11,904
Mining	1,751,199	1,892,429	1,782,151	1,673,462	1,560,637	1,541,756	117,104	123,066	155,219	86,241	91,505	95,207
Coal mining	1,575,502	1,707,016	1,595,523	1,525,739	1,417,137	1,395,951	218	555	743	713	347	348
Oil and gas extraction	154,446	161,992	162,611	121,872	115,647	119,464	70,899	(D)	108,426	34,315	33,142	32,152
Metal mining	(L)	(L)	(L)	(L)	92	71	3,065	(D)	1,386	2,044	6,173	6,171
Nonmetallic minerals, except fuels	21,260	23,459	24,037	25,852	27,761	26,270	42,922	43,628	44,664	49,169	51,843	56,536
Construction	596,931	621,964	653,341	672,820	738,788	768,752	1,857,538	2,109,461	2,197,638	2,468,836	2,719,123	2,972,047
Manufacturing	2,363,479	2,467,723	2,505,126	2,530,198	2,544,427	2,716,540	12,121,842	13,481,241	13,770,678	14,250,632	15,105,799	16,358,160
Nondurable goods	1,082,137	1,092,634	1,111,266	1,106,971	1,117,589	1,184,660	4,479,041	4,785,362	4,984,472	5,286,730	5,646,084	6,018,634
Food and kindred products	90,346	88,226	87,704	86,559	87,567	88,357	1,403,056	1,420,374	1,420,932	1,494,447	1,574,975	1,680,607
Textile mill products	9,247	11,262	10,337	(D)	(D)	(D)	72,684	79,528	79,680	81,545	86,932	96,543
Apparel and other textile products	42,949	40,317	41,374	38,271	40,467	40,936	91,246	92,666	95,993	103,654	115,289	121,203
Paper and allied products	22,550	23,594	22,412	22,749	24,893	27,594	1,404,788	1,501,697	1,599,579	1,680,295	1,784,618	1,860,399
Printing and publishing	81,143	80,727	88,242	90,107	96,737	99,651	681,718	763,115	818,159	888,621	971,761	1,059,845
Chemicals and allied products	755,106	767,083	778,930	773,939	768,180	820,951	292,181	316,225	337,218	362,123	374,654	405,580
Petroleum and coal products	24,025	23,084	22,031	21,469	20,693	21,334	15,745	16,501	13,552	14,416	15,513	17,960
Tobacco manufactures	4,149	4,418	4,504	(D)	(D)	(D)	139	148	105	137	76	(L)
Rubber and misc. plastic products	30,938	34,901	36,106	37,054	41,761	43,800	368,110	453,819	486,133	535,431	589,467	635,493
Leather and leather products	21,684	19,022	19,626	20,496	20,903	20,877	149,374	141,289	133,121	126,061	132,799	140,965
Durable goods	1,281,342	1,375,089	1,393,860	1,423,227	1,426,838	1,531,880	7,642,801	8,695,879	8,786,206	8,963,902	9,459,715	10,339,526
Lumber and wood products	77,354	90,263	96,502	109,906	126,751	139,256	367,635	422,025	449,477	505,573	576,403	634,001
Furniture and fixtures	13,467	14,504	16,505	18,913	20,256	20,592	163,149	182,163	191,414	204,855	226,821	252,306
Primary metal industries	560,860	568,964	482,920	517,197	511,816	664,242	459,302	553,785	518,226	528,257	549,386	659,129
Fabricated metal products	125,316	143,868	230,173	217,469	216,029	136,790	1,212,033	1,360,318	1,379,007	1,457,636	1,503,199	1,662,532
Machinery, except electrical	123,928	147,567	159,001	149,911	158,234	155,069	2,525,515	2,946,362	3,001,749	3,102,488	3,256,971	3,507,036
Electric and electronic equipment	86,253	87,688	81,299	73,248	74,030	74,337	1,178,306	1,308,849	1,321,821	1,321,111	1,334,272	1,436,124
Transportation equip. excl. motor vehicles	34,139	45,625	42,443	47,638	42,721	54,679	163,785	186,177	176,067	208,721	211,311	209,009
Motor vehicles and equipment	4,992	7,686	18,016	16,482	17,088	20,345	980,291	1,077,080	1,059,868	937,044	1,050,321	1,145,637
Stone, clay, and glass products	226,008	233,777	230,872	239,179	227,880	218,138	180,973	198,093	198,510	215,878	240,935	263,877
Instruments and related products	17,596	21,747	23,126	20,293	20,041	34,793	226,715	248,258	275,282	279,166	304,580	342,456
Miscellaneous manufacturing industries	11,429	13,400	13,003	12,991	11,992	13,639	185,097	212,769	214,785	203,173	205,516	227,419
Transportation and public utilities	1,136,189	1,207,781	1,206,096	1,202,156	1,235,682	1,276,523	2,481,503	2,701,595	2,764,068	2,930,790	3,014,806	3,182,088
Railroad transportation	246,757	253,680	246,883	218,985	205,051	212,803	236,459	238,002	217,758	195,617	170,562	162,088
Trucking and warehousing	222,187	253,961	243,463	261,892	275,978	284,439	875,692	1,035,330	1,047,425	1,119,581	1,198,856	1,292,305
Water transportation	21,392	25,667	26,916	29,213	28,710	28,654	19,083	18,851	18,169	16,350	16,347	18,585
Other transportation[8]	36,712	37,359	36,709	38,593	42,284	45,770	244,790	259,443	280,454	315,521	326,893	357,698
Communication	234,761	235,932	229,505	229,607	240,818	244,542	566,122	557,076	571,782	602,111	610,996	636,667
Electric, gas, and sanitary services	374,380	401,182	422,620	423,866	442,841	460,315	539,357	592,893	628,480	681,610	691,152	714,745
Wholesale trade	609,293	647,116	671,551	673,318	686,323	733,538	2,211,828	2,415,495	2,526,434	2,628,023	2,863,652	3,131,695
Retail trade	1,192,404	1,241,259	1,280,740	1,319,686	1,361,626	1,431,990	3,727,478	3,892,283	4,094,513	4,321,713	4,546,138	4,889,504
Finance, insurance, and real estate	414,880	440,068	453,467	478,621	516,293	551,940	1,972,825	2,092,761	2,229,774	2,450,640	2,709,806	2,933,899
Banking and credit agencies	198,398	210,613	225,879	239,336	244,436	251,879	697,821	749,433	810,476	859,934	904,721	952,765
Other finance, insurance, and real estate[9]	216,482	229,455	227,588	239,285	271,857	300,061	1,275,004	1,343,328	1,419,298	1,590,706	1,805,085	1,981,134
Services	2,012,294	2,152,726	2,315,616	2,509,874	2,694,771	2,919,473	6,984,480	7,711,732	8,399,140	9,079,796	9,983,437	10,918,916
Hotels and other lodging places	78,838	80,835	83,040	87,670	96,721	100,203	171,652	174,632	178,854	178,535	202,400	222,535
Personal services	117,837	120,562	147,096	156,393	166,762	179,289	357,144	387,040	466,343	496,588	529,720	577,225
Private households	48,787	53,672	53,239	52,366	51,928	51,673	84,122	93,321	93,593	93,157	93,795	95,321
Business services	167,363	183,938	212,308	242,886	261,866	293,898	1,149,177	1,391,136	1,634,677	1,803,065	1,997,235	2,218,311
Auto repair, services, and garages	72,048	79,107	88,847	94,060	96,916	105,090	260,318	308,364	345,928	360,134	384,512	434,086
Miscellaneous repair services	60,691	65,842	67,006	73,883	74,529	79,244	119,589	142,385	132,214	144,239	152,855	179,449
Amusement and recreation services	39,305	41,773	48,256	54,150	54,590	56,605	166,138	183,628	199,983	209,704	227,493	255,027
Motion pictures	3,616	4,135	4,032	4,910	3,816	4,230	13,884	16,195	16,031	15,845	15,371	20,098
Health services	966,313	1,014,902	1,075,528	1,135,741	1,244,510	1,356,418	2,957,190	3,069,306	3,223,805	3,464,329	3,852,756	4,105,985
Legal services	136,179	159,356	169,519	192,609	200,068	218,843	417,890	489,301	538,717	590,314	642,678	709,287
Educational services	40,539	46,673	51,744	54,637	56,948	60,875	269,458	306,665	336,036	363,040	390,694	423,900
Social services	46,138	50,707	54,972	61,412	66,698	71,185	241,656	268,209	295,909	311,699	352,109	395,986
Museums, botanical, zoological gardens	1,249	1,354	1,415	1,324	1,471	1,598	3,217	3,680	4,369	4,821	5,455	6,617
Membership organizations	116,742	121,196	119,140	130,265	136,743	145,736	324,882	353,126	360,160	381,468	410,325	448,885
Miscellaneous services	116,649	128,674	139,474	167,568	181,205	194,586	448,163	524,744	572,521	662,858	726,039	826,204
Government and government enterprises	1,988,145	2,107,169	2,267,069	2,388,854	2,485,051	2,534,793	5,584,676	5,961,326	6,352,463	6,708,983	7,013,854	7,451,258
Federal, civilian	362,790	386,511	401,296	402,388	427,946	465,108	643,541	680,974	722,707	725,258	776,751	839,832
Military	37,575	41,307	44,687	48,183	50,061	51,543	138,978	171,348	194,051	208,515	221,325	229,735
State and local	1,587,780	1,679,351	1,821,086	1,938,283	2,007,044	2,018,142	4,802,157	5,109,004	5,435,705	5,775,210	6,015,778	6,381,691

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Wyoming					
	1983	1984	1985	1986	1987	1988
Income by Place of Residence						
Total personal income	**6,112,322**	**6,279,690**	**6,537,169**	**6,453,694**	**6,301,840**	**6,537,845**
Nonfarm personal income	6,077,524	6,258,530	6,508,076	6,399,561	6,215,728	6,414,673
Farm income[1]	34,798	21,160	29,093	54,133	86,112	123,172
Population (thousands)[2]	516.4	512.9	509.7	507.1	489.7	479.3
Per capita personal income (dollars)	**11,836**	**12,244**	**12,826**	**12,728**	**12,868**	**13,641**
Derivation of total personal income:						
Total earnings by place of work	4,665,575	4,803,857	4,992,742	4,811,409	4,556,170	4,702,792
Less: Personal contributions for social insurance[3]	227,792	238,442	260,610	251,192	234,702	253,456
Plus: Adjustment for residence	−62,929	−65,475	−79,605	−78,903	−61,051	−62,115
Equals: Net earnings by place of residence	4,374,854	4,499,940	4,652,527	4,481,314	4,260,417	4,387,221
Plus: Dividends, interest, and rent[5]	1,001,135	1,064,342	1,114,557	1,100,121	1,143,927	1,211,834
Plus: Transfer payments	736,333	715,408	770,085	872,259	897,496	938,790
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	3,846,667	3,974,353	4,158,691	3,967,638	3,708,064	3,805,860
Other labor income	354,094	344,790	344,840	327,961	307,445	320,171
Proprietors' income[6]	464,814	484,714	489,211	515,810	540,661	576,761
Farm	−15,192	−28,367	−18,084	9,161	40,897	79,747
Nonfarm	480,006	513,081	507,295	506,649	499,764	497,014
Earnings by industry:						
Farm	34,798	21,160	29,093	54,133	86,112	123,172
Nonfarm	4,630,777	4,782,697	4,963,649	4,757,276	4,470,058	4,579,620
Private	3,634,878	3,725,979	3,842,310	3,594,495	3,313,255	3,391,079
Agricultural services, forestry, fisheries, and other[7]	23,448	22,425	20,790	18,635	24,719	25,776
Agricultural services	19,218	18,543	16,897	15,746	21,759	22,924
Forestry, fisheries, and other[7]	4,230	3,882	3,893	2,889	2,960	2,852
Mining	1,039,526	1,032,187	995,425	826,211	740,269	776,590
Coal mining	259,706	272,271	287,316	269,571	235,424	245,571
Oil and gas extraction	542,013	553,682	511,970	367,218	319,979	338,246
Metal mining	73,567	48,704	38,229	30,933	29,635	28,904
Nonmetallic minerals, except fuels	164,240	157,530	157,910	158,489	155,231	163,869
Construction	418,947	432,487	552,524	513,089	363,686	343,440
Manufacturing	199,043	198,229	196,325	199,714	207,404	226,588
Nondurable goods	118,046	105,594	105,465	109,591	114,070	128,007
Food and kindred products	20,285	19,735	21,779	23,621	23,340	24,484
Textile mill products	(L)	(L)	(L)	(L)	(L)	(L)
Apparel and other textile products	624	749	838	1,001	977	1,602
Paper and allied products	(L)	87	83	(L)	(L)	(L)
Printing and publishing	24,419	24,735	25,590	25,096	25,550	31,543
Chemicals and allied products	9,043	9,407	11,450	13,073	15,645	19,835
Petroleum and coal products	60,885	48,057	42,829	42,853	44,050	44,639
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	2,454	2,621	2,693	2,961	3,395	4,703
Leather and leather products	273	192	193	940	1,078	1,170
Durable goods	80,997	92,635	90,860	90,123	93,334	98,581
Lumber and wood products	19,593	22,414	21,913	24,452	28,483	29,886
Furniture and fixtures	(D)	268	372	230	388	1,166
Primary metal industries	(D)	7,722	5,251	5,859	5,493	6,348
Fabricated metal products	8,940	9,116	10,175	9,683	9,748	9,175
Machinery, except electrical	17,922	19,606	20,636	19,535	18,713	22,272
Electric and electronic equipment	80	1,524	1,351	1,340	1,617	931
Transportation equip. excl. motor vehicles	1,820	2,006	2,508	3,139	3,714	4,401
Motor vehicles and equipment	(D)	68	151	124	120	204
Stone, clay, and glass products	27,522	26,877	25,674	22,771	22,008	19,173
Instruments and related products	1,378	1,264	982	989	991	2,537
Miscellaneous manufacturing industries	1,610	1,770	1,847	2,001	2,059	2,488
Transportation and public utilities	511,154	531,671	532,815	513,594	500,528	507,728
Railroad transportation	130,565	139,448	135,831	126,982	125,825	116,796
Trucking and warehousing	123,395	135,927	129,546	117,948	125,465	135,714
Water transportation	218	184	127	78	(L)	(D)
Other transportation[8]	37,206	36,353	33,088	30,178	28,868	(D)
Communication	89,509	77,408	74,090	69,481	68,229	68,433
Electric, gas, and sanitary services	130,261	142,351	160,133	168,927	152,119	155,668
Wholesale trade	218,862	226,126	228,583	204,024	178,217	178,355
Retail trade	454,030	458,559	465,986	442,477	422,388	433,542
Finance, insurance, and real estate	160,544	168,538	174,684	174,483	171,028	168,236
Banking and credit agencies	89,554	93,810	96,226	93,882	88,516	86,872
Other finance, insurance, and real estate[9]	70,990	74,728	78,458	80,601	82,512	81,364
Services	609,324	655,757	675,178	702,268	705,016	730,824
Hotels and other lodging places	61,586	61,704	57,928	62,145	64,192	63,320
Personal services	36,083	37,137	45,761	46,084	44,358	45,729
Private households	8,910	9,787	9,728	9,628	9,299	9,160
Business services	84,385	93,958	92,877	87,795	80,744	83,171
Auto repair, services, and garages	39,169	43,872	46,634	44,387	43,855	49,929
Miscellaneous repair services	34,129	38,160	32,864	32,773	27,067	33,457
Amusement and recreation services	11,252	12,757	15,082	17,628	18,562	19,955
Motion pictures	1,754	2,341	2,819	2,879	2,459	2,486
Health services	144,528	152,709	161,413	176,501	200,125	202,989
Legal services	44,192	52,052	54,823	59,804	60,673	61,218
Educational services	8,118	9,458	9,787	9,806	10,827	12,293
Social services	21,782	24,773	27,084	27,068	27,854	30,178
Museums, botanical, zoological gardens	931	1,131	1,089	1,150	1,471	1,797
Membership organizations	36,348	36,728	37,031	36,551	37,719	41,116
Miscellaneous services	76,157	79,190	80,258	88,069	75,811	74,026
Government and government enterprises	995,899	1,056,718	1,121,339	1,162,781	1,156,803	1,188,541
Federal, civilian	165,382	174,729	184,462	186,029	197,380	213,437
Military	77,051	81,982	90,420	94,526	100,606	101,004
State and local	753,466	800,007	846,457	882,226	858,817	874,100

See footnotes at end of tables.

LOCAL AREA PERSONAL INCOME

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88

[Thousands of dollars]

	Buffalo—Niagara Falls, NY (CMSA)						Chicago—Gary—Lake County, IL—IN—WI (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**14,232,508**	**15,323,235**	**16,032,748**	**16,742,571**	**17,641,717**	**18,918,274**	**110,125,200**	**119,545,311**	**126,297,269**	**133,258,329**	**142,694,667**	**154,202,169**
Nonfarm personal income	14,205,593	15,287,741	15,995,509	16,703,728	17,594,941	18,876,391	110,104,090	119,406,660	126,144,446	133,114,552	142,553,303	154,098,252
Farm income[1]	26,915	35,494	37,239	38,843	46,776	41,883	21,110	138,651	152,823	143,777	141,364	103,917
Population (thousands)[2]	1,206.5	1,192.6	1,184.9	1,177.2	1,171.6	1,175.6	8,011.5	8,056.4	8,080.4	8,105.1	8,145.6	8,180.9
Per capita personal income (dollars)	**11,796**	**12,849**	**13,531**	**14,222**	**15,057**	**16,093**	**13,746**	**14,839**	**15,630**	**16,441**	**17,518**	**18,849**
Derivation of total personal income:												
Total earnings by place of work	9,681,436	10,431,490	11,067,002	11,612,024	12,303,321	13,221,849	82,328,393	90,063,281	95,568,993	101,745,747	109,417,928	118,945,768
Less: Personal contributions for social insurance[3]	613,148	667,715	743,851	810,969	852,555	959,501	4,963,990	5,447,834	6,070,009	6,630,629	7,062,351	8,006,493
Plus: Adjustment for residence	−103,267	−107,788	−108,788	−119,605	−122,312	−128,842	−682,805	−740,314	−726,148	−767,601	−869,113	−957,826
Equals: Net earnings by place of residence	8,965,021	9,655,987	10,214,363	10,681,450	11,328,454	12,133,506	76,681,598	83,875,133	88,772,836	94,347,517	101,486,464	109,981,449
Plus: Dividends, interest, and rent[4]	2,449,206	2,711,663	2,789,069	2,865,622	2,974,994	3,256,762	18,547,852	20,529,398	21,532,977	22,252,206	23,911,622	26,132,429
Plus: Transfer payments	2,818,281	2,955,585	3,029,316	3,195,499	3,338,269	3,528,006	14,895,750	15,140,780	15,991,456	16,658,606	17,296,581	18,088,291
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,062,982	8,678,966	9,248,516	9,704,581	10,280,988	11,069,174	68,621,910	74,903,417	79,375,440	84,350,703	90,549,380	98,745,711
Other labor income	906,550	930,321	939,025	980,078	1,014,033	1,068,400	7,271,125	7,628,240	7,753,962	8,228,999	8,836,879	9,567,361
Proprietors' income[5]	711,904	822,203	879,461	927,365	1,008,300	1,084,275	6,435,358	7,531,624	8,439,591	9,166,045	10,031,669	10,632,696
Farm	11,508	20,419	22,232	23,946	31,069	26,087	−19,950	98,388	112,641	103,938	99,377	61,950
Nonfarm	700,396	801,784	857,229	903,419	977,231	1,058,188	6,455,308	7,433,236	8,326,950	9,062,107	9,932,292	10,570,746
Earnings by industry:												
Farm	26,915	35,494	37,239	38,843	46,776	41,883	21,110	138,651	152,823	143,777	141,364	103,917
Nonfarm	9,654,521	10,395,996	11,029,763	11,573,181	12,256,545	13,179,966	82,307,283	89,924,630	95,416,170	101,601,970	109,276,564	118,841,851
Private	8,038,377	8,661,873	9,193,457	9,622,838	10,131,790	10,882,256	72,488,409	79,495,003	84,486,689	90,004,843	97,117,285	105,783,690
Agricultural services, forestry, fisheries, and other[7]	21,833	23,403	27,456	30,196	37,523	42,732	226,280	239,849	251,879	275,173*	350,036	414,784
Agricultural services	21,037	22,961	26,652	29,233	36,752	41,867	200,611*	214,727*	224,549*	248,028*	337,787	400,704
Forestry, fisheries, and other[7]	796	442	804	963	771	865	12,050*	11,876*	11,959*	11,456*	12,249	14,080
Mining	41,948	46,418	51,205	29,304	25,320	26,701	292,408	323,183	427,833	252,844*	234,934	228,955
Coal mining	177	309	226	240	117	118	4,686	(D)	3,922	5,728	(D)	(D)
Oil and gas extraction	31,488*	35,355*	38,531*	17,834*	13,551*	14,592	(D)	(D)	(D)	(D)	(D)	99,162*
Metal mining	−11*	(D)	(D)	(D)	(D)	100	(D)	(D)	(L)	68	(D)	782
Nonmetallic minerals, except fuels	8,107	7,934	8,438	9,689	10,236	11,891	(D)	(D)	(D)	(D)	(D)	122,362*
Construction	464,547	516,426	562,563	603,663	648,037	691,527	4,165,045	4,765,034	5,259,333	5,881,431	6,521,668	7,181,614
Manufacturing	3,034,830	3,194,331	3,309,494	3,314,028	3,322,398	3,480,592	20,806,754	22,453,851	22,574,320	22,566,800	23,258,957	25,487,879
Nondurable goods	951,752	993,171	990,540	1,028,106	1,082,339	1,143,913	7,655,761	8,112,860	8,340,391	8,568,755	8,939,006*	9,743,060*
Food and kindred products	205,680	209,338	197,002	212,914	225,796	242,451	1,819,780*	1,897,796*	1,893,472*	1,938,437*	1,979,827*	2,147,191*
Textile mill products	13,580	13,293	(D)	(D)	11,603	12,102	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	34,604*	35,913*	38,815*	40,036*	41,098*	47,685*	224,989*	218,644*	219,746*	231,131*	243,228*	277,810*
Paper and allied products	66,857	74,610	74,335	80,891	90,687	90,649	678,599*	704,814*	701,129	752,460*	790,722*	851,351*
Printing and publishing	191,414	206,192	223,659	237,928	247,395	257,459	2,095,890*	2,241,572*	2,381,780*	2,402,883*	2,570,579*	2,803,316*
Chemicals and allied products	253,689	261,681	253,606	254,979	264,848	284,444	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	46,267	42,158	43,320	38,152	36,959	34,942	375,854*	370,765*	381,968*	373,411*	374,591*	425,754*
Tobacco manufactures	911	986	0	0	0	0	13,158	14,830	13,660	11,901	(D)	(D)
Rubber and misc. plastic products	131,653	141,858	141,173	148,224	160,009	169,037	694,473*	779,978*	796,580*	826,052*	874,665*	863,193*
Leather and leather products	5,312*	5,518*	4,826	2,265	1,987*	2,512*	66,520*	64,065*	59,571*	56,607*	59,048*	70,063*
Durable goods	2,083,078	2,201,160	2,318,954	2,285,922	2,240,059	2,336,679	13,150,993	14,340,991	14,233,929	13,998,045	14,237,173*	15,549,336*
Lumber and wood products	12,135	13,985	15,196	17,432	18,593	21,485	127,603*	133,031*	138,855*	137,833*	158,322*	184,985*
Furniture and fixtures	13,916	16,650	17,971	18,495	21,325	20,261	329,247*	331,876*	334,881*	330,940*	368,443*	384,566*
Primary metal industries	306,108	193,879	159,213	147,495	152,042	164,510	2,870,811*	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	293,876	333,486	360,816	360,153	360,622	384,172	2,273,195*	2,533,042*	2,645,512*	2,727,589*	2,738,149*	2,783,084*
Machinery, except electrical	262,325	296,258	301,409	306,320	307,214	315,951	1,998,782*	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	264,206	276,865	272,372	276,207	264,470	240,104	2,531,006*	2,854,257*	2,782,088*	2,823,214*	2,816,222*	3,008,557*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	332,308*	419,355*	382,136*	387,917*	337,447*	395,736*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	650,970*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	124,656	116,548	109,247	106,631	119,431	125,116	408,624*	460,409*	477,224*	464,106*	509,593*	610,207*
Instruments and related products	81,513	87,880	94,594	99,346	100,200	111,538	736,754*	767,761*	840,491*	825,199*	784,138*	1,025,474*
Miscellaneous manufacturing industries	69,117	71,531	69,265	75,814	87,268	115,383	477,815*	508,813*	449,530*	495,296*	528,489*	575,562*
Transportation and public utilities	681,744	722,583	750,439	757,913	782,984	822,995	6,424,649*	6,994,886*	7,509,509*	7,912,581*	8,490,515*	8,837,579*
Railroad transportation	57,635	61,589	60,780	58,036	56,997	52,885	666,343*	697,569	652,610	652,796	(D)	616,681*
Trucking and warehousing	198,206	212,690	215,377	223,484	223,363	243,423	1,532,168	1,698,739	1,759,138	1,811,846*	2,038,514	2,190,898
Water transportation	18,719*	21,878	19,284*	16,849	18,755	20,765	43,360*	54,338*	53,851*	51,515*	(D)	61,729*
Other transportation[8]	(D)	83,254	(D)	96,210	99,305	113,250	1,539,757*	1,602,844*	1,752,700*	2,029,200*	(D)	2,455,991*
Communication	161,609	162,171	173,394	166,256	178,898	180,817	1,535,581*	1,688,305*	1,930,372*	1,988,020*	2,084,480*	2,071,262*
Electric, gas, and sanitary services	168,488	181,001	195,447	197,078	205,666	211,855	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	566,927	609,555	651,270	688,959	746,994	803,688	7,172,521	7,954,340	8,509,652	8,958,781	9,620,064	10,483,360
Retail trade	889,445	945,447	1,007,507	1,077,669	1,131,055	1,205,649	7,376,713	7,966,427	8,444,096	9,015,179	9,799,043	10,397,175
Finance, insurance, and real estate	461,644	508,142	533,118	613,417	709,042	783,999	6,921,689	7,585,471	8,211,405	9,098,032	10,379,488	11,542,598
Banking and credit agencies	219,715	260,905	264,673	317,331	365,270	399,322	2,176,539*	2,305,662*	2,449,771*	2,582,768*	2,945,348*	3,030,588*
Other finance, insurance, and real estate[9]	241,929	247,237	268,445	296,086	343,772	384,677	4,741,414*	4,847,197*	5,758,130*	5,906,824*	7,403,564*	7,678,857*
Services	1,875,459	2,095,568	2,300,405	2,507,689	2,728,437	3,024,373	18,978,713*	21,066,852*	23,131,800*	25,864,241*	28,263,121*	30,999,074*
Hotels and other lodging places	36,495	(D)	(D)	40,188	48,655	51,535	412,296*	413,275*	415,009*	434,958*	480,040*	580,136*
Personal services	73,150	77,684	96,034	106,427	113,300	121,885	734,294	759,563*	897,549*	1,001,890*	1,060,523*	1,150,834*
Private households	19,461	21,588	21,631	21,533	21,612	21,833	164,920	183,317	183,503	182,359	177,402*	166,971*
Business services	292,779	338,794	397,160	434,616	445,805	484,618	4,691,224	5,434,295	6,260,936	7,217,950	8,054,971	8,785,223
Auto repair, services, and garages	73,708	86,703	97,508	101,361	106,893	115,362	620,619	712,725	777,904	859,299	900,905	1,000,522
Miscellaneous repair services	36,267	40,279	40,549	44,480	45,887	53,681	314,151	344,222	328,928	387,257	374,209	475,984
Amusement and recreation services	59,866	65,896	72,086	74,559	81,202	97,871	337,958	378,659	402,513	459,358	502,217	536,086
Motion pictures	3,819	4,766	4,738	5,334	6,802	7,741	118,339*	178,690*	188,503*	201,966*	184,246*	203,484*
Health services	675,658	743,806	798,123	869,954	977,892	1,094,859	5,623,139	5,942,824	6,220,627	6,683,295	7,324,652	7,748,463
Legal services	160,922	195,685	213,995	241,824	254,363	289,091	1,769,580	2,095,051	2,302,745	2,662,938	2,958,028	3,359,726
Educational services	86,514	(D)	(D)	106,616	115,325	125,996	953,235*	1,037,858*	1,143,959*	1,191,385*	1,300,233*	1,442,780*
Social services	77,457	89,998	101,999	104,684	121,576	135,174	377,117*	395,194*	451,467*	512,463*	566,007*	649,758*
Museums, botanical, zoological gardens	3,420	3,533	3,566	3,572	4,083	4,447	45,831*	48,271*	53,497*	59,614*	68,100*	71,119*
Membership organizations	102,848	105,097	107,496	104,033	109,670	117,949	932,684	965,949	1,005,511	1,084,300	1,172,491	1,295,261
Miscellaneous services	173,095	188,127	206,215	248,508	275,372	302,331	1,867,018	2,161,046	2,484,847	2,910,658	3,098,154	3,512,663
Government and government enterprises	1,616,144	1,734,123	1,836,306	1,950,343	2,124,755	2,297,710	9,818,874	10,429,627	10,929,481	11,597,127	12,159,279	13,058,161
Federal, civilian	237,099	258,361	270,668	267,895	284,626	309,135	1,826,336	1,929,480	2,026,433	2,063,934	2,208,006	2,408,315
Military	21,178	21,906	23,629	24,715	26,170	27,209	488,850	536,941	597,766	659,672	636,278	634,005
State and local	1,357,867	1,453,856	1,542,009	1,657,733	1,813,959	1,961,366	7,503,688	7,963,206	8,305,282	8,873,521	9,314,995	10,015,841

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Cincinnati—Hamilton, OH—KY—IN (CMSA)						Cleveland—Akron—Lorain, OH (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**20,146,912**	**21,743,800**	**23,017,310**	**24,561,517**	**26,405,219**	**28,392,056**	**35,741,308**	**38,566,912**	**40,581,140**	**42,361,146**	**44,795,228**	**47,859,792**
Nonfarm personal income	20,128,125	21,696,306	22,975,482	24,524,504	26,365,164	28,355,969	35,710,223	38,510,692	40,521,898	42,303,232	44,731,574	47,801,300
Farm income[1]	18,787	47,494	41,828	37,013	40,055	36,087	31,085	56,220	59,242	57,914	63,654	58,492
Population (thousands)[2]	1,665.6	1,673.0	1,681.3	1,702.9	1,719.8	1,728.5	2,797.1	2,786.1	2,772.7	2,779.8	2,775.9	2,769.0
Per capita personal income (dollars)	**12,096**	**12,997**	**13,690**	**14,424**	**15,354**	**16,426**	**12,778**	**13,843**	**14,636**	**15,239**	**16,137**	**17,284**
Derivation of total personal income:												
Total earnings by place of work	14,602,844	15,878,742	16,968,100	18,215,328	19,687,896	21,113,218	26,314,603	28,572,672	30,102,076	31,444,241	33,232,010	35,543,164
Less: Personal contributions for social insurance[3]	938,349	1,027,307	1,153,562	1,261,132	1,349,047	1,505,622	1,717,733	1,877,165	2,076,810	2,208,087	2,312,926	2,575,024
Plus: Adjustment for residence	−62,992	−85,904	−117,945	−156,630	−198,216	−165,266	−610,727	−644,166	−676,796	−669,230	−680,567	−709,428
Equals: Net earnings by place of residence	13,601,503	14,765,531	15,696,593	16,797,566	18,140,633	19,442,330	23,986,143	26,051,341	27,348,470	28,566,924	30,238,517	32,258,712
Plus: Dividends, interest, and rent[4]	3,478,250	3,778,436	3,939,540	4,139,216	4,447,126	4,859,510	5,934,559	6,492,137	6,820,906	6,947,730	7,374,946	8,052,003
Plus: Transfer payments	3,067,159	3,199,833	3,381,177	3,624,735	3,817,460	4,090,216	5,820,606	6,023,434	6,411,764	6,846,492	7,181,765	7,549,077
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	12,255,615	13,327,484	14,319,054	15,341,522	16,590,941	17,843,476	22,014,116	23,881,491	25,236,744	26,203,327	27,642,663	29,622,556
Other labor income	1,342,229	1,393,535	1,419,552	1,523,653	1,615,908	1,701,144	2,475,697	2,565,729	2,560,292	2,655,906	2,752,083	2,905,392
Proprietors' income[5]	1,005,000	1,157,723	1,229,494	1,350,153	1,481,047	1,568,598	1,824,790	2,125,452	2,305,040	2,585,008	2,837,264	3,015,216
Farm	7,702	36,538	31,240	26,762	29,601	25,915	9,814	35,278	38,693	37,704	42,606	37,641
Nonfarm	997,298	1,121,185	1,198,254	1,323,391	1,451,446	1,542,683	1,814,976	2,090,174	2,266,347	2,547,304	2,794,658	2,977,575
Earnings by industry:												
Farm	18,787	47,494	41,828	37,013	40,055	36,087	31,085	56,220	59,242	57,914	63,654	58,492
Nonfarm	14,584,057	15,831,248	16,926,272	18,178,315	19,647,841	21,077,131	26,283,518	28,516,452	30,042,834	31,386,327	33,168,356	35,484,672
Private	12,893,699	14,018,091	14,997,801	16,111,069	17,439,045	18,669,480	23,237,393	25,284,443	26,602,454	27,791,163	29,374,219	31,462,774
Agricultural services, forestry, fisheries, and other[7]	34,605	36,294	38,994	41,128	55,110	63,506	76,236	82,925	85,364	89,099	111,639	128,706
Agricultural services	33,344	33,614*	38,357	40,564	54,525	62,902	(D)	(D)	(D)	88,172	110,736	127,778
Forestry, fisheries, and other[7]	1,261	(D)	637	564	585	604	2,788*	(D)	1,063*	927	903	928
Mining	56,247	59,759	77,376	37,475	35,111	34,853	141,030	151,990	176,565	118,534	113,082	105,059
Coal mining	2,593*	4,786	5,743	3,406	1,909	(D)	31,592	36,848	37,159	40,220	25,520	24,130
Oil and gas extraction	40,106*	43,053*	58,218*	20,691*	17,351*	17,011*	(D)	78,180*	(D)	(D)	47,117*	43,263*
Metal mining	(L)	(L)	(L)	(L)	98	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	9,716*	9,644*	10,074*	11,658*	13,188*	13,437*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	715,663*	813,919*	829,721*	990,197	1,152,130	1,259,857	1,262,714	1,443,321	1,446,761	1,427,916	1,569,838	1,670,722
Manufacturing	4,839,524	5,216,106	5,502,984	5,797,550	5,911,464	6,027,315	8,831,927	9,559,746	9,883,665	9,928,900	10,043,946	10,693,653
Nondurable goods	1,980,748	2,070,336	2,162,599	2,332,475	2,427,990	2,542,367	2,779,276	2,960,382	3,023,885	3,139,933	3,280,299	3,367,091
Food and kindred products	(D)	381,266*	380,209*	402,032*	398,750*	402,294*	255,515	251,521	252,513	260,533	281,650	300,167
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	51,627*	56,169*	56,043*	55,687*	59,369*	(D)	(D)	(D)	(D)	(D)	(D)	66,370*
Paper and allied products	284,852*	303,963*	321,107*	(D)	(D)	341,659*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	293,223	322,300	338,589	359,367	388,642	419,506	414,729	448,012*	483,055	516,062	541,515	577,356
Chemicals and allied products	731,293*	759,700*	814,158*	896,828*	963,352*	1,008,611*	612,567	614,821	618,756*	674,128	711,633	801,460
Petroleum and coal products	32,152*	32,562*	34,490*	31,853*	26,201	30,408	234,880*	250,425*	276,624	272,623	310,579	287,296
Tobacco manufactures	(D)	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	108,057*	124,657*	134,216*	(D)	(D)	181,635	987,360	1,084,129	1,081,787	1,105,665	1,123,672	1,071,066
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	1,016*	701	728*	(D)	(D)	(D)
Durable goods	2,858,776	3,145,770	3,340,385	3,465,075	3,483,474	3,484,948	6,052,651	6,599,364	6,859,780	6,788,967	6,763,647	7,326,562
Lumber and wood products	36,456*	38,719*	42,190*	48,434*	55,468*	58,545*	25,486	27,394	32,398	34,871	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	55,170*	(D)	(D)	70,464*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,023,036*	932,040*	1,034,673*	1,214,041*
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	1,296,057	1,441,564	1,496,381	1,536,719	1,510,439	1,611,372
Machinery, except electrical	534,298	658,938	695,776	716,957	726,508	740,406	1,153,761	1,284,461	1,341,044	1,276,379	1,252,736	1,415,602
Electric and electronic equipment	(D)	(D)	(D)	(D)	195,218*	262,210*	710,650	708,633	738,973*	733,231*	719,346*	693,892
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)	971,380*	1,018,539*	1,093,856*	1,086,147*	1,071,276*	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	78,317	135,714	144,694	146,888	141,220	160,332	170,843
Instruments and related products	44,193*	(D)	(D)	(D)	71,640*	82,096*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	87,896*	81,878*	92,225	102,085	118,899*	130,353
Transportation and public utilities	1,010,215*	1,075,863*	1,123,600*	1,200,918	1,314,696	1,434,338	1,801,618	1,905,819	1,902,544	1,973,981	2,009,941	2,036,286
Railroad transportation	108,571	116,989	115,192	108,555	99,593	102,092	95,148	98,794	92,449	91,731	83,949	82,843
Trucking and warehousing	321,132	349,924	354,615	353,742	377,011	402,598	522,946	579,133	573,763	597,066	623,314	656,114
Water transportation	18,401*	21,402*	21,205*	(D)	20,249*	29,302*	62,177*	68,920*	67,820*	65,794*	63,680*	65,953*
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	213,984*	223,820*	248,496*	242,559*
Communication	297,118*	315,583*	329,991*	354,143*	384,665*	392,465*	(D)	534,768*	498,635*	518,503*	525,027*	531,878
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,051,396	1,199,534	1,293,659	1,383,108	1,530,530	1,648,898	1,918,739	2,133,941	2,297,723	2,370,811	2,469,880	2,700,840
Retail trade	1,472,556	1,552,668	1,665,603	1,789,457	1,895,804	2,078,624	2,363,391	2,493,404	2,617,220	2,748,785	2,864,644	2,998,252
Finance, insurance, and real estate	764,962	801,744	871,933	973,622	1,131,743	1,290,452	1,297,000	1,333,978	1,418,420	1,587,634	1,822,632	1,996,062
Banking and credit agencies	230,308*	248,040*	266,307*	(D)	(D)	339,815*	491,269*	515,318*	531,029*	570,686*	607,203*	682,599
Other finance, insurance, and real estate[9]	509,043*	524,378*	574,573*	(D)	(D)	902,388*	767,697*	785,101*	845,125*	970,153*	1,160,707*	1,313,463
Services	2,837,046	3,177,731	3,517,522	3,897,614	4,412,457	4,831,637	5,544,738	6,179,319	6,774,192	7,545,503	8,368,617	9,133,194
Hotels and other lodging places	66,834*	72,539*	74,463*	76,522*	90,192*	103,812*	87,988	83,003*	88,756*	86,727*	95,805*	106,284*
Personal services	132,530	145,053	175,932	188,324	203,622	225,557	214,490	230,363	271,938	285,927	308,373	336,799
Private households	42,251	46,800	46,805	46,494	46,259*	46,718*	59,107*	67,553	67,542	67,087	67,476	68,162
Business services	452,679	543,019	641,461	714,348	828,513	915,341	816,225	986,037	1,131,922	1,267,016	1,434,624	1,576,396
Auto repair, services, and garages	102,333	119,182	137,500	151,042	163,493	171,280	173,009	203,717	231,598	250,513	266,368	288,031
Miscellaneous repair services	38,559*	43,047*	42,899	47,236	59,840	68,558	77,441	91,062	95,380	102,014	114,773	135,999
Amusement and recreation services	(D)	(D)	(D)	144,547*	152,091*	(D)	146,142	159,806	175,939	192,616	201,929	237,919
Motion pictures	(D)	11,745*	10,761*	9,585*	10,567*	12,324*	11,144*	(D)	12,617*	(D)	14,991*	17,274*
Health services	1,090,461	1,166,383	1,264,840	1,372,873	1,580,991	1,735,560	2,131,695	2,253,855	2,423,117	2,636,575	2,975,736	3,188,188
Legal services	178,271	214,134	226,675	259,785	290,920	321,680	437,720	514,821	569,798	652,832	733,232	826,672
Educational services	(D)	(D)	(D)	(D)	(D)	136,430*	(D)	287,339*	310,615*	331,798*	354,575*	384,000*
Social services	95,185	107,838	117,079	125,251	137,558	143,676	138,307*	155,866*	166,455*	186,088	202,550	230,616
Museums, botanical, zoological gardens	4,654*	5,040*	5,537*	6,088*	7,077*	8,022*	9,597*	10,052*	10,180*	10,908*	12,606*	13,333*
Membership organizations	125,231	133,173	138,920	142,940	150,191	161,901	232,358	240,969	251,660	256,062	267,310	284,650
Miscellaneous services	295,520	343,806	379,493	483,088	543,750	585,604	735,797	865,970	948,076	1,193,687	1,305,033	1,424,767
Government and government enterprises	1,690,358	1,813,157	1,928,471	2,067,246	2,208,796	2,407,651	3,046,125	3,232,009	3,440,380	3,595,164	3,794,137	4,021,898
Federal, civilian	322,444	344,744	371,759	388,134	417,518	461,636	631,064	658,222	702,386	696,315	745,703	787,433
Military	30,038	34,708	37,719	39,926	42,343	43,664	51,055	56,995	61,729	66,814	71,859	73,345
State and local	1,337,876	1,433,705	1,518,993	1,639,186	1,748,935	1,902,351	2,364,006	2,516,792	2,676,265	2,832,035	2,976,575	3,161,120

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Dallas—Fort Worth, TX (CMSA)						Denver—Boulder, CO (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**46,545,984**	**52,546,695**	**58,212,756**	**61,217,551**	**63,923,848**	**67,353,109**	**26,138,610**	**28,434,946**	**30,066,834**	**31,083,952**	**32,315,948**	**33,919,194**
Nonfarm personal income	46,425,388	52,458,701	58,117,391	61,121,333	63,830,117	67,253,520	26,062,166	28,366,545	29,993,181	31,000,358	32,240,214	33,847,012
Farm income[1]	120,596	87,994	95,365	96,218	93,731	99,589	76,444	68,401	73,653	83,594	75,734	72,182
Population (thousands)[2]	3,265.8	3,379.6	3,525.8	3,644.7	3,732.4	3,766.1	1,767.7	1,797.4	1,828.0	1,844.1	1,856.3	1,858.0
Per capita personal income (dollars)	**14,253**	**15,548**	**16,510**	**16,796**	**17,127**	**17,884**	**14,787**	**15,820**	**16,448**	**16,856**	**17,409**	**18,256**
Derivation of total personal income:												
Total earnings by place of work	38,622,798	44,047,751	48,796,704	51,073,029	52,971,241	55,537,643	21,222,843	23,240,933	24,606,853	25,296,955	26,009,980	27,152,131
Less: Personal contributions for social insurance[3]	2,070,646	2,375,816	2,772,280	2,927,986	3,012,554	3,283,511	1,134,978	1,252,236	1,388,229	1,465,709	1,494,617	1,622,213
Plus: Adjustment for residence	−472,342	−596,787	−685,331	−659,584	−610,049	−584,780	−635,815	−693,380	−741,360	−774,636	−816,553	−835,067
Equals: Net earnings by place of residence	36,079,810	41,075,148	45,339,093	47,485,459	49,348,638	51,669,352	19,452,050	21,295,317	22,477,264	23,056,610	23,698,810	24,694,851
Plus: Dividends, interest, and rent[4]	6,420,062	7,297,204	8,307,651	8,747,141	9,219,771	9,952,331	4,070,906	4,446,331	4,723,321	4,905,361	5,227,313	5,633,949
Plus: Transfer payments	4,046,112	4,174,343	4,566,012	4,984,951	5,355,439	5,731,426	2,615,654	2,693,298	2,866,249	3,121,981	3,389,825	3,590,394
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	31,699,685	36,319,138	40,311,303	41,930,362	43,338,992	45,495,616	17,775,621	19,464,776	20,539,775	21,011,791	21,474,765	22,412,876
Other labor income	3,373,741	3,665,524	3,853,569	4,153,326	4,345,342	4,577,640	1,731,094	1,828,502	1,862,091	1,904,189	1,967,332	2,057,269
Proprietors' income[5]	3,549,372	4,063,089	4,631,832	4,989,341	5,286,907	5,464,387	1,716,128	1,947,655	2,204,987	2,380,975	2,567,883	2,681,986
Farm	103,423	71,071	78,824	80,021	76,791	82,807	55,518	47,828	53,226	63,498	54,581	50,977
Nonfarm	3,445,949	3,992,018	4,553,008	4,909,320	5,210,116	5,381,580	1,660,610	1,899,827	2,151,761	2,317,477	2,513,302	2,631,009
Earnings by industry:												
Farm	120,596	87,994	95,365	96,218	93,731	99,589	76,444	68,401	73,653	83,594	75,734	72,182
Nonfarm	38,502,202	43,959,757	48,701,339	50,976,811	52,877,510	55,438,054	21,146,399	23,172,532	24,533,200	25,213,361	25,934,246	27,079,949
Private	34,688,027	39,796,574	44,119,547	46,072,950	47,682,957	49,856,801	17,985,860	19,806,609	20,925,500	21,423,323	21,961,281	22,913,948
Agricultural services, forestry, fisheries, and other[7]	126,891	142,005	163,824	164,839	188,055	202,302	86,039	92,288	97,627	101,465	116,202	120,054
Agricultural services	111,617*	(D)	(D)	151,257*	173,944*	189,575*	83,732	90,729	95,351	98,998	114,366	118,135
Forestry, fisheries, and other[7]	4,246*	3,262*	3,826*	3,102*	2,406*	(D)	2,307	1,559	2,276	2,467	1,836	1,919
Mining	1,353,703	1,442,109	1,508,773	1,384,062	1,306,248	1,325,009	1,129,749	1,117,684	1,088,943	885,844	736,521	754,273
Coal mining	(D)	(D)	(D)	(D)	8,160*	7,254*	29,451	27,588	28,945	26,935	24,823	19,169
Oil and gas extraction	1,255,439*	1,321,623*	1,379,145*	1,248,666*	1,194,359*	1,219,752*	972,180	967,331	963,463*	766,085*	614,710*	621,651*
Metal mining	(D)	(D)	(D)	370	(D)	(D)	115,315*	109,067*	80,739*	74,830	82,200	97,877*
Nonmetallic minerals, except fuels	25,568*	28,096*	(D)	(D)	(D)	28,098*	12,326*	12,333*	(D)	14,941*	11,882*	11,881*
Construction	3,075,220	3,652,572	4,053,917	3,969,888	3,567,820	3,298,300	1,607,747	1,782,593	1,768,007	1,676,387	1,528,056	1,447,331
Manufacturing	7,858,763	8,920,741	9,891,623	10,160,871	10,646,020	11,324,444	3,361,409	3,771,616	3,910,055	4,031,929	4,155,173	4,346,079
Nondurable goods	2,190,430	2,421,923	2,572,958	2,739,342	2,817,535	2,974,090	1,240,425	1,363,279	1,424,731	1,468,081	1,516,589	1,586,487
Food and kindred products	535,990*	572,811*	610,507*	668,881*	679,058*	690,236*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	14,221*	15,452*	14,368*	13,028*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	201,141*	209,995*	208,501*	191,364*	205,961*	208,992*	26,324*	30,817*	34,988*	(D)	39,611*	47,451*
Paper and allied products	199,132*	235,573*	223,661*	216,572*	241,098*	258,150*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	565,538*	642,367*	723,437	781,818*	782,956*	819,943*	286,665*	341,514*	373,753*	379,514*	397,397	415,584
Chemicals and allied products	295,197*	314,166*	362,192*	389,896*	396,957*	442,248*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	77,045*	83,137*	78,151*	114,446*	120,564*	135,252	32,402	33,081	35,018	38,466	38,333	39,361
Tobacco manufactures	0	(D)	300	310	0	0	57	76	(L)	(D)	87	(L)
Rubber and misc. plastic products	235,733*	281,287*	282,993*	292,939	303,438*	325,755*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	5,668,333	6,498,818	7,318,665	7,421,529	7,828,485	8,350,354	2,120,984	2,408,337	2,485,324	2,563,848	2,638,584	2,759,592
Lumber and wood products	160,229*	189,875*	207,499*	198,577*	185,520*	175,260*	32,877*	39,533*	39,325	38,305	(D)	(D)
Furniture and fixtures	95,502*	(D)	107,099*	122,914*	(D)	(D)	36,192*	43,906	45,151	43,567	45,699*	48,962*
Primary metal industries	(D)	156,797*	(D)	(D)	(D)	151,223*	(D)	(D)	(D)	(D)	24,588*	26,980*
Fabricated metal products	524,536*	578,007*	602,916*	590,273*	(D)	(D)	174,010*	200,313	206,370	200,900	(D)	(D)
Machinery, except electrical	1,011,319*	1,171,855*	1,311,233	1,001,791*	975,166*	1,004,732*	(D)	522,776	426,351	444,094	773,039	804,725
Electric and electronic equipment	1,425,614*	1,679,073*	2,042,427*	2,214,181*	2,380,870*	2,497,343*	274,488	(D)	(D)	402,114	356,546	369,877*
Transportation equip. excl. motor vehicles	1,315,999*	1,438,148*	1,689,184*	1,977,522*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	265,245*	307,665*	320,100*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	262,972*	314,253	342,496*	352,606*	309,878*	296,184*	190,992*	225,194*	217,285	213,820	198,249	203,478
Instruments and related products	194,319*	216,419*	201,155*	212,981*	209,492*	263,155*	389,990*	430,900*	(D)	(D)	190,583*	199,704*
Miscellaneous manufacturing industries	105,409	148,596	153,014	137,805	151,976	167,869*	60,855	61,447*	59,190*	63,553*	70,192	74,205
Transportation and public utilities	3,155,114	3,506,249	3,819,589	4,039,756	4,327,927	4,507,028	2,017,677	2,116,760	2,283,248	2,323,216	2,546,422	2,678,302
Railroad transportation	(D)	189,676	192,293	190,327	197,774	176,230	114,732	120,131	113,389	97,328	84,388	79,473*
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	338,158	369,351*	369,080	376,042	406,145	432,242
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)	829,703*	905,785*	933,902*	1,049,294*	1,073,093*	(D)	756,294	867,450	845,996	1,048,525	1,079,886
Electric, gas, and sanitary services	410,255*	443,343*	492,577*	513,063*	474,332*	483,780	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,856,195	4,230,308	4,609,450	4,863,347	4,939,487	5,202,147	1,613,910	1,775,750	1,872,271	1,854,313	1,892,279	1,975,166
Retail trade	4,268,345	4,911,155	5,305,798	5,496,443	5,491,645	5,603,078	2,090,491	2,295,841	2,386,932	2,459,080	2,443,407	2,491,600
Finance, insurance, and real estate	3,302,222	3,945,932	4,537,261	4,871,720	5,050,286	5,190,584	1,590,874	1,777,178	1,945,857	2,113,371	2,185,536	2,169,964
Banking and credit agencies	951,456*	1,131,872*	1,335,911*	1,460,668*	1,458,528*	1,468,938*	549,235*	608,806*	683,926	750,967	(D)	658,531
Other finance, insurance, and real estate[9]	2,343,656*	2,805,354*	3,195,310*	3,404,746*	3,584,350*	3,704,057*	982,886*	1,101,164*	1,261,931	1,362,404	(D)	1,511,433
Services	7,691,574	9,045,503	10,229,312	11,122,024	12,165,469	13,203,909	4,487,964	5,076,899	5,572,560	5,977,718	6,357,685	6,931,179
Hotels and other lodging places	310,555*	348,573*	363,801*	394,713*	403,034*	415,670*	134,195*	137,038*	150,475*	143,629*	140,907*	136,045*
Personal services	452,068	505,872	585,170	619,650	643,386	677,897	205,427	222,726	275,098	292,291	298,223	313,009
Private households	150,738	169,772	172,963	175,031	176,334	178,119	36,364*	40,760*	41,323*	41,451*	(D)	(D)
Business services	2,031,204	2,471,449	2,950,699	3,149,077	3,478,755	3,751,466	1,003,771	1,196,546	1,358,250	1,455,417	1,563,375	1,789,150
Auto repair, services, and garages	333,155	403,646	446,048	481,415	503,407	525,565	178,954	217,163	240,282	257,796	259,544	275,252
Miscellaneous repair services	125,440	155,782	150,530	160,289	174,907	185,939	(D)	(D)	85,731	99,836	100,345	108,909
Amusement and recreation services	174,772*	212,665*	236,287*	261,922*	287,406*	320,423*	101,176	115,327	136,204	147,348	161,418	181,458
Motion pictures	46,907*	53,865*	64,441*	69,629*	68,546*	78,420*	16,882	22,910*	25,632*	26,584*	(D)	(D)
Health services	1,957,885	2,123,873	2,354,848	2,538,194	2,958,648	3,298,591	1,206,420	1,300,518	1,394,674	1,510,200	1,676,977	1,800,724
Legal services	620,381	784,625	918,626	1,087,944	1,228,989	1,418,189	405,465	481,270	517,262	598,855	641,071	705,576
Educational services	197,846*	229,933*	259,048*	274,184*	294,632*	327,568*	122,998*	134,129*	143,032*	144,982*	157,998*	172,025*
Social services	122,320*	147,698*	163,051*	163,805*	177,573*	197,346*	88,158	95,695	111,490	124,979	132,271	154,362
Museums, botanical, zoological gardens	7,141*	8,881*	10,204*	11,722*	12,467*	14,767*	(D)	(D)	3,102*	3,385*	(D)	(D)
Membership organizations	246,052	265,773	296,066	318,433	343,653	371,999	181,742	197,497	203,987	214,815	228,254	245,650
Miscellaneous services	909,150	1,157,916	1,252,018	1,408,765	1,406,662	1,438,107	717,623	812,814	873,912	905,172	899,565	944,325
Government and government enterprises	3,814,175	4,163,183	4,581,792	4,903,861	5,194,553	5,581,253	3,160,539	3,365,923	3,607,700	3,790,038	3,972,965	4,166,001
Federal, civilian	936,341	1,028,761	1,130,263	1,151,561	1,205,429	1,330,753	891,683	938,541	987,298	992,123	1,064,600	1,164,627
Military	181,349	192,788	209,734	226,371	240,271	246,098	236,392	238,612	259,071	278,437	274,675	271,020
State and local	2,696,485	2,941,634	3,241,795	3,525,929	3,748,853	4,004,402	2,032,464	2,188,770	2,361,331	2,519,478	2,633,690	2,730,354

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Detroit—Ann Arbor, MI (CMSA)						Houston—Galveston—Brazoria, TX (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**59,640,081**	**65,895,778**	**71,792,200**	**76,957,474**	**80,825,161**	**86,425,497**	**49,374,532**	**52,213,097**	**54,354,817**	**53,840,666**	**54,721,132**	**58,732,197**
Nonfarm personal income	59,561,358	65,797,563	71,689,433	76,858,779	80,722,233	86,332,491	49,292,513	52,100,467	54,242,778	53,746,096	54,616,920	58,616,303
Farm income[1]	78,723	98,215	102,767	98,695	102,928	93,006	82,019	112,630	112,039	94,570	104,212	115,894
Population (thousands)[2]	4,587.4	4,582.3	4,592.0	4,606.3	4,626.7	4,620.2	3,569.5	3,590.7	3,605.5	3,655.6	3,621.8	3,641.5
Per capita personal income (dollars)	**13,001**	**14,380**	**15,634**	**16,707**	**17,469**	**18,706**	**13,832**	**14,541**	**15,076**	**14,728**	**15,109**	**16,129**
Derivation of total personal income:												
Total earnings by place of work	43,831,318	49,128,952	54,558,755	58,724,564	61,367,939	65,795,997	42,151,878	44,261,923	45,478,290	44,131,247	44,337,452	47,882,548
Less: Personal contributions for social insurance[3]	2,700,718	3,063,597	3,605,411	3,780,441	3,954,396	4,451,597	2,248,278	2,359,503	2,558,989	2,510,880	2,506,578	2,816,077
Plus: Adjustment for residence	−152,571	−143,248	−135,950	−213,444	−273,528	−376,285	−488,065	−516,136	−403,027	−354,231	−332,129	−418,922
Equals: Net earnings by place of residence	40,978,029	45,922,107	50,817,394	54,730,679	57,140,015	60,968,115	39,415,535	41,386,284	42,516,274	41,266,136	41,498,745	44,647,549
Plus: Dividends, interest, and rent[4]	8,889,468	10,100,242	10,811,669	11,332,466	12,225,752	13,388,192	6,094,291	6,873,402	7,576,113	7,746,910	8,097,341	8,719,070
Plus: Transfer payments	9,772,584	9,873,429	10,163,137	10,894,329	11,459,394	12,069,190	3,864,706	3,953,411	4,262,430	4,827,620	5,125,046	5,365,578
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	36,658,535	41,122,983	45,931,306	49,271,998	51,396,156	55,235,793	34,993,321	36,618,437	37,634,835	36,184,448	36,247,470	39,284,451
Other labor income	4,695,463	5,114,673	5,406,168	5,817,580	6,020,472	6,364,308	3,897,166	3,850,705	3,690,774	3,656,044	3,673,488	3,965,275
Proprietors' income[6]	2,477,320	2,891,296	3,221,281	3,634,986	3,951,311	4,195,896	3,261,391	3,792,781	4,152,681	4,290,755	4,416,494	4,632,822
Farm	50,950	70,897	75,825	72,264	75,220	65,279	61,361	92,278	92,146	75,080	83,809	95,674
Nonfarm	2,426,370	2,820,399	3,145,456	3,562,722	3,876,091	4,130,617	3,200,030	3,700,503	4,060,535	4,215,675	4,332,685	4,537,148
Earnings by industry:												
Farm	78,723	98,215	102,767	98,695	102,928	93,006	82,019	112,630	112,039	94,570	104,212	115,894
Nonfarm	43,752,595	49,030,737	54,455,988	58,625,869	61,265,011	65,702,991	42,069,859	44,149,293	45,366,251	44,036,677	44,233,240	47,766,654
Private	38,047,743	43,033,683	48,172,617	51,883,614	54,195,631	58,334,317	38,040,245	39,786,345	40,516,785	39,084,746	39,087,055	42,358,277
Agricultural services, forestry, fisheries, and other[7]	101,263	106,376	121,659	142,355	169,790	207,090	145,551	150,327	149,541	141,506*	153,457*	171,129
Agricultural services	98,324	102,418*	119,551	141,250	158,554*	187,572*	131,739	140,720	136,718	125,633*	140,916*	157,357
Forestry, fisheries, and other[7]	2,939	2,661*	2,108	1,105	(D)	(D)	13,812	9,607	12,823	15,884	12,548	13,772
Mining	101,224	116,553	159,113	76,306	70,965	77,901	4,265,708	4,457,602	4,464,271	3,770,097*	3,322,058*	3,674,926
Coal mining	(D)	(D)	194	231	108	110	(D)	(D)	26,556	22,638	10,898	11,087
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	4,104,521*	4,248,948*	4,259,534*	3,606,799*	3,186,788*	3,609,343*
Metal mining	(D)	(D)	−77	72	453	353	(D)	(D)	(D)	(D)	5,680*	5,331*
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,491,095*	1,730,258*	2,142,191*	2,452,141*	2,651,520*	2,974,201*	4,544,340	4,445,496	3,942,063	3,624,966	3,421,709	3,755,470
Manufacturing	16,179,588	19,069,696	21,294,019	22,202,173	21,770,417	23,057,523	6,627,059	6,713,609	6,794,266	6,460,831	6,349,130	6,988,431
Nondurable goods	2,164,307	2,404,015	2,638,178	2,757,986	2,795,900	3,047,500	3,631,020	3,682,093	3,782,454	3,861,360	3,879,557	4,048,735
Food and kindred products	418,663*	423,781*	396,371*	396,028*	393,469*	409,602*	356,298*	374,909*	385,757*	392,133*	401,029*	407,594*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	1,860	2,544	2,041	1,515	1,166	(D)
Apparel and other textile products	333,339*	(D)	424,205*	528,831*	514,468*	560,809*	18,603*	20,862*	19,439*	18,522*	19,679*	22,132*
Paper and allied products	(D)	112,590*	117,943*	126,212*	117,493*	137,163*	117,314*	122,547*	125,188*	130,495*	122,030*	126,604*
Printing and publishing	441,672*	500,337*	552,511*	560,559*	588,723*	654,476*	370,248	389,508	419,468	408,918	416,154	417,563*
Chemicals and allied products	338,537*	361,837*	405,033*	428,446*	(D)	(D)	1,505,571*	1,554,980	1,670,590*	1,828,849*	1,875,608*	2,109,258*
Petroleum and coal products	59,244	59,342*	63,284*	67,887*	71,562*	77,890*	1,092,396*	1,056,006*	1,006,996*	904,503*	856,996	760,220*
Tobacco manufactures	(L)	(L)	(L)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	354,799	447,747*	527,444*	539,298	572,272	608,262	139,106*	152,969*	141,103*	139,254*	156,957*	171,635*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,294*	(D)
Durable goods	14,015,281	16,665,681	18,655,841	19,444,187	18,974,517	20,010,023	2,996,039	3,031,516	3,011,812	2,599,471	2,469,573	2,939,696
Lumber and wood products	33,387*	37,555*	47,814*	58,972*	65,559	77,902	74,058*	76,954*	70,232*	69,896	70,808	76,106*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	27,556*	30,360*	30,930*	30,366*	27,810*	30,229*
Primary metal industries	920,971*	945,166*	904,382*	985,737*	942,567*	972,063*	(D)	215,571*	(D)	(D)	(D)	(D)
Fabricated metal products	1,500,599	1,873,373	2,128,331	2,146,260	2,109,593	2,205,650	654,540*	639,493*	651,931*	585,969*	579,394	646,989
Machinery, except electrical	2,153,608	2,516,888	2,758,680	2,810,172	2,603,888	2,722,428	1,199,813*	1,222,125*	1,254,402	992,874*	958,474	1,258,894
Electric and electronic equipment	(D)	(D)	(D)	(D)	589,558*	652,011*	(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	8,036,596*	9,730,164*	11,066,502*	11,723,235*	11,416,843*	12,018,377	20,103*	23,831*	26,015*	23,860*	25,734	27,595*
Stone, clay, and glass products	300,932*	354,316*	357,911*	360,970*	378,579*	418,700*	187,575	186,417	179,753	161,284	150,148	158,280*
Instruments and related products	106,889*	121,351*	138,869*	146,237*	149,879*	186,679*	141,672*	161,215*	175,204*	147,797*	131,555*	141,760*
Miscellaneous manufacturing industries	65,935*	83,538*	91,061*	104,331	106,813*	115,654*	63,286	79,062	73,584	70,788	76,717	80,667*
Transportation and public utilities	2,603,959*	2,769,642*	2,996,869*	3,214,748*	3,379,103*	3,562,331*	3,333,731	3,394,728	3,555,821	3,388,629	3,431,659	3,700,847
Railroad transportation	(D)	190,008	177,784*	174,742*	183,322	178,970*	164,276	180,395	174,689	174,714	181,249	178,292
Trucking and warehousing	606,244*	756,568	835,485	908,176	904,149	962,092	577,245	638,663	636,533	626,648*	683,465	728,548*
Water transportation	15,920*	(D)	19,036*	21,429*	(D)	(D)	320,546*	329,235*	314,998*	269,158*	273,128*	305,329*
Other transportation[8]	308,765*	(D)	424,364*	525,618*	(D)	(D)	679,560*	638,942*	703,992*	738,008*	820,414*	898,240*
Communication	(D)	707,841*	757,622*	770,245*	804,151*	824,209*	708,801*	658,796*	734,516*	656,632*	734,062*	714,975*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	871,449	939,635	939,718*	862,046*	684,907*	809,067*
Wholesale trade	2,420,763	2,894,339	3,143,020	3,423,193	3,757,818	4,118,013	3,626,253	3,758,267	3,898,709	3,740,014	3,623,268	3,957,672
Retail trade	3,927,915	4,199,953	4,463,063	4,812,423	5,146,594	5,497,882	3,808,827	4,050,929	4,119,686	3,966,443	3,907,128	4,063,527
Finance, insurance, and real estate	2,061,225	2,143,864	2,364,125	2,681,311	3,082,840	3,435,811	3,003,613	3,246,613	3,363,059	3,461,226	3,499,167	3,517,981
Banking and credit agencies	836,991*	893,199*	977,350*	1,090,925*	1,255,094*	1,362,166*	950,538	1,038,305	1,107,894*	1,114,650*	1,085,679	1,032,200
Other finance, insurance, and real estate[9]	1,200,586*	1,219,082*	1,351,796*	1,548,094*	1,785,963*	2,064,008*	2,053,075	2,208,308	2,250,021*	2,341,019*	2,413,488	2,485,781
Services	8,908,750	9,832,425	11,334,369	12,711,175	13,973,110	15,190,649	8,685,163	9,568,774	10,229,369	10,524,439	11,373,829	12,528,294
Hotels and other lodging places	123,029*	123,406	130,016*	161,613*	177,509	192,662	275,231*	277,540*	272,644*	239,707*	241,632*	246,456*
Personal services	345,383	361,957	439,979	475,558	510,729	568,115	373,470	390,218	444,416	454,484	469,693	506,483
Private households	84,671	93,804	94,101	93,118*	94,797	95,060*	173,041	195,058	198,853	201,172	202,639	204,681
Business services	1,627,164	1,954,853	2,739,643	3,130,788	3,489,482	3,688,066	2,143,768	2,394,954	2,644,160	2,572,954	2,774,136	3,095,337
Auto repair, services, and garages	306,223	345,692	409,008	441,221	456,281	495,528	289,698	327,197	345,693	349,856	358,623	386,687
Miscellaneous repair services	165,701	203,033	226,924	242,425	254,025	283,719	175,535	195,934	187,613	179,837	182,335	212,823
Amusement and recreation services	193,965	206,265	227,167	264,102	278,408	316,955	163,458*	185,743*	206,155*	210,334*	225,752*	247,714*
Motion pictures	(D)	(D)	(D)	(D)	78,146*	99,486*	20,659*	22,409*	20,057*	18,789*	22,557*	26,842*
Health services	3,464,995	3,532,800	3,580,150	3,887,839	4,339,968	4,600,757	2,216,341	2,357,768	2,470,904	2,624,062	2,980,216	3,278,634
Legal services	635,544	722,125	795,904	902,357	1,021,675	1,193,354	833,459	986,427	1,115,942	1,295,703	1,423,829	1,592,373
Educational services	165,347*	184,801*	195,915	209,395	231,938	286,682	246,649	282,289	309,507	335,020	386,798	436,095
Social services	210,823	235,762	276,931	302,525	337,842	388,568	107,272	122,975	142,819	146,622	160,625	177,329
Museums, botanical, zoological gardens	12,394*	11,616*	11,025*	12,136*	13,885*	13,414*	(D)	(D)	(D)	(D)	(D)	10,739*
Membership organizations	395,817	404,332	429,797	453,781	486,819	524,257	243,842*	260,947	281,570	294,698	302,410	330,094
Miscellaneous services	1,131,224	1,373,776	1,685,223	2,034,325	2,194,362	2,442,994	1,413,742	1,561,230	1,580,268	1,580,978	1,618,468	1,760,274
Government and government enterprises	5,704,852	5,997,054	6,283,371	6,742,255	7,069,380	7,368,674	4,029,614	4,362,948	4,849,466	4,951,931	5,146,185	5,408,377
Federal, civilian	877,324	917,290	963,356	959,368	1,008,202	1,086,807	687,038	742,679	804,480	788,666	838,144	909,805
Military	91,125	101,786	109,807	116,983	121,730	124,709	86,919	92,620	102,500	108,613	118,274	121,636
State and local	4,736,403	4,977,978	5,210,208	5,665,904	5,939,448	6,157,158	3,255,657	3,527,649	3,942,486	4,054,652	4,189,767	4,376,936

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Los Angeles—Anaheim—Riverside, CA (CMSA)						Miami—Fort Lauderdale, FL (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**171,543,104**	**189,261,165**	**205,721,481**	**221,356,472**	**241,922,580**	**260,772,727**	**37,255,157**	**40,407,063**	**43,484,197**	**46,157,431**	**50,366,744**	**54,974,976**
Nonfarm personal income	170,606,920	188,246,074	204,660,636	220,230,117	240,764,018	259,626,892	37,065,605	40,239,924	43,312,232	45,968,535	50,177,853	54,774,283
Farm income[1]	936,184	1,015,091	1,060,845	1,126,355	1,158,562	1,145,835	189,552	167,139	171,965	188,896	188,891	200,693
Population (thousands)[2]	12,270.8	12,488.7	12,759.3	13,122.1	13,458.0	13,769.7	2,809.7	2,830.8	2,864.6	2,903.2	2,950.1	3,000.5
Per capita personal income (dollars)	**13,980**	**15,155**	**16,123**	**16,869**	**17,976**	**18,938**	**13,260**	**14,274**	**15,180**	**15,899**	**17,073**	**18,322**
Derivation of total personal income:												
Total earnings by place of work	128,195,113	142,376,226	155,277,785	168,616,237	186,188,512	200,834,179	23,848,099	25,999,316	28,131,338	30,449,725	33,714,195	36,531,927
Less: Personal contributions for social insurance[3]	7,338,855	8,173,600	9,357,107	10,284,293	11,330,070	12,779,072	1,278,393	1,412,939	1,605,247	1,749,901	1,921,958	2,187,426
Plus: Adjustment for residence	−22,445	−4,406	−28,495	−64,683	−135,900	−116,947	−113,459	−108,722	−139,259	−143,210	−140,734	−154,920
Equals: Net earnings by place of residence	120,833,813	134,198,220	145,892,183	158,267,261	174,722,542	187,938,160	22,456,247	24,477,655	26,386,832	28,556,614	31,651,503	34,189,581
Plus: Dividends, interest, and rent[4]	27,378,944	31,120,202	33,335,486	34,868,535	37,374,950	41,117,882	9,212,526	10,084,348	10,903,716	11,225,615	11,996,683	13,339,492
Plus: Transfer payments	23,330,347	23,942,743	26,493,812	28,220,676	29,825,088	31,716,685	5,586,384	5,845,060	6,193,649	6,375,202	6,718,558	7,445,903
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	104,372,781	115,666,395	126,505,811	136,761,217	151,163,786	163,298,513	20,035,929	21,823,318	23,587,630	25,328,082	28,039,751	30,381,722
Other labor income	11,211,657	11,927,230	12,379,781	13,472,438	14,810,014	15,912,065	1,940,232	2,026,717	2,097,029	2,288,954	2,514,094	2,700,926
Proprietors' income[5]	12,610,675	14,782,601	16,392,193	18,382,582	20,214,712	21,623,601	1,871,938	2,149,281	2,446,679	2,832,689	3,160,350	3,449,279
Farm	603,218	683,191	709,980	758,006	762,675	753,504	147,809	126,026	131,919	149,650	148,086	160,141
Nonfarm	12,007,457	14,099,410	15,682,213	17,624,576	19,452,037	20,870,097	1,724,129	2,023,255	2,314,760	2,683,039	3,012,264	3,289,138
Earnings by industry:												
Farm	936,184	1,015,091	1,060,845	1,126,355	1,158,562	1,145,835	189,552	167,139	171,965	188,896	188,891	200,693
Nonfarm	127,258,929	141,361,135	154,216,940	167,489,882	185,029,950	199,688,344	23,658,547	25,832,177	27,959,373	30,260,829	33,525,304	36,331,234
Private	110,987,816	123,902,521	135,165,883	147,036,137	162,846,771	175,957,003	20,554,123	22,474,668	24,266,956	26,273,825	29,105,053	31,505,769
Agricultural services, forestry, fisheries, and other[7]	683,403	707,789	757,852	791,043	1,030,538	1,157,690	117,659	125,463	136,758	142,821	172,409	205,246
Agricultural services	636,472	671,712	713,387	737,691	984,167	1,102,476	112,182	121,399	129,556	133,905	164,765	196,330
Forestry, fisheries, and other[7]	46,931	36,077	44,465	53,352	46,371	55,214	5,477	4,064	7,202	8,916	7,644	8,916
Mining	1,018,086	1,084,784	1,096,242	810,161	754,468	801,411	138,573	145,889	194,462	89,281	83,862	86,024
Coal mining	(D)	(D)	(D)	2,216	(D)	653	3,513*	3,635*	3,535*	3,492*	(D)	1,868*
Oil and gas extraction	925,469	983,806	988,291	693,209	636,444	(D)	114,554	116,159	162,335	54,469	44,891	44,480
Metal mining	(D)	(D)	(D)	3,014	(D)	5,216	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	101,876	111,722	112,106	114,463*	20,419	25,971	28,507	31,229	37,044	39,607
Construction	6,626,242	7,666,223	8,640,336	9,784,010	11,146,007	12,235,112	1,638,015	1,837,511	1,927,439	2,086,597	2,198,165	2,349,875
Manufacturing	30,265,239	33,162,338	35,266,285	36,929,636	39,677,784	41,793,320	2,517,967	2,759,294	2,848,931	2,969,664	3,183,151	3,389,717
Nondurable goods	8,205,875	8,790,361	9,115,903	9,649,549	10,565,414	11,409,460	1,075,633	1,168,292	1,214,312	1,295,538	1,397,596	1,471,780
Food and kindred products	1,687,718	1,750,830	1,736,537	1,814,331	1,915,176	1,938,609	166,715	160,183	166,065	177,025	194,145	196,397
Textile mill products	206,227*	221,244*	237,725*	267,202*	311,438*	340,737	30,759	32,055	30,858	34,187	38,580	(D)
Apparel and other textile products	1,036,215	1,165,010	1,207,371*	1,364,386	1,559,084	1,708,799	227,053	238,935	227,637	240,475	260,662	283,871
Paper and allied products	627,513	693,225	724,058	745,025*	808,219*	846,723	36,319	41,367	45,590	48,754	54,724	53,595
Printing and publishing	1,730,537	1,890,472	2,014,231	2,171,144	2,448,532	2,679,175	335,946	390,869	442,732	486,522	532,582	561,463
Chemicals and allied products	1,024,704	1,110,620	1,139,203	1,187,409	1,286,954	1,528,736	105,933	115,598	119,445	138,232	123,328	129,694
Petroleum and coal products	827,107*	793,678	889,788	836,847	802,157	908,717	11,619	14,363	14,407	17,632	19,293	20,995
Tobacco manufactures	583	806	503	578	756	(D)	6,606	7,761*	6,383*	2,091*	2,113*	1,919
Rubber and misc. plastic products	949,698	1,062,357	1,067,259	1,151,770	1,320,017	1,362,283	(D)	138,212	135,487	129,793	150,971	156,988
Leather and leather products	104,477*	91,696*	85,855*	87,709*	87,213*	(D)	27,551*	27,904*	25,099*	20,576*	20,897*	22,467*
Durable goods	22,059,364	24,371,977	26,150,382	27,280,087	29,112,370	30,383,860	1,442,334	1,591,002	1,634,619	1,674,126	1,785,555	1,917,937
Lumber and wood products	370,731	431,767	443,005	514,950	605,776	648,338	55,435	65,443	75,213	82,201	84,520	91,495
Furniture and fixtures	762,786	887,977	931,574	949,156	1,043,174	1,084,359	83,694	87,693	96,572	100,242	119,212	129,623
Primary meta' industries	853,562	867,088	782,080	818,227	862,178	941,063	30,280	35,124	30,754	35,808	36,664	37,807
Fabricated metal products	2,242,227	2,564,907	2,708,580	2,749,493	2,905,640	2,923,724	192,810	209,673	218,749	224,049	235,292	240,967
Machinery, except electrical	3,000,389	3,261,766	3,373,945	3,189,041	3,290,628	3,311,661	305,103	325,516	358,546	333,316	345,743	308,007
Electric and electronic equipment	6,110,248	6,970,054	7,699,949	7,979,618	8,269,188	8,472,980	388,189	442,421	438,534	423,943	445,199	542,691
Transportation equip. excl. motor vehicles	5,537,451*	5,914,553*	6,576,415*	7,365,030*	8,153,444*	8,515,086	144,048	150,780	146,674	187,727	192,715	211,790
Motor vehicles and equipment	576,139*	660,161*	668,980*	619,092*	640,728*	723,993	19,506	20,161	21,237	23,221	22,503	22,900
Stone, clay, and glass products	688,510	772,723	760,101	814,233	858,852	939,431	117,251	133,233	124,795	132,085	149,970	161,568
Instruments and related products	1,228,161	1,282,170	1,393,908	1,453,725	1,549,516	2,036,007	55,188	59,114	61,746	64,561	68,825	79,572
Miscellaneous manufacturing industries	578,445	642,010	670,016	667,415	739,985	787,218	50,830	61,844	61,799	66,973	84,912	91,517
Transportation and public utilities	8,552,982	9,037,894	9,505,855	10,116,176	10,675,839	11,004,618	2,706,508	2,742,439	2,870,345	3,009,839	3,233,784	3,358,257
Railroad transportation	394,623*	437,147*	434,991*	398,880*	378,166*	360,580	37,207	38,264	36,175	35,798	(D)	33,181
Trucking and warehousing	1,735,529	1,974,413	2,057,987	2,200,540	2,393,707	2,543,010	242,190	284,345	292,001	333,039	372,946	(D)
Water transportation	306,059*	392,203*	413,399*	449,066*	450,986*	471,504*	118,885	124,218	131,769	131,339	144,787	187,103
Other transportation[8]	2,119,382*	2,118,273*	2,227,544*	2,662,478*	2,767,771*	2,986,440*	(D)	(D)	(D)	(D)	1,566,614	1,483,046
Communication	2,821,140*	2,898,672	3,047,616	3,040,362	2,919,650*	2,811,324*	(D)	701,072	704,638	676,996	715,229	779,074
Electric, gas, and sanitary services	1,020,804	1,118,705	1,216,241	1,296,106	1,388,675	1,443,365	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	9,052,451	10,347,464	11,417,305	12,424,100	13,027,266	14,520,414	1,851,000	1,997,434	2,210,293	2,351,966	2,674,943	3,029,594
Retail trade	13,202,665	14,391,003	15,446,909	16,452,310	17,586,582	19,018,461	3,021,225	3,248,304	3,513,933	3,756,319	4,069,970	4,429,954
Finance, insurance, and real estate	8,630,781	9,671,275	10,934,023	13,086,546	15,573,786	16,606,774	2,082,573	2,198,894	2,447,215	2,717,318	3,096,327	3,391,526
Banking and credit agencies	3,388,025	3,752,509	4,046,105	4,620,262	5,151,242	5,403,954	787,124	878,184	972,980	1,112,876	1,217,671	1,342,332
Other finance, insurance, and real estate[9]	5,242,756	5,918,766	6,887,918	8,466,284	10,422,544	11,202,820	1,295,449	1,320,710	1,474,235	1,604,442	1,878,656	2,049,194
Services	32,955,967	37,833,751	42,101,076	46,642,155	53,374,501	58,819,203	6,480,603	7,419,440	8,117,580	9,150,020	10,392,442	11,265,576
Hotels and other lodging places	699,572	808,916	915,912	971,490	1,134,948	1,370,070	356,626	394,120	406,792	436,943	501,839	527,833
Personal services	1,174,385	1,252,135	1,511,393	1,633,287	1,793,838	1,963,809	223,050	247,271	285,817	320,733	352,413	384,037
Private households	554,291*	626,096*	678,836	690,627	708,052	729,422	194,841	221,874	228,340	233,005	240,043	248,003
Business services	7,510,655	8,943,766	10,036,161	11,142,064	12,543,083	13,999,424	981,201	1,135,642	1,248,404	1,408,961	1,574,243	1,717,192
Auto repair, services, and garages	1,334,313	1,565,408	1,754,216	1,902,776	2,042,234	2,282,360	263,748	298,434	334,804	357,818	394,466	429,932
Miscellaneous repair services	670,433	830,953	852,118	871,684	885,246	1,004,432	116,124	132,886	119,618	141,517	155,636	170,694
Amusement and recreation services	1,161,084	1,427,208	1,623,282	1,941,207	2,292,971	2,589,318	230,895	251,305	269,802	299,662	328,538	344,912
Motion pictures	2,431,951	3,027,144	3,411,138	3,617,284	4,151,674	4,409,562*	23,846	(D)	(D)	35,513	40,369	42,747
Health services	8,945,072	9,691,268	10,619,796	11,543,582	13,630,150	14,485,003	2,088,811	2,301,914	2,489,758	2,675,613	3,109,899	3,328,772
Legal services	2,383,121	2,833,048	3,249,046	3,812,614	4,521,856	5,159,708	705,631	856,392	975,192	1,127,987	1,365,334	1,448,679
Educational services	1,163,412	1,285,557	1,342,892	1,369,675	1,442,419	1,591,107	283,815	315,488	349,583	380,527	428,230	482,086
Social services	542,512	567,368	638,058	733,361	882,156	1,012,659	112,296	127,433	146,757	164,163	188,118	222,183
Museums, botanical, zoological gardens	17,558*	21,464*	27,502	34,218	38,325	45,891*	1,389	(D)	(D)	2,474	2,699	2,812
Membership organizations	1,102,338	1,153,446	1,229,780	1,307,512	1,417,350	1,550,593	198,676	252,972	256,422	275,783	289,324	324,773
Miscellaneous services	3,230,557	3,760,803	4,210,946	5,070,774	5,890,199	6,621,233	699,654	854,480	971,557	1,289,321	1,421,291	1,590,921
Government and government enterprises	16,271,113	17,458,614	19,051,057	20,453,745	22,183,179	23,731,341	3,104,424	3,357,509	3,692,417	3,987,004	4,420,251	4,825,465
Federal, civilian	2,918,531	3,063,179	3,234,138	3,285,030	3,500,421	3,726,460	534,968	579,016	634,285	653,057	718,488	815,968
Military	1,238,309	1,354,598	1,504,620	1,559,140	1,619,191	1,660,094	151,856	133,310	161,367	182,121	187,302	186,376
State and local	12,114,273	13,040,837	14,312,299	15,609,575	17,063,567	18,344,787	2,417,600	2,645,183	2,896,765	3,151,826	3,514,461	3,823,121

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Milwaukee—Racine, WI (CMSA)						New York—Northern New Jersey—Long Island, NY—NJ—CT (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**20,454,680**	**22,216,226**	**23,266,309**	**24,409,920**	**25,876,780**	**27,858,040**	**268,704,202**	**296,236,222**	**317,259,353**	**338,732,123**	**366,904,297**	**398,330,376**
Nonfarm personal income	20,388,883	22,141,772	23,180,226	24,319,189	25,783,813	27,779,855	268,474,135	295,980,128	316,993,432	338,451,691	366,576,029	398,000,749
Farm income[1]	65,797	74,454	86,083	90,731	92,967	78,185	230,067	256,094	265,921	280,432	328,268	329,627
Population (thousands)[2]	1,553.9	1,549.0	1,551.3	1,553.9	1,557.5	1,571.7	17,611.2	17,713.2	17,786.9	17,896.9	17,944.7	17,985.2
Per capita personal income (dollars)	**13,163**	**14,342**	**14,998**	**15,709**	**16,614**	**17,724**	**15,258**	**16,724**	**17,837**	**18,927**	**20,446**	**22,148**
Derivation of total personal income:												
Total earnings by place of work	15,025,378	16,493,808	17,297,056	18,253,831	19,388,284	20,967,175	194,061,422	213,370,707	231,657,249	251,686,168	275,213,796	299,632,513
Less: Personal contributions for social insurance[3]	948,775	1,045,614	1,149,679	1,205,012	1,271,028	1,441,929	12,247,945	13,564,683	15,392,654	17,513,053	19,047,119	21,621,670
Plus: Adjustment for residence	−275,787	−303,874	−334,975	−402,563	−410,988	−423,939	−3,197,401	−3,515,850	−3,838,657	−4,176,516	−4,714,986	−5,104,396
Equals: Net earnings by place of residence	13,800,816	15,144,320	15,812,402	16,646,256	17,706,268	19,101,307	178,616,076	196,290,174	212,425,938	229,996,599	251,451,691	272,906,447
Plus: Dividends, interest, and rent[5]	3,413,971	3,822,002	4,006,725	4,099,646	4,359,019	4,774,536	49,881,587	57,363,859	60,202,890	61,998,410	66,477,252	73,010,785
Plus: Transfer payments	3,239,893	3,249,904	3,447,182	3,664,018	3,811,493	3,982,197	40,206,539	42,582,189	44,630,525	46,737,114	48,975,354	52,413,144
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	12,678,632	13,940,125	14,630,936	15,433,125	16,367,754	17,752,305	161,236,542	177,293,622	191,969,776	209,049,539	228,563,263	249,518,759
Other labor income	1,376,967	1,453,944	1,454,410	1,540,420	1,626,141	1,737,686	16,175,347	16,879,814	17,419,478	18,540,799	19,793,071	21,290,376
Proprietors' income[6]	969,779	1,099,739	1,211,710	1,280,286	1,394,389	1,477,184	16,649,533	19,197,271	22,267,995	24,095,830	26,857,462	28,823,378
Farm	48,261	57,252	68,967	73,900	75,354	60,620	169,203	196,479	207,839	224,053	270,216	272,455
Nonfarm	921,518	1,042,487	1,142,743	1,206,386	1,319,035	1,416,564	16,480,330	19,000,792	22,060,156	23,871,777	26,587,246	28,550,923
Earnings by industry:												
Farm	65,797	74,454	86,083	90,731	92,967	78,185	230,067	256,094	265,921	280,432	328,268	329,627
Nonfarm	14,959,581	16,419,354	17,210,973	18,163,100	19,295,317	20,888,990	193,831,355	213,114,613	231,391,328	251,405,736	274,885,528	299,302,886
Private	13,150,263	14,483,028	15,168,018	16,031,147	17,068,361	18,495,090	168,310,294	185,355,425	201,600,670	219,241,707	240,069,323	261,491,376
Agricultural services, forestry, fisheries, and other[7]	37,724	42,674	44,273	45,870	61,206	68,910	615,326	644,909	708,522*	783,304*	987,953	1,102,918
Agricultural services	36,541	41,743	43,291	45,005	60,363	68,010	460,427	490,137	529,788*	579,645*	764,163*	863,583*
Forestry, fisheries, and other[7]	1,183	931	982	865	843	900	154,899	154,772	183,287*	208,419*	219,792*	234,375*
Mining	40,571	43,194	57,314	26,612	25,713	25,755	702,906	724,030	939,005*	433,640*	426,123	451,049
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	30,179*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	265,451*
Metal mining	0	0	0	0	0	0	(D)	(D)	16,363*	17,326*	30,050*	27,938*
Nonmetallic minerals, except fuels	8,303*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	609,766	702,632	746,395	856,331	957,887	1,048,669	8,406,963	9,913,338	11,497,167	13,549,518	15,138,555	16,398,814
Manufacturing	5,097,518	5,710,990	5,740,594	5,888,322	6,078,492	6,484,343	37,058,990	39,424,185	40,559,367	41,486,152	42,658,978	45,293,574
Nondurable goods	1,349,107	1,439,074	1,480,356	1,582,329	1,683,974	1,800,791	19,948,720	21,034,802	21,773,961	22,187,600	23,000,836	24,886,232
Food and kindred products	424,598*	429,852	414,905	434,334	450,985	474,609	2,187,878*	2,273,157*	2,397,968*	2,413,250*	2,672,664*	2,835,417*
Textile mill products	10,908*	11,605*	10,509*	11,129*	11,295*	10,936*	705,814*	760,742*	767,683*	758,828*	757,967*	758,446*
Apparel and other textile products	27,165*	29,763*	32,637*	(D)	(D)	(D)	2,946,028*	3,079,829*	3,042,286*	3,067,416*	3,097,427*	3,259,891*
Paper and allied products	100,048*	111,840*	109,129*	120,385*	124,721*	136,805*	1,446,757*	1,521,558*	1,477,122*	1,405,161*	1,460,913*	1,534,174*
Printing and publishing	369,455	392,896*	417,717*	456,028*	499,041*	544,903*	4,648,854	5,082,412	5,503,922	5,776,957	6,311,721	7,020,898
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,206,994*	5,544,517*	5,836,502*	6,091,402*	6,305,114*	6,986,575*
Petroleum and coal products	4,555*	4,606*	4,136*	3,935*	4,771*	4,057*	1,207,863*	1,052,939*	998,680*	868,866*	715,738*	728,748*
Tobacco manufactures	(L)	(L)	0	0	0	0	156,937	167,250	169,408	151,023	(D)	(D)
Rubber and misc. plastic products	106,374*	135,106*	148,073	163,247	175,301	185,895	979,448*	1,066,081*	1,100,620*	1,133,117*	1,183,907*	1,219,870*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	270,730*	248,947*	233,668*	222,985*	220,245*	229,182*
Durable goods	3,748,411	4,271,916	4,260,238	4,305,993	4,394,518	4,683,552	17,110,270	18,389,383	18,785,406	19,298,552	19,658,142	20,407,342
Lumber and wood products	(D)	20,640	22,345	25,944	31,431	36,269	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	28,033	29,779*	30,799*	35,770*	39,642*	43,592*	384,451*	437,095*	461,217*	(D)	504,306*	507,290*
Primary metal industries	229,670	275,190	257,779	254,466	259,967	295,524	872,182*	939,292*	837,976*	828,049*	802,046*	832,926*
Fabricated metal products	590,960	655,987	661,909	674,019	677,275	729,360	1,974,998*	2,052,528*	2,110,700*	2,166,707*	2,150,803*	2,181,918*
Machinery, except electrical	1,367,990	1,628,187	1,603,809	1,647,608	1,700,692	1,824,275	3,185,998*	3,323,648	3,451,312	3,475,949*	3,414,558*	3,864,452*
Electric and electronic equipment	888,227	982,498	992,964	970,511	977,105	1,010,194	4,140,108	4,616,389	4,610,083	4,796,848	5,005,484*	5,040,262*
Transportation equip. excl. motor vehicles	69,167*	73,802*	49,088*	50,229*	58,018*	68,860*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	338,870*	350,192*	337,266*	333,978*	312,378*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	50,667	57,374	57,436	66,157	75,511	87,750	452,557*	510,667*	514,457*	512,481*	529,922*	563,432*
Instruments and related products	(D)	97,052*	(D)	(D)	134,225*	(D)	2,132,600*	2,244,844*	2,330,960*	2,444,653*	2,458,954*	2,600,223*
Miscellaneous manufacturing industries	61,118*	68,536*	68,971*	75,067	82,240	89,165	1,139,396*	1,252,755*	1,211,020*	1,212,791*	1,245,185*	1,303,395*
Transportation and public utilities	976,179	1,035,676	1,108,652	1,165,461	1,187,528	1,251,165	16,375,373	17,898,678	18,682,664	19,120,774	20,293,100	21,341,810
Railroad transportation	64,959*	67,834	62,277	53,929	41,430*	48,264	439,392*	420,244*	446,676*	438,309*	470,380*	450,510*
Trucking and warehousing	299,398	354,570	362,435	(D)	(D)	(D)	(D)	2,632,852*	2,884,850*	3,124,776	3,422,352*	3,660,814*
Water transportation	(D)	(D)	(D)	6,297*	6,813*	4,929*	1,082,008*	1,097,763*	1,086,688*	1,065,600*	935,485*	864,370*
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	(D)	189,981*	230,989*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,023,970	1,144,412	1,191,683	1,225,107	1,327,425	1,458,442	16,431,938	18,398,393	19,930,103	20,930,951	22,760,721	25,195,946
Retail trade	1,296,476	1,358,080	1,439,351	1,531,038	1,601,883	1,736,828	15,377,448	16,713,320	18,058,128	19,801,501	21,372,198	22,794,659
Finance, insurance, and real estate	1,006,997	1,062,937	1,146,047	1,272,616	1,381,326	1,506,064	23,877,194	25,846,485	28,893,556	33,923,348	39,914,528	44,200,322
Banking and credit agencies	323,127	343,426*	382,312*	407,715	404,741*	421,934*	7,596,658*	7,894,400*	8,330,834*	9,491,123*	10,402,106*	11,500,523*
Other finance, insurance, and real estate[9]	683,870	695,460*	739,452*	864,901	957,188*	1,061,217*	16,246,469*	17,237,043*	19,520,503*	23,106,636*	27,797,772*	30,026,849*
Services	3,061,062	3,382,433	3,693,709	4,019,790	4,446,901	4,914,914	49,464,156	55,792,087	62,307,710	69,197,038	76,517,167	84,712,284
Hotels and other lodging places	52,545	52,848	53,966	49,770	59,352	65,170	(D)	(D)	958,564*	1,050,465*	1,227,656*	1,410,497*
Personal services	141,215	150,163	174,908	185,635	197,865	214,776	1,485,780	1,489,836*	1,776,295*	1,925,570*	2,048,279*	2,264,347*
Private households	31,350	34,887	34,926	34,736	34,952	35,520	881,060*	980,377*	983,465*	979,339*	983,410*	993,793*
Business services	539,472	658,585	796,586	884,260	993,310	1,136,806	13,287,459	15,321,724	17,603,830	19,556,520	21,589,975	23,972,093
Auto repair, services, and garages	86,530	102,788	118,244	127,590	137,360	155,688	1,148,322	1,325,535	1,484,525	1,613,543	1,815,751	1,971,474
Miscellaneous repair services	41,605	47,893	44,289	47,533	50,269	61,819	688,759	795,977	815,770	900,378	949,661	1,054,043
Amusement and recreation services	74,445	79,256	85,330	85,713	91,861	105,390	1,257,536	1,418,707	1,642,649	1,880,793	2,152,271	2,466,109*
Motion pictures	7,595*	8,945*	9,220*	8,903*	8,542*	(D)	737,080*	1,001,140*	1,158,879*	1,180,506*	1,246,032*	1,278,235*
Health services	1,260,508	1,309,230	1,351,303	1,457,915	1,614,565	1,717,745	12,741,856	13,855,979	15,195,299	16,510,888	18,724,404	20,705,827
Legal services	234,765	275,111	306,825	337,208	374,028	416,651	5,189,683	6,168,850	6,814,759	7,862,226	8,717,032	9,855,061
Educational services	171,754	194,342	213,730	233,571	250,864	271,098	2,323,415*	2,542,045*	2,794,810*	3,027,427*	3,277,014*	3,679,839
Social services	105,632	118,421	130,847	141,674	162,953	187,112	1,640,414	1,829,486	2,053,815	2,381,535	2,596,615	2,899,357
Museums, botanical, zoological gardens	1,511*	1,752*	2,119*	2,234*	2,461*	2,968*	(D)	(D)	(D)	151,005*	163,677*	(D)
Membership organizations	110,250*	117,073*	118,216*	123,783*	134,720*	162,254	1,647,116	1,753,054	1,860,196	1,957,969	2,101,831	2,298,501
Miscellaneous services	190,868	219,437	241,156	286,960	320,836	370,223	5,315,598	6,000,208	6,676,250	7,859,488	8,510,982	9,341,589
Government and government enterprises	1,809,318	1,936,326	2,042,955	2,131,953	2,226,956	2,393,900	25,521,061	27,759,188	29,790,658	32,164,029	34,816,205	37,811,510
Federal, civilian	282,198	292,539	307,968	303,844	329,217	354,011	4,577,848	4,933,890	5,120,960	5,113,005	5,344,702	5,742,845
Military	48,356	61,401	69,236	74,069	78,316	81,164	511,004	569,029	602,419	624,313	632,714	640,707
State and local	1,478,764	1,582,386	1,665,751	1,754,040	1,819,423	1,958,725	20,432,209	22,256,269	24,067,279	26,426,711	28,838,789	31,427,958

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Philadelphia—Wilmington—Trenton, PA—NJ—DE—MD (CMSA)						Pittsburgh—Beaver Valley, PA (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**76,468,689**	**82,355,800**	**88,854,037**	**94,734,108**	**102,651,969**	**111,182,279**	**29,408,145**	**30,733,263**	**31,971,533**	**33,121,690**	**34,713,033**	**37,021,599**
Nonfarm personal income	76,259,966	82,092,147	88,576,118	94,470,058	102,365,034	110,885,602	29,379,351	30,680,426	31,920,059	33,074,555	34,658,614	36,970,218
Farm income[1]	208,723	263,653	277,919	264,050	286,935	296,677	28,794	52,837	51,474	47,135	54,419	51,381
Population (thousands)[2]	5,731.7	5,758.3	5,786.5	5,848.9	5,910.8	5,963.3	2,391.0	2,369.2	2,334.4	2,309.8	2,292.0	2,284.1
Per capita personal income (dollars)	**13,341**	**14,302**	**15,355**	**16,197**	**17,367**	**18,644**	**12,300**	**12,972**	**13,696**	**14,340**	**15,145**	**16,208**
Derivation of total personal income:												
Total earnings by place of work	54,253,236	58,880,863	63,670,960	68,333,072	74,749,686	81,271,824	20,362,924	21,372,146	22,065,292	22,763,207	24,056,707	25,637,548
Less: Personal contributions for social insurance[3]	3,422,104	3,788,596	4,268,799	4,757,016	5,116,699	5,808,931	1,268,961	1,371,543	1,480,725	1,554,578	1,609,055	1,802,011
Plus: Adjustment for residence	698,601	807,373	846,919	840,314	909,517	986,923	−373,464	−369,515	−388,048	−384,093	−394,636	−406,551
Equals: Net earnings by place of residence	51,529,733	55,899,640	60,249,080	64,416,370	70,542,504	76,449,816	18,720,499	19,631,088	20,196,519	20,824,536	22,053,016	23,428,986
Plus: Dividends, interest, and rent[5]	12,473,680	13,766,326	15,043,527	15,828,026	17,035,638	18,700,321	4,909,376	5,347,950	5,681,670	5,853,134	6,026,411	6,579,514
Plus: Transfer payments	12,465,276	12,689,834	13,561,430	14,489,712	15,073,827	16,032,142	5,778,270	5,754,225	6,093,344	6,444,020	6,633,606	7,013,099
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	45,005,455	48,888,068	52,818,785	56,666,946	61,988,099	67,518,426	16,499,018	17,302,275	17,879,378	18,392,130	19,393,767	20,686,753
Other labor income	4,879,183	5,043,445	5,207,465	5,583,032	6,047,382	6,516,555	1,998,785	1,972,626	1,923,783	1,945,987	2,031,760	2,147,372
Proprietors' income[6]	4,368,598	4,949,350	5,644,710	6,083,094	6,714,205	7,236,843	1,865,121	2,097,245	2,262,131	2,425,090	2,631,180	2,803,423
Farm	115,545	172,904	187,756	174,773	192,558	201,684	18,105	42,372	41,101	36,887	43,600	40,521
Nonfarm	4,253,053	4,776,446	5,456,954	5,908,321	6,521,647	7,035,159	1,847,016	2,054,873	2,221,030	2,388,203	2,587,580	2,762,902
Earnings by industry:												
Farm	208,723	263,653	277,919	264,050	286,935	296,677	28,794	52,837	51,474	47,135	54,419	51,381
Nonfarm	54,044,513	58,617,210	63,393,041	68,069,022	74,462,751	80,975,147	20,334,130	21,319,309	22,013,818	22,716,072	24,002,288	25,586,167
Private	45,791,851	49,886,604	54,123,235	58,433,967	63,971,931	69,797,428	18,132,892	18,940,749	19,528,078	20,155,281	21,310,109	22,729,982
Agricultural services, forestry, fisheries, and other[7]	194,157	208,157	226,262	260,640	321,402*	369,983*	50,820	48,750	44,236	46,788	64,312	71,621
Agricultural services	184,733*	199,906*	214,824*	247,702*	311,443*	359,255*	48,260	46,323	41,703	44,515	62,380	69,553
Forestry, fisheries, and other[7]	7,964*	6,863*	9,966*	11,171*	10,400	11,224	2,560	2,427	2,533	2,273	1,932	2,068
Mining	174,949	192,468	267,891	127,396	114,949*	118,747*	378,807	406,375	427,267	380,410	317,596	303,628
Coal mining	(D)	(D)	1,922*	2,071*	1,147	1,161	290,882	305,018	295,807	294,721*	223,826*	214,731*
Oil and gas extraction	(D)	(D)	(D)	(D)	61,265*	59,505*	76,225	87,462	117,198	68,628	66,370*	67,296
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	163*	(D)	790
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	45,622*	50,756*	(D)	(D)	(D)	16,037*	(D)	(D)
Construction	3,238,337	3,648,962	3,732,756*	4,156,718*	4,643,070*	5,265,526*	1,386,920	1,450,917	1,521,012	1,683,624	1,782,310	1,742,620
Manufacturing	13,742,967	14,625,361	15,448,364	15,803,864	16,351,551	17,208,192	5,409,658	5,346,560	5,079,540	4,698,670	4,722,948	5,050,810
Nondurable goods	6,873,833	7,163,660	7,572,532	7,838,861	8,128,409	8,679,396	1,090,583	1,127,271	1,125,409	1,062,402	1,132,258	1,274,838
Food and kindred products	862,268*	898,264*	958,180*	982,542*	1,023,460*	1,077,006*	225,692*	243,084	217,966*	219,707*	229,739*	244,140*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	403,098*	440,704*	424,688*	401,410*	380,120*	400,263*	32,870	36,555	30,004	26,533	25,751	31,437
Paper and allied products	526,028*	557,570*	585,206*	627,076*	651,946*	699,960*	45,435*	(D)	(D)	(D)	(D)	(D)
Printing and publishing	960,570*	1,012,372	1,126,044*	1,207,863	1,296,434	1,392,076*	214,719	226,898	243,165	250,060	250,347	260,400
Chemicals and allied products	2,608,247*	2,745,124*	2,950,710*	3,099,928*	3,223,160*	3,522,632*	(D)	288,973*	308,530*	317,931*	387,060	484,949
Petroleum and coal products	725,098	670,274*	698,891*	625,684*	696,044*	651,068*	159,471*	166,071	130,147	46,819	33,281	32,218
Tobacco manufactures	1,969	2,192	2,212	2,459	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	367,547*	418,169*	439,436*	(D)	449,930*	470,822*	74,560*	82,342*	88,557*	100,403	121,847	128,211
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	421	360	413	373	(D)	(D)
Durable goods	6,869,134	7,461,701	7,875,832	7,965,003	8,223,142	8,528,796	4,319,075	4,219,289	3,954,131	3,636,268	3,590,690	3,775,972
Lumber and wood products	56,985*	62,321*	(D)	(D)	101,686*	(D)	14,543	17,339	19,021	20,680	23,605	27,117
Furniture and fixtures	142,623*	170,918*	183,771*	198,252*	(D)	(D)	(D)	(D)	(D)	29,668*	31,798*	31,673*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,791,063	1,770,407	1,531,960	1,279,923*	1,232,799*	1,346,405*
Fabricated metal products	(D)	1,018,376*	(D)	(D)	(D)	(D)	403,692*	382,771*	389,524*	374,459*	382,294*	399,518*
Machinery, except electrical	1,394,275*	1,479,887*	1,608,659*	1,511,827*	1,542,863*	1,738,059*	458,898	580,781	565,237	542,332	548,952	571,985
Electric and electronic equipment	(D)	1,365,046*	1,433,883*	1,575,389*	(D)	1,608,275*	635,288*	504,946*	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	111,009*	(D)	(D)	(D)	73,798*	54,061*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	517,179*	539,022*	550,558*	592,251*	607,223*	614,021*	386,232	347,844*	359,931*	363,660*	375,708*	429,166
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	156,771*	170,725*	167,720*	168,369*	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	24,803*	31,088	31,336	31,159	35,252	37,790*
Transportation and public utilities	3,454,725*	3,691,320	3,555,718*	3,729,013*	4,069,492*	4,258,089*	1,572,660	1,607,929	1,602,338	1,647,284	1,706,262	1,813,667
Railroad transportation	(D)	383,278	398,286	356,570*	(D)	(D)	147,243	148,635	150,591	144,462	129,980	128,638
Trucking and warehousing	716,061*	854,934	888,849	975,857	1,104,711	1,210,434	291,989	325,530	309,073	321,095	348,964	374,821
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	238,806*	251,091*	278,895*	(D)	(D)	370,230*
Communication	(D)	(D)	(D)	(D)	(D)	(D)	376,004	376,361	336,840	332,552	349,143	358,047
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	467,343	452,510	478,675	497,412	508,330	521,396
Wholesale trade	3,595,799*	4,048,371	4,310,453	4,626,980	5,114,267	5,707,752	1,297,275	1,357,894	1,430,629	1,484,251	1,544,542	1,704,007
Retail trade	4,924,191	5,273,692	5,670,134	6,177,986	6,656,227	7,209,231	2,049,133	2,110,212	2,162,936	2,248,974	2,318,077	2,465,900
Finance, insurance, and real estate	3,522,581	3,836,437	4,315,540	5,036,292	5,903,722	6,527,370	1,104,458	1,169,960	1,259,522	1,396,399	1,547,591	1,596,999
Banking and credit agencies	1,140,232	(D)	1,435,626	1,656,772*	1,882,766*	2,057,697*	531,808	578,786	621,758	675,699	712,649	711,836
Other finance, insurance, and real estate[9]	2,382,349	2,404,627*	2,879,914	3,305,648*	3,939,400*	4,384,146*	572,650	591,174	637,764	720,700	834,942	885,163
Services	12,881,012	14,361,836	16,015,101*	17,844,721*	20,045,195*	22,291,010*	4,883,161	5,442,152	6,000,598	6,568,881	7,306,471	7,980,730
Hotels and other lodging places	(D)	227,676*	245,528*	271,624*	294,807*	313,999*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	425,966*	452,503*	552,947*	594,261*	641,555*	777,116	208,077	215,904	265,824	284,939	306,468	336,147
Private households	(D)	180,349*	180,780*	180,619*	181,925*	176,050*	42,192	46,696	46,602	46,423	46,635	45,038*
Business services	2,574,263	3,011,920	3,528,477*	4,046,436*	4,618,557*	5,117,779*	673,762	934,006	1,109,390	1,206,228	1,315,121	1,451,220
Auto repair, services, and garages	483,602	562,173	627,188	690,490	742,542	826,602	167,851	190,259	206,810	226,425	236,773	257,650
Miscellaneous repair services	212,277*	254,744*	260,940*	262,967*	282,274*	311,681	91,505	97,849	99,825	104,604	105,517	113,755
Amusement and recreation services	223,054	249,180	300,639	323,789	349,281	384,168*	118,638	133,397	141,558	146,851	155,289	170,586
Motion pictures	(D)	(D)	(D)	(D)	(D)	59,898*	14,740*	16,831*	15,916*	19,877*	(D)	(D)
Health services	4,319,641	4,673,523	5,107,990	5,584,108	6,355,611	7,007,824	1,901,676	2,016,864	2,161,727	2,332,971	2,691,778	2,899,218
Legal services	1,052,197	1,237,837	1,400,959	1,595,648	1,803,194	2,089,904	312,088	359,813	385,614	433,765	491,659	572,817
Educational services	(D)	(D)	(D)	(D)	(D)	1,735,860	421,197	451,332	492,080	539,037	596,165	663,529
Social services	408,818	429,771	478,614	579,992	645,567	735,444	100,172	111,030	127,458	141,236	170,268	192,011
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	4,544*	4,891*	5,198*	5,618*	(D)	(D)
Membership organizations	442,316	472,139	491,588	531,006	578,790	628,925	197,501	200,376	203,970	217,443	230,571	253,848
Miscellaneous services	(D)	1,209,746	1,388,839	1,636,106	1,859,165	2,130,301	542,783	579,021	649,075	768,951	831,617	886,861
Government and government enterprises	8,252,662	8,730,606	9,269,806	9,635,055	10,490,820	11,177,719	2,201,238	2,378,560	2,485,740	2,560,791	2,692,179	2,856,185
Federal, civilian	2,172,842	2,269,506	2,419,862	2,381,147	2,549,828	2,740,812	469,792	494,273	514,851	512,432	539,195	585,187
Military	543,126	557,555	571,281	586,476	673,069	652,748	80,378	76,792	84,996	90,650	93,013	95,659
State and local	5,536,694	5,903,545	6,278,663	6,667,432	7,267,923	7,784,159	1,651,068	1,807,495	1,885,893	1,957,709	2,059,971	2,175,339

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Portland—Vancouver, OR—WA (CMSA)						San Francisco—Oakland—San Jose, CA (CMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**16,593,541**	**17,995,337**	**18,978,739**	**19,891,785**	**21,233,404**	**23,257,833**	**92,204,790**	**102,337,791**	**110,313,597**	**116,832,245**	**125,127,234**	**135,838,257**
Nonfarm personal income	16,497,542	17,863,741	18,834,414	19,704,230	21,029,269	23,033,422	91,759,303	101,844,807	109,802,632	116,216,195	124,506,690	135,230,976
Farm income[1]	95,999	131,596	144,325	187,555	204,135	224,411	445,487	492,984	510,965	616,050	620,544	607,281
Population (thousands)[2]	1,326.6	1,338.2	1,350.1	1,370.3	1,384.4	1,414.2	5,632.9	5,707.5	5,802.7	5,874.0	5,948.1	6,041.8
Per capita personal income (dollars)	**12,508**	**13,447**	**14,058**	**14,516**	**15,338**	**16,446**	**16,369**	**17,931**	**19,011**	**19,890**	**21,037**	**22,483**
Derivation of total personal income:												
Total earnings by place of work	12,031,839	13,207,764	14,061,145	14,895,545	15,968,358	17,592,207	69,316,660	77,397,544	83,558,894	89,077,343	95,693,550	104,048,458
Less: Personal contributions for social insurance[3]	768,420	847,862	940,754	1,038,563	1,105,872	1,270,074	3,935,096	4,401,684	4,972,586	5,380,061	5,770,607	6,549,552
Plus: Adjustment for residence	−82,475	−105,471	−135,666	−128,552	−162,653	−184,627	−242,505	−280,758	−305,024	−340,276	−356,990	−391,756
Equals: Net earnings by place of residence	11,180,944	12,254,431	12,984,725	13,728,430	14,699,833	16,137,506	65,139,059	72,715,102	78,281,284	83,357,006	89,565,953	97,107,150
Plus: Dividends, interest, and rent[5]	2,874,369	3,159,261	3,295,793	3,445,362	3,679,063	4,047,023	15,978,447	18,288,474	19,654,962	20,333,208	21,753,461	23,953,364
Plus: Transfer payments	2,538,228	2,581,645	2,698,221	2,717,993	2,854,508	3,073,304	11,087,284	11,334,215	12,377,351	13,142,031	13,807,820	14,777,743
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,903,920	10,827,585	11,424,453	12,158,528	12,991,425	14,360,654	56,459,307	62,867,086	67,775,877	72,139,557	77,224,996	84,229,978
Other labor income	988,006	1,042,396	1,180,456	1,151,535	1,239,553	1,366,027	6,023,221	6,485,900	6,871,770	7,136,781	7,585,329	8,223,904
Proprietors' income[6]	1,139,913	1,337,783	1,456,236	1,585,482	1,737,380	1,865,526	6,834,132	8,044,558	8,911,247	9,801,005	10,883,225	11,594,576
Farm	53,059	89,414	102,314	145,776	159,970	180,041	255,238	298,678	306,910	403,783	392,278	368,499
Nonfarm	1,086,854	1,248,369	1,353,922	1,439,706	1,577,410	1,685,485	6,578,894	7,745,880	8,604,337	9,397,222	10,490,947	11,226,077
Earnings by industry:												
Farm	95,999	131,596	144,325	187,555	204,135	224,411	445,487	492,984	510,965	616,050	620,544	607,281
Nonfarm	11,935,840	13,076,168	13,916,820	14,707,990	15,764,223	17,367,796	68,871,173	76,904,560	83,047,929	88,461,293	95,073,006	103,441,177
Private	10,211,584	11,252,124	11,877,047	12,668,639	13,593,952	15,035,059	58,673,804	66,048,671	71,140,156	76,087,145	81,762,758	89,249,492
Agricultural services, forestry, fisheries, and other[7]	69,493	66,440	67,804	69,986	95,402	107,596	335,968	349,425	366,851	(D)	(D)	578,481
Agricultural services	48,091	47,015	47,980	52,086	74,248*	88,424	306,659	329,569	335,376	346,811	(D)	(D)
Forestry, fisheries, and other[7]	21,402	19,425	19,824	17,900	(D)	19,172	29,309	19,856	31,475	40,526*	37,370	(D)
Mining	42,627	45,013	54,668	30,769	28,460	30,209	444,609	462,791	537,825	(D)	326,551*	376,350
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	546	739	(D)	826	(D)	225
Oil and gas extraction	(D)	(D)	34,729	12,214	(D)	(D)	(D)	(D)	(D)	(D)	238,455*	277,462
Metal mining	(D)	511	(D)	(D)	(D)	(D)	38,892*	31,766*	39,005*	(D)	63,693*	56,312*
Nonmetallic minerals, except fuels	9,034	8,609	9,170	10,567	9,593	(D)	(D)	(D)	41,483*	45,509*	43,226*	(D)
Construction	604,037	720,628	744,605	801,954	853,928	1,010,198	4,365,671	5,392,339	5,814,944	6,166,257	6,582,200	7,120,618
Manufacturing	2,638,320	2,936,101	3,016,185	3,173,580	3,316,588	3,638,292	15,157,832	16,715,448	17,520,848	18,092,338	18,890,715	20,561,477
Nondurable goods	776,805	824,634	858,321	889,378	961,697	1,034,859	4,080,732	4,283,344	4,396,148	4,640,172	4,883,403	5,317,993
Food and kindred products	220,383	219,936	228,062	232,599	249,887	257,739	1,251,545	1,258,468	1,288,719*	1,313,582*	1,335,034*	1,380,435
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,182*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	261,587*	292,669*	267,843*	284,254*	317,866*	371,957*
Paper and allied products	(D)	241,670*	255,499*	268,387*	275,909*	283,018*	226,485*	252,369*	241,453*	261,556*	268,342*	266,160*
Printing and publishing	145,042	161,403	176,939	186,062	211,318	243,277	818,859	889,005	924,395	1,008,478	1,094,625	1,224,287
Chemicals and allied products	42,236*	41,494*	43,512*	40,928*	42,167*	46,263*	639,190*	681,762*	782,589*	853,034*	913,403*	1,040,759
Petroleum and coal products	10,635*	10,497*	7,410*	10,204*	9,378	13,843	657,152*	637,359*	658,515*	678,245*	696,607*	760,595*
Tobacco manufactures	(L)	(D)	(D)	97	132	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	42,844*	50,021*	48,893*	50,829*	59,203*	80,173	182,751*	229,113*	189,436*	204,187*	222,189*	238,217
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,861,515	2,111,467	2,157,864	2,284,202	2,354,891	2,603,433	11,077,100	12,432,104	13,124,700	13,452,166	14,007,312	15,243,484
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	101,378*	128,937	(D)	127,842*	164,828*	173,877*
Furniture and fixtures	32,377*	38,807	40,452	39,033*	(D)	(D)	117,727*	134,811*	137,664*	118,073*	130,351*	146,810*
Primary metal industries	185,581*	243,651	237,818*	238,242*	258,903*	300,325*	410,448*	485,840	(D)	(D)	(D)	(D)
Fabricated metal products	208,424	220,907	219,190	216,303	231,425	240,803	848,674*	894,940	806,878*	815,376	697,287	684,877
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	2,684,667	3,065,586	3,193,101	3,330,796	3,626,237	3,962,525*
Electric and electronic equipment	218,199	272,831	279,078	300,971	341,130	396,443	3,623,132*	4,219,049*	4,549,512*	4,471,754*	4,707,116*	5,013,535*
Transportation equip. excl. motor vehicles	83,535*	97,027*	109,147*	163,144*	147,827*	176,315*	(D)	1,384,000*	1,628,923*	1,755,806*	1,700,737*	1,824,332*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	119,086*	113,872*	162,843*	202,910*	186,509*	185,930*
Stone, clay, and glass products	52,139	50,396	51,506	55,779	61,927	71,651	294,183	316,584	328,619	343,945	355,537	425,327
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,246,299	1,445,985	1,555,235	1,702,851	1,849,078	2,086,930
Miscellaneous manufacturing industries	38,250	44,625	45,966	47,281	56,249	65,344	(D)	223,503	151,789	146,454	150,827	137,843
Transportation and public utilities	1,081,977	1,164,384	1,189,186	1,195,514	1,296,587	1,362,150	5,440,609	5,902,069	6,205,873	6,613,661	6,789,231	6,974,439
Railroad transportation	109,183	113,783*	103,071*	94,077*	88,386	76,613	244,655	227,409*	227,394	206,070	189,754	181,144
Trucking and warehousing	326,993	357,075	374,660	387,222	428,270	456,890	835,563*	974,443*	1,018,024	1,075,802	1,060,884*	1,248,050
Water transportation	66,369	69,098	57,351*	59,454*	65,417*	70,816	258,828*	279,339*	296,517*	339,950*	372,223*	366,621*
Other transportation[8]	115,802	(D)	140,554*	(D)	180,656*	235,321	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	340,824	(D)	1,639,470*	1,838,817*	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	160,491*	177,666*	201,692	189,072	181,019	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,109,387	1,213,124	1,297,465	1,370,772	1,427,887	1,609,742	4,097,019	4,752,546	5,293,768	5,624,770	5,885,587	6,684,035
Retail trade	1,337,838	1,439,748	1,471,968	1,553,256	1,631,152	1,808,642	6,793,383	7,396,711	7,905,314	8,429,981	8,798,489	9,448,732
Finance, insurance, and real estate	810,263	841,765	900,621	1,005,731	1,127,702	1,237,743	5,326,233	5,829,429	6,545,244	7,567,208	8,387,560	8,920,168
Banking and credit agencies	(D)	310,182	325,976	355,168	380,668	375,038*	2,064,282*	2,243,841*	2,432,342*	2,758,724	2,913,119	3,022,229
Other finance, insurance, and real estate[9]	(D)	531,583	574,645	650,563	747,034	761,498*	2,964,307*	3,270,378*	3,787,194*	4,808,484	5,474,441	5,897,939
Services	2,517,642	2,824,921	3,134,545	3,467,077	3,816,246	4,230,487	16,712,480	19,247,913	20,949,489	22,859,558	25,559,419	28,585,192
Hotels and other lodging places	63,116	65,489	67,373	72,835	82,860	103,974	497,048	(D)	(D)	(D)	(D)	(D)
Personal services	125,719	125,683*	152,431*	165,542*	172,710*	185,271*	634,130	683,913	848,753	906,665	975,192	1,069,572
Private households	27,116	30,211	30,330	30,299	30,600	31,309	(D)	(D)	(D)	(D)	(D)	(D)
Business services	413,544	519,301	619,256	702,170	800,508	917,176	4,690,525	5,662,895	6,122,827	6,707,237	7,513,166	8,863,079
Auto repair, services, and garages	128,164	151,595	168,965	179,919	188,395	204,026	724,115	840,477	941,446	1,006,093	1,079,561	1,172,142
Miscellaneous repair services	61,834	74,039	69,912	86,732	92,996	101,374	385,276	496,394	466,223	437,236	414,812	464,768
Amusement and recreation services	43,671	51,107	62,377	63,248	72,275	82,472	334,538	373,370*	413,995*	469,320*	532,139*	612,491*
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	69,775*	122,565*	139,271*	177,896*	154,202*	172,938*
Health services	905,212	949,627	1,039,421	1,128,121	1,261,370	1,355,969	4,026,182	4,445,022	4,932,270	5,378,067	6,071,316	6,409,030
Legal services	222,814	260,920	277,674	315,758	338,259	381,501	1,285,828	1,581,045	1,750,215	2,063,980	2,377,112	2,725,163
Educational services	88,980*	106,775*	113,846*	122,318*	135,505*	146,585*	639,360	(D)	(D)	(D)	(D)	(D)
Social services	79,167	90,276	100,539	112,877	127,006	145,709	336,799	400,782	446,855	500,671	569,166	659,661
Museums, botanical, zoological gardens	4,292*	4,262*	4,915*	5,941*	6,193*	6,953*	11,850*	13,439*	15,139*	17,420*	20,028*	21,857*
Membership organizations	113,973	120,883	127,591	133,911	140,240	151,426	618,200	646,052	698,285	743,394	787,493	860,763
Miscellaneous services	223,696	250,027	271,732	317,213	336,407	380,960	2,226,717	2,422,482	2,520,116	2,720,762	3,176,123	3,469,010
Government and government enterprises	1,724,256	1,824,044	2,039,773	2,039,351	2,170,271	2,332,737	10,197,369	10,855,889	11,907,773	12,374,148	13,310,248	14,191,685
Federal, civilian	440,902	471,408	496,808	499,702	533,043	584,381	2,509,213	2,614,513	2,747,016	2,739,639	2,890,832	3,177,954
Military	38,126	38,942	47,278	56,463	56,531	56,478	936,382	958,658	1,019,266	1,031,664	1,095,038	1,156,771
State and local	1,245,228	1,313,694	1,495,687	1,483,186	1,580,697	1,691,878	6,751,774	7,282,718	8,141,491	8,602,845	9,324,378	9,856,960

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Seattle—Tacoma, WA (CMSA)					
	1983	1984	1985	1986	1987	1988
Income by Place of Residence						
Total personal income	**30,503,821**	**32,933,918**	**35,454,633**	**38,152,831**	**41,216,433**	**44,876,690**
Nonfarm personal income	30,444,925	32,868,395	35,381,712	38,059,794	41,113,698	44,784,777
Farm income[1]	58,896	65,523	72,921	93,037	102,735	91,913
Population (thousands)[2]	2,185.0	2,210.8	2,250.5	2,296.9	2,351.4	2,420.8
Per capita personal income (dollars)	**13,960**	**14,897**	**15,754**	**16,611**	**17,529**	**18,538**
Derivation of total personal income:						
Total earnings by place of work	22,898,382	24,793,383	26,744,301	29,149,452	31,511,024	34,358,024
Less: Personal contributions for social insurance[3]	1,307,641	1,434,708	1,611,959	1,804,793	1,945,088	2,211,343
Plus: Adjustment for residence	−184,299	−215,464	−264,902	−339,007	−366,837	−413,864
Equals: Net earnings by place of residence	21,406,442	23,143,211	24,867,440	27,005,652	29,199,099	31,732,817
Plus: Dividends, interest, and rent[5]	4,844,232	5,365,808	5,803,662	6,118,114	6,692,245	7,387,209
Plus: Transfer payments	4,253,147	4,424,899	4,783,531	5,029,065	5,325,089	5,756,664
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	19,130,422	20,702,083	22,297,916	24,284,912	26,217,120	28,676,683
Other labor income	1,871,261	1,949,215	2,010,448	2,183,974	2,338,823	2,540,846
Proprietors' income[6]	1,896,699	2,142,085	2,435,937	2,680,566	2,955,081	3,140,495
Farm	33,722	40,759	48,602	68,980	77,318	66,369
Nonfarm	1,862,977	2,101,326	2,387,335	2,611,586	2,877,763	3,074,126
Earnings by industry:						
Farm	58,896	65,523	72,921	93,037	102,735	91,913
Nonfarm	22,839,486	24,727,860	26,671,380	29,056,415	31,408,289	34,266,111
Private	19,101,640	20,723,678	22,351,631	24,522,219	26,604,949	29,155,488
Agricultural services, forestry, fisheries, and other[7]	204,376	163,957	253,154	332,671	373,566	444,370
Agricultural services	83,254	87,894	88,674	94,237	133,990	150,349
Forestry, fisheries, and other[7]	121,122	76,063	164,480	238,434	239,576	294,021
Mining	55,548	59,562	81,130	40,277	40,668	43,498
Coal mining	(D)	(D)	1,605*	1,038	(D)	1,770
Oil and gas extraction	41,158	44,674	66,244	24,426	24,154	23,973
Metal mining	(D)	(D)	102*	313	(D)	1,976
Nonmetallic minerals, except fuels	(D)	12,841	13,108	14,500	14,280	15,779
Construction	1,516,912	1,713,534	1,704,566	1,927,570	2,083,965	2,297,396
Manufacturing	5,220,952	5,636,154	6,099,263	6,832,620	7,249,515	7,935,745
Nondurable goods	928,979	987,339	1,030,572	1,084,463	1,139,811	1,212,495
Food and kindred products	325,338	318,474	328,021	339,335	354,103	375,565
Textile mill products	3,115*	3,440*	5,909*	(D)	8,154*	7,928*
Apparel and other textile products	68,392	77,090	(D)	(D)	(D)	73,598
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	248,409	269,956	292,134	321,776	349,197	390,132
Chemicals and allied products	59,525	61,315*	67,630*	69,838*	67,416*	72,593*
Petroleum and coal products	15,635	16,964	13,941	14,431	15,409	18,063
Tobacco manufactures	(L)	54	(L)	(D)	64	(L)
Rubber and misc. plastic products	52,290	64,234	63,412	71,890	78,255	87,958
Leather and leather products	3,642*	4,435*	3,135*	3,642*	4,016	4,441*
Durable goods	4,291,973	4,648,815	5,068,691	5,748,157	6,109,704	6,723,250
Lumber and wood products	398,256	399,897	386,195	400,750	434,260	465,921
Furniture and fixtures	44,338	51,376	53,570	54,863	61,791	(D)
Primary metal industries	118,571	123,376*	114,812	103,540	99,936	102,886
Fabricated metal products	172,797	185,340	181,687	191,030	205,196	225,319
Machinery, except electrical	221,894	212,809	(D)	(D)	247,252	315,920
Electric and electronic equipment	232,047	(D)	(D)	(D)	266,581*	278,513*
Transportation equip. excl. motor vehicles	(D)	2,933,234*	3,360,319	3,972,249	4,169,188	4,555,517
Motor vehicles and equipment	49,755*	(D)	(D)	63,593	134,604	142,098*
Stone, clay, and glass products	111,839	119,605	124,364	126,865	139,329	159,718
Instruments and related products	163,359*	184,310*	209,840*	216,992*	241,860*	287,304
Miscellaneous manufacturing industries	53,678	64,922	67,010	71,150	79,835	91,696
Transportation and public utilities	1,906,646	2,027,625	2,123,021	2,231,435	2,346,288	2,539,646
Railroad transportation	109,392	(D)	108,263	104,836	106,519	99,663
Trucking and warehousing	339,958	377,626	354,425*	366,971*	390,475*	(D)
Water transportation	(D)	(D)	(D)	(D)	256,324	278,508
Other transportation[8]	501,461*	566,018*	606,624*	668,554*	711,440	776,160
Communication	609,311	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	116,192	126,930	141,662	144,294	135,769	154,802
Wholesale trade	1,752,905	1,924,336	1,997,887	2,097,651	2,218,869	2,441,682
Retail trade	2,478,683	2,585,652	2,712,544	2,876,717	3,088,853	3,360,258
Finance, insurance, and real estate	1,598,507	1,707,336	1,787,825	2,014,361	2,211,971	2,387,253
Banking and credit agencies	579,027	628,402	677,043	772,788	818,783	862,884
Other finance, insurance, and real estate[9]	1,019,480	1,078,934	1,110,782	1,241,573	1,393,188	1,524,369
Services	4,367,111	4,905,522	5,592,241	6,168,917	6,991,254	7,705,640
Hotels and other lodging places	135,269	135,681	143,301	143,370	164,541	170,759
Personal services	240,643	268,241	317,282	334,437	360,690	386,560
Private households	47,386	53,013	53,697	54,041	55,111	56,720
Business services	719,658	868,333	1,018,793	1,157,670	1,473,310	1,636,624
Auto repair, services, and garages	213,319	254,506	295,230	316,557	337,853	364,183
Miscellaneous repair services	108,660	125,298	128,298	139,759	155,245	180,436
Amusement and recreation services	131,203	157,633	179,956	191,149	209,939	228,689
Motion pictures	18,253*	23,282*	23,980*	28,213*	28,243*	28,629*
Health services	1,387,988	1,455,738	1,637,327	1,782,880	2,011,960	2,236,742
Legal services	404,806	464,373	540,604	619,332	665,416	733,220
Educational services	134,828	147,392	168,699	175,359	194,926	216,944
Social services	119,446	140,797	154,516	164,432	181,679	203,109
Museums, botanical, zoological gardens	2,714*	2,975*	3,398*	3,752*	4,528*	5,368*
Membership organizations	203,994	213,595	220,073	235,818	247,912	272,759
Miscellaneous services	497,965	592,727	704,831	819,728	897,154	981,900
Government and government enterprises	3,737,846	4,004,182	4,319,749	4,534,196	4,803,340	5,110,623
Federal, civilian	751,398	794,315	840,214	837,833	887,965	950,399
Military	601,490	630,116	699,369	717,660	727,036	736,918
State and local	2,384,958	2,579,751	2,780,166	2,978,703	3,188,339	3,423,306

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88

[Thousands of dollars]

	Abilene, TX (MSA)						Akron, OH (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,441,601**	**1,527,318**	**1,642,009**	**1,625,465**	**1,659,892**	**1,734,726**	**7,732,087**	**8,285,983**	**8,776,512**	**9,222,511**	**9,741,081**	**10,419,991**
Nonfarm personal income	1,431,926	1,515,623	1,622,500	1,602,582	1,634,745	1,705,635	7,728,020	8,271,563	8,765,646	9,211,758	9,730,245	10,410,744
Farm income[1]	9,675	11,695	19,509	22,883	25,147	29,091	4,067	14,420	10,866	10,753	10,836	9,247
Population (thousands)[2]	122.0	122.4	122.9	124.5	123.6	121.8	651.7	648.9	645.3	647.6	648.6	653.5
Per capita personal income (dollars)	**11,821**	**12,481**	**13,358**	**13,055**	**13,433**	**14,243**	**11,865**	**12,768**	**13,601**	**14,240**	**15,018**	**15,946**
Derivation of total personal income:												
Total earnings by place of work	1,162,703	1,222,787	1,291,462	1,256,281	1,263,769	1,309,485	5,258,760	5,697,230	5,995,923	6,332,428	6,688,332	7,096,253
Less: Personal contributions for social insurance[3]	61,467	64,926	71,882	70,568	71,136	77,557	350,298	381,610	421,619	452,982	474,909	524,288
Plus: Adjustment for residence	−82,635	−82,150	−85,216	−77,022	−76,363	−75,411	448,848	460,052	510,041	529,546	554,523	670,226
Equals: Net earnings by place of residence	1,018,601	1,075,711	1,134,364	1,108,691	1,116,270	1,156,517	5,357,310	5,775,672	6,084,345	6,408,992	6,767,946	7,242,191
Plus: Dividends, interest, and rent[4]	239,223	261,137	292,961	284,866	296,839	321,447	1,123,002	1,223,544	1,294,970	1,337,867	1,418,943	1,548,743
Plus: Transfer payments	183,777	190,470	214,684	231,908	246,783	256,762	1,251,775	1,286,767	1,397,197	1,475,652	1,554,192	1,629,057
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	929,477	972,173	1,023,747	986,307	968,767	998,037	4,472,185	4,842,016	5,111,395	5,372,857	5,672,776	6,030,507
Other labor income	86,468	86,202	86,169	83,214	82,114	86,076	478,507	498,528	499,972	528,310	542,241	564,848
Proprietors' income[5]	146,758	164,412	181,546	186,760	212,888	225,372	308,068	356,686	384,556	431,261	473,315	500,898
Farm	8,625	10,653	18,521	21,946	24,201	28,185	1,177	11,568	8,101	8,051	8,032	6,488
Nonfarm	138,133	153,759	163,025	164,814	188,687	197,187	306,891	345,118	376,455	423,210	465,283	494,410
Earnings by industry:												
Farm	9,675	11,695	19,509	22,883	25,147	29,091	4,067	14,420	10,866	10,753	10,836	9,247
Nonfarm	1,153,028	1,211,092	1,271,953	1,233,398	1,238,622	1,280,394	5,254,693	5,682,810	5,985,057	6,321,675	6,677,496	7,087,006
Private	919,752	965,393	1,012,125	948,064	942,602	975,324	4,575,128	4,953,908	5,206,518	5,476,963	5,775,082	6,127,388
Agricultural services, forestry, fisheries, and other[7]	10,249	9,453	7,176	6,687	12,851	13,236	23,843	25,574	25,417	24,950	29,881	33,844
Agricultural services	10,213	9,431	7,146	6,653	12,826	13,210	(D)	(D)	(D)	24,470	29,465	33,401
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	480	416	443
Mining	113,339	120,065	119,804	78,006	66,591	57,821	27,647	30,046	37,486	23,030	19,149	19,503
Coal mining	(D)	(L)	(L)	(L)	(L)	(L)	93	114	115	101	52	51
Oil and gas extraction	109,732	116,272	115,742	(D)	(D)	(D)	23,979	25,695	32,838	18,032	14,276	14,415
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	151	117
Nonmetallic minerals, except fuels	(D)	3,784	4,052	(D)	(D)	(D)	3,586	4,273	4,553	4,900	4,670	4,920
Construction	82,286	90,923	90,884	81,842	76,832	75,672	227,840	258,774	284,977	299,050	325,622	351,054
Manufacturing	136,411	125,416	131,337	124,192	119,213	126,625	1,937,937	2,103,868	2,161,666	2,242,167	2,234,006	2,306,550
Nondurable goods	42,208	46,171	45,994	44,984	48,069	49,156	1,008,960	1,072,320	1,077,902	1,111,363	1,132,699	1,159,217
Food and kindred products	23,912	26,995	26,650	24,943	28,536	30,055	61,489	62,522	68,319	67,231	74,981	80,678
Textile mill products	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,728	2,021	2,127	2,596	2,495	2,495	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	0	0	0	0	44,450	49,232	48,557	49,637	45,674	47,974
Printing and publishing	7,207	7,512	8,046	8,277	8,110	7,790	62,801	63,476*	71,343	78,793	87,502	101,385
Chemicals and allied products	255	260	244	(D)	(D)	(D)	89,622	83,706	76,471*	91,300	97,969	137,196
Petroleum and coal products	6,080	6,122	6,460	6,283	5,947	5,059	8,473	8,955*	9,868	12,843	13,233	20,634
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,162	2,929	2,317	2,531	2,690	3,469	732,442	791,425	785,435	800,240	802,111	758,467
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)
Durable goods	94,203	79,245	85,343	79,208	71,144	77,469	928,977	1,031,548	1,083,764	1,130,804	1,101,307	1,147,333
Lumber and wood products	689	835	962	1,282	873	349	5,551	4,363	3,922	3,518	3,761	6,567
Furniture and fixtures	(L)	(D)	(D)	(D)	(D)	(D)	7,590	7,777	7,421	7,718	11,412	13,589
Primary metal industries	(D)	0	0	0	0	0	22,693	24,840	25,266	24,380	29,397	38,513
Fabricated metal products	20,218	24,188	20,589	15,919	14,793	17,065	374,677	419,589	432,386	462,323	418,843	421,698
Machinery, except electrical	(D)	27,651	33,260	31,910	30,695	32,853	223,401	239,494	255,656	260,745	267,058	287,139
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	51,291	62,348	65,373	59,425	62,428	64,895
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	2,681	2,612	2,286	1,983	1,658	1,427	32,965	30,159	27,700	20,582	24,271	26,135
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	9,690*	9,517*	9,361*	10,855*	15,507*	18,092*
Miscellaneous manufacturing industries	5,421	6,703	4,854	3,262	1,241	1,293	14,649*	20,991*	21,179	25,263	31,722*	35,832
Transportation and public utilities	66,477	71,521	73,836	70,055	77,128	80,095	395,249	426,515	417,051	437,016	449,628	461,829
Railroad transportation	297	923	684	705	735	941	15,782	15,789	14,215	13,457	11,793	13,066
Trucking and warehousing	19,824	23,598	21,448	19,255	17,380	18,943	193,629	213,209	203,345	215,461	221,643	240,060
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[6]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18,526	(D)
Communication	17,849	16,394	18,597	16,512	25,098	24,503	84,563	86,543	82,534	86,453	89,488	75,026
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	75,755	76,848	81,189	74,126	68,415	83,002	299,372	337,025	368,866	381,747	413,706	453,700
Retail trade	133,555	140,926	148,574	140,581	134,555	140,877	529,255	557,999	585,639	622,401	661,077	690,730
Finance, insurance, and real estate	56,343	57,622	58,731	57,423	61,838	56,695	185,525	180,183	200,542	223,733	261,018	275,808
Banking and credit agencies	28,881	29,424	30,266	28,691	28,709	26,570	73,085	71,091	74,377	81,048	86,234	89,975
Other finance, insurance, and real estate[8]	27,462	28,198	28,465	28,732	33,129	30,125	112,440	109,092	126,165	142,685	174,784	185,833
Services	245,337	272,619	300,594	315,152	325,179	341,301	948,460	1,033,924	1,124,874	1,222,869	1,380,995	1,534,370
Hotels and other lodging places	6,471	6,805	7,529	6,891	5,828	4,428	13,475	12,658	13,610	14,553	16,422	16,633
Personal services	13,031	14,128	17,090	17,436	17,028	17,345	51,193	55,558	64,936	70,469	78,057	91,144
Private households	4,936	5,548	5,650	5,721	5,768	5,826	(D)	12,409	12,406	12,331	12,408	12,535
Business services	44,043	50,519	55,561	57,177	60,000	64,440	148,689	174,045	195,313	212,146	244,639	289,636
Auto repair, services, and garages	14,091	16,759	18,972	17,816	18,064	19,134	40,113	45,420	50,555	56,319	59,820	63,768
Miscellaneous repair services	3,864	4,139	3,975	4,460	4,786	5,301	14,486	17,742	18,373	21,319	23,721	26,139
Amusement and recreation services	2,260	2,480	2,552	2,865	2,734	4,011	36,837	37,873	43,334	46,623	51,442	56,941
Motion pictures	397	492	522	670	554	594	(D)	(D)	(D)	(D)	(D)	(D)
Health services	87,392	95,534	108,603	117,763	124,738	132,913	401,512	418,449	443,749	465,618	538,592	587,462
Legal services	11,530	14,101	15,768	17,452	17,353	19,871	47,762	56,029	61,912	67,651	80,608	87,108
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	22,693	(D)	(D)	(D)	(D)	(D)
Social services	3,976	4,020	4,048	4,378	4,537	4,662	28,240	31,511	34,317	38,439	41,425	46,554
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	761	877	930	977	1,074	1,136
Membership organizations	7,128	7,519	8,153	8,268	8,621	9,082	54,584	54,577	56,922	57,929	59,860	62,890
Miscellaneous services	22,800	24,150	23,708	24,773	24,461	22,501	74,609	87,886	95,456	124,311	138,410	152,650
Government and government enterprises	233,276	245,699	259,828	285,334	296,020	305,070	679,565	728,902	778,539	844,712	902,414	959,618
Federal, civilian	25,864	28,763	31,062	30,600	31,567	33,040	55,485	59,737	63,468	64,426	68,491	74,156
Military	97,724	102,273	104,685	126,298	129,906	127,483	10,034	9,771	11,253	12,094	12,888	13,366
State and local	109,688	114,663	124,081	128,436	134,547	144,547	614,046	659,394	703,818	768,192	821,035	872,096

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Albany, GA (MSA)						Albany—Schenectady—Troy, NY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,089,718**	**1,185,325**	**1,248,367**	**1,302,486**	**1,359,765**	**1,454,370**	**10,184,888**	**11,089,137**	**11,781,937**	**12,633,089**	**13,590,582**	**14,718,388**
Nonfarm personal income	1,079,385	1,162,822	1,232,321	1,283,677	1,342,206	1,435,385	10,157,460	11,055,232	11,745,679	12,588,582	13,540,891	14,671,471
Farm income[1]	10,333	22,503	16,046	18,809	17,559	18,985	27,428	33,905	36,258	44,507	49,691	46,917
Population (thousands)[2]	116.0	117.3	117.6	117.7	117.1	116.3	836.2	836.9	839.1	842.7	843.2	850.8
Per capita personal income (dollars)	**9,391**	**10,109**	**10,617**	**11,068**	**11,610**	**12,504**	**12,181**	**13,250**	**14,041**	**14,992**	**16,118**	**17,299**
Derivation of total personal income:												
Total earnings by place of work	916,055	1,008,762	1,064,643	1,086,156	1,120,594	1,184,807	7,144,354	7,861,941	8,520,386	9,208,317	9,956,887	10,819,962
Less: Personal contributions for social insurance[3]	49,164	54,109	59,941	61,038	62,189	67,854	417,172	465,795	524,575	586,717	634,222	720,810
Plus: Adjustment for residence	−86,544	−95,207	−106,394	−99,427	−101,909	−103,610	−241,441	−290,038	−339,091	−369,078	−386,116	−413,579
Equals: Net earnings by place of residence	780,347	859,446	898,308	925,691	956,496	1,013,343	6,485,741	7,106,108	7,656,720	8,252,522	8,936,549	9,685,573
Plus: Dividends, interest, and rent[5]	124,509	134,002	141,511	150,355	164,010	180,395	1,738,215	1,938,301	1,990,816	2,110,841	2,263,696	2,481,094
Plus: Transfer payments	184,862	191,877	208,548	226,440	239,259	260,632	1,960,932	2,044,728	2,134,401	2,269,726	2,390,337	2,551,721
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	778,273	850,333	904,220	913,475	938,778	990,907	6,100,745	6,718,811	7,285,367	7,876,785	8,540,204	9,295,328
Other labor income	75,691	79,740	81,888	81,873	84,750	89,518	558,902	588,773	604,287	646,431	689,046	742,655
Proprietors' income[6]	62,091	78,689	78,535	90,808	97,066	104,382	484,707	554,357	630,732	685,101	727,637	781,979
Farm	5,614	17,864	11,473	14,311	12,813	14,226	15,610	22,310	24,859	33,305	38,003	35,282
Nonfarm	56,477	60,825	67,062	76,497	84,253	90,156	469,097	532,047	605,873	651,796	689,634	746,697
Earnings by industry:												
Farm	10,333	22,503	16,046	18,809	17,559	18,985	27,428	33,905	36,258	44,507	49,691	46,917
Nonfarm	905,722	986,259	1,048,597	1,067,347	1,103,035	1,165,822	7,116,926	7,828,036	8,484,128	9,163,810	9,907,196	10,773,045
Private	698,494	757,793	805,729	810,154	830,749	865,037	5,144,485	5,680,787	6,166,061	6,630,298	7,157,515	7,800,812
Agricultural services, forestry, fisheries, and other[7]	4,289	4,320	4,791	5,052	6,401	5,684	(D)	(D)	(D)	(D)	(D)	35,868
Agricultural services	(D)	(D)	(D)	2,504	3,506	3,832	(D)	(D)	(D)	(D)	(D)	34,916
Forestry, fisheries, and other[7]	(D)	(D)	(D)	2,548	2,895	1,852	(D)	1,073	1,061	924	865	952
Mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22,071
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	56	(L)	(L)	(L)	(L)
Oil and gas extraction	809	779	1,177	428	292	318	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	−65	(L)	(L)	220	172
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	45,587	52,049	49,910	56,374	75,272	73,042	323,710	400,599	467,713	543,045	631,407	721,225
Manufacturing	277,593	295,166	317,400	284,399	252,650	255,189	1,380,489	1,464,795	1,498,715	1,528,358	1,530,281	1,567,808
Nondurable goods	228,093*	243,159*	258,587*	220,511*	199,033*	200,593*	562,193	608,565	636,068	674,508	721,625	766,743
Food and kindred products	74,568	75,990	78,468	74,622*	75,550*	78,885	91,120*	93,296*	103,192*	110,795*	116,915*	120,535*
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)	41,163	36,066	31,776*	29,723*	28,393*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	81,022*	96,042*	105,673*	112,022	119,791	123,368
Printing and publishing	6,570*	7,178*	8,624*	8,964*	9,698*	8,517*	76,666	91,635	99,950	116,170	133,992	153,229
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	18,545*	16,845*	16,265*	16,709*	17,556*	16,387*
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)	4,380*	(D)	(D)	(D)
Durable goods	44,719*	46,862*	(D)	53,993*	45,020*	47,040*	818,296	856,230	862,647	853,850	808,656	801,065
Lumber and wood products	974*	1,264*	1,691*	2,132*	2,423*	2,246*	(D)	(D)	(D)	(D)	20,982	22,864
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	5,403*	4,731*	5,086	4,220	3,936	3,288	(D)	(D)	41,760*	45,175	46,177*	58,827*
Machinery, except electrical	(D)	(D)	(D)	(D)	4,564	3,958	(D)	429,247*	455,705*	464,369*	312,502*	286,567*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	2,442	(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	2,897	(D)	(D)	2,602	3,125	3,235	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38,759*	24,591*
Transportation and public utilities	59,068*	65,494	66,378	65,142	67,292	71,623	475,181	507,669	523,150	526,095	550,587	567,691
Railroad transportation	6,786	7,504	7,216	(D)	5,870	6,448	70,389*	84,340*	85,321*	(D)	(D)	76,781
Trucking and warehousing	24,127	27,604	27,414	25,999*	28,573	32,639	93,855	99,346*	100,545*	104,183*	(D)	131,243*
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	5,635*	(D)	(D)	4,782*	4,287*	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	2,695	2,782	(D)	(D)	(D)	(D)	(D)	(D)
Communication	20,544	21,496	21,601	20,110	20,221	19,467	(D)	184,568	183,910*	180,958*	189,677*	191,334*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	9,939	10,285	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	59,354	60,953*	63,292*	70,189*	73,451*	76,867*	412,451	446,687	478,713	506,629	549,407	608,222
Retail trade	87,805	97,933	102,231	109,289	111,477	115,579	648,484	708,747	778,056	848,462	911,504	999,185
Finance, insurance, and real estate	33,139	37,126	40,660	42,592	46,127	47,366	325,371	357,851	400,254	475,876	548,537	626,832
Banking and credit agencies	15,362*	17,257*	20,138*	22,905	24,827	25,897*	99,170*	108,757*	113,335*	132,313*	150,737*	169,046*
Other finance, insurance, and real estate[9]	17,446*	19,489*	20,144*	19,687	21,300	21,192*	220,179*	242,537*	280,031*	335,789*	388,888*	446,715*
Services	129,773	141,224	157,373	172,687	191,849	214,020	1,541,964	1,753,303	1,968,242	2,160,041	2,386,455	2,651,910
Hotels and other lodging places	3,612	3,755	3,813	4,069	3,026*	3,244*	36,658	(D)	(D)	(D)	(D)	(D)
Personal services	9,351	9,927	11,248	12,286	13,005	13,743	59,609	64,457	80,415	85,205	90,930	99,663
Private households	5,000	5,627	5,747	5,829	5,974	6,126	13,604	15,086	15,110	15,044	15,101	15,255
Business services	11,832	15,289	20,644	21,399	22,673	25,537	279,907	338,306	394,141	422,255	453,392	495,012
Auto repair, services, and garages	9,931	10,407	10,625	11,783	12,397	14,298	48,146	57,548	67,613	75,383	83,884	92,935
Miscellaneous repair services	2,184	2,541	2,166	2,249	2,468	3,206	(D)	29,821	29,829	30,966	34,244	40,433
Amusement and recreation services	1,245*	1,446*	1,554*	(D)	2,037	2,152	25,476	28,321	31,523	35,997	39,342	41,888
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	45,544	48,086	53,628	58,489	69,882	79,098	510,535	559,171	607,901	643,562	727,852	811,488
Legal services	8,713	10,961	11,676	12,712	14,619	16,110	92,949	115,651	131,453	148,093	161,911	183,369
Educational services	(D)	2,709	2,728	3,230	3,889	4,339	(D)	(D)	(D)	(D)	(D)	(D)
Social services	7,954	8,395	9,615*	9,902*	10,535*	10,812*	65,829	74,384	89,067	111,917	130,762	150,244
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,985*	7,179*	7,862	7,887	7,999	8,517	91,778	98,093	105,989	108,765	117,346	129,765
Miscellaneous services	13,910	13,884	15,657	20,552	22,958	26,402	132,124	150,500	173,435	215,124	240,247	271,079
Government and government enterprises	207,228	228,466	242,868	257,193	272,286	300,785	1,972,441	2,147,249	2,318,067	2,533,512	2,749,681	2,972,233
Federal, civilian	72,150	83,566	88,634	89,094	91,030	106,534	225,432	243,966	258,390	259,349	265,781	269,230
Military	23,837	25,820	26,490	27,735	28,543	29,850	55,611	62,794	64,521	70,405	78,348	78,273
State and local	111,241	119,080	127,744	140,364	152,713	164,401	1,691,398	1,840,489	1,995,156	2,203,758	2,405,552	2,604,730

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Albuquerque, NM (MSA)						Alexandria, LA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**5,087,895**	**5,598,679**	**6,168,037**	**6,540,378**	**7,003,291**	**7,405,229**	**1,306,224**	**1,372,423**	**1,467,358**	**1,530,274**	**1,586,498**	**1,667,561**
Nonfarm personal income	5,077,954	5,586,494	6,153,917	6,525,564	6,987,893	7,391,509	1,288,680	1,360,473	1,454,038	1,513,540	1,569,212	1,637,181
Farm income[1]	9,941	12,185	14,120	14,814	15,398	13,720	17,544	11,950	13,320	16,734	17,286	30,380
Population (thousands)[2]	445.2	455.1	465.1	474.7	487.3	493.1	138.5	139.3	139.2	140.0	139.6	137.8
Per capita personal income (dollars)	**11,429**	**12,303**	**13,261**	**13,778**	**14,373**	**15,019**	**9,434**	**9,855**	**10,545**	**10,928**	**11,366**	**12,097**
Derivation of total personal income:												
Total earnings by place of work	4,050,728	4,468,105	4,895,238	5,213,539	5,555,796	5,872,328	882,145	936,561	979,332	1,016,736	1,050,798	1,102,282
Less: Personal contributions for social insurance[3]	258,319	271,823	309,449	346,815	365,543	401,963	47,224	51,565	56,274	61,575	63,256	69,085
Plus: Adjustment for residence	−255,281	−280,059	−304,087	−337,804	−356,105	−397,295	−1,119	−9,130	−13,738	−15,358	−14,930	−19,655
Equals: Net earnings by place of residence	3,537,128	3,916,223	4,281,702	4,528,920	4,834,148	5,073,070	833,802	875,866	909,320	939,803	972,612	1,013,542
Plus: Dividends, interest, and rent[5]	793,270	890,786	1,023,451	1,090,907	1,175,115	1,275,368	191,678	202,521	227,062	236,164	246,544	263,020
Plus: Transfer payments	757,497	791,670	862,884	920,551	994,028	1,056,791	280,744	294,036	330,976	354,307	367,342	390,999
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,459,319	3,815,669	4,183,652	4,449,948	4,737,550	5,004,989	704,291	752,216	779,722	799,911	822,524	852,294
Other labor income	328,443	353,762	378,007	399,557	417,752	450,392	64,185	65,961	66,716	69,963	72,449	76,958
Proprietors' income[6]	262,966	298,674	333,579	364,034	400,494	416,947	113,669	118,384	132,894	146,862	155,825	173,030
Farm	7,644	9,930	11,891	12,605	13,060	11,372	14,121	8,648	10,070	13,524	13,908	26,988
Nonfarm	255,322	288,744	321,688	351,429	387,434	405,575	99,548	109,736	122,824	133,338	141,917	146,042
Earnings by industry:												
Farm	9,941	12,185	14,120	14,814	15,398	13,720	17,544	11,950	13,320	16,734	17,286	30,380
Nonfarm	4,040,787	4,455,920	4,881,118	5,198,725	5,540,398	5,858,608	864,601	924,611	966,012	1,000,002	1,033,512	1,071,902
Private	3,133,446	3,493,580	3,856,712	4,118,456	4,384,227	4,641,550	591,101	643,907	674,268	707,858	732,985	755,067
Agricultural services, forestry, fisheries, and other[7]	11,458	13,327	13,860	15,313	18,901	21,072	4,834	4,979	4,509	3,900	4,958	5,098
Agricultural services	11,233	13,170	13,640	15,005	18,659	20,818	3,449	3,595	3,500	3,421	4,227	4,423
Forestry, fisheries, and other[7]	225	157	220	308	242	254	1,385	1,384	1,009	479	731	675
Mining	19,022	20,721	23,361	14,305	12,705	12,181	10,485	11,493	11,830	9,171	8,403	7,678
Coal mining	135	103	101	108	72	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	13,924	14,658	17,836	10,565	9,985	9,222	7,582	8,774	8,650	5,921	(D)	5,338
Metal mining	4,314	4,656	(D)	1,747	821	449	0	0	0	0	0	0
Nonmetallic minerals, except fuels	649	1,304	(D)	1,885	1,827	2,503	2,899	2,708	3,168	3,237	(D)	2,335
Construction	309,841	365,721	422,960	420,338	416,118	411,045	64,412	73,037	75,048	72,252	68,070	68,828
Manufacturing	362,182	410,216	455,241	488,990	514,730	543,602	76,699	79,727	81,493	85,921	87,025	90,725
Nondurable goods	90,101	96,220	101,901	109,161	110,936	116,682	32,904	32,947	34,158	38,342	40,229	42,314
Food and kindred products	32,336	33,168	33,039	34,839	32,156	33,683	8,876	8,482	8,208	9,206	10,532	10,958
Textile mill products	234	205	293	324	245	196	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	10,577	10,208	11,211	11,593	12,246	(D)	(D)	(D)	(D)	0	(D)
Paper and allied products	2,254	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	34,357	37,561	41,838	43,392	45,547	47,227	5,635	(D)	6,331	6,587	7,053	6,871
Chemicals and allied products	3,557	5,355	5,856	7,023	7,774	7,740	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,113	1,111	2,142	2,497	3,211	3,792	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	1,662	1,544	2,643	3,570	3,884	4,975	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	272,081	313,996	353,340	379,829	403,794	426,920	43,795	46,780	47,335	47,579	46,796	48,411
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	12,548	11,665	10,919	8,380	8,026	8,861
Furniture and fixtures	3,393	3,581	4,018	3,533	4,746	4,998	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,389	2,268	1,763	2,058	2,126	2,302	(D)	(D)	(D)	0	0	0
Fabricated metal products	12,099	13,903	16,674	15,677	16,413	13,751	(D)	(D)	(D)	23,693	22,818	(D)
Machinery, except electrical	37,603	40,900	40,868	39,494	40,772	54,548	468	886	1,075	1,097	1,135	1,285
Electric and electronic equipment	89,497	117,233	134,586	79,328	80,157	90,236	(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	3,141	2,626	2,133	1,945	3,525	4,669	(D)	(D)	(D)	(D)	0	(D)
Stone, clay, and glass products	24,009	28,695	33,072	31,705	30,469	29,479	6,377	7,592	7,726	6,939	5,818	5,271
Instruments and related products	19,384	19,420	22,839	96,324	108,258	106,650	(D)	(D)	(D)	0	0	0
Miscellaneous manufacturing industries	11,304	11,127	11,078	13,668	16,056	19,610	900	1,384	1,587	1,864	2,046	2,001
Transportation and public utilities	344,238	362,313	372,193	380,648	403,581	428,955	61,055	68,417	71,062	74,900	73,160	73,966
Railroad transportation	13,845	21,316	13,358	14,153	15,203	18,638	8,330	11,396	13,642	11,377	9,357	9,141
Trucking and warehousing	87,618	91,600	95,072	100,989	107,285	121,789	11,694	14,288	15,566	17,303	17,003	16,321
Water transportation	0	0	0	0	0	0	(D)	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,430	3,659	4,140	4,536	3,820
Communication	125,216	121,204	127,572	122,306	134,748	132,815	18,332	18,463	17,065	14,855	14,477	15,927
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	18,500	20,840	21,130	27,225	27,787	28,757
Wholesale trade	291,150	319,133	350,354	353,120	372,841	393,997	40,649	41,909	43,250	41,634	41,506	39,953
Retail trade	442,451	490,185	526,342	552,424	586,171	615,180	97,843	106,834	106,637	108,307	109,370	115,089
Finance, insurance, and real estate	230,840	260,742	297,537	334,830	356,149	362,511	41,340	43,997	46,068	49,355	50,965	54,154
Banking and credit agencies	89,014	100,532	116,650	129,495	135,328	137,655	21,677	24,024	25,734	25,295	26,178	29,025
Other finance, insurance, and real estate[9]	141,826	160,210	180,887	205,335	220,821	224,856	19,663	19,973	20,334	24,060	24,787	25,129
Services	1,122,264	1,251,222	1,394,864	1,558,488	1,703,031	1,853,007	193,784	213,514	234,371	262,418	289,528	299,576
Hotels and other lodging places	30,948	32,554	36,477	40,383	43,383	43,087	3,787	4,122	5,086	6,402	5,218	4,747
Personal services	40,050	43,355	52,256	56,718	59,064	61,547	11,061	11,346	14,045	15,188	14,861	15,637
Private households	(D)	(D)	(D)	(D)	(D)	(D)	7,872	8,756	8,796	8,761	8,679	8,655
Business services	435,274	480,828	537,428	603,646	646,885	722,246	21,192	22,606	27,209	31,138	33,621	32,220
Auto repair, services, and garages	44,837	52,265	59,785	62,815	67,870	71,157	9,686	11,000	12,257	12,004	12,071	12,027
Miscellaneous repair services	14,371	16,623	16,857	18,241	19,083	21,295	4,319	4,997	4,212	4,841	5,243	5,633
Amusement and recreation services	11,514	13,403	16,058	18,579	22,050	24,321	(D)	(D)	(D)	(D)	1,480	1,701
Motion pictures	2,853	3,530	3,969	3,308	3,754	3,817	(D)	(D)	(D)	(D)	(D)	(D)
Health services	277,899	304,483	335,410	370,674	418,880	453,230	88,348	95,882	102,754	116,458	138,170	144,160
Legal services	68,471	79,360	91,747	102,911	118,195	131,222	13,507	15,886	18,185	22,954	26,305	26,989
Educational services	19,753	20,340	21,253	20,513	20,909	23,326	6,073	6,866	7,748	8,426	8,501	9,980
Social services	21,826	24,222	27,237	28,677	30,945	34,754	6,012	7,003	7,941	8,864	9,280	10,153
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Membership organizations	34,670	38,689	38,574	42,437	45,733	50,167	7,274	7,913	7,895	8,256	8,688	9,528
Miscellaneous services	105,150	125,037	140,821	172,343	188,819	195,087	13,557	15,921	16,862	17,439	16,911	17,648
Government and government enterprises	907,341	962,340	1,024,406	1,080,269	1,156,171	1,217,058	273,500	280,704	291,744	292,144	300,527	316,835
Federal, civilian	301,339	312,109	334,530	344,470	365,375	394,826	60,834	60,963	64,163	63,873	69,492	77,704
Military	125,569	134,623	140,884	144,708	151,634	153,014	57,732	60,055	62,941	64,378	66,614	68,535
State and local	480,433	515,608	548,992	591,091	639,162	669,218	154,934	159,686	164,640	163,893	164,421	170,596

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Allentown—Bethlehem, PA—NJ (MSA)						Altoona, PA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**8,131,141**	**8,781,982**	**9,384,398**	**9,963,842**	**10,803,729**	**11,636,477**	**1,280,268**	**1,344,809**	**1,447,614**	**1,529,022**	**1,605,700**	**1,686,099**
Nonfarm personal income	8,109,147	8,737,032	9,346,064	9,923,812	10,756,817	11,592,775	1,276,651	1,337,181	1,442,049	1,522,597	1,598,118	1,679,906
Farm income[1]	21,994	44,950	38,334	40,030	46,912	43,702	3,617	7,628	5,565	6,425	7,582	6,193
Population (thousands)[2]	643.0	646.8	650.7	657.8	667.4	677.1	134.9	133.5	132.9	132.4	132.7	132.5
Per capita personal income (dollars)	**12,645**	**13,578**	**14,422**	**15,147**	**16,188**	**17,185**	**9,494**	**10,070**	**10,889**	**11,546**	**12,097**	**12,724**
Derivation of total personal income:												
Total earnings by place of work	5,311,161	5,842,308	6,139,242	6,366,966	6,931,626	7,518,919	858,885	924,754	999,915	1,065,753	1,127,376	1,175,530
Less: Personal contributions for social insurance[3]	330,172	371,575	410,882	434,719	464,844	529,933	54,139	60,605	68,872	75,168	77,745	85,911
Plus: Adjustment for residence	446,720	493,110	577,895	736,034	867,674	936,469	−42,977	−45,913	−54,337	−60,402	−59,464	−60,261
Equals: Net earnings by place of residence	5,427,709	5,963,843	6,306,255	6,668,281	7,334,456	7,925,455	761,769	818,236	876,706	930,183	990,167	1,029,358
Plus: Dividends, interest, and rent[4]	1,359,214	1,490,462	1,655,927	1,746,692	1,878,344	2,054,879	178,727	193,845	211,329	225,509	234,869	256,462
Plus: Transfer payments	1,344,218	1,327,677	1,422,216	1,548,869	1,590,929	1,656,143	339,772	332,728	359,579	373,330	380,664	400,279
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,273,896	4,694,624	4,947,624	5,110,808	5,561,157	6,058,015	695,416	744,849	808,370	858,816	902,797	939,894
Other labor income	537,481	567,206	563,798	574,357	618,320	661,183	72,099	74,450	79,294	84,905	89,189	92,843
Proprietors' income[5]	499,784	580,478	627,820	681,801	752,149	799,721	91,370	105,455	112,251	122,032	135,390	142,793
Farm	11,601	34,809	28,236	30,055	36,433	33,193	1,319	5,385	3,307	4,166	5,173	3,748
Nonfarm	488,183	545,669	599,584	651,746	715,716	766,528	90,051	100,070	108,944	117,866	130,217	139,045
Earnings by industry:												
Farm	21,994	44,950	38,334	40,030	46,912	43,702	3,617	7,628	5,565	6,425	7,582	6,193
Nonfarm	5,289,167	5,797,358	6,100,908	6,326,936	6,884,714	7,475,217	855,268	917,126	994,350	1,059,328	1,119,794	1,169,337
Private	4,802,318	5,285,970	5,548,186	5,725,401	6,240,658	6,777,870	734,778	791,197	862,723	921,534	973,489	1,015,574
Agricultural services, forestry, fisheries, and other[7]	14,760	15,571	17,900	19,723	27,774	32,038	2,679	2,750	2,434	2,140	4,490	5,039
Agricultural services	14,163	15,054	17,226	19,000	27,116	31,193	2,244	2,259	2,186	2,140	4,427	4,991
Forestry, fisheries, and other[7]	597	517	674	723	658	845	435	491	248	0	63	(L)
Mining	29,204	23,887	32,634	23,144	25,707	27,402	4,849	4,179	4,288	2,184	1,853	1,326
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,695	901	475	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,300	1,412	2,128	703	707	682
Metal mining	(D)	(D)	(D)	(D)	(L)	(L)	0	0	(D)	(D)	(D)	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	273,015	312,796	354,802	421,982	541,136	583,254	42,733	48,343	65,945	71,102	77,043	76,878
Manufacturing	2,196,374	2,432,329	2,444,141	2,304,230	2,343,814	2,437,849	206,539	219,713	229,709	241,631	254,293	260,594
Nondurable goods	911,704	966,433	988,782	1,016,122	1,039,720	1,134,954	106,068	111,549	115,924	126,939	139,193	140,825
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	16,018	14,908	16,377	17,868	17,933	17,958
Textile mill products	51,976*	52,744*	(D)	43,631*	47,330*	52,591*	15,425	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	218,924	219,600	209,774	194,945	192,455	201,867	13,748	15,658	13,175	12,903	11,866	14,125
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	34,529	36,835	37,529	42,450	50,223	46,692
Printing and publishing	95,300*	111,828*	122,864*	131,302*	145,119*	155,547*	18,263	19,630	22,747	27,179	30,006	32,822
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,953	2,302	3,217	3,529	(D)	(D)
Petroleum and coal products	1,565*	1,645	1,633*	1,909*	2,356*	2,480*	718	815	614	731	898	1,237
Tobacco manufactures	2,426*	2,672*	2,781*	4,087	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	39,450*	59,617*	64,036*	68,349*	72,311*	72,925*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,284,670	1,465,896	1,455,359	1,288,108	1,304,094	1,302,895	100,471	108,164	113,785	114,692	115,100	119,769
Lumber and wood products	(D)	8,370	9,299	10,316	13,204	12,315	4,522	5,641	6,196	6,664	7,286	7,639
Furniture and fixtures	15,935*	19,134*	24,469*	26,035*	28,801*	29,890*	(D)	(D)	(D)	217	207	215
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	7,878	10,328	9,830	(D)	(D)	(D)
Fabricated metal products	90,293	82,801*	84,889*	87,528*	89,014*	91,459*	11,638	12,173	11,817	11,949	11,823	12,592
Machinery, except electrical	158,839*	(D)	(D)	(D)	176,489*	182,331*	23,690	27,432	27,039	27,615	28,884	30,725
Electric and electronic equipment	234,144	300,757*	327,644*	(D)	255,942*	253,190*	18,566	16,539	18,305	16,953	13,650	12,371
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,891	(D)	(D)	(D)
Stone, clay, and glass products	60,826	70,101	73,008	74,416	77,381	85,646	25,378	25,261	29,838	(D)	(D)	28,304
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	57,827	72,211	63,708	68,706	75,546*	81,145	1,260	1,371	1,330	1,599	2,157	2,052
Transportation and public utilities	408,786	445,453	473,261	502,685	515,558	548,722	134,136	148,087	165,404	172,728	161,589	156,455
Railroad transportation	14,447	15,064	17,963	19,286	21,121	20,170	64,866	72,981	78,662	81,158	84,103	81,263
Trucking and warehousing	102,765	122,643	127,295	133,329	141,202	149,016	27,078	30,096	31,127	32,792	35,441	32,495
Water transportation	(D)	(D)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	8,590	9,125	7,722	9,019	9,378	9,912
Communication	104,944	110,732	109,795	115,954	123,671	136,692	21,466	21,807	32,693	35,090	19,131	19,078
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	12,136	14,078	15,200	14,669	13,536	13,707
Wholesale trade	229,339	252,071	266,000	282,432	315,125	347,657	48,336	53,399	56,569	61,082	59,778	68,379
Retail trade	513,732	543,003	568,483	634,082	686,513	760,078	101,990	105,149	112,841	119,845	130,574	140,913
Finance, insurance, and real estate	182,186	194,965	200,882	225,570	277,169	359,241	26,555	28,114	27,517	30,366	34,443	39,447
Banking and credit agencies	83,457*	(D)	98,883	88,032*	98,822*	115,090*	14,067	14,487	15,369	15,970	17,089	18,533
Other finance, insurance, and real estate[9]	91,812*	(D)	101,999	130,355*	168,290*	232,866*	12,488	13,627	12,148	14,396	17,354	20,914
Services	954,922	1,065,895	1,190,083	1,311,553	1,507,862	1,681,629	166,961	181,463	198,016	220,456	249,426	266,543
Hotels and other lodging places	19,061*	20,653*	24,768*	25,596*	24,031*	27,527*	3,755	3,552	3,563	3,986	4,060	4,313
Personal services	56,878	62,727	78,073	86,137	96,560	104,391	8,695	9,203	11,582	12,611	13,851	14,863
Private households	7,923	8,776	8,768	8,743	8,791	8,891	2,098	2,321	2,315	2,307	2,319	2,345
Business services	134,681	161,693	186,768	205,339	240,436	272,897	12,682	14,936	19,586	23,425	25,389	27,472
Auto repair, services, and garages	46,277	54,946	65,730	71,273	77,643	86,334	9,261	10,560	12,576	13,010	13,996	15,311
Miscellaneous repair services	16,698	20,124	19,947	22,268	23,746	27,695	3,083	3,788	3,833	4,242	6,656	7,577
Amusement and recreation services	23,435	25,248	30,009	26,866	34,135	40,280	1,913	2,145	2,550	3,388	3,993	4,031
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	378	513	475	435	518	506
Health services	411,608	439,394	480,003	528,770	619,448	684,416	89,163	94,090	98,395	107,362	125,351	131,557
Legal services	37,232	44,140	48,398	54,583	60,507	68,981	5,266	6,564	6,896	7,959	8,366	9,337
Educational services	75,995	96,030	103,717	113,833	125,330	135,066	5,617	6,244	6,732	6,976	7,516	8,072
Social services	27,616	27,263	33,127	37,549	43,776	49,490	6,767	7,072	7,595	8,787	8,641	9,513
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	45,760	46,846	47,606	51,710	55,700	61,322	7,419	7,600	7,727	8,088	8,740	9,444
Miscellaneous services	49,105	54,773	59,311	74,081	92,336	107,749	10,864	12,875	14,191	17,880	20,030	22,202
Government and government enterprises	486,849	511,388	552,722	601,535	644,056	697,347	120,490	125,929	131,627	137,794	146,305	153,763
Federal, civilian	52,947	56,533	61,489	63,334	68,819	76,148	20,653	22,365	23,897	25,020	26,981	29,680
Military	18,061	16,614	18,326	19,835	20,140	20,778	3,937	3,291	3,705	3,970	3,982	4,133
State and local	415,841	438,241	472,907	518,366	555,097	600,421	95,900	100,273	104,025	108,804	115,342	119,950

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Amarillo, TX (MSA)						Anaheim—Santa Ana, CA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,321,982**	**2,497,787**	**2,652,946**	**2,667,112**	**2,796,064**	**2,872,803**	**32,941,347**	**36,655,670**	**40,169,595**	**43,395,937**	**47,612,525**	**51,352,888**
Nonfarm personal income	2,263,482	2,454,070	2,601,670	2,602,891	2,746,700	2,809,820	32,822,046	36,545,599	40,048,876	43,274,248	47,507,469	51,250,179
Farm income[1]	58,500	43,717	51,276	64,221	49,364	62,983	119,301	110,071	120,719	121,689	105,056	102,709
Population (thousands)[2]	187.0	191.9	193.8	196.4	197.4	196.3	2,061.9	2,087.7	2,127.0	2,173.5	2,216.0	2,257.0
Per capita personal income (dollars)	**12,416**	**13,014**	**13,691**	**13,577**	**14,166**	**14,634**	**15,976**	**17,558**	**18,886**	**19,966**	**21,486**	**22,753**
Derivation of total personal income:												
Total earnings by place of work	1,765,554	1,883,337	1,976,090	1,952,752	2,040,751	2,010,456	21,556,171	24,537,902	27,174,425	29,826,364	33,058,697	36,672,592
Less: Personal contributions for social insurance[3]	91,757	99,423	110,134	109,905	115,509	118,099	1,223,085	1,399,447	1,629,259	1,813,509	2,004,388	2,322,366
Plus: Adjustment for residence	34,691	44,961	51,255	57,799	57,500	99,992	3,937,147	3,998,780	4,288,936	4,459,449	4,848,633	4,234,640
Equals: Net earnings by place of residence	1,708,488	1,828,875	1,917,211	1,900,646	1,982,742	1,992,349	24,270,233	27,137,235	29,834,102	32,472,304	35,902,942	38,584,866
Plus: Dividends, interest, and rent[4]	363,177	404,943	442,744	445,969	469,579	509,274	5,353,233	6,087,177	6,587,596	6,931,993	7,490,708	8,245,790
Plus: Transfer payments	250,317	263,969	292,991	320,497	343,743	371,180	3,317,881	3,431,258	3,747,897	3,991,640	4,218,875	4,522,232
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,358,319	1,460,322	1,515,270	1,482,527	1,549,020	1,497,255	17,365,324	19,828,070	22,017,399	24,072,998	26,650,897	29,729,123
Other labor income	141,899	145,274	141,500	143,344	149,916	146,003	1,851,320	2,032,863	2,153,320	2,383,943	2,642,667	2,921,134
Proprietors' income[5]	265,336	277,741	319,320	326,881	341,815	367,198	2,339,527	2,676,969	3,003,706	3,369,423	3,765,133	4,022,335
Farm	54,586	39,877	47,453	60,431	45,365	58,979	71,512	64,442	67,062	68,160	49,363	47,226
Nonfarm	210,750	237,864	271,867	266,450	296,450	308,219	2,268,015	2,612,527	2,936,644	3,301,263	3,715,770	3,975,109
Earnings by industry:												
Farm	58,500	43,717	51,276	64,221	49,364	62,983	119,301	110,071	120,719	121,689	105,056	102,709
Nonfarm	1,707,054	1,839,620	1,924,814	1,888,531	1,991,387	1,947,473	21,436,870	24,427,831	27,053,706	29,704,675	32,953,641	36,569,883
Private	1,463,921	1,580,645	1,646,294	1,602,777	1,691,045	1,641,435	19,134,905	21,934,384	24,342,259	26,786,025	29,820,405	33,221,005
Agricultural services, forestry, fisheries, and other[7]	9,096	9,731	9,641	9,334	11,008	11,562	158,170	170,191	181,756	198,861	258,402	301,979
Agricultural services	8,986	9,681	9,514	9,158	10,889	11,432	152,572	166,751	176,862	190,223	251,762	294,023
Forestry, fisheries, and other[7]	110	50	127	176	119	130	5,598	3,440	4,894	8,638	6,640	7,956
Mining	88,913	99,019	101,110	93,029	146,366	55,894	182,197	195,810	182,266	96,646	88,256	81,157
Coal mining	0	0	0	0	0	0	303	409	477	458	(D)	124
Oil and gas extraction	(D)	98,529	101,100	92,991	146,351	55,879	174,051	186,531	169,229	85,234	69,861	60,588
Metal mining	(D)	(D)	0	0	0	0	181	166	632	931	(D)	443
Nonmetallic minerals, except fuels	(L)	(D)	(L)	(L)	(L)	(L)	7,662	8,704	11,928	10,023	17,603	20,002
Construction	143,465	159,706	160,094	147,009	143,363	143,600	1,552,875	1,718,974	1,947,092	2,261,843	2,621,330	2,889,273
Manufacturing	219,850	234,621	231,220	228,262	237,126	231,609	5,660,046	6,370,813	6,991,442	7,368,152	7,947,673	8,648,238
Nondurable goods	113,070	122,540	116,300	111,112	118,337	114,396	1,277,469	1,441,273	1,489,326	1,607,752	1,787,865	1,991,030
Food and kindred products	78,156	78,434	78,187	80,405	86,832	81,626	230,053	244,426	258,165	289,190	290,193	306,755
Textile mill products	0	0	0	0	0	0	45,870	55,689	53,102	61,903	72,682	77,617
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	47,660	53,438	55,988	66,939	77,510	88,299
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	101,753	112,536	128,068	132,580	148,513	144,946
Printing and publishing	13,064	13,565	14,689	15,051	15,194	16,183	263,530	308,678	321,596	386,507	435,633	499,897
Chemicals and allied products	2,197	2,446	2,485*	2,377*	2,407*	2,573*	231,794	256,226	253,281	219,094	252,037	337,538
Petroleum and coal products	7,364	7,299	3,549	2,320	2,353	2,201	98,446	103,701	104,377	109,700	114,382	121,884
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)	254,459	302,939	311,524	338,623	392,675	408,595
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	3,904	3,640	3,225	3,216	4,240	5,499
Durable goods	106,780	112,081	114,920	117,150	118,789	117,213	4,382,577	4,929,540	5,502,116	5,760,400	6,159,808	6,657,208
Lumber and wood products	(D)	(D)	13,087	11,197	10,921	(D)	57,017	62,023	65,802	81,006	109,390	137,379
Furniture and fixtures	1,247*	1,383*	1,386	1,158	1,236	1,332	131,941	162,562	162,659	162,681	188,786	188,459
Primary metal industries	(D)	32,233	(D)	(D)	(D)	(D)	57,193	71,760	62,917	64,833	71,319	74,568
Fabricated metal products	2,808*	3,116	3,400	2,728	2,632	2,778	448,217	533,305	635,223	658,197	687,343	743,673
Machinery, except electrical	(D)	(D)	(D)	11,551	10,536	10,942	829,173	924,011	990,151	960,787	967,057	1,046,212
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,750,157	2,016,751	2,246,796	2,221,021	2,252,501	1,936,293
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	454,486	480,066	640,581	838,999	979,509	1,090,097
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	42,269	67,663	66,821	74,078	91,280	98,810
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	77,977	88,817	88,905	97,443	116,010	128,289
Instruments and related products	(D)	411*	442	424	435	587*	459,119	439,071	455,318	512,005	579,031	1,075,015
Miscellaneous manufacturing industries	1,612	1,368	1,396	1,415	1,546	1,294	75,028	83,511	86,943	89,350	117,582	138,413
Transportation and public utilities	200,310	213,952	224,415	209,655	209,190	208,474	906,254	996,731	1,106,456	1,148,474	1,247,571	1,279,577
Railroad transportation	55,305	62,106	62,220	56,677	53,349	49,093	10,894	11,042	9,988	9,005	8,420	6,820
Trucking and warehousing	41,142	41,692	41,106	40,852	43,319	48,812	243,933	288,671	306,417	330,722	361,765	394,876
Water transportation	0	0	0	0	0	0	5,876	5,397	6,393	6,412	6,457	9,022
Other transportation[8]	12,452	12,117	11,614	12,237	12,953	11,972	153,123	173,836	187,937	231,306	233,893	202,434
Communication	31,599	30,197	40,960	32,633	46,830	46,048	387,072	392,572	455,195	415,947	460,475	470,967
Electric, gas, and sanitary services	59,812	67,840	68,515	67,256	52,739	52,549	105,356	125,213	140,526	155,082	176,561	195,458
Wholesale trade	159,807	159,008	159,627	145,690	135,126	142,087	1,259,655	1,525,912	1,762,846	1,971,731	2,116,837	2,526,571
Retail trade	209,795	229,213	232,661	230,574	231,465	239,061	2,559,591	2,834,650	3,081,681	3,257,980	3,516,061	3,888,681
Finance, insurance, and real estate	85,187	93,085	99,821	101,274	108,270	110,397	1,579,941	1,832,868	2,152,243	2,647,168	3,109,815	3,581,843
Banking and credit agencies	37,450	41,104	44,180	(D)	(D)	(D)	533,178	635,706	687,639	849,343	970,386	1,034,309
Other finance, insurance, and real estate[9]	47,737	51,981	55,641	(D)	(D)	(D)	1,046,763	1,197,162	1,464,604	1,797,825	2,139,429	2,547,534
Services	347,498	382,310	427,705	437,950	469,131	498,751	5,276,176	6,288,435	6,936,477	7,835,170	8,914,460	10,023,686
Hotels and other lodging places	10,398	10,456	11,103	10,072	10,951*	10,536*	159,371	182,990	232,828	232,961	276,397	336,388
Personal services	21,651	22,506	28,443	31,387	31,456	34,647	212,337	227,154	277,523	307,248	353,455	396,275
Private households	13,482	15,202	15,489	15,673	15,786	15,943	54,744	61,795	63,150	64,259	65,891	67,883
Business services	63,714	72,669	90,355	86,192	90,693	97,125	1,549,154	1,915,038	2,019,044	2,286,807	2,594,948	2,941,080
Auto repair, services, and garages	25,793	28,474	30,591	29,433	29,421	30,946	234,320	283,808	320,086	343,567	356,436	407,387
Miscellaneous repair services	6,242	6,342	6,222	6,321	7,286	7,903	102,082	122,383	123,360	152,032	164,840	194,293
Amusement and recreation services	5,522	6,469	6,763	7,059	7,315	7,500	228,101	246,374	283,443	378,415	426,500	462,957
Motion pictures	1,032*	1,175*	(D)	(D)	(D)	(D)	15,097	28,906	32,789	39,173	34,087	38,055
Health services	124,280	132,808	143,453	146,724	167,152	177,115	1,484,710	1,622,668	1,774,516	1,965,941	2,299,183	2,541,885
Legal services	27,593	34,000	39,103	43,428	45,518	49,179	263,438	322,267	375,043	438,896	512,344	620,142
Educational services	(D)	(D)	(D)	(D)	3,927	4,974	95,424	103,826	115,632	122,368	133,543	151,564
Social services	7,535	8,561	9,616	10,440	11,293	11,934	62,106	72,040	82,261	109,611	141,955	156,332
Museums, botanical, zoological gardens	0	0	0	0	(D)	(D)	1,001	1,142	1,133	1,390	1,936	2,776
Membership organizations	12,707	13,618	14,480	15,107	15,759	16,917	178,095	186,724	199,886	211,788	234,169	258,994
Miscellaneous services	24,942	26,909	27,714	31,789	31,826	32,965	636,196	911,320	1,035,783	1,180,714	1,318,776	1,447,675
Government and government enterprises	243,133	258,975	278,520	285,754	300,342	306,038	2,301,965	2,493,447	2,711,447	2,918,650	3,133,236	3,348,878
Federal, civilian	51,890	56,034	61,367	61,817	63,952	60,620	303,016	352,534	381,316	396,933	432,756	480,020
Military	4,268	4,343	4,769	5,225	5,656	5,775	239,135	273,319	288,544	273,608	277,508	269,176
State and local	186,975	198,598	212,384	218,712	230,734	239,643	1,759,814	1,867,594	2,041,587	2,248,109	2,422,972	2,599,682

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Anchorage, AK (MSA)						Anderson, IN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,371,779**	**4,623,085**	**4,872,610**	**4,824,644**	**4,678,262**	**4,772,146**	**1,416,275**	**1,594,404**	**1,665,775**	**1,722,961**	**1,747,409**	**1,904,986**
Nonfarm personal income	4,371,779	4,623,085	4,872,610	4,824,644	4,678,262	4,772,146	1,413,989	1,575,065	1,649,514	1,707,827	1,732,694	1,897,403
Farm income[1]	0	0	0	0	0	0	2,286	19,339	16,261	15,134	14,715	7,583
Population (thousands)[2]	218.0	227.5	232.3	226.5	221.3	218.5	134.3	133.9	133.5	132.9	132.1	131.8
Per capita personal income (dollars)	**20,051**	**20,319**	**20,974**	**21,299**	**21,142**	**21,840**	**10,546**	**11,908**	**12,480**	**12,966**	**13,225**	**14,450**
Derivation of total personal income:												
Total earnings by place of work	3,794,191	4,114,337	4,299,987	4,260,293	4,037,229	4,067,169	1,017,779	1,184,942	1,251,729	1,281,930	1,268,547	1,391,671
Less: Personal contributions for social insurance[3]	228,705	251,266	271,907	307,810	290,539	304,284	58,620	68,096	76,384	78,913	77,612	89,923
Plus: Adjustment for residence	9,626	−34,210	−119,921	−140,770	−140,237	−136,001	−3,541	−13,677	−13,559	−11,583	3,470	−2,902
Equals: Net earnings by place of residence	3,575,112	3,828,861	3,908,159	3,811,713	3,606,453	3,626,884	955,618	1,103,169	1,161,786	1,191,434	1,194,405	1,298,846
Plus: Dividends, interest, and rent[5]	371,486	423,062	471,013	489,053	501,840	537,372	225,555	244,174	252,363	257,659	267,854	291,968
Plus: Transfer payments	425,181	371,162	493,438	523,878	569,969	607,890	235,102	247,061	251,626	273,868	285,150	314,172
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,131,479	3,362,155	3,506,794	3,430,103	3,194,884	3,215,071	861,954	995,991	1,057,895	1,080,794	1,063,721	1,177,062
Other labor income	276,579	289,248	297,415	294,668	286,306	295,094	92,066	102,431	101,932	103,234	99,216	109,101
Proprietors' income[6]	386,133	462,934	495,778	535,522	556,039	557,004	63,759	86,520	91,902	97,902	105,610	105,508
Farm	0	0	0	0	0	0	−768	16,293	13,436	12,513	12,177	5,238
Nonfarm	386,133	462,934	495,778	535,522	556,039	557,004	64,527	70,227	78,466	85,389	93,433	100,270
Earnings by industry:												
Farm	0	0	0	0	0	0	2,286	19,339	16,261	15,134	14,715	7,583
Nonfarm	3,794,191	4,114,337	4,299,987	4,260,293	4,037,229	4,067,169	1,015,493	1,165,603	1,235,468	1,266,796	1,253,832	1,384,088
Private	2,819,064	3,079,305	3,196,638	3,116,680	2,886,771	2,897,134	921,951	1,066,316	1,128,455	1,151,970	1,133,169	1,250,295
Agricultural services, forestry, fisheries, and other[7]	13,186	9,447	15,581	30,404	20,653	21,961	4,075	4,315	4,314	4,601	6,468	6,966
Agricultural services	6,220	7,676	7,294	6,827	7,442	(D)	4,055	4,305	4,300	4,585	6,456	6,952
Forestry, fisheries, and other[7]	6,966	1,771	8,287	23,577	13,211	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Mining	196,853	221,407	289,327	376,352	340,607	374,230	1,780	1,793	2,595	1,316	1,374	1,270
Coal mining	223	189	182	(D)	237	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	190,495	213,558	283,067	368,814	(D)	(D)	1,055	1,205	1,881	639	587	567
Metal mining	5,700	7,321	5,888	6,936	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	435	339	190	(D)	134	135	720	582	708	670	784	700
Construction	596,649	647,457	598,322	510,953	436,124	380,893	27,993	33,185	34,810	37,975	40,271	44,203
Manufacturing	73,514	77,462	77,377	67,195	62,486	61,253	573,009	691,201	728,995	714,800	656,265	744,615
Nondurable goods	41,391	43,530	46,766	44,671	43,288	44,784	33,160	34,014	35,450	36,968	39,102	44,060
Food and kindred products	12,062	11,051	11,749	10,120	12,518	15,012	16,371	16,893	17,651	18,290	19,472	21,508
Textile mill products	229	(D)	(D)	163	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	518	475	772	868	778	(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	26,672	30,116	32,775	32,117	28,797	27,338	10,584	11,221	11,795	12,118	12,959	13,346
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	964	1,100
Petroleum and coal products	(D)	(D)	(D)	281	(D)	237	0	0	0	0	0	0
Tobacco manufactures	(L)	(D)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	794	(D)	(D)	(D)	(D)	(D)	2,819
Leather and leather products	(D)	(D)	(D)	87	(L)	(L)	0	0	0	(D)	(D)	(D)
Durable goods	32,123	33,932	30,611	22,524	19,198	16,469	539,849	657,187	693,545	677,832	617,163	700,555
Lumber and wood products	8,682	7,889	5,519	3,082	1,702	1,045	1,320	1,417	1,396	1,271	1,402	1,304
Furniture and fixtures	539	927	1,059	(D)	(D)	484	1,822	1,780	1,876	2,292	3,013	4,398
Primary metal industries	560	(D)	457	332	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,059	3,312	3,640	3,455	3,159	(D)	13,144	14,514	13,146	12,364	13,836	13,973
Machinery, except electrical	2,543	2,512	3,710	3,111	1,494	1,438	10,433	12,223	13,364	11,893	12,552	16,172
Electric and electronic equipment	(D)	616	(D)	376	481	692	473,679	587,582	620,004	606,127	543,754	620,304
Transportation equip. excl. motor vehicles	774	1,127	2,062	759	313	536	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	13,272	14,300	11,688	9,090	9,140	6,981	(D)	17,973	20,058	19,640	22,585	22,209
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	317	272	274	110	186	358
Miscellaneous manufacturing industries	2,145	1,823	1,870	1,457	1,361	1,257	2,335	2,440	2,437	2,563	2,710	3,080
Transportation and public utilities	362,679	387,042	397,997	373,129	372,327	386,870	34,360	35,071	34,127	37,495	39,960	40,914
Railroad transportation	132	75	(L)	0	0	0	6,498	6,157	5,064	4,550	4,029	3,805
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	14,450	14,708	15,447	17,390	19,665	20,137
Water transportation	14,307	14,378	12,992	10,473	10,130	10,911	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	76,628	79,174	92,557	87,104	84,644	79,136	6,710	6,266	6,179	6,628	6,821	6,881
Electric, gas, and sanitary services	40,431	45,071	59,608	61,981	52,532	52,924	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	208,991	229,327	236,561	218,771	195,021	193,201	23,820	24,419	28,270	28,757	31,830	33,561
Retail trade	420,294	440,556	445,304	408,941	370,099	386,231	90,430	95,225	99,742	104,809	112,071	118,655
Finance, insurance, and real estate	213,816	245,703	264,013	267,702	244,724	224,226	24,502	26,256	27,018	30,014	33,205	33,654
Banking and credit agencies	97,856	113,766	121,885	122,920	110,312	99,837	14,381	15,659	16,620	17,858	18,224	18,416
Other finance, insurance, and real estate[9]	115,960	131,937	142,128	144,782	134,412	124,389	10,121	10,597	10,398	12,156	14,981	15,238
Services	733,082	820,904	872,156	863,233	844,730	868,269	141,982	154,851	168,584	192,203	211,725	226,457
Hotels and other lodging places	40,001	44,220	46,478	46,570	45,291	48,102	1,780	1,906	2,068	2,349	2,498	2,618
Personal services	37,516	41,923	50,524	53,525	54,672	55,965	9,448	10,408	13,299	14,148	15,316	16,121
Private households	2,897	3,346	3,459	(D)	(D)	(D)	2,499	2,769	2,773	2,759	2,779	2,811
Business services	160,896	175,862	188,806	167,840	159,453	160,050	8,443	9,438	15,097	21,027	23,406	24,341
Auto repair, services, and garages	31,998	36,789	39,921	38,128	37,045	39,333	6,325	7,366	7,398	9,018	10,229	11,183
Miscellaneous repair services	15,316	18,609	18,993	16,591	15,485	16,818	3,301	3,215	3,269	3,930	4,574	5,434
Amusement and recreation services	7,252	9,195	13,534	18,138	18,323	18,721	2,785	3,097	3,537	4,159	4,360	4,554
Motion pictures	(D)	(D)	8,542	8,182	6,348	6,993	265	321	278	255	218	200
Health services	146,933	164,951	173,315	179,422	181,392	189,701	78,241	83,168	84,577	91,712	99,850	104,455
Legal services	64,570	70,318	77,020	78,794	79,738	83,340	5,508	7,061	7,382	8,075	8,558	9,465
Educational services	8,937	9,987	12,468	13,073	14,692	15,254	(D)	(D)	(D)	(D)	(D)	(D)
Social services	35,419	32,284	37,181	36,322	37,551	39,666	2,397	2,640	2,950	3,063	3,052	3,902
Museums, botanical, zoological gardens	(D)	(D)	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	34,982	36,895	34,881	36,515	35,362	36,229	8,250	8,496	8,464	8,826	9,198	9,551
Miscellaneous services	143,918	168,913	166,944	166,573	155,856	154,486	5,287	6,792	8,864	13,532	17,331	20,628
Government and government enterprises	975,127	1,035,032	1,103,349	1,143,613	1,150,458	1,170,035	93,542	99,287	107,013	114,826	120,663	133,793
Federal, civilian	284,364	308,206	296,527	300,318	323,887	351,154	8,309	8,972	9,405	9,559	9,838	10,812
Military	204,957	209,523	220,558	246,610	261,322	264,660	3,246	3,026	3,433	4,007	4,215	4,434
State and local	485,806	517,303	586,264	596,685	565,249	554,221	81,987	87,289	94,175	101,260	106,610	118,547

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Anderson, SC (MSA)						Ann Arbor, MI (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,267,408**	**1,382,988**	**1,457,463**	**1,542,126**	**1,665,237**	**1,796,851**	**3,707,652**	**4,081,261**	**4,444,288**	**4,863,333**	**5,298,463**	**5,671,045**
Nonfarm personal income	1,263,519	1,375,554	1,451,167	1,537,606	1,657,705	1,788,770	3,702,322	4,071,387	4,431,238	4,851,468	5,287,440	5,660,805
Farm income[1]	3,889	7,434	6,296	4,520	7,532	8,081	5,330	9,874	13,050	11,865	11,023	10,240
Population (thousands)[2]	137.3	138.3	139.4	140.0	141.4	143.1	260.2	260.7	262.0	261.7	264.3	267.8
Per capita personal income (dollars)	**9,231**	**9,997**	**10,453**	**11,011**	**11,778**	**12,559**	**14,249**	**15,652**	**16,961**	**18,581**	**20,049**	**21,175**
Derivation of total personal income:												
Total earnings by place of work	820,236	897,252	927,019	981,346	1,073,998	1,156,030	3,320,777	3,746,288	4,126,016	4,372,773	4,625,910	5,021,812
Less: Personal contributions for social insurance[3]	48,416	53,183	58,266	63,435	68,949	77,771	176,640	202,257	234,448	240,735	258,355	294,147
Plus: Adjustment for residence	124,749	142,129	154,673	170,406	191,174	211,919	−406,140	−503,633	−535,669	−449,942	−370,305	−462,836
Equals: Net earnings by place of residence	896,569	986,198	1,023,426	1,088,317	1,196,223	1,290,178	2,737,997	3,040,398	3,355,899	3,682,096	3,997,250	4,264,829
Plus: Dividends, interest, and rent[5]	167,135	185,104	197,147	206,801	213,071	234,891	537,051	602,793	639,637	685,840	765,938	840,020
Plus: Transfer payments	203,704	211,686	236,890	247,008	255,943	271,782	432,604	438,070	448,752	495,397	535,275	566,196
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	675,443	734,893	756,174	792,597	864,904	931,389	2,775,578	3,121,234	3,444,916	3,639,050	3,844,606	4,184,391
Other labor income	71,166	75,078	73,846	77,594	84,956	91,640	365,028	408,098	426,218	443,330	459,661	494,844
Proprietors' income[6]	73,627	87,281	96,999	111,155	124,138	133,001	180,171	216,956	254,882	290,393	321,643	342,577
Farm	2,348	5,917	4,822	3,085	6,040	6,602	2,023	6,619	9,849	8,728	7,741	6,961
Nonfarm	71,279	81,364	92,177	108,070	118,098	126,399	178,148	210,337	245,033	281,665	313,902	335,616
Earnings by industry:												
Farm	3,889	7,434	6,296	4,520	7,532	8,081	5,330	9,874	13,050	11,865	11,023	10,240
Nonfarm	816,347	889,818	920,723	976,826	1,066,466	1,147,949	3,315,447	3,736,414	4,112,966	4,360,908	4,614,887	5,011,572
Private	718,705	785,283	803,725	851,079	930,055	1,000,575	2,467,946	2,835,225	3,107,398	3,271,424	3,434,637	3,763,531
Agricultural services, forestry, fisheries, and other[7]	1,725	1,656	1,990	2,504	3,165	3,484	6,814	7,203	8,754	10,162	10,081	15,702
Agricultural services	(D)	920	1,150	(D)	2,157	2,496	6,519	6,833	8,452	9,803	(D)	(D)
Forestry, fisheries, and other[7]	(D)	736	840	(D)	1,008	988	295	370	302	359	(D)	(D)
Mining	1,256	985	1,468	440	430	418	9,459	10,742	15,186	7,373	7,327	7,613
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)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	39,999	46,718	(D)	58,475	64,551	73,978	133,609	138,291	120,708	135,169	148,920	180,516
Manufacturing	388,614	419,871	407,989	419,986	445,213	470,391	1,226,528	1,488,191	1,638,257	1,615,633	1,607,590	1,721,891
Nondurable goods	294,815	310,373	292,710	302,412	322,548	337,926	146,800	168,948	197,048	176,045	183,034	209,531
Food and kindred products	6,375	5,789	5,321	4,699	4,889	(D)	12,866	12,912	13,658	15,510	14,741	16,154
Textile mill products	162,888	169,560	149,890	153,641	171,265	179,395	(D)	(D)	(D)	(D)	(D)	975
Apparel and other textile products	27,079	26,415	22,407	21,011	21,337	20,649	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	7,579	7,885	6,492	8,848	(D)	8,390
Printing and publishing	7,356	8,255	9,060	9,374	11,045	10,385	47,140	50,714	61,072	64,580	70,879	80,333
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	52,139	54,738	58,479	64,277	63,803	66,496	48,278	61,266	76,543	41,903	35,697	44,997
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	93,799	109,498	115,279	117,574	122,665	132,465	1,079,728	1,319,243	1,441,209	1,439,588	1,424,556	1,512,360
Lumber and wood products	809	872	917	1,237	1,603	1,658	1,099	1,723	1,271	1,391	1,688	2,045
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	331	629	887	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,561	5,243	6,195	9,265	(D)	(D)
Fabricated metal products	7,393	9,037	8,466	9,092	10,633	13,803	49,132	56,964	55,577	55,585	52,044	50,509
Machinery, except electrical	15,742	17,084	17,182	18,633	19,038	24,428	62,844	74,832	79,773	99,533	114,841	133,844
Electric and electronic equipment	22,984	26,798	32,275	28,477	(D)	(D)	(D)	(D)	(D)	(D)	323,149	325,547
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	926	990
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	703,767	876,194	964,788	916,102	854,684	893,836
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,732	1,612	1,784	1,802	5,012	5,307
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	32,558	29,240	32,878	35,692	44,481	60,934
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	5,953	7,022	7,860	8,185	9,200	10,397
Transportation and public utilities	40,365	42,574	(D)	44,153	45,384	48,768	97,474	112,742	139,576	159,681	145,977	163,220
Railroad transportation	2,499	1,530	1,218	1,018	830	974	3,022	3,126	2,908	2,947	2,998	2,657
Trucking and warehousing	8,869	11,022	11,516	12,719	13,978	16,139	33,481	42,669	51,395	62,961	43,287	50,773
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Other transportation[8]	3,703	2,890	3,028	3,206	3,491	(D)	(D)	(D)	40,651	49,574	53,097	64,027
Communication	12,860	13,631	12,766	12,660	12,463	12,642	19,409	16,284	22,101	21,567	27,172	24,666
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	14,608	(D)	17,975	22,521	22,632	19,423	21,097
Wholesale trade	28,087	30,896	34,546	33,667	33,117	35,886	72,538	85,609	87,833	98,421	110,586	142,167
Retail trade	93,420	101,383	107,480	114,890	129,061	139,141	209,395	222,326	243,990	269,237	313,948	339,658
Finance, insurance, and real estate	22,460	23,887	25,070	27,236	29,557	31,832	73,104	75,866	81,572	92,004	110,657	130,352
Banking and credit agencies	12,126	12,430	13,059	14,531	15,344	16,800	37,929	41,630	43,643	49,436	55,318	60,848
Other finance, insurance, and real estate[9]	10,334	11,457	12,011	12,705	14,213	15,032	35,175	34,236	37,929	42,568	55,339	69,504
Services	102,779	117,313	133,378	149,728	179,577	196,677	639,025	694,255	771,522	883,744	979,551	1,062,412
Hotels and other lodging places	(D)	(D)	(D)	1,646	2,093	2,477	9,676	10,256	10,797	12,894	17,712	15,552
Personal services	6,042	6,583	8,305	8,765	9,437	10,733	16,414	17,090	23,580	26,658	28,322	32,567
Private households	2,644	2,956	2,990	3,007	3,053	3,119	5,494	6,084	6,100	6,096	6,149	6,212
Business services	11,950	13,870	16,497	17,797	26,207	28,819	198,473	218,577	267,843	311,070	321,713	324,730
Auto repair, services, and garages	6,717	8,851	10,048	11,025	12,297	12,713	11,505	12,219	14,291	16,812	18,965	20,851
Miscellaneous repair services	3,784	4,161	4,094	4,627	7,803	10,766	5,302	6,069	6,235	6,838	7,463	8,827
Amusement and recreation services	1,606	1,721	1,973	2,358	2,469	2,860	5,246	6,203	6,784	7,627	8,222	9,006
Motion pictures	340	485	454	444	603	479	(D)	3,036	2,975	964	1,067	2,378
Health services	33,705	36,994	41,996	45,167	54,477	57,230	205,705	217,269	228,084	247,111	283,860	319,717
Legal services	5,084	6,872	6,784	7,352	7,847	8,645	24,135	25,147	24,227	28,485	31,610	34,597
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	8,776	10,060	10,761	11,696	12,722	14,844
Social services	2,153	2,271	2,498	2,937	3,339	4,454	17,708	19,475	22,860	24,532	32,579	30,703
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	(D)	145	173	260	338	374
Membership organizations	5,909	5,986	5,842	5,853	6,001	6,332	18,861	19,655	20,720	24,116	26,616	29,042
Miscellaneous services	18,449	22,014	27,051	35,077	39,871	43,175	109,359	122,970	126,092	158,585	182,213	213,012
Government and government enterprises	97,642	104,535	116,998	125,747	136,411	147,374	847,501	901,189	1,005,568	1,089,484	1,180,250	1,248,041
Federal, civilian	7,394	7,498	8,220	8,218	9,165	11,008	57,081	62,865	72,961	71,140	85,861	95,163
Military	5,687	6,433	6,879	6,969	7,420	7,740	4,634	4,907	5,497	5,979	6,772	6,892
State and local	84,561	90,604	101,899	110,560	119,826	128,626	785,786	833,417	927,110	1,012,365	1,087,617	1,145,986

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Anniston, AL (MSA)						Appleton—Oshkosh—Neenah, WI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,090,015**	**1,166,571**	**1,229,019**	**1,289,958**	**1,359,258**	**1,440,108**	**3,416,307**	**3,728,734**	**3,962,252**	**4,208,553**	**4,486,932**	**4,792,253**
Nonfarm personal income	1,083,006	1,157,845	1,219,983	1,278,280	1,350,280	1,426,427	3,375,289	3,660,101	3,891,231	4,118,772	4,392,039	4,716,855
Farm income[1]	7,009	8,726	9,036	11,678	8,978	13,681	41,018	68,633	71,021	89,781	94,893	75,398
Population (thousands)[2]	125.7	125.0	123.5	121.8	123.1	123.3	298.7	302.0	304.5	305.3	308.3	312.9
Per capita personal income (dollars)	**8,675**	**9,335**	**9,948**	**10,587**	**11,043**	**11,679**	**11,439**	**12,347**	**13,014**	**13,785**	**14,553**	**15,316**
Derivation of total personal income:												
Total earnings by place of work	843,031	911,433	955,306	998,021	1,053,408	1,104,435	2,643,487	2,932,266	3,125,775	3,338,565	3,601,181	3,860,474
Less: Personal contributions for social insurance[3]	49,116	53,934	58,300	58,403	61,597	66,726	164,559	181,757	204,510	215,569	230,875	261,588
Plus: Adjustment for residence	−42,551	−47,577	−51,989	−54,638	−55,588	−52,923	−131,642	−148,911	−157,922	−166,557	−184,915	−199,891
Equals: Net earnings by place of residence	751,364	809,922	845,017	884,980	936,223	984,786	2,347,286	2,601,598	2,763,343	2,956,439	3,185,391	3,398,995
Plus: Dividends, interest, and rent[4]	116,382	128,111	139,177	146,869	154,243	167,897	591,138	647,936	692,561	713,934	739,685	809,260
Plus: Transfer payments	222,269	228,538	244,825	258,109	268,792	287,425	477,883	479,200	506,348	538,180	561,856	583,998
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	730,647	785,215	824,519	855,466	902,520	938,995	2,189,047	2,412,088	2,577,798	2,738,273	2,947,847	3,184,156
Other labor income	56,328	60,174	62,347	65,248	70,629	77,522	254,043	267,966	275,522	296,749	323,347	349,008
Proprietors' income[5]	56,056	66,044	68,440	77,307	80,259	87,918	200,397	252,212	272,455	303,543	329,987	327,310
Farm	6,232	7,961	8,289	10,954	8,234	12,949	24,726	52,586	55,356	74,517	78,979	59,636
Nonfarm	49,824	58,083	60,151	66,353	72,025	74,969	175,671	199,626	217,099	229,026	251,008	267,674
Earnings by industry:												
Farm	7,009	8,726	9,036	11,678	8,978	13,681	41,018	68,633	71,021	89,781	94,893	75,398
Nonfarm	836,022	902,707	946,270	986,343	1,044,430	1,090,754	2,602,469	2,863,633	3,054,754	3,248,784	3,506,288	3,785,076
Private	452,182	499,772	529,959	569,376	600,736	637,169	2,318,086	2,554,869	2,730,018	2,904,968	3,144,551	3,403,442
Agricultural services, forestry, fisheries, and other[7]	3,264	3,135	3,258	(D)	3,784	3,632	10,247	10,197	10,092	10,028	14,364	15,402
Agricultural services	2,639	2,504	2,759	(D)	3,371	(D)	9,735	9,828	9,653	9,609	13,950	14,956
Forestry, fisheries, and other[7]	625	631	499	344	413	(D)	512	369	439	419	414	446
Mining	2,007	2,371	2,550	(D)	1,610	2,218	11,557	11,218	13,263	8,865	9,825	10,406
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	51	(L)	(L)	(L)
Oil and gas extraction	686	760	1,181	372	329	292	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	1,281	1,587	1,344	(D)	1,270	1,915	(D)	(D)	(D)	(D)	(D)	(D)
Construction	25,523	29,562	31,818	33,435	38,805	40,148	151,757	181,379	190,831	214,240	233,951	285,493
Manufacturing	173,189	191,027	197,003	203,528	210,378	220,213	1,155,815	1,279,793	1,350,970	1,429,170	1,537,289	1,636,540
Nondurable goods	80,049	84,465	82,293	85,688	85,985	87,217	715,716	786,451	822,928	874,734	947,106	987,906
Food and kindred products	6,541	7,790	7,290	7,595	7,668	6,671	83,684	91,398	92,253	93,778	100,904	107,555
Textile mill products	35,481	34,058	30,284	32,026	34,704	35,497	19,587*	21,410*	21,550*	22,700*	25,902*	27,798*
Apparel and other textile products	20,959	24,101	25,199	27,751	32,176	33,950	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	500,261	546,532	572,543	604,351	660,650	675,908
Printing and publishing	4,241	(D)	4,761	5,054	5,274	5,507	67,862*	78,601	78,983	83,480	91,842	98,757
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	7,878	8,419*	7,818*	15,003*	8,459*	8,720*
Petroleum and coal products	0	0	142	146	157	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)	0	(D)	(D)	(D)	(D)	31,211	37,171*	37,376*	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	93,140	106,562	114,710	117,840	124,393	132,996	440,099	493,342	528,042	554,436	590,183	648,634
Lumber and wood products	3,959	4,603	4,953	5,751	7,078	7,310	24,365*	26,456*	39,863*	42,425*	46,691	48,860
Furniture and fixtures	(D)	(D)	5,666	6,129	6,995	7,662	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	21,076	25,935	26,964	27,574	29,114	33,670	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	53,545	60,876	61,327	58,863	55,248	54,271	38,809	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	3,912	4,194	6,977	7,223	8,709	9,709	166,393	182,692	193,236	195,412	203,608	221,622
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	61,683*	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	(D)	0	0	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	67,851	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,243	1,378	1,576	2,147	5,625	5,348	7,453	7,096*	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	2,312	2,704	2,845	3,107	3,211	3,657
Miscellaneous manufacturing industries	1,198	2,016	2,503	2,475	2,666	3,061	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	36,062	39,124	41,131	45,422	49,358	50,783	122,609	131,434	143,205	151,828	157,901	174,537
Railroad transportation	1,115	1,180	1,214	2,259	2,597	2,447	(D)	(D)	5,345*	(D)	4,818*	3,404
Trucking and warehousing	11,523	14,240	14,703	15,452	16,179	16,263	50,328	58,847	59,122	62,680	66,039	72,334
Water transportation	0	0	0	0	0	0	111*	(D)	(D)	(D)	(D)	214*
Other transportation[8]	1,127	1,340	1,446	1,972	1,957	2,772	19,707	(D)	(D)	(D)	(D)	(D)
Communication	11,007	9,851	10,080	10,617	11,854	12,039	(D)	(D)	28,126	28,032	(D)	(D)
Electric, gas, and sanitary services	11,290	12,513	13,688	15,122	16,771	17,262	(D)	(D)	21,281*	(D)	(D)	(D)
Wholesale trade	36,539	40,419	41,297	41,138	43,008	47,059	135,696	147,708	153,394	155,618	168,474	187,398
Retail trade	73,743	80,352	88,102	98,273	100,073	105,929	219,858	232,130	248,801	265,382	275,886	294,896
Finance, insurance, and real estate	18,902	20,785	22,389	23,359	24,504	25,126	112,291	125,061	140,441	153,472	169,080	176,822
Banking and credit agencies	10,284	11,612	12,664	13,446	13,207	12,745	(D)	(D)	(D)	(D)	(D)	44,831*
Other finance, insurance, and real estate[9]	8,618	9,173	9,725	9,913	11,297	12,381	(D)	(D)	(D)	(D)	(D)	126,956*
Services	82,953	92,997	102,411	119,141	129,216	142,061	398,256	435,949	479,021	516,365	577,781	621,948
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	7,109	7,448*	7,823*	10,350*	11,186*	11,985*
Personal services	5,361	6,043	6,536	7,758	8,444	9,912	21,171	23,569	28,810	30,253	33,087	35,887
Private households	5,331	5,941	5,980	5,981	6,039	6,107	3,700	4,095	4,108	4,089	4,117	4,184
Business services	5,568	6,553	8,722	15,280	16,447	21,227	59,698	72,658	83,585	95,070	105,426	113,317
Auto repair, services, and garages	6,336	7,862	7,969	8,722	8,976	10,357	17,086	20,447	23,064	22,400	23,471	27,451
Miscellaneous repair services	1,656	1,959	2,064	2,582	2,792	3,056	6,528	7,911	7,398	8,386	9,175	10,355
Amusement and recreation services	1,364	1,458	1,751	2,842	1,919	1,352	7,520	8,073	8,712	9,156	9,833	9,936
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	29,564	31,635	36,431	39,505	45,223	49,037	182,708	186,236	200,312	213,244	249,512	260,260
Legal services	4,659	5,676	6,203	7,589	8,601	7,834	17,085	20,329	20,904	22,203	22,873	24,700
Educational services	2,505	3,108	3,018	2,627	2,890	2,948	14,396	15,657	16,865	18,055	19,751	21,787
Social services	2,073	1,997	2,184	2,504	2,645	2,730	10,761*	13,671*	16,310*	18,063*	21,347*	24,484
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,638	5,972	6,010	6,033	6,295	6,920	18,583	20,274	20,194	20,701	22,093	24,047
Miscellaneous services	10,177	11,960	11,409	14,017	15,087	16,753	30,838	34,301	39,579	43,010	44,426	52,376
Government and government enterprises	383,840	402,935	416,311	416,967	443,694	453,585	284,383	308,764	324,736	343,816	361,737	381,634
Federal, civilian	173,243	183,958	198,982	196,193	208,437	211,519	22,851	24,845	26,397	26,184	28,028	31,771
Military	123,776	127,994	117,202	114,765	124,378	122,142	7,840	9,529	10,854	11,772	12,555	12,985
State and local	86,821	90,983	100,127	106,009	110,879	119,924	253,692	274,390	287,485	305,860	321,154	336,878

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Asheville, NC (MSA)						Athens, GA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,700,906**	**1,869,978**	**2,010,937**	**2,133,695**	**2,296,856**	**2,488,738**	**1,286,254**	**1,443,560**	**1,560,028**	**1,720,608**	**1,859,453**	**2,025,045**
Nonfarm personal income	1,684,701	1,852,378	1,993,505	2,116,261	2,279,279	2,471,157	1,252,131	1,376,694	1,504,709	1,640,889	1,800,106	1,947,282
Farm income[1]	16,205	17,600	17,432	17,434	17,577	17,581	34,123	66,866	55,319	79,719	59,347	77,763
Population (thousands)[2]	164.6	166.3	168.4	169.9	171.3	173.1	135.2	137.2	139.4	139.8	142.1	144.7
Per capita personal income (dollars)	**10,335**	**11,244**	**11,939**	**12,557**	**13,405**	**14,380**	**9,515**	**10,522**	**11,191**	**12,308**	**13,086**	**13,997**
Derivation of total personal income:												
Total earnings by place of work	1,247,455	1,380,963	1,485,772	1,576,503	1,692,490	1,843,588	970,331	1,080,157	1,154,467	1,284,202	1,370,207	1,498,235
Less: Personal contributions for social insurance[3]	75,632	83,893	94,545	100,633	107,443	122,237	49,325	54,315	60,992	66,714	71,903	80,687
Plus: Adjustment for residence	−43,452	−46,479	−56,199	−62,062	−63,349	−73,717	−23,169	−740	9,296	12,544	33,671	33,551
Equals: Net earnings by place of residence	1,128,371	1,250,591	1,335,028	1,413,808	1,521,698	1,647,634	897,837	1,025,102	1,102,771	1,230,132	1,331,975	1,451,099
Plus: Dividends, interest, and rent[5]	275,900	311,931	343,999	367,426	403,314	445,294	191,516	213,196	231,345	243,655	266,665	293,941
Plus: Transfer payments	296,635	307,456	331,910	352,461	371,844	395,810	196,901	205,262	225,912	246,821	260,813	280,005
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,037,514	1,146,639	1,232,752	1,302,885	1,400,244	1,528,476	799,370	858,398	934,864	1,017,551	1,102,559	1,195,604
Other labor income	104,369	108,631	111,212	117,766	123,959	135,358	67,957	71,992	75,680	83,818	92,277	101,170
Proprietors' income[6]	105,572	125,693	141,808	155,852	168,287	179,754	103,004	149,767	143,923	182,833	175,371	201,461
Farm	13,887	15,324	15,178	15,209	15,241	15,238	29,845	62,656	51,187	75,676	55,114	73,545
Nonfarm	91,685	110,369	126,630	140,643	153,046	164,516	73,159	87,111	92,736	107,157	120,257	127,916
Earnings by industry:												
Farm	16,205	17,600	17,432	17,434	17,577	17,581	34,123	66,866	55,319	79,719	59,347	77,763
Nonfarm	1,231,250	1,363,363	1,468,340	1,559,069	1,674,913	1,826,007	936,208	1,013,291	1,099,148	1,204,483	1,310,860	1,420,472
Private	1,053,088	1,167,279	1,255,997	1,331,640	1,432,059	1,560,968	625,181	697,478	755,057	829,737	911,353	990,361
Agricultural services, forestry, fisheries, and other[7]	2,913	3,417	3,689	3,943	5,744	6,329	2,731	2,837	2,851	3,210*	4,935	5,935
Agricultural services	2,798	3,322	3,626	3,915	5,707	6,291	2,286	2,453	2,646	3,111*	(D)	(D)
Forestry, fisheries, and other[7]	115	95	63	(L)	(L)	(L)	445	384	205	95	(D)	(D)
Mining	4,106	4,741	6,755	3,755	3,930	3,987	(D)	3,071	4,089	(D)	3,597	3,584
Coal mining	98	148	92	89	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(L)
Oil and gas extraction	2,560	2,970	(D)	(D)	(D)	(D)	1,173	(D)	(D)	(D)	458*	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	(D)	0
Nonmetallic minerals, except fuels	1,449	1,629	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	65,612	80,687	94,474	104,732	118,955	128,832	41,902	52,443	65,007	77,572	81,713	90,646
Manufacturing	379,595	413,679	429,939	447,240	443,187	457,628	225,690	247,507	251,788	269,371	284,577	298,063
Nondurable goods	179,217	183,905	181,824	188,479	186,174	194,093	129,621	139,342	137,119	148,499	156,071	160,812
Food and kindred products	18,859	20,718	21,330	21,468	21,720	22,432	37,544*	39,713*	41,904*	48,353*	50,190*	(D)
Textile mill products	39,269	40,062	38,324	48,844	65,260	65,618	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	45,044	45,282	46,865	35,550	25,451	26,499	33,132	36,690	32,690	32,154	29,983	30,158
Paper and allied products	1,396	1,690	1,681	1,896	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	12,802	14,121	16,413	16,783	17,679	19,726	(D)	6,458*	6,677*	7,758*	9,082*	11,033*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,134*	(D)
Petroleum and coal products	(D)	123	109	104	141	158	0	129	271	314	696	856
Tobacco manufactures	0	0	0	0	0	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	7,301	7,906	10,356	11,156	11,964	13,992	(D)	5,073	5,490	(D)	(D)	6,506*
Leather and leather products	(D)	(D)	(D)	(D)	772	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	200,378	229,774	248,115	258,761	257,013	263,535	96,069	108,165	114,669	120,872	128,506	137,251
Lumber and wood products	10,424	(D)	11,661	11,633	9,245	8,104	4,257	5,246	5,911	8,169	9,498	10,514
Furniture and fixtures	10,534	10,063	8,397	(D)	9,723	5,297	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	15,321	16,001	17,567	18,596	18,981	34,067	(D)	(D)	(D)	(D)	(D)	3,189*
Machinery, except electrical	28,355	41,389	54,341	55,266	53,345	51,524	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	78,154	93,396	97,567	102,588	101,829	99,865	41,527*	47,196	50,165*	51,749*	53,683*	59,155*
Transportation equip. excl. motor vehicles	10,518	10,562	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	14,145	14,800	16,920	19,132	19,071	16,456	(D)	15,445*	16,129*	16,755*	18,309*	19,649*
Instruments and related products	17,325	17,902	14,974	14,032	12,139	12,334	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,090	1,248	1,135	1,401	2,340	2,035	(D)	(D)	(D)	(D)	(D)	359
Transportation and public utilities	86,978	92,192	97,840	105,586	112,698	123,007	44,777	47,925	52,875	60,286	65,383	66,798
Railroad transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	23,589	28,668	30,080	37,458	41,220	45,670	10,989*	12,995*	14,996*	16,527*	17,218*	16,501*
Water transportation	0	0	0	0	0	0	0	0	0	0	0	(D)
Other transportation[8]	6,196	6,941	7,517	7,607	8,161	15,599	(D)	(D)	(D)	(D)	(D)	(D)
Communication	29,068	27,717	30,124	29,216	30,581	30,051	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	27,829
Wholesale trade	59,760	66,366	71,168	68,498	79,780	92,348	40,874*	47,996	54,004	57,631	64,318	78,950
Retail trade	148,139	164,560	170,642	183,551	193,803	213,120	94,327	105,178	113,106	118,935	128,178	140,364
Finance, insurance, and real estate	39,691	43,886	46,775	50,477	60,368	63,480	32,001	33,741	36,564	43,505	48,401	48,054
Banking and credit agencies	17,796	18,692	20,367	22,149	24,742	28,000	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	21,895	25,194	26,408	28,328	35,626	35,480	16,889*	(D)	19,211*	22,490*	27,472*	26,106*
Services	266,294	297,751	334,715	363,858	413,594	472,237	139,419	156,780	174,773	195,887	230,251	257,967
Hotels and other lodging places	13,717	16,879	18,018	19,985	22,240	25,037	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	15,983	17,160	20,078	20,667	24,095	25,960	7,301	8,045	9,746	10,038	11,296	11,900
Private households	11,376	12,817	13,012	13,069	13,249	13,500	7,440	8,385	8,571	8,693	8,903	9,127
Business services	27,089	32,250	41,863	44,848	52,113	64,789	12,809	16,524	19,518	19,656	22,515	30,104
Auto repair, services, and garages	10,551	13,375	14,866	17,195	16,817	18,195	9,766	12,091	13,717	15,039	18,169	21,205
Miscellaneous repair services	4,873	6,312	5,622	5,955	7,011	9,311	2,594	(D)	(D)	(D)	(D)	(D)
Amusement and recreation services	7,446	8,551	10,034	10,991	12,172	12,374	1,435*	1,651*	1,895*	2,473*	3,676*	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	237	(D)	(D)	(D)	(D)	(D)
Health services	127,606	136,506	152,098	163,109	189,813	216,308	52,755	57,040	66,985	77,474	94,066	107,938
Legal services	10,856	12,885	14,445	17,429	19,982	22,181	6,219	8,143	10,235	11,579	13,291	14,153
Educational services	7,760	8,297	8,955	10,219	11,358	13,205	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,920	5,578	6,464	7,809	8,690	9,565	4,908*	5,350*	5,636*	6,149*	9,077*	6,229*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	10,163	10,232	9,903	10,230	10,439	11,325	9,017	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	13,254	15,810	18,137	21,340	24,343	29,397	16,488	18,864	17,848	23,131	25,721	25,596
Government and government enterprises	178,162	196,084	212,343	227,429	242,854	265,039	311,027	315,813	344,091	374,746	399,507	430,111
Federal, civilian	59,570	63,747	66,517	67,291	68,930	73,672	54,998	57,806	59,866	61,954	64,219	69,083
Military	2,980	2,940	3,346	3,652	3,892	4,081	17,555	17,854	19,887	20,742	19,568	20,678
State and local	115,612	129,397	142,480	156,486	170,032	187,286	238,474	240,153	264,338	292,050	315,720	340,350

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Atlanta, GA (MSA)						Atlantic City, NJ (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**29,840,494**	**34,081,819**	**38,186,249**	**42,123,578**	**46,357,382**	**50,353,989**	**4,327,164**	**4,755,007**	**5,180,031**	**5,574,885**	**6,102,322**	**6,651,198**
Nonfarm personal income	29,756,505	33,954,543	38,070,449	41,970,686	46,234,708	50,207,409	4,311,547	4,743,135	5,162,469	5,559,029	6,087,915	6,636,645
Farm income[1]	83,989	127,276	115,800	152,892	122,674	146,580	15,617	11,872	17,562	15,856	14,407	14,553
Population (thousands)[2]	2,307.6	2,379.4	2,469.4	2,565.9	2,656.2	2,736.6	284.3	288.9	293.7	298.6	303.5	309.2
Per capita personal income (dollars)	**12,931**	**14,324**	**15,464**	**16,417**	**17,453**	**18,400**	**15,223**	**16,458**	**17,640**	**18,669**	**20,105**	**21,512**
Derivation of total personal income:												
Total earnings by place of work	24,652,662	28,485,241	32,180,013	35,797,666	39,467,180	42,845,693	2,924,317	3,248,749	3,566,305	3,870,946	4,268,683	4,680,891
Less: Personal contributions for social insurance[3]	1,341,955	1,562,463	1,850,468	2,060,172	2,244,526	2,527,803	179,680	201,791	229,261	264,821	291,422	332,921
Plus: Adjustment for residence	−582,249	−727,261	−866,272	−1,038,112	−1,190,388	−1,287,574	176,694	182,758	204,222	223,839	259,003	289,751
Equals: Net earnings by place of residence	22,728,458	26,195,517	29,463,273	32,699,382	36,032,266	39,030,316	2,921,331	3,229,716	3,541,266	3,829,964	4,236,264	4,637,721
Plus: Dividends, interest, and rent[5]	4,033,523	4,664,771	5,218,465	5,618,727	6,277,016	6,926,326	717,249	819,189	889,535	946,368	1,028,599	1,134,790
Plus: Transfer payments	3,078,513	3,221,531	3,504,511	3,805,469	4,048,100	4,397,347	688,584	706,102	749,230	798,553	837,459	878,687
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	20,832,388	24,058,158	27,223,199	30,082,004	33,149,036	36,056,015	2,465,340	2,752,173	2,997,394	3,252,598	3,579,778	3,934,355
Other labor income	2,106,771	2,334,698	2,528,995	2,847,579	3,162,612	3,401,346	212,184	226,262	232,479	255,887	284,651	312,953
Proprietors' income[6]	1,713,503	2,092,385	2,427,819	2,868,083	3,155,532	3,388,332	246,793	270,314	336,432	362,461	404,254	433,583
Farm	73,980	117,394	106,222	143,613	113,045	137,058	8,847	5,308	11,097	9,492	7,717	7,845
Nonfarm	1,639,523	1,974,991	2,321,597	2,724,470	3,042,487	3,251,274	237,946	265,006	325,335	352,969	396,537	425,738
Earnings by industry:												
Farm	83,989	127,276	115,800	152,892	122,674	146,580	15,617	11,872	17,562	15,856	14,407	14,553
Nonfarm	24,568,673	28,357,965	32,064,213	35,644,774	39,344,506	42,699,113	2,908,700	3,236,877	3,548,743	3,855,090	4,254,276	4,666,338
Private	21,249,585	24,745,709	28,094,438	31,351,688	34,600,022	37,498,925	2,415,551	2,706,767	2,990,888	3,256,654	3,619,938	3,971,345
Agricultural services, forestry, fisheries, and other[7]	69,762	84,181*	103,219	115,308	135,374*	148,554*	19,881	17,884	(D)	(D)	(D)	(D)
Agricultural services	66,665	81,286*	101,557	113,548	137,836*	153,084*	10,042	10,390	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	3,097	2,400*	1,662	1,760	(D)	(D)	9,839	7,494	(D)	(D)	(D)	(D)
Mining	54,847	61,401*	86,265	52,454	(D)	(D)	6,459	7,907	10,879	4,526	4,974	4,699
Coal mining	619	228	(D)	(D)	(D)	(D)	(D)	66	(D)	(D)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,594	9,285	(D)	(D)	(D)
Metal mining	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	849*	1,080*	(D)	(D)	(D)
Construction	1,435,900*	1,874,515	2,211,954	2,540,474	2,693,418	2,804,900	214,053	277,979	(D)	(D)	(D)	(D)
Manufacturing	3,769,505	4,379,198	4,821,584	5,322,294	5,665,032	5,830,420	172,523	179,795	183,368	202,659	217,162	250,155
Nondurable goods	1,701,506	1,882,947	2,004,843	2,227,530	2,419,918	2,604,275	98,877	97,644	98,749	106,005	111,250	121,240
Food and kindred products	455,402*	474,446*	503,930*	565,918*	616,905*	643,802*	(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	159,244*	(D)	171,366*	173,732*	(D)	(D)	9,948*	10,036*	10,150*	9,919*	10,598*	10,148*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	376,437*	460,456*	511,973*	586,945*	619,429*	690,476*	16,379	17,982	19,719	20,584	22,826	(D)
Chemicals and allied products	186,980*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	12,766*	14,033*	11,731*	13,732*	16,616	17,236	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)	131,631*	158,900*	213,494*	222,621*	21,337*	23,773*	23,017*	23,368*	25,468*	24,567*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	2,067,999	2,496,251	2,816,741	3,094,764	3,245,114	3,226,145	73,646	82,151	84,619	96,654	105,912	128,915
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	1,632*	1,771*	2,556*	2,467*	1,549*	2,637
Furniture and fixtures	(D)	79,467*	(D)	(D)	(D)	(D)	906*	1,215*	2,171*	2,208*	2,229	2,778
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,062	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,961	2,556*	2,990*	2,972*	3,887*	5,770*
Machinery, except electrical	(D)	(D)	253,793*	(D)	(D)	(D)	4,644*	5,459*	6,169*	8,204	8,638	8,440
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,143	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	10,667*	15,649*	17,644*	21,776*	27,541	42,853
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	45,261*	50,632*	53,148*	56,514*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,615	191	253*	(D)	989*	(D)
Miscellaneous manufacturing industries	41,409*	41,353*	47,115*	55,105*	57,986*	66,304*	3,277	3,026	2,545	2,675	3,145	3,000
Transportation and public utilities	3,211,098	3,459,163	3,784,083	4,100,817	4,603,523	4,885,080	(D)	178,862	(D)	(D)	(D)	(D)
Railroad transportation	142,172*	169,295*	173,511	171,478	175,219	177,255	923	1,237	1,563	2,310	4,771	6,606
Trucking and warehousing	602,792	704,808*	741,639*	808,471*	898,142	981,632	(D)	20,481	(D)	(D)	(D)	(D)
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	2,399	3,751	4,678	5,826	6,840	5,731
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	31,375	(D)	(D)	(D)	(D)
Communication	(D)	(D)	983,237*	1,067,869*	1,275,920*	1,356,729*	51,394	46,083	45,705	46,208	47,568	52,024
Electric, gas, and sanitary services	(D)	333,331*	368,266*	(D)	462,765*	536,821*	66,498	75,935	83,007	87,948	93,239	98,697
Wholesale trade	3,213,722*	3,768,839*	4,320,269	4,586,044	4,955,005	5,590,928	(D)	92,942	93,101	104,144	119,240	136,951
Retail trade	2,604,121	3,021,896	3,406,745	3,692,303	4,043,121	4,338,215	357,602	389,476	420,914	449,336	487,316	544,803
Finance, insurance, and real estate	1,916,137	2,182,784	2,555,213	3,021,426	3,409,477	3,766,246	115,097	124,624	137,078	142,518	162,042	176,826
Banking and credit agencies	552,420*	638,585*	763,912*	902,407*	1,027,429*	1,060,860*	(D)	(D)	48,490	51,487	58,543	(D)
Other finance, insurance, and real estate[9]	1,337,035*	1,519,355*	1,771,283*	2,091,844*	2,346,980*	2,594,124*	(D)	(D)	88,588	91,031	103,499	(D)
Services	4,956,560	5,892,078	6,805,106	7,920,568	9,031,171	10,064,882	1,276,372	1,437,298	1,474,864*	1,587,249*	1,759,091*	1,925,236*
Hotels and other lodging places	(D)	(D)	(D)	(D)	350,676*	371,096*	857,418	950,605	1,072,852	1,115,595	1,218,454	1,299,322
Personal services	199,726*	225,573*	273,804*	311,698*	336,232*	370,567*	(D)	(D)	(D)	(D)	(D)	44,804
Private households	119,584	134,979	138,000	139,891	143,175	146,778	8,544	9,522	9,583	9,591	9,670	9,788
Business services	1,173,607	1,460,389	1,710,574	2,002,996	2,310,264*	2,675,356*	58,597	72,441	(D)	(D)	(D)	(D)
Auto repair, services, and garages	204,100	247,199	287,661	325,043	360,860	384,735	19,676	23,323	25,494	28,028	30,993	37,687
Miscellaneous repair services	86,910	106,783	102,919	123,175*	143,784	(D)	(D)	(D)	(D)	(D)	(D)	14,119
Amusement and recreation services	95,175*	112,078*	128,089*	153,611*	175,454*	206,034	32,571	45,730	55,995	76,361	87,223	88,096
Motion pictures	26,740*	33,850*	42,071*	47,367*	51,799*	59,612*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,164,340	1,305,439	1,487,587	1,693,607	2,018,922	2,278,758	163,227	177,654	196,829	224,908	253,588	294,657
Legal services	441,771	552,315	635,243	762,281	870,646	974,676	35,765	42,871	51,267	55,012	60,366	69,866
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	6,029	6,694	6,912	6,744	7,462	8,238
Social services	86,901*	96,001	109,071	129,458	143,813	168,282*	13,559	15,160	16,215	17,670	18,547	23,514
Museums, botanical, zoological gardens	355	381	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	193,920*	208,027	227,119	242,506	259,255	284,161	18,877	21,022	22,798	26,315	28,570	33,111
Miscellaneous services	743,836	913,125	1,102,426	1,357,030	1,515,865	1,573,841	24,845	30,799	34,535	42,047	48,251	52,523
Government and government enterprises	3,319,088	3,612,256	3,969,775	4,293,086	4,744,484	5,200,188	493,149	530,110	557,855	598,436	634,338	694,993
Federal, civilian	927,985	1,017,811	1,106,369	1,121,766	1,216,684	1,347,808	90,951	91,699	95,261	90,374	94,297	102,799
Military	183,531	215,204	235,638	259,688	270,503	278,750	44,165	42,318	40,466	40,575	32,888	33,109
State and local	2,207,572	2,379,241	2,627,768	2,911,632	3,257,297	3,573,630	358,033	396,093	422,128	467,487	507,153	559,085

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Augusta, GA—SC (MSA)						Aurora—Elgin, IL (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,661,489**	**4,068,417**	**4,477,548**	**4,849,629**	**5,082,134**	**5,448,241**	**4,226,515**	**4,682,773**	**5,039,798**	**5,447,639**	**6,001,804**	**6,571,042**
Nonfarm personal income	3,652,684	4,050,818	4,459,498	4,832,409	5,057,339	5,420,563	4,234,820	4,656,022	5,013,413	5,418,551	5,974,828	6,552,024
Farm income[1]	8,805	17,599	18,050	17,220	24,795	27,678	−8,305	26,751	26,385	29,088	26,976	19,018
Population (thousands)[2]	362.1	370.2	380.1	389.2	392.3	396.4	321.9	330.4	336.0	339.6	346.6	355.4
Per capita personal income (dollars)	**10,113**	**10,991**	**11,781**	**12,461**	**12,956**	**13,744**	**13,131**	**14,171**	**15,000**	**16,044**	**17,318**	**18,492**
Derivation of total personal income:												
Total earnings by place of work	2,724,838	3,037,910	3,367,723	3,624,866	3,937,494	4,257,730	2,599,934	2,926,595	3,032,355	3,194,105	3,495,636	3,901,391
Less: Personal contributions for social insurance[3]	147,603	166,337	193,498	210,997	227,039	255,561	158,614	177,168	193,474	208,745	226,557	264,413
Plus: Adjustment for residence	32,229	71,125	69,068	88,412	−56,448	−102,481	645,923	722,309	931,714	1,120,464	1,298,478	1,388,582
Equals: Net earnings by place of residence	2,609,464	2,942,698	3,243,293	3,502,281	3,654,007	3,899,688	3,087,243	3,471,736	3,770,595	4,105,824	4,567,557	5,025,560
Plus: Dividends, interest, and rent[5]	428,460	479,283	526,144	583,266	614,966	678,195	665,487	740,282	760,408	806,827	877,553	959,071
Plus: Transfer payments	623,565	646,436	708,111	764,082	813,161	870,358	473,785	470,755	508,795	534,988	556,694	586,411
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,345,773	2,609,077	2,890,911	3,092,911	3,346,615	3,615,456	2,149,155	2,388,086	2,466,628	2,580,722	2,832,161	3,186,447
Other labor income	222,542	238,457	257,785	277,192	303,675	334,271	226,742	242,669	242,918	256,167	282,799	316,532
Proprietors' income[6]	156,523	190,376	219,027	254,763	287,204	308,003	224,037	295,840	322,809	357,216	380,676	398,412
Farm	6,010	14,853	15,354	14,571	22,011	24,893	−16,206	19,010	18,622	21,374	18,828	10,858
Nonfarm	150,513	175,523	203,673	240,192	265,193	283,110	240,243	276,830	304,187	335,842	361,848	387,554
Earnings by industry:												
Farm	8,805	17,599	18,050	17,220	24,795	27,678	−8,305	26,751	26,385	29,088	26,976	19,018
Nonfarm	2,716,033	3,020,311	3,349,673	3,607,646	3,912,699	4,230,052	2,608,239	2,899,844	3,005,970	3,165,017	3,468,660	3,882,373
Private	1,943,898	2,205,081	2,516,417	2,735,187	2,983,021	3,244,622	2,343,636	2,626,214	2,717,197	2,854,093	3,128,389	3,514,021
Agricultural services, forestry, fisheries, and other[7]	(D)	(D)	18,385*	12,545*	17,000*	15,788*	14,756	14,201	16,274	15,688*	19,944	22,113
Agricultural services	(D)	(D)	(D)	(D)	14,273	14,505*	(D)	(D)	(D)	(D)	19,181	21,220
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	3,467*	1,342	(D)	(D)	(D)	(D)	763	893
Mining	(D)	14,814*	16,380*	(D)	(D)	(D)	7,536	8,427	10,909	5,935*	7,071	7,792
Coal mining	0	0	0	0	0	0	169	234	245	295	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,524	5,759	7,862	2,527	(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)	1,843	2,434	2,802	3,385*	3,876	4,827
Construction	184,654	214,563	241,857	260,266	298,625	369,820	130,378	159,439	185,578	235,467	282,210	330,090
Manufacturing	852,436	918,590	993,596	1,041,757	1,090,697	1,180,164	927,791	1,044,391	1,074,433	1,051,739	1,092,846	1,191,046
Nondurable goods	661,332	700,126	762,310	803,019	833,525*	903,811*	220,840	232,091	246,141	274,171	292,548	332,732*
Food and kindred products	59,122*	37,272*	39,327*	45,356*	47,760*	51,220*	45,553	46,367*	43,776*	44,055*	47,809*	54,022*
Textile mill products	(D)	119,024*	112,554*	114,486*	119,469*	108,834*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	10,823	10,951	10,314	10,042	9,775	8,994
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	17,737	19,344	21,556	24,540	24,627	27,117
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	54,763*	58,557*	64,657*	77,628*	86,284	101,725*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	35,302*	39,501*	42,902*	47,432*	56,389*	54,215*
Petroleum and coal products	0	0	0	0	0	0	5,867	817	859	1,071	(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)	(D)	0	0
Durable goods	191,104	218,464	231,286	238,738	(D)	(D)	706,951	812,300	828,292	777,568	800,298	(D)
Lumber and wood products	19,809	21,958	22,980	24,694	26,657	27,455	8,273*	10,096	11,610	14,588*	15,567*	17,678*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	2,414	88,454	93,066	93,897*	92,094	90,163	97,884
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	33,917	40,031*	37,433	43,988	45,670	55,169
Fabricated metal products	9,542*	11,392*	(D)	(D)	(D)	(D)	113,530	127,382	137,678	123,550	128,439	107,833
Machinery, except electrical	37,611*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	5,389*	5,273*	5,713	(D)	(D)	(D)	(D)	141,423*	118,321*	128,085*
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)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	22,244*	27,069*	27,313*	33,006*	33,805*	38,008*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	28,789	30,556	32,521*	29,763	26,183*	35,805*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	1,744*	1,149*	13,825*	14,191*	14,629*	15,139*	17,631*	17,248*
Transportation and public utilities	120,979	129,916	145,376	155,562	164,941	171,135	108,612	114,846	112,700	112,201	116,698	123,371
Railroad transportation	12,488	13,790	12,578	12,688	12,729	15,923	19,121	18,579	15,483	14,099	13,256	(D)
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	48,141	54,464	52,735	47,091*	54,413	58,062
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,887	11,087*	11,337*
Communication	41,655*	39,283*	45,756*	46,814*	51,292*	56,475*	29,607	28,142	28,391	28,470	30,136	(D)
Electric, gas, and sanitary services	19,975*	22,157*	25,738*	32,666*	34,193	35,310	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	86,316	98,907	108,101	115,512	120,466	129,362	263,732	314,524	263,955	284,018	307,126	331,319
Retail trade	243,381	286,145	319,191	348,198	376,458	395,707	283,707	306,642	327,698	345,248	390,415	433,342
Finance, insurance, and real estate	83,971	97,384	109,726	129,425	140,976	151,396	112,562	120,854	129,267	143,657	182,419	234,454
Banking and credit agencies	37,029*	42,952*	46,664*	(D)	(D)	65,138	37,522*	40,514*	44,038*	47,498*	66,933*	95,612*
Other finance, insurance, and real estate[9]	44,245*	51,041*	(D)	(D)	(D)	86,258	71,304*	76,744*	81,725*	91,772*	110,587*	133,575*
Services	348,749	433,085	561,074	655,672	756,898	814,277	494,562	542,890	596,383	658,572	729,660	840,494
Hotels and other lodging places	7,722*	8,115*	10,559*	9,409*	11,488*	11,083*	9,002*	9,580*	9,673*	10,033*	(D)	11,543*
Personal services	18,416	20,879	25,701	28,663	29,765	31,706	33,114	34,797	41,296	43,366	45,319	49,549
Private households	16,460	18,524	18,876	19,096	19,505	19,977	7,794	8,671	8,678	8,624	8,530	8,607
Business services	36,511	76,879	94,586	120,685	138,505	137,116	87,190	99,109	124,057	144,665	171,119	185,723
Auto repair, services, and garages	19,363	23,061	25,424	28,868	32,039	37,962	21,365	25,233	28,318	33,770	35,617	37,901
Miscellaneous repair services	5,811	7,004	6,781	7,915	8,962	10,198	10,700	11,436	10,374	12,588	12,656	46,690
Amusement and recreation services	6,759	7,763*	8,760	10,855	13,057	13,779	7,586	8,165	9,482	11,597	11,976	12,378
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,740	1,780	1,838	1,557	(D)	1,486
Health services	(D)	(D)	243,779	274,979	328,498	361,175	205,527	218,510	226,308	236,635	262,851	297,920
Legal services	(D)	(D)	29,671	33,973	40,354	46,316	25,914	29,009	31,190	34,766	38,454	42,877
Educational services	(D)	11,347*	(D)	(D)	(D)	(D)	13,849	15,865	17,305	18,457	21,698	23,741
Social services	8,748*	10,175	10,392	12,031	13,922	14,862	14,987*	15,994*	19,048*	21,159*	22,543*	24,775*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	19,553	20,361	21,125	21,018	21,837	22,986	28,836	30,211	33,512	37,223	38,975	42,649
Miscellaneous services	33,769	43,310	49,908	70,134	79,049	85,556	26,796	34,337	35,037	43,877	47,118	54,513
Government and government enterprises	772,135	815,230	833,256	872,459	929,678	985,430	264,603	273,630	288,773	310,924	340,271	368,352
Federal, civilian	171,337	174,238	206,620	204,385	218,126	232,918	46,876	49,326	51,621	56,519	63,738	70,040
Military	217,630	224,279	227,451	230,270	231,048	227,105	3,771	4,045	4,569	5,003	5,455	5,671
State and local	383,168	416,713	399,185	437,804	480,504	525,407	213,956	220,259	232,583	249,402	271,078	292,641

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Austin, TX (MSA)						Bakersfield, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,672,365**	**8,952,056**	**10,167,889**	**10,637,121**	**10,932,815**	**11,482,737**	**5,235,647**	**5,723,149**	**6,224,135**	**6,579,013**	**6,913,486**	**7,433,908**
Nonfarm personal income	7,632,825	8,924,589	10,129,137	10,599,017	10,878,741	11,429,316	4,797,905	5,273,951	5,735,683	6,046,866	6,318,331	6,879,804
Farm income[1]	39,540	27,467	38,752	38,104	54,074	53,421	437,742	449,198	488,452	532,147	595,155	554,104
Population (thousands)[2]	613.6	650.2	697.6	731.2	745.9	748.5	450.0	463.6	479.6	492.6	505.8	520.0
Per capita personal income (dollars)	**12,504**	**13,769**	**14,575**	**14,548**	**14,656**	**15,342**	**11,635**	**12,345**	**12,978**	**13,355**	**13,669**	**14,296**
Derivation of total personal income:												
Total earnings by place of work	6,116,396	7,283,184	8,338,034	8,691,389	8,839,680	9,233,877	4,052,916	4,453,988	4,844,763	5,107,597	5,356,163	5,730,300
Less: Personal contributions for social insurance[3]	320,229	381,324	456,818	484,472	490,486	530,561	210,384	233,640	265,882	283,304	296,001	335,293
Plus: Adjustment for residence	−164,909	−217,818	−276,209	−294,846	−283,283	−297,980	−141,129	−157,646	−163,537	−170,965	−165,706	−183,870
Equals: Net earnings by place of residence	5,631,258	6,684,042	7,605,007	7,912,071	8,065,911	8,405,336	3,701,403	4,062,702	4,415,344	4,653,328	4,894,456	5,211,137
Plus: Dividends, interest, and rent[5]	1,183,380	1,377,212	1,572,100	1,628,951	1,672,840	1,812,927	675,422	749,581	795,888	820,371	853,126	939,248
Plus: Transfer payments	857,727	890,802	990,782	1,096,099	1,194,064	1,264,474	858,822	910,866	1,012,903	1,105,314	1,165,904	1,283,523
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,031,375	6,030,207	6,907,695	7,155,859	7,226,752	7,546,050	3,020,301	3,305,716	3,607,429	3,756,745	3,865,962	4,202,278
Other labor income	443,687	518,385	567,734	608,534	615,340	651,734	301,718	326,790	333,184	347,503	363,194	399,297
Proprietors' income[6]	641,334	734,592	862,605	926,996	997,588	1,036,093	730,897	821,482	904,150	1,003,349	1,127,007	1,128,725
Farm	36,323	24,293	35,674	35,113	50,969	50,367	284,872	307,104	357,371	408,907	464,635	420,787
Nonfarm	605,011	710,299	826,931	891,883	946,619	985,726	446,025	514,378	546,779	594,442	662,372	707,938
Earnings by industry:												
Farm	39,540	27,467	38,752	38,104	54,074	53,421	437,742	449,198	488,452	532,147	595,155	554,104
Nonfarm	6,076,856	7,255,717	8,299,282	8,653,285	8,785,606	9,180,456	3,615,174	4,004,790	4,356,311	4,575,450	4,761,008	5,176,196
Private	4,348,189	5,392,020	6,253,616	6,519,360	6,492,436	6,739,422	2,799,985	3,111,132	3,361,063	3,504,858	3,635,304	3,950,396
Agricultural services, forestry, fisheries, and other[7]	18,781	21,728	27,593	28,267	30,482	31,556	151,782	156,439	169,255	172,944	205,310	225,457
Agricultural services	18,493	21,549	27,321	27,967	30,271	31,330	151,142	155,916	168,808	172,462	204,873	224,944
Forestry, fisheries, and other[7]	288	179	272	300	211	226	640	523	447	482	437	513
Mining	60,464	64,107	70,955	65,604	50,167	47,314	459,888	553,535	605,055	514,397	475,947	550,692
Coal mining	(L)	69	68*	74	(L)	(L)	122	165	192	131	(L)	(L)
Oil and gas extraction	46,408*	46,997*	56,182	(D)	37,976	33,777*	(D)	514,511	(D)	(D)	434,400	508,289
Metal mining	(L)	(L)	(D)	(L)	(L)	(L)	381	(D)	135	731	(D)	(D)
Nonmetallic minerals, except fuels	(D)	14,024*	14,707	(D)	12,126	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	527,555	731,547	824,958	742,647	624,001	575,198	302,896	348,022	392,455	457,449	471,658	506,847
Manufacturing	826,338	1,023,763	1,152,261	1,197,882	1,234,091	1,377,641	281,097	310,844	298,150	306,040	324,921	358,529
Nondurable goods	133,165	172,003	200,217	218,104	228,877	243,373	145,278	152,548	130,552	132,801	131,442	148,267
Food and kindred products	30,859	35,336	38,554	36,977	39,152	39,050	24,527	36,107	38,084	35,940	33,810	48,201
Textile mill products	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	3,418*	3,426	3,165	3,008	3,213	4,016	1,441	1,390	(D)	2,446	2,538	2,692
Paper and allied products	(D)	1,321	1,506	1,566*	1,550*	1,809*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	72,870	90,334	103,206	108,705	109,410	121,327	14,982	17,598	18,857	20,348	21,707	22,889
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	17,554	14,944	9,924	10,907	13,559	13,730
Petroleum and coal products	2,853	2,290	2,666	2,684	2,746	3,368	71,290	66,563	40,740	40,295	36,261	36,070
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,757*	6,041*	7,226*	6,055*	9,605*	10,263*	13,517	14,140	14,578	14,551	15,125	15,206
Leather and leather products	555	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	693,173	851,760	952,044	979,778	1,005,214	1,134,268	135,819	158,296	167,598	173,239	193,479	210,262
Lumber and wood products	32,674	39,665*	37,845	(D)	(D)	(D)	4,162	5,085	7,466	7,019	9,662	7,430
Furniture and fixtures	18,889*	20,355*	14,884*	14,556*	14,377*	10,238*	1,023	(D)	984	762	955	1,476
Primary metal industries	(D)	(D)	(D)	(D)	3,217*	(D)	5,626	8,434	(D)	(D)	(D)	(D)
Fabricated metal products	34,710*	43,476	61,419	64,895	54,363	31,836	11,669	14,022	14,709	13,599	15,206	9,089
Machinery, except electrical	284,710	335,375	370,735	381,449*	390,192*	457,196*	30,551	32,878	35,012	30,549	29,675	31,796
Electric and electronic equipment	196,152	260,028	295,498*	309,583*	343,669*	398,530*	1,457	1,146	1,964	2,043	2,137	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	2,709*	2,362*	1,668	(D)	43,962	55,376	65,027	78,396	88,232	109,952
Motor vehicles and equipment	(D)	481	(D)	(D)	(D)	(D)	2,139	2,177	2,578	2,306	2,502	2,843
Stone, clay, and glass products	(D)	(D)	56,551	52,686	45,412	41,899	32,794	35,151	32,066	33,625	40,737	42,122
Instruments and related products	50,239*	60,931*	70,337	76,470	79,813	110,433	1,702	(D)	(D)	(D)	(D)	2,852
Miscellaneous manufacturing industries	18,950	26,706	29,942	30,221	31,473	29,168*	734	808	855	911	1,232	1,478
Transportation and public utilities	236,837	275,273	322,532	347,669	359,388	363,712	261,202	280,770	304,687	312,585	321,672	317,508
Railroad transportation	9,440	(D)	7,876	(D)	4,374	4,244	35,974	39,081	37,349	35,043	33,677	32,347
Trucking and warehousing	49,372	66,159	71,003	76,992	78,770	78,969	93,628	109,339	113,712	119,617	127,199	130,153
Water transportation	260	239	324	343	421*	528	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	34,596*	42,252*	48,962	59,264*	67,134*	67,759	(D)	(D)	(D)	(D)	(D)	(D)
Communication	120,939*	129,537*	167,150	173,239	181,225	187,063	71,039	65,108	70,931	75,236	78,252	79,050
Electric, gas, and sanitary services	17,291	(D)	27,197	29,846	25,498	25,149	39,833	45,960	55,912	55,916	56,788	59,027
Wholesale trade	342,747	362,672	403,277	424,583	417,235	436,599	198,587	209,774	241,138	257,583	222,734	233,360
Retail trade	655,052	776,763	878,457	889,455	859,665	873,529	393,105	429,071	448,424	465,693	476,327	514,464
Finance, insurance, and real estate	394,325	511,254	611,733	682,278	663,464	658,762	111,813	121,486	131,577	146,285	157,757	173,207
Banking and credit agencies	135,519	168,322	204,099	223,361	225,288	211,703	55,651	59,452	61,542	65,825	72,709	74,783
Other finance, insurance, and real estate[9]	258,806	342,932	407,634	458,917	438,176	447,059	56,162	62,034	70,035	80,460	85,048	98,424
Services	1,286,090	1,624,913	1,961,840	2,140,975	2,253,943	2,375,111	639,615	701,191	770,322	871,882	978,978	1,070,332
Hotels and other lodging places	47,357	55,856	67,807	71,434	77,458	74,249	12,754	14,283	14,317	15,034	15,263	18,153
Personal services	71,885	78,412	103,403	101,029*	106,989*	105,993*	28,563	29,934	35,836	40,107	42,929	45,044
Private households	(D)	(D)	(D)	(D)	(D)	(D)	9,875	11,122	11,359	11,566	11,867	12,227
Business services	304,091	398,862	524,138	555,155	573,596	619,689	128,830	146,756	169,445	191,677	235,757	254,465
Auto repair, services, and garages	52,487	64,264	78,490	83,714	83,953	84,310	42,040	50,900	54,541	62,856	65,267	72,392
Miscellaneous repair services	20,538	25,785	26,973	27,767	31,981	33,077	33,552	39,761	36,716	40,327	43,732	45,042
Amusement and recreation services	15,553	(D)	(D)	(D)	(D)	(D)	10,557	13,859	11,734	12,734	13,911	14,761
Motion pictures	3,448*	5,260*	7,992*	10,936*	11,995*	11,508*	(D)	2,117	2,261	2,268	2,032	2,104
Health services	307,483	340,291	385,919	419,381	481,277	538,961	205,144	223,624	241,930	272,118	309,918	333,348
Legal services	124,681	154,700	186,690	217,995	238,500	273,071	26,633	30,998	36,227	44,369	48,485	57,846
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	7,409	8,110	8,414	8,240	9,207	12,251
Social services	46,958	56,491	69,177	76,385	83,254	75,205	9,887	12,442	13,599	15,289	16,756	21,179
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	76	128	155	167
Membership organizations	73,105	83,658	92,880	112,646	121,805	134,599	31,683	32,767	35,600	38,104	40,978	43,446
Miscellaneous services	171,136	288,574	340,965	366,984	342,081	309,090	91,395	84,479	98,267	117,065	122,721	137,907
Government and government enterprises	1,728,667	1,863,697	2,045,666	2,133,925	2,293,170	2,441,034	815,189	893,658	995,248	1,070,592	1,125,704	1,225,800
Federal, civilian	197,696	225,280	264,561	269,627	290,547	324,689	274,344	302,111	331,601	338,262	344,632	368,180
Military	114,701	118,915	121,128	130,957	138,042	136,944	96,302	108,515	122,388	126,782	133,914	138,171
State and local	1,416,270	1,519,502	1,659,977	1,733,341	1,864,581	1,979,401	444,543	483,032	541,259	605,548	647,158	719,449

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Baltimore, MD (MSA)						Bangor, ME (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**29,822,024**	**32,567,477**	**35,203,903**	**37,783,698**	**41,004,051**	**44,530,821**	**1,350,638**	**1,477,206**	**1,552,204**	**1,650,826**	**1,810,640**	**1,984,585**
Nonfarm personal income	29,773,724	32,475,624	35,116,164	37,694,305	40,901,441	44,425,191	1,345,608	1,467,736	1,546,145	1,644,038	1,800,957	1,975,300
Farm income[1]	48,300	91,853	87,739	89,393	102,610	105,630	5,030	9,470	6,059	6,788	9,683	9,285
Population (thousands)[2]	2,224.6	2,238.1	2,251.6	2,284.7	2,310.6	2,342.5	138.1	138.4	137.8	138.5	139.4	141.4
Per capita personal income (dollars)	**13,405**	**14,551**	**15,635**	**16,538**	**17,746**	**19,010**	**9,781**	**10,673**	**11,262**	**11,923**	**12,987**	**14,039**
Derivation of total personal income:												
Total earnings by place of work	20,811,261	22,794,176	24,647,769	26,410,074	28,724,588	31,263,908	1,017,608	1,121,947	1,180,331	1,250,970	1,383,395	1,521,147
Less: Personal contributions for social insurance[3]	1,259,218	1,387,693	1,603,951	1,704,099	1,822,105	2,059,206	55,448	61,293	67,913	69,568	76,038	86,880
Plus: Adjustment for residence	1,391,843	1,574,849	1,846,194	2,062,222	2,410,686	2,627,530	−39,683	−43,178	−45,330	−45,215	−51,311	−55,391
Equals: Net earnings by place of residence	20,943,886	22,981,332	24,890,012	26,768,197	29,313,169	31,832,232	922,477	1,017,476	1,067,088	1,136,187	1,256,046	1,378,876
Plus: Dividends, interest, and rent[5]	4,361,631	4,871,826	5,295,355	5,628,653	6,056,975	6,718,327	162,465	185,124	197,472	211,874	238,767	265,783
Plus: Transfer payments	4,516,507	4,714,319	5,018,536	5,386,848	5,633,907	5,980,262	265,696	274,606	287,644	302,765	315,827	339,926
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	17,722,662	19,374,380	20,951,915	22,420,241	24,388,555	26,566,704	829,027	907,083	960,105	1,012,073	1,114,674	1,227,527
Other labor income	1,771,409	1,852,244	1,896,853	2,003,846	2,161,943	2,351,806	100,935	107,817	108,957	113,589	125,009	137,753
Proprietors' income[6]	1,317,190	1,567,552	1,799,001	1,985,987	2,174,090	2,345,398	87,646	107,047	111,269	125,308	143,712	155,867
Farm	26,934	70,945	67,397	69,419	81,858	85,014	2,490	6,976	3,585	4,370	7,138	6,719
Nonfarm	1,290,256	1,496,607	1,731,604	1,916,568	2,092,232	2,260,384	85,156	100,071	107,684	120,938	136,574	149,148
Earnings by industry:												
Farm	48,300	91,853	87,739	89,393	102,610	105,630	5,030	9,470	6,059	6,788	9,683	9,285
Nonfarm	20,762,961	22,702,323	24,560,030	26,320,681	28,621,978	31,158,278	1,012,578	1,112,477	1,174,272	1,244,182	1,373,712	1,511,862
Private	16,007,435	17,648,183	19,291,550	20,743,738	22,715,370	24,786,193	829,832	916,879	964,653	1,019,502	1,124,905	1,235,986
Agricultural services, forestry, fisheries, and other[7]	71,996	75,379	89,273	105,364	138,671	156,471	8,854	8,178	7,451	5,656	7,260	7,742
Agricultural services	64,999	71,896	80,977	92,803	126,970	143,203	1,633	1,650	1,758	1,857	2,710	3,148
Forestry, fisheries, and other[7]	6,997	3,483	8,296	12,561	11,701	13,268	7,221	6,528	5,693	3,799	4,550	4,594
Mining	41,759	44,920	65,795	23,802	24,876	24,271	2,562	2,483	3,045	1,515	1,750	2,597
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	38,468	(D)	(D)	(D)	(D)	(D)	1,947	1,891	2,575	673	574	564
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	2,838*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,226,455	1,446,996	1,676,876	1,934,632	2,255,100	2,486,944	45,117	56,713	69,473	76,365	93,904	104,546
Manufacturing	3,815,929	4,055,598	4,208,156	4,173,349	4,268,711	4,499,647	303,008	330,809	328,950	334,696	348,088	367,745
Nondurable goods	1,290,566*	1,377,113	1,429,353	1,504,801	1,546,677	1,642,748	244,564	261,523	255,341	255,880	259,481	263,423
Food and kindred products	298,553*	320,635*	332,592*	338,860*	353,690	370,067	9,094	9,204	6,990	8,044	8,729	9,786
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	13,516	19,542	19,178	20,856	20,795	15,961
Apparel and other textile products	125,815*	138,444*	122,822*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	148,231	166,895	168,079	168,879	168,317	166,901
Printing and publishing	299,138*	322,524*	344,796*	360,952*	375,826*	399,347*	9,695	10,539	11,596	12,783	13,843	14,732
Chemicals and allied products	(D)	(D)	(D)	336,295*	359,720*	389,674*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	21,762*	24,474*	25,271*	27,358*	27,246*	31,845*	3,800	3,432	3,175	3,581	3,726	4,594
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)	0	0	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	58,062	49,594	44,089	39,440	41,670	48,878
Durable goods	2,514,132*	2,678,485	2,778,803	2,668,548	2,722,034	2,856,899	58,444	69,286	73,609	78,816	88,607	104,322
Lumber and wood products	(D)	21,777*	(D)	24,779*	30,297*	36,373	36,757	41,832	46,319	48,659	52,971	55,475
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	385	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	163,731*	164,526*	160,166*	(D)	176,226*	181,147*	1,444	1,595	1,650	855	1,088	1,291
Machinery, except electrical	(D)	(D)	(D)	(D)	268,890	332,824	10,132	10,657	12,364	13,522	15,146	21,859
Electric and electronic equipment	(D)	(D)	(D)	(D)	1,016,698*	(D)	6,118	10,596	8,028	9,199	10,006	11,206
Transportation equip. excl. motor vehicles	172,761	209,823	209,199	203,435*	256,987*	275,773*	(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)	151,014*	150,685*	132,371*	136,784*	172,274*	1,872	2,166	2,741	3,623	4,031	5,676
Instruments and related products	35,094*	(D)	33,798*	(D)	(D)	(D)	0	0	(D)	0	0	0
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	142	(D)	(D)	(D)	(D)
Transportation and public utilities	1,693,746	1,782,205	1,863,700	1,781,061	1,817,111	1,933,378	90,543	98,358	100,226	97,325	106,926	111,021
Railroad transportation	160,380	172,582	179,395	155,915	139,519	128,924*	16,064	15,973	15,292	6,516	5,450	5,014
Trucking and warehousing	299,575	315,361	329,084	357,423	379,002	413,942	26,901	32,425	31,981	35,118	42,807	47,429
Water transportation	117,594*	131,903*	129,728*	124,787*	119,157*	112,832*	(D)	(L)	(L)	(L)	(L)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,954	31,102	31,438	30,246	24,994
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,395,862	1,537,941	1,658,558	1,784,501	1,913,070	2,114,954	48,889	54,489	61,145	67,167	76,497	85,475
Retail trade	2,039,353	2,239,851	2,409,699	2,609,412	2,884,393	3,071,548	112,506	124,297	133,819	147,752	161,751	183,703
Finance, insurance, and real estate	1,343,403	1,501,372	1,710,050	1,975,137	2,232,159	2,457,236	30,503	33,154	35,836	41,128	46,189	50,967
Banking and credit agencies	465,465	507,985	587,551	667,651	742,911*	785,022*	16,479	17,268	18,368	21,179	21,881	24,109
Other finance, insurance, and real estate[9]	877,938	993,387	1,122,499	1,307,486	1,485,113*	1,638,839*	14,024	15,886	17,468	19,949	24,308	26,858
Services	4,378,932	4,963,921	5,609,443	6,356,480	7,181,279	8,041,744	187,850	208,398	224,708	247,898	282,540	322,190
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	8,169	8,533	9,014	10,186	11,257	11,879
Personal services	180,405*	201,936	232,471*	256,564*	278,434*	331,908*	7,687	8,154	10,722	11,184	12,278	14,109
Private households	86,517	96,841	97,786	98,558	100,380	103,013	2,672	2,977	2,996	2,992	3,035	3,106
Business services	789,579	934,247	1,112,674	1,304,380	1,628,100	1,839,740	12,914	15,575	15,489	18,396	22,305	27,760
Auto repair, services, and garages	161,486	(D)	(D)	(D)	(D)	(D)	7,940	9,372	10,925	11,460	13,656	15,450
Miscellaneous repair services	91,026	98,883*	(D)	115,286*	(D)	(D)	3,783	4,664	4,075	4,849	4,797	5,729
Amusement and recreation services	109,924	113,780	127,122	144,416	162,928	164,355	1,263	1,529	1,983	2,185	2,472	2,763
Motion pictures	11,985*	14,380*	(D)	(D)	(D)	(D)	624	(D)	(D)	(D)	(D)	(D)
Health services	1,485,388	1,637,077	1,791,334	1,943,366	2,252,087	2,535,368	95,720	101,785	108,543	118,899	136,904	155,799
Legal services	318,605	382,487	436,436	509,858	560,376	672,778	11,763	13,852	16,003	17,774	19,965	23,184
Educational services	273,141*	(D)	(D)	(D)	(D)	(D)	5,861	6,306	6,640	6,711	6,932	7,415
Social services	121,369	136,427	154,991	165,785	172,071	181,727	8,278	9,873	11,308	12,664	13,705	14,582
Museums, botanical, zoological gardens	1,215*	1,333*	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	173,554	180,693	180,092	198,996	208,203	227,612	7,289	8,340	8,359	8,906	9,464	10,569
Miscellaneous services	(D)	573,613	656,473	801,021	773,821	792,532	13,887	15,842	15,865	20,684	24,601	28,745
Government and government enterprises	4,755,526	5,054,140	5,268,480	5,576,943	5,906,608	6,372,085	182,746	195,598	209,619	224,680	248,807	275,876
Federal, civilian	1,879,352	1,995,754	2,003,417	1,994,012	2,053,342	2,213,645	26,765	28,129	30,324	31,471	34,714	38,315
Military	396,086	431,757	460,556	521,772	538,959	539,519	3,809	4,038	4,681	5,991	8,099	8,817
State and local	2,480,088	2,626,629	2,804,507	3,061,159	3,314,307	3,618,921	152,172	163,431	174,614	187,218	205,994	228,744

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Baton Rouge, LA (MSA)						Battle Creek, MI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**6,082,492**	**6,464,500**	**6,759,307**	**6,728,333**	**6,874,824**	**7,395,615**	**1,476,462**	**1,547,119**	**1,646,152**	**1,740,052**	**1,855,099**	**1,978,750**
Nonfarm personal income	6,067,775	6,451,307	6,746,075	6,710,033	6,858,726	7,372,909	1,477,422	1,542,375	1,641,699	1,732,307	1,846,979	1,972,738
Farm income[1]	14,717	13,193	13,232	18,300	16,098	22,706	−960	4,744	4,453	7,745	8,120	6,012
Population (thousands)[2]	532.3	537.5	542.7	543.8	538.6	536.5	137.9	136.8	136.1	137.4	138.7	139.2
Per capita personal income (dollars)	**11,428**	**12,026**	**12,455**	**12,374**	**12,765**	**13,784**	**10,704**	**11,312**	**12,093**	**12,660**	**13,370**	**14,215**
Derivation of total personal income:												
Total earnings by place of work	4,461,145	4,728,409	4,941,984	4,914,290	5,011,418	5,489,025	1,123,996	1,170,135	1,279,732	1,347,051	1,477,090	1,586,583
Less: Personal contributions for social insurance[3]	238,263	257,288	283,441	300,816	303,739	348,330	71,094	75,405	85,402	87,748	96,185	107,666
Plus: Adjustment for residence	355,461	374,588	309,726	214,018	197,515	159,830	−119,977	−113,498	−133,669	−143,543	−177,637	−193,566
Equals: Net earnings by place of residence	4,578,343	4,845,709	4,968,269	4,827,492	4,905,194	5,300,525	932,925	981,232	1,060,661	1,115,760	1,203,268	1,285,351
Plus: Dividends, interest, and rent[5]	761,477	848,105	927,570	947,936	975,397	1,046,299	224,811	249,036	258,228	271,073	282,487	309,208
Plus: Transfer payments	742,672	770,686	863,468	952,905	994,233	1,048,791	318,726	316,851	327,263	353,219	369,344	384,191
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,671,895	3,896,607	4,060,694	3,986,711	4,068,381	4,474,786	965,676	997,692	1,100,837	1,157,374	1,269,640	1,363,151
Other labor income	426,862	426,649	428,657	431,135	437,631	486,617	108,216	110,156	114,552	118,348	129,756	143,454
Proprietors' income[6]	362,388	405,153	452,633	496,444	505,406	527,622	50,104	62,287	64,343	71,329	77,694	79,978
Farm	9,675	8,333	8,445	13,565	11,126	17,720	−4,852	924	646	3,977	4,134	1,988
Nonfarm	352,713	396,820	444,188	482,879	494,280	509,902	54,956	61,363	63,697	67,352	73,560	77,990
Earnings by industry:												
Farm	14,717	13,193	13,232	18,300	16,098	22,706	−960	4,744	4,453	7,745	8,120	6,012
Nonfarm	4,446,428	4,715,216	4,928,752	4,895,990	4,995,320	5,466,319	1,124,956	1,165,391	1,275,279	1,339,306	1,468,970	1,580,571
Private	3,584,250	3,806,203	3,970,201	3,930,485	4,005,034	4,466,409	914,098	958,691	1,038,775	1,088,614	1,186,756	1,278,438
Agricultural services, forestry, fisheries, and other[7]	11,540	10,918	12,590	12,289	13,114	14,075	2,937	2,656	3,140	3,134	3,542	3,762
Agricultural services	9,442*	9,100*	10,615*	10,472*	11,256*	11,959*	2,878	2,609	3,092	3,064	3,471	3,718
Forestry, fisheries, and other[7]	1,461*	1,202*	1,406*	(D)	(D)	1,363*	59	(L)	(L)	70	71	(L)
Mining	38,222	39,944	47,234	41,536	32,039*	(D)	2,888	3,004	3,683	2,115	2,397	2,345
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	29,275*	(D)	(D)	(D)	(D)	(D)	2,146	(D)	2,840	1,127	1,156	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	5,347*	(D)	4,839*	4,375*	2,390	2,247	742	(D)	843	988	1,241	(D)
Construction	550,083	590,732	624,364	564,348	575,906	744,528	36,087	39,791	42,275	51,833	63,656	78,416
Manufacturing	815,486	813,242	810,500	791,250	774,221	842,396	448,713	465,216	506,700	511,735	544,186	582,145
Nondurable goods	723,248	715,533	710,530	690,166	676,938	732,356	278,604	285,259	319,167	332,558	362,654	394,493
Food and kindred products	41,462*	40,857*	43,647*	(D)	(D)	(D)	241,531	243,230	271,941	278,464	294,436	321,360
Textile mill products	(D)	(D)	239	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	3,226	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	23,856	25,257	25,686	27,951	25,054	26,806
Printing and publishing	38,689	38,760*	46,005*	44,869*	38,830*	39,293*	9,302	10,293	12,024	13,347	14,506	15,964
Chemicals and allied products	453,483*	439,054*	424,857*	393,411*	397,655*	435,193*	1,261	1,645	2,054	2,237	2,753	3,171
Petroleum and coal products	159,526*	164,368*	169,000*	174,336	159,574*	169,614*	152	128	(D)	262	393	435
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)	1,356	3,257	3,886	3,738	10,541	12,565
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	92,238	97,709	99,970	101,084	97,283	110,040	170,109	179,957	187,533	179,177	181,532	187,652
Lumber and wood products	6,437*	7,560*	9,090*	13,571*	9,622*	9,460*	684	765	1,116	1,169	1,036	1,197
Furniture and fixtures	296	314	339	274	307	487	624	(D)	1,321	1,075	1,691	2,028
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	23,846	35,000	34,736	34,036	37,965	41,314
Fabricated metal products	21,690	20,530	20,910	21,772	25,822	31,082	29,172	32,745	33,741	34,866	32,942	39,891
Machinery, except electrical	15,809*	18,372	19,249	18,381*	16,366*	18,436*	95,836	92,637	90,848	86,499	72,412	35,352
Electric and electronic equipment	(D)	(D)	(D)	(D)	2,822	2,715	(D)	(D)	(D)	(D)	(D)	5,226
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	1,062	1,244	1,325	(D)	(D)	(D)	2,840	14,903	46,623
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,476	1,532	(D)	(D)	(D)	8,397
Instruments and related products	2,728	3,886	4,445*	4,289*	4,385	4,713	(D)	(D)	257	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,039	3,405	3,166	3,261	3,115	2,930	5,738	7,437	9,119	4,794	5,578	5,708
Transportation and public utilities	290,061	308,810	319,621	318,987	314,629	330,096	66,232	69,853	74,141	79,588	90,832	100,596
Railroad transportation	18,667	22,356	24,528	22,669	21,628	19,543	27,545	29,176	30,182	31,656	36,268	36,300
Trucking and warehousing	63,401	74,519	73,694	73,077	75,387	84,968	10,450	12,217	11,984	12,951	13,439	14,414
Water transportation	38,742*	37,922*	38,720*	38,685*	35,248	36,683	0	0	0	0	0	0
Other transportation[8]	24,124*	24,447*	23,047*	(D)	(D)	(D)	1,620	1,656	2,287	2,453	2,854	3,197
Communication	77,007*	72,981*	74,672*	70,391*	(D)	(D)	8,056	6,786	7,096	7,159	7,348	7,294
Electric, gas, and sanitary services	55,037*	66,538	75,274	79,278	77,363	83,215	18,561	20,018	22,592	25,369	30,923	39,391
Wholesale trade	261,972	278,208	300,485	294,713	298,031	345,633	24,457	27,870	30,683	34,865	42,890	44,985
Retail trade	480,119	517,157	519,676	506,826	498,422	521,300	91,333	95,299	100,655	105,056	118,157	126,949
Finance, insurance, and real estate	259,507	281,376	302,202	312,163	317,344*	331,177*	67,522	67,743	73,161	76,311	81,411	75,962
Banking and credit agencies	(D)	122,890*	130,269*	132,176*	121,496*	119,207*	9,715	9,813	10,024	8,949	6,203	6,139
Other finance, insurance, and real estate[9]	138,494*	146,179*	155,598*	162,303*	183,580*	200,428*	57,807	57,930	63,137	67,362	75,208	69,823
Services	877,260	965,816	1,033,529	1,088,373	1,174,444	1,295,517	173,929	187,259	204,337	223,977	239,685	263,278
Hotels and other lodging places	21,637*	23,261*	20,874*	18,539*	19,187*	18,057*	1,937	1,806	3,022	3,743	4,921	5,955
Personal services	58,927	62,675	75,487	79,169	79,125	81,456	10,339	10,380	12,830	13,957	14,964	16,279
Private households	23,939	26,633	26,770	26,659	26,405	26,326	1,794	1,978	1,984	1,986	2,006	2,026
Business services	169,385	183,265	198,805	203,675	216,596	250,683	12,898	16,441	23,079	32,030	35,979	37,359
Auto repair, services, and garages	35,713	39,772	41,529	42,351	42,203	44,210	7,053	7,625	8,514	10,013	11,178	12,290
Miscellaneous repair services	36,248	38,217	32,406	28,462*	25,745*	28,552*	3,582	4,045	5,019	5,277	5,631	7,003
Amusement and recreation services	8,391*	8,570*	9,501*	9,753	10,114	12,122	2,743	2,809	3,197	4,152	4,536	4,229
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	273,020	293,271	319,374	345,928	392,846	415,676	85,347	89,843	91,121	93,194	99,488	111,851
Legal services	67,030	81,988	88,933	107,351	114,025	124,806	5,577	6,604	6,946	7,733	8,039	8,494
Educational services	13,306*	15,604	16,398	17,685*	21,027	25,419	(D)	(D)	(D)	(D)	(D)	(D)
Social services	16,074	15,653	18,311	21,411	23,166	25,177	7,965	8,495	10,884	12,425	14,030	16,578
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	40,429*	41,931*	42,681*	45,271*	47,874*	49,422*	12,530	12,809	13,569	13,722	11,684	12,540
Miscellaneous services	107,544	128,548	134,865	135,381	149,596	185,497	11,428	12,878	12,341	11,493	12,500	13,698
Government and government enterprises	862,178	909,013	958,551	965,505	990,286	999,910	210,858	206,700	236,504	250,692	282,214	302,133
Federal, civilian	50,405	56,536	62,266	61,935	66,772	73,626	100,082	111,376	110,202	113,040	137,405	147,098
Military	12,720	13,466	15,366	16,364	18,155	18,614	2,664	2,715	3,302	3,469	3,563	3,708
State and local	799,053	839,011	880,919	887,206	905,359	907,670	108,112	92,609	123,000	134,183	141,246	151,327

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Beaumont—Port Arthur, TX (MSA)						Beaver County, PA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,662,954**	**4,802,100**	**4,857,633**	**4,810,543**	**4,900,666**	**5,168,150**	**2,148,575**	**2,215,364**	**2,261,547**	**2,323,774**	**2,402,761**	**2,500,450**
Nonfarm personal income	4,657,934	4,796,307	4,852,327	4,803,981	4,893,277	5,159,965	2,144,630	2,209,271	2,255,763	2,318,237	2,396,191	2,494,210
Farm income[1]	5,020	5,793	5,306	6,562	7,389	8,185	3,945	6,093	5,784	5,537	6,570	6,240
Population (thousands)[2]	385.8	383.4	379.7	372.9	367.8	363.9	200.9	198.2	195.0	191.9	190.4	189.8
Per capita personal income (dollars)	**12,086**	**12,527**	**12,792**	**12,899**	**13,323**	**14,203**	**10,695**	**11,180**	**11,599**	**12,108**	**12,621**	**13,172**
Derivation of total personal income:												
Total earnings by place of work	3,629,579	3,660,457	3,593,745	3,474,841	3,517,207	3,717,447	1,307,421	1,370,506	1,309,325	1,285,083	1,295,985	1,269,141
Less: Personal contributions for social insurance[3]	189,304	192,678	201,335	197,376	200,110	222,184	81,381	88,280	89,229	89,869	89,168	93,180
Plus: Adjustment for residence	−98,639	−95,121	−82,151	−68,020	−62,954	−67,100	150,681	164,111	224,749	268,579	314,300	387,164
Equals: Net earnings by place of residence	3,341,636	3,372,658	3,310,259	3,209,445	3,254,143	3,428,163	1,376,721	1,446,337	1,444,845	1,463,793	1,521,117	1,563,125
Plus: Dividends, interest, and rent[5]	678,197	760,159	841,313	829,700	836,402	897,217	312,135	330,667	349,151	360,791	366,507	399,393
Plus: Transfer payments	643,121	669,283	706,061	771,398	810,121	842,770	459,719	438,360	467,551	499,190	515,137	537,932
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,897,538	2,922,392	2,867,949	2,719,916	2,758,745	2,930,136	1,052,842	1,101,657	1,054,931	1,034,340	1,035,938	1,006,556
Other labor income	471,350	442,748	399,571	382,210	378,316	395,314	153,018	152,525	135,021	127,357	124,774	119,522
Proprietors' income[6]	260,691	295,317	326,225	372,715	380,146	391,997	101,561	116,324	119,373	123,386	135,273	143,063
Farm	3,055	3,852	3,426	4,732	5,490	6,316	3,214	5,375	5,076	4,838	5,831	5,498
Nonfarm	257,636	291,465	322,799	367,983	374,656	385,681	98,347	110,949	114,297	118,548	129,442	137,565
Earnings by industry:												
Farm	5,020	5,793	5,306	6,562	7,389	8,185	3,945	6,093	5,784	5,537	6,570	6,240
Nonfarm	3,624,559	3,654,664	3,588,439	3,468,279	3,509,818	3,709,262	1,303,476	1,364,413	1,303,541	1,279,546	1,289,415	1,262,901
Private	3,246,520	3,259,058	3,170,438	3,044,319	3,071,255	3,255,083	1,185,186	1,232,401	1,164,768	1,135,050	1,139,112	1,103,360
Agricultural services, forestry, fisheries, and other[7]	14,037	13,057	15,482	17,501	12,954	14,332	2,002	2,424	2,426	2,446	3,396	3,669
Agricultural services	8,115	7,573*	7,342*	6,494*	(D)	(D)	1,826	2,131	2,181	2,254	3,331	3,604
Forestry, fisheries, and other[7]	5,922	(D)	(D)	(D)	(D)	(D)	176	293	245	192	65	65
Mining	91,760	92,797	93,319	73,154	52,515	58,683	2,315	2,554	3,671	1,933	1,721	1,525
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	311	273	294	(D)	400	305
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,711	1,859	2,896	1,118	954	894
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	293	422	481	(D)	367	326
Construction	348,516	313,984	286,803	239,283	241,998	271,703	108,300	122,186	131,146	169,816	166,030	99,228
Manufacturing	1,252,648	1,240,658	1,175,817	1,107,297	1,075,188	1,129,014	549,196	551,477	459,168	356,272	315,551	316,495
Nondurable goods	1,038,212	1,006,814	967,120	933,038	914,182	949,256	66,966	60,490	61,320	54,478	56,975	60,842
Food and kindred products	17,255*	15,955*	13,344*	9,935*	12,014*	7,500*	11,573	12,220	11,241	9,923	10,477	10,724
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	140	(D)	(D)	(D)	(D)	(D)	745	706	724	784	827	885
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	13,997*	14,673*	14,749*	14,596*	14,929*	16,084	7,322	7,616	8,483	9,222	9,548	9,955
Chemicals and allied products	372,099*	377,216*	393,772*	418,249*	433,749*	468,526*	(D)	(D)	(D)	(D)	25,175	27,613
Petroleum and coal products	597,644	558,809	505,571	445,303	404,352	404,587	7,400	7,032	5,539	4,602	4,793	4,598
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	9,978	11,231	(D)	(D)	(D)	(D)	3,356	3,904	4,750	4,269	4,767	5,558
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	0
Durable goods	214,436	233,844	208,697	174,259	161,006	179,758	482,230	490,987	397,848	301,794	258,576	255,653
Lumber and wood products	(D)	27,392	28,578	31,925	10,529*	11,409	179	171	210	224	309	400
Furniture and fixtures	1,026	1,193	1,070	1,055	869	1,177	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	38,618	(D)	(D)	(D)	(D)	340,873	361,837	275,153	179,079	142,885	146,705
Fabricated metal products	44,090*	47,936	44,652	34,794*	37,788	46,445*	35,998	27,753	25,510	26,994	24,900	25,325
Machinery, except electrical	27,738	27,952*	27,103*	20,878	21,581	19,498	7,266	5,010	4,179	4,331	4,505	6,274
Electric and electronic equipment	(D)	(D)	(D)	(D)	10,724*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	46,954	(D)	(D)	23,998	(D)	(D)	(D)	948	942	1,103	1,213	1,298
Motor vehicles and equipment	698	682	568	(D)	457	526	(D)	(D)	(D)	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	4,925*	39,558	39,794	37,341	38,814	40,252	39,270
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,450	2,873	2,166	1,779	2,212	(D)	(D)	(L)	(L)	(L)	(L)	(D)
Transportation and public utilities	358,497	350,495	334,257	326,892	324,205	324,590	152,401	166,057	167,040	185,035	195,130	191,712
Railroad transportation	38,521	42,516	(D)	(D)	(D)	30,310	32,576	34,552	35,060	35,417	35,124	36,550
Trucking and warehousing	37,670	40,145	40,091	41,504	43,817	46,423	21,678	25,673	26,267	28,904	29,589	26,449
Water transportation	93,654*	79,821*	70,172*	68,811	73,331	78,723	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	17,590*	(D)	(D)	16,720	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	63,763*	64,452	64,658	60,759	53,684*	50,100	10,257	9,267	8,421	7,849	7,593	7,514
Electric, gas, and sanitary services	102,659	107,420	(D)	(D)	(D)	(D)	79,424	86,446	88,421	101,998	111,257	108,183
Wholesale trade	145,578	144,564	140,564	140,292	130,009	144,869	21,613	24,792	28,001	29,830	32,387	36,661
Retail trade	360,829	369,455	356,635	343,968	348,554	358,195	122,078	121,350	116,191	117,135	121,683	127,620
Finance, insurance, and real estate	106,180	115,581	124,238	127,521	129,657	133,434	34,246	30,640	29,659	30,358	32,361	33,768
Banking and credit agencies	48,941*	54,001*	59,096*	60,135*	58,791*	57,209*	19,976	16,885	16,960	17,655	17,822	18,748
Other finance, insurance, and real estate[9]	51,710*	56,499*	59,589*	60,435*	65,072*	69,770*	14,270	13,755	12,699	12,703	14,539	15,020
Services	568,475	618,467	643,323	668,411	756,175	820,263	193,035	210,921	227,466	242,225	270,853	292,682
Hotels and other lodging places	10,421	11,522*	14,114*	14,966*	15,315*	8,307*	1,361	1,447	1,575	1,600	1,552	1,668
Personal services	29,413	28,863	34,343	34,870	36,778	39,052	12,926	13,330	17,204	17,864	19,256	20,838
Private households	13,606	15,295	15,573	15,771	15,897	16,059	2,248	2,479	2,474	2,466	2,480	2,508
Business services	86,998	93,823	96,634	101,675	112,830	118,761	17,993	22,464	21,060	23,963	26,667	28,329
Auto repair, services, and garages	26,845	29,472	28,775	29,233	35,099	31,027	10,101	10,739	11,646	12,546	13,234	15,125
Miscellaneous repair services	17,328	19,172	18,480	16,246	15,473	16,962	4,298	5,830	4,937	5,763	7,589	8,341
Amusement and recreation services	(D)	(D)	(D)	6,025	6,412	6,639	2,206	2,401	2,773	3,457	3,785	5,754
Motion pictures	(D)	(D)	(D)	980*	920*	870*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	253,408	265,371	269,008	277,013	325,391	353,393	90,033	97,179	105,249	108,717	122,696	129,089
Legal services	51,153	63,093	68,610	75,927	91,745	116,176	5,736	6,681	7,239	7,259	7,826	9,854
Educational services	4,907	5,743	5,566	5,951	6,751	(D)	8,074	8,242	8,767	9,033	9,837	10,356
Social services	8,198	9,021	9,498	9,661	10,597	13,486*	7,042	8,016	9,113	9,586	10,981	12,142
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	24,564	24,207	24,707	25,122	25,716	27,486	13,267	13,630	13,349	13,524	14,165	15,136
Miscellaneous services	34,845	45,072	49,750	53,618	55,803	62,697	17,547	18,114	21,782	26,090	30,398	33,051
Government and government enterprises	378,039	395,606	418,001	423,960	438,563	454,179	118,290	132,012	138,773	144,496	150,303	159,541
Federal, civilian	35,038	37,051	39,483	39,839	40,607	42,973	10,969	11,491	12,253	12,012	12,475	13,424
Military	9,642	9,345	10,101	10,663	11,960	12,500	5,699	4,862	5,138	5,508	5,607	5,852
State and local	333,359	349,210	368,417	373,458	385,996	398,606	101,622	115,659	121,382	126,976	132,221	140,265

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Bellingham, WA (MSA)						Benton Harbor, MI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,171,411**	**1,254,475**	**1,338,598**	**1,454,284**	**1,566,180**	**1,655,530**	**1,737,377**	**1,871,515**	**1,963,548**	**2,092,118**	**2,233,714**	**2,360,651**
Nonfarm personal income	1,140,946	1,221,015	1,298,981	1,404,717	1,515,305	1,614,453	1,726,733	1,858,739	1,949,152	2,077,525	2,215,097	2,348,762
Farm income[1]	30,465	33,460	39,617	49,567	50,875	41,077	10,644	12,776	14,396	14,593	18,617	11,889
Population (thousands)[2]	110.6	111.6	112.7	113.3	115.4	118.7	163.5	163.0	162.7	164.6	165.9	166.6
Per capita personal income (dollars)	**10,594**	**11,239**	**11,879**	**12,835**	**13,574**	**13,950**	**10,626**	**11,485**	**12,069**	**12,710**	**13,468**	**14,173**
Derivation of total personal income:												
Total earnings by place of work	791,452	841,934	895,326	995,589	1,074,300	1,123,450	1,162,178	1,249,643	1,318,292	1,432,156	1,543,665	1,613,818
Less: Personal contributions for social insurance[3]	43,406	45,960	52,108	58,953	64,085	71,078	72,643	79,366	88,410	93,524	101,203	111,879
Plus: Adjustment for residence	−562	−486	842	−1,200	−2,732	1,270	18,932	38,113	41,685	36,194	37,458	49,366
Equals: Net earnings by place of residence	747,484	795,488	844,060	935,436	1,007,483	1,053,642	1,108,467	1,208,390	1,271,567	1,374,826	1,479,920	1,551,305
Plus: Dividends, interest, and rent[4]	221,684	243,369	261,814	272,006	295,894	325,689	286,557	319,045	329,680	335,885	356,820	390,323
Plus: Transfer payments	202,243	215,618	232,724	246,842	262,803	276,199	342,353	344,080	362,301	381,407	396,974	419,023
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	599,559	642,027	665,193	714,336	783,108	827,811	950,940	1,024,453	1,085,599	1,179,820	1,268,807	1,331,270
Other labor income	68,244	69,646	68,326	72,260	78,106	79,305	113,705	118,510	118,073	127,784	136,899	142,952
Proprietors' income[5]	123,649	130,261	161,807	208,993	213,086	216,334	97,533	106,680	114,620	124,552	137,959	139,596
Farm	21,183	24,346	30,594	40,576	41,302	31,393	−1,116	1,268	2,767	2,956	6,175	−792
Nonfarm	102,466	105,915	131,213	168,417	171,784	184,941	98,649	105,412	111,853	121,596	131,784	140,388
Earnings by industry:												
Farm	30,465	33,460	39,617	49,567	50,875	41,077	10,644	12,776	14,396	14,593	18,617	11,889
Nonfarm	760,987	808,474	855,709	946,022	1,023,425	1,082,373	1,151,534	1,236,867	1,303,896	1,417,563	1,525,048	1,601,929
Private	644,206	677,307	713,788	798,108	864,267	910,445	1,016,277	1,099,862	1,155,862	1,252,797	1,350,134	1,415,137
Agricultural services, forestry, fisheries, and other[7]	22,387	16,364	37,837	67,836	60,601	67,454	4,006	4,292	4,444	5,009	6,531	7,006
Agricultural services	4,869	4,625	4,144	3,925	5,806	6,589	3,862	4,162	4,271	4,582	6,055	6,434
Forestry, fisheries, and other[7]	17,518	11,739	33,693	63,911	54,795	60,865	144	130	173	427	476	572
Mining	3,669	3,512	3,946	2,353	2,314	2,787	3,910	4,449	5,213	3,931	4,389	4,434
Coal mining	(L)	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	1,954	627	612	(D)	2,301	2,472	3,371	1,062	974	921
Metal mining	(D)	(D)	0	(D)	(D)	(D)	(L)	(L)	(L)	(L)	81	63
Nonmetallic minerals, except fuels	2,445	2,116	1,987	1,707	1,682	2,169	1,613	2,000	1,858	2,871	3,333	3,449
Construction	66,814	70,544	68,426	81,028	94,828	92,047	55,162	47,344	45,615	51,200	58,490	60,905
Manufacturing	201,136	211,926	212,550	214,455	226,211	230,354	500,808	549,312	561,814	607,953	634,528	662,666
Nondurable goods	108,303	109,417	115,234	119,895	126,829	128,524	86,721	90,493	97,836	105,047	130,872	143,801
Food and kindred products	18,090	19,785	22,408	22,963	26,318	28,205	10,675	12,763	14,218	16,325	20,948	24,955
Textile mill products	1,938	1,244	1,574	2,474	3,337	3,666	(D)	(D)	(D)	(D)	0	0
Apparel and other textile products	839	798	145	133	230	305	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	36,454	(D)	33,480	18,650	17,232	18,661	17,769	22,974	21,344
Printing and publishing	5,007	5,344	6,832	7,592	8,306	8,895	29,383	27,710	30,432	30,885	37,861	40,839
Chemicals and allied products	(D)	(D)	4,332	(D)	(D)	(D)	2,598	2,890	2,786	2,867	(D)	(D)
Petroleum and coal products	40,717	41,221	40,583	42,402	45,840	44,703	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)	3,042	4,938	25,377	29,862	31,643	37,042	45,694	50,532
Leather and leather products	0	0	0	(D)	(L)	(D)	0	0	0	0	0	0
Durable goods	92,833	102,509	97,316	94,560	99,382	101,830	414,087	458,819	463,978	502,906	503,656	518,865
Lumber and wood products	15,737	17,019	18,238	21,107	21,982	24,483	4,571	5,129	5,753	6,784	7,313	7,487
Furniture and fixtures	143	434	173	(D)	(D)	103	2,091	2,244	2,730	4,182	5,043	7,588
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	62,453	73,615	73,141	75,491	75,332	82,788
Fabricated metal products	3,297	3,352	2,672	2,456	2,862	3,867	30,284	34,041	33,247	34,770	37,939	37,216
Machinery, except electrical	2,201	2,795	3,027	3,010	4,222	3,836	107,921	119,059	119,831	122,470	115,952	167,815
Electric and electronic equipment	3,035	3,794	6,241	6,588	4,476	5,424	131,917	146,206	152,690	176,896	170,338	117,695
Transportation equip. excl. motor vehicles	7,778	(D)	(D)	5,595	(D)	10,515	6,368	6,822	6,395	7,350	9,276	9,133
Motor vehicles and equipment	0	0	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	7,472	8,132	5,976	2,839	3,521	2,841	1,327	1,261	1,299	1,437	1,787	2,147
Instruments and related products	(D)	(D)	864	1,431	1,787	2,156	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	702	(D)	407	523	1,136	2,068	2,770	2,943	3,200	3,419
Transportation and public utilities	46,960	51,913	51,823	53,136	57,212	56,739	69,007	76,982	84,120	89,374	91,019	93,628
Railroad transportation	4,032	4,010	3,363	3,287	3,343	3,060	(D)	4,087	4,382	4,346	4,353	4,930
Trucking and warehousing	13,617	17,840	18,816	20,387	22,623	23,965	20,561	25,413	25,582	27,277	(D)	26,266
Water transportation	4,601	4,516	3,849	3,106	3,645	3,019	622	646	313	538	711	792
Other transportation[8]	4,665	6,153	6,322	6,567	7,263	8,334	6,613	(D)	(D)	(D)	4,961	(D)
Communication	10,542	9,817	9,576	9,502	9,374	6,985	8,061	6,236	6,258	6,959	6,830	7,355
Electric, gas, and sanitary services	9,503	9,577	9,897	10,287	10,964	11,376	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	27,175	32,975	33,557	36,032	48,922	47,122	43,252	51,762	52,858	57,759	69,215	68,750
Retail trade	109,827	110,716	109,782	116,129	123,454	140,264	109,260	112,311	118,321	127,564	136,149	148,184
Finance, insurance, and real estate	25,979	28,329	27,197	31,799	34,781	37,087	36,817	39,757	44,350	48,835	56,211	61,219
Banking and credit agencies	13,906	14,804	15,521	17,486	17,949	19,408	26,125	29,887	34,454	37,594	41,180	44,925
Other finance, insurance, and real estate[9]	12,073	13,525	11,676	14,313	16,832	17,679	10,692	9,870	9,896	11,241	15,031	16,294
Services	140,259	151,028	168,670	195,340	215,944	236,591	194,055	213,653	239,127	261,172	293,602	308,345
Hotels and other lodging places	3,105	3,107	4,061	4,340	5,690	7,918	4,028	(D)	4,765	4,608	3,659	4,681
Personal services	8,702	9,366	11,355	12,036	12,683	14,232	11,918	12,237	14,499	15,575	16,500	18,066
Private households	3,057	3,418	3,464	3,487	3,555	3,660	3,839	4,248	4,261	4,258	4,296	4,340
Business services	15,389	18,169	22,740	26,886	29,926	30,939	26,637	35,483	43,354	47,691	53,184	62,902
Auto repair, services, and garages	7,243	9,118	10,021	11,139	11,774	13,014	9,942	13,489	15,626	15,987	17,849	14,660
Miscellaneous repair services	7,652	7,142	6,853	8,009	8,555	9,539	5,188	4,130	4,277	4,359	4,663	5,328
Amusement and recreation services	4,231	4,764	4,852	6,188	6,977	6,635	3,792	4,201	4,488	4,623	4,945	5,263
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	135	105	92	181
Health services	53,239	52,742	57,989	70,222	76,982	83,219	72,546	75,791	84,573	89,043	103,627	101,718
Legal services	6,571	7,737	8,559	9,856	10,457	11,500	9,173	9,834	11,471	13,020	13,797	16,561
Educational services	2,321	2,589	2,774	2,918	4,038	4,645	(D)	(D)	(D)	(D)	(D)	(D)
Social services	5,861	6,066	6,835	8,332	8,610	9,846	3,655	3,688	3,448	3,644	3,805	5,276
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)
Membership organizations	11,715	12,805	13,934	14,727	15,358	16,819	11,148	11,398	11,703	12,163	13,116	14,435
Miscellaneous services	10,361	13,266	14,408	16,564	20,753	24,066	14,897	17,355	17,862	22,731	24,839	28,096
Government and government enterprises	116,781	131,167	141,921	147,914	159,158	171,928	135,257	137,005	148,034	164,766	174,914	186,792
Federal, civilian	16,448	16,718	19,183	19,766	20,653	23,386	10,919	11,244	11,887	11,953	12,483	13,223
Military	2,831	3,087	3,311	3,589	4,034	4,245	2,067	2,091	2,422	2,803	2,990	3,139
State and local	103,502	111,362	119,427	124,559	134,471	144,297	122,271	123,670	133,725	150,010	159,441	170,430

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Bergen—Passaic, NJ (PMSA)						Billings, MT (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**21,949,973**	**24,086,455**	**25,862,126**	**27,431,719**	**29,886,025**	**32,808,277**	**1,411,374**	**1,499,012**	**1,542,081**	**1,545,789**	**1,594,263**	**1,671,499**
Nonfarm personal income	21,939,696	24,077,161	25,851,668	27,420,819	29,873,434	32,795,036	1,407,164	1,493,658	1,538,748	1,536,012	1,577,137	1,653,296
Farm income[1]	10,277	9,294	10,458	10,900	12,591	13,241	4,210	5,354	3,333	9,777	17,126	18,203
Population (thousands)[2]	1,298.3	1,300.7	1,299.5	1,300.0	1,295.1	1,292.3	116.8	119.1	120.5	119.9	118.0	116.4
Per capita personal income (dollars)	**16,907**	**18,518**	**19,901**	**21,101**	**23,077**	**25,388**	**12,085**	**12,584**	**12,798**	**12,888**	**13,507**	**14,356**
Derivation of total personal income:												
Total earnings by place of work	14,113,304	15,610,929	16,936,167	18,406,464	20,374,243	22,517,107	1,056,145	1,118,312	1,135,393	1,127,377	1,145,478	1,194,159
Less: Personal contributions for social insurance[3]	867,244	968,498	1,102,498	1,277,406	1,408,518	1,622,320	69,318	74,449	79,529	84,651	84,162	91,698
Plus: Adjustment for residence	1,862,780	1,907,195	2,012,043	2,015,859	1,995,113	2,113,816	−5,709	−10,409	−11,618	−11,760	−10,682	−10,188
Equals: Net earnings by place of residence	15,108,840	16,549,626	17,845,712	19,144,917	20,960,838	23,008,603	981,118	1,033,454	1,044,246	1,030,966	1,050,634	1,092,273
Plus: Dividends, interest, and rent[5]	4,498,075	5,151,956	5,504,745	5,664,587	6,194,617	6,829,748	248,398	271,870	288,679	283,854	298,541	320,612
Plus: Transfer payments	2,343,058	2,384,873	2,511,669	2,622,215	2,730,570	2,969,926	181,858	193,688	209,156	230,969	245,088	258,614
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	11,519,859	12,797,633	13,832,419	15,066,138	16,670,465	18,474,900	862,355	907,786	920,074	904,519	904,602	942,903
Other labor income	1,222,307	1,273,282	1,289,007	1,386,922	1,507,575	1,642,029	89,409	89,786	87,999	84,867	86,771	91,115
Proprietors' income[6]	1,371,138	1,540,014	1,814,741	1,953,404	2,196,203	2,400,178	104,381	120,740	127,320	137,991	154,105	160,141
Farm	8,225	7,276	8,570	9,128	10,825	11,559	−177	988	−844	5,872	13,178	14,426
Nonfarm	1,362,913	1,532,738	1,806,171	1,944,276	2,185,378	2,388,619	104,558	119,752	128,164	132,119	140,927	145,715
Earnings by industry:												
Farm	10,277	9,294	10,458	10,900	12,591	13,241	4,210	5,354	3,333	9,777	17,126	18,203
Nonfarm	14,103,027	15,601,635	16,925,709	18,395,564	20,361,652	22,503,866	1,051,935	1,112,958	1,132,060	1,117,600	1,128,352	1,175,956
Private	12,830,908	14,231,752	15,465,779	16,814,384	18,637,029	20,613,352	918,108	970,104	981,332	961,726	965,798	1,009,149
Agricultural services, forestry, fisheries, and other[7]	48,044	52,230	60,543	66,077	84,485	91,218	6,494	6,187	5,493	4,657	6,287	6,436
Agricultural services	47,401	51,767	59,983	65,540	83,883	90,583	6,279	6,078	5,345	4,479	6,158	6,213
Forestry, fisheries, and other[7]	643	463	560	537	602	635	215	109	148	178	129	223
Mining	43,268	48,575	68,348	24,423	26,823	24,739	29,758	36,241	31,383	25,293	17,564	18,907
Coal mining	165	157	136	161	(D)	(D)	4,687	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	39,575	(D)	(D)	18,395	17,430	16,034	20,826	27,594	23,813	19,860	11,743	12,587
Metal mining	−142	−583	−208	(L)	(D)	(D)	(D)	(L)	(L)	(L)	56	(L)
Nonmetallic minerals, except fuels	3,670	(D)	(D)	5,884	7,628	7,298	(D)	(D)	(D)	(D)	(D)	(D)
Construction	738,970	902,846	1,040,345	1,205,645	1,393,338	1,590,616	86,592	87,968	91,831	82,770	67,119	66,755
Manufacturing	4,216,393	4,461,562	4,661,793	4,836,711	5,063,570	5,391,639	105,575	99,516	95,138	97,614	97,910	98,695
Nondurable goods	2,263,105	2,432,717	2,528,948	2,585,244	2,715,381	2,931,001	81,296	74,679	72,154	75,175	75,692	79,276
Food and kindred products	327,011	321,977	336,748	351,807	362,532	366,904	27,748	23,073	18,202	22,427	24,878	24,397
Textile mill products	191,367	196,881	197,835	189,793	193,329	201,390	0	0	88	(L)	145	78
Apparel and other textile products	191,484	192,993	193,973	216,798	219,356	229,080	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	230,784	259,675	270,571	274,886	284,748	328,550	(D)	(D)	0	0	(D)	(D)
Printing and publishing	410,703	485,421	516,887	534,296	581,322	632,239	10,394	11,406	11,782	11,735	12,078	12,827
Chemicals and allied products	665,324	720,909	772,607	799,815	840,393	921,865	(D)	(D)	2,949	3,262	3,264	4,014
Petroleum and coal products	14,915	15,421*	14,753	15,814	(D)	(D)	40,241	36,734	38,438	37,052	34,625	37,250
Tobacco manufactures	434	516	460	488	(D)	(D)	(L)	(D)	(D)	(L)	(L)	(L)
Rubber and misc. plastic products	206,979	216,960	200,465	175,958	189,606	203,928	500	655	(D)	(D)	379	(D)
Leather and leather products	24,104	(D)	24,649	25,589	27,196	29,659	54	(D)	(D)	(D)	(L)	(D)
Durable goods	1,953,288	2,028,845	2,132,845	2,251,467	2,348,189	2,460,638	24,279	24,837	22,984	22,439	22,218	19,419
Lumber and wood products	(D)	24,137	27,415	27,816	26,320	29,290	5,188	3,393	2,615	2,513	2,065	(D)
Furniture and fixtures	49,632	57,495	60,658	65,405	58,476	56,756	180	318	298	246	527	999
Primary metal industries	83,069	75,261	72,987	73,164	89,075	83,933	0	(D)	(D)	(D)	0	0
Fabricated metal products	268,434	289,395	290,700	313,774	306,971	314,226	6,359	7,192	6,009	5,664	7,334	4,734
Machinery, except electrical	467,711	468,830	486,548	485,895	472,893	525,842	2,900	3,241	3,230	3,452	2,650	2,642
Electric and electronic equipment	524,339	562,897	617,762	673,069	755,025	768,493	(D)	432	(D)	64	0	0
Transportation equip. excl. motor vehicles	(D)	23,370	22,683	16,853	18,500	26,460	(D)	(D)	(D)	(D)	(D)	122
Motor vehicles and equipment	21,184*	26,665	29,738	31,866	35,461	35,332	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	51,762	50,604	59,071	61,077	62,529	66,051	5,474	5,469	4,928	5,164	4,351	3,231
Instruments and related products	319,377	343,362	363,194	391,376	406,939	429,729	(D)	(D)	(D)	(D)	(D)	121
Miscellaneous manufacturing industries	107,625	106,829	102,089	111,172	116,000	124,526	2,276	2,452	3,256	3,283	2,831	2,856
Transportation and public utilities	812,629	905,457	951,294	948,929	988,879	1,060,509	128,256	138,477	137,270	136,059	129,158	125,595
Railroad transportation	661	1,024	865	2,014	3,827	3,295	31,982	35,644	31,986	30,883	29,866	22,735
Trucking and warehousing	272,484	317,858	342,430	318,147	334,175	341,950	44,167	50,522	53,436	49,785	48,250	49,267
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	16,169	16,530	16,636	18,709	14,585	20,483
Communication	263,598	274,008	255,064	251,106	257,456	286,685	23,660	23,329	21,853	22,911	22,424	19,822
Electric, gas, and sanitary services	(D)	94,172	109,200	110,119	(D)	(D)	12,278	12,452	13,359	13,771	14,033	13,288
Wholesale trade	1,858,774	2,190,141	2,297,583	2,523,541	2,838,858	3,220,964	132,617	143,148	141,783	127,604	125,697	133,760
Retail trade	1,432,395	1,538,067	1,664,779	1,834,701	2,030,667	2,187,453	139,889	145,765	143,932	140,386	143,727	155,628
Finance, insurance, and real estate	795,204	876,739	988,088	1,146,707	1,392,320	1,627,829	54,549	57,090	61,223	63,620	67,606	71,944
Banking and credit agencies	233,195	260,408	294,656	363,333	417,878	459,244	22,476	25,109	27,450	29,274	29,388	30,176
Other finance, insurance, and real estate[9]	562,009	616,331	693,432	783,374	974,442	1,168,585	32,073	31,981	33,773	34,346	38,218	41,768
Services	2,885,231	3,256,135	3,733,006	4,227,650	4,818,089	5,418,385	234,378	255,712	273,279	283,723	310,730	331,429
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	75,010	9,691	9,332	9,516	9,238	9,951	10,059
Personal services	119,552	128,348	156,869	170,100	184,856	201,138	11,717	12,723	15,786	16,119	16,122	17,463
Private households	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,834	1,839
Business services	940,889	1,121,531	1,323,654	1,511,905	1,761,049	2,005,069	32,265	39,585	40,419	41,417	42,351	46,588
Auto repair, services, and garages	93,503	108,696	123,390	137,938	152,032	182,013	11,169	12,418	13,671	14,309	14,387	15,694
Miscellaneous repair services	54,352	68,064	72,046	81,154	86,628	94,328	6,926	8,052	7,215	7,735	8,438	9,361
Amusement and recreation services	72,480	87,649	108,588	114,279	125,649	159,285	3,702	4,710	4,958	5,983	6,857	6,971
Motion pictures	21,093	25,236	29,398	32,252	30,565	43,997	571	600	602	514	440	546
Health services	814,677	862,975	980,165	1,098,151	1,263,984	1,429,053	91,199	94,813	103,205	104,720	123,800	130,580
Legal services	154,101	185,597	208,432	236,634	262,915	293,390	17,116	20,823	23,179	26,350	29,392	30,099
Educational services	(D)	(D)	(D)	(D)	(D)	121,697	3,101	3,713	4,048	4,294	4,826	5,383
Social services	41,123	44,192	59,286	69,260	78,740	90,772	7,794	8,839	9,297	9,831	10,362	12,529
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	152	171
Membership organizations	91,394	98,834	106,463	116,105	126,125	136,604	7,416	7,800	7,994	7,934	8,371	8,993
Miscellaneous services	316,880	343,025	377,594	460,449	524,830	546,953	29,798	30,348	31,400	33,300	33,447	35,153
Government and government enterprises	1,272,119	1,369,883	1,459,930	1,581,180	1,724,623	1,890,514	133,827	142,854	150,728	155,874	162,554	166,807
Federal, civilian	147,414	156,423	162,623	169,652	181,032	196,194	42,773	45,412	48,091	48,022	52,460	56,238
Military	20,109	25,845	25,378	28,800	30,925	32,149	3,155	3,418	3,499	4,096	4,542	4,786
State and local	1,104,596	1,187,615	1,271,929	1,382,728	1,512,666	1,662,171	87,899	94,024	99,138	103,756	105,552	105,783

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Biloxi—Gulfport, MS (MSA)						Binghamton, NY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,768,457**	**1,900,925**	**1,937,590**	**2,147,143**	**2,245,111**	**2,360,656**	**3,058,043**	**3,350,944**	**3,502,652**	**3,665,015**	**3,875,724**	**4,144,358**
Nonfarm personal income	1,765,111	1,896,566	1,933,879	2,143,180	2,240,131	2,354,819	3,048,541	3,337,701	3,489,436	3,648,992	3,856,355	4,128,524
Farm income[1]	3,346	4,359	3,711	3,963	4,980	5,837	9,502	13,243	13,216	16,023	19,369	15,834
Population (thousands)[2]	195.3	197.0	201.1	206.2	206.7	205.0	262.1	261.2	262.4	261.0	259.3	260.2
Per capita personal income (dollars)	**9,054**	**9,652**	**9,634**	**10,411**	**10,862**	**11,516**	**11,669**	**12,829**	**13,350**	**14,043**	**14,944**	**15,925**
Derivation of total personal income:												
Total earnings by place of work	1,327,107	1,435,213	1,531,699	1,621,469	1,715,292	1,797,499	2,316,873	2,543,759	2,727,622	2,824,761	2,997,469	3,181,695
Less: Personal contributions for social insurance[3]	72,294	79,016	87,399	96,054	101,220	110,721	150,009	166,038	187,213	201,262	212,387	235,506
Plus: Adjustment for residence	−49,126	−50,846	−72,392	−80,786	−109,723	−114,873	−120,210	−125,822	−157,858	−158,639	−165,090	−157,441
Equals: Net earnings by place of residence	1,205,687	1,305,351	1,371,908	1,444,629	1,504,349	1,571,905	2,046,654	2,251,899	2,382,551	2,464,860	2,619,992	2,788,748
Plus: Dividends, interest, and rent[5]	214,986	237,008	170,334	281,515	297,343	323,378	480,944	542,942	547,191	586,992	616,194	676,168
Plus: Transfer payments	347,784	358,566	395,348	420,999	443,419	465,373	530,445	556,103	572,910	613,163	639,538	679,442
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,128,984	1,215,252	1,296,885	1,356,834	1,432,205	1,495,232	1,950,339	2,145,544	2,295,970	2,371,983	2,512,012	2,667,096
Other labor income	86,020	92,603	94,613	100,727	108,588	117,910	215,616	226,500	227,976	234,230	242,723	252,950
Proprietors' income[6]	112,103	127,358	140,201	163,908	174,499	184,357	150,918	171,715	203,676	218,548	242,734	261,649
Farm	2,771	3,790	3,167	3,437	4,439	5,308	5,979	9,792	9,796	12,624	15,774	12,216
Nonfarm	109,332	123,568	137,034	160,471	170,060	179,049	144,939	161,923	193,880	205,924	226,960	249,433
Earnings by industry:												
Farm	3,346	4,359	3,711	3,963	4,980	5,837	9,502	13,243	13,216	16,023	19,369	15,834
Nonfarm	1,323,761	1,430,854	1,527,988	1,617,506	1,710,312	1,791,662	2,307,371	2,530,516	2,714,406	2,808,738	2,978,100	3,165,861
Private	780,485	858,674	924,608	991,824	1,048,147	1,110,934	1,990,681	2,180,323	2,343,190	2,413,055	2,558,099	2,707,947
Agricultural services, forestry, fisheries, and other[7]	3,689	2,631	6,473	7,154	6,478	6,955	7,058	7,819	8,311	8,158	9,058	10,957
Agricultural services	1,407	1,541	(D)	1,681	2,184	2,164	6,744	7,570	8,138	8,089	8,972	10,871
Forestry, fisheries, and other[7]	2,282	1,090	4,062*	5,473	4,294	4,791	314	249	173	69	86	86
Mining	3,758	3,995	4,087	2,856	3,426	3,486	5,673	6,554	8,396	3,031	3,651	3,643
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,727	3,939	(D)	(D)	3,268	(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	(L)	54	(D)	(D)	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	64,491	76,455	81,359	96,666	88,752	81,739	117,873	137,149	158,216	168,215	173,243	192,413
Manufacturing	161,416	178,823	193,093	194,348	213,126	239,824	1,048,022	1,141,561	1,181,114	1,197,595	1,234,887	1,290,409
Nondurable goods	61,199	63,949	69,735	74,680*	81,158	77,335*	112,964	122,403	123,472	124,066	128,055	132,974
Food and kindred products	17,368	17,025	17,848*	20,347*	21,564*	21,131*	25,373*	27,920	23,817	25,233	27,887	28,882
Textile mill products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	9,964	9,146	9,568	9,383	10,476	9,602	5,432*	6,117*	6,357*	(D)	7,433*	9,911
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,379	(D)	(D)	6,380	7,725	8,630
Printing and publishing	7,134*	8,156*	9,593*	10,324*	10,075*	9,530*	28,878*	31,296*	33,378	35,557	37,170*	38,527*
Chemicals and allied products	23,524*	26,325*	28,646*	31,921*	35,250	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	801	584	491	299	182	133	6,500*	6,681*	6,755*	4,010*	1,927*	805*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	2,874*	3,720	(D)	(D)	(D)	9,432*	10,180	11,355
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	100,217	114,874	123,358	(D)	131,968	(D)	935,058	1,019,158	1,057,642	1,073,529	1,106,832	1,157,435
Lumber and wood products	5,155*	6,335*	6,216*	6,437*	6,949	5,505*	3,676	4,183	3,836	3,894	5,043	6,409
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	20,418	(D)	(D)	(D)	(D)	(D)	25,218	28,777*	20,619*	17,816*	16,227*	30,306*
Machinery, except electrical	16,635*	18,212*	19,401*	9,549*	13,326*	(D)	(D)	498,148	(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)	19,735	(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	12,752*	14,478*	14,107*	16,543*	15,121*	16,480	4,282*	4,684	4,769	5,351	(D)	(D)
Instruments and related products	406	416	535	(D)	(D)	(D)	105,214	114,952	115,786	123,446	126,790	126,547
Miscellaneous manufacturing industries	231	249*	300*	402*	460*	519*	1,169*	1,396*	1,495*	(D)	(D)	(D)
Transportation and public utilities	94,096	102,432	106,579	111,653	118,447	122,421	124,145	128,915	134,523	137,557	147,326	148,491
Railroad transportation	2,112	2,647	2,822	2,600	2,430	2,669	7,032	7,017	6,197	6,401	8,561	(D)
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	25,828	29,886	31,847	32,802	35,741	35,091
Water transportation	9,787*	11,290*	9,851*	9,623*	8,150*	9,279	(D)	(D)	(D)	(D)	(D)	(L)
Other transportation[8]	4,038*	4,211*	4,295	5,486	5,986	6,301	(D)	(D)	(D)	(D)	(D)	(D)
Communication	27,642	26,171	26,063*	25,388	24,973*	25,532	(D)	26,162*	27,200*	27,072*	26,461*	30,418*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	45,296	48,179	54,218	56,240	59,730	61,971	99,775	105,835	135,998	141,310	150,177	143,353
Retail trade	148,415	163,557	168,778	176,898	174,916	181,942	177,587	192,891	208,723	224,700	237,944	261,268
Finance, insurance, and real estate	50,495	52,941	58,942	67,332	73,467	72,995	63,883	66,962	72,500	76,419	86,164	91,892
Banking and credit agencies	24,342	26,574	29,279	33,249	34,002*	33,739*	23,180*	26,172*	25,713*	26,748*	28,787*	30,982*
Other finance, insurance, and real estate[9]	26,153	26,367	29,663	34,083	36,124*	35,608*	37,305*	37,786*	43,747*	46,555*	54,080*	57,056*
Services	208,829	229,661	251,079	278,677	309,805	339,601	346,665	392,637	435,409	456,070	515,649	565,521
Hotels and other lodging places	17,813*	18,078*	17,794*	16,980*	16,073*	15,608*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	12,458	12,487	14,593	16,194	17,061	17,986	17,892	19,098	23,572	25,785	27,087	29,050
Private households	7,006	7,803	7,322*	7,814	7,825	7,877	6,631	7,354	7,369	7,335	7,361	7,436
Business services	38,310	41,347	48,926	53,810	63,203	69,813	39,226	52,004	54,072	59,084	65,649	75,475
Auto repair, services, and garages	9,090	10,939	12,394	13,378	13,581	14,366	12,418	14,562	15,115	15,920	16,842	19,794
Miscellaneous repair services	4,127	5,204	5,042	5,451	5,589	10,461	(D)	4,728	4,694	5,458	6,086	7,380
Amusement and recreation services	(D)	4,561	5,364	5,235	(D)	(D)	5,513	5,947	6,896	7,442	8,295	8,225
Motion pictures	(D)	(D)	651	619	526*	694*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	54,794	59,483	68,056	75,117	85,896	94,809	165,805	181,298	208,476	210,211	244,918	263,715
Legal services	18,299	22,473	21,661	25,733	27,987	30,359	21,506	24,959	27,372	29,985	32,049	35,106
Educational services	5,164	5,550	6,237	(D)	(D)	(D)	3,952	4,479	4,815	4,781	5,374	5,715
Social services	4,993*	6,263	6,600	6,705	7,561	7,967	13,233	16,440	18,524	20,965	22,465	24,251
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	956*	1,003*	1,019*
Membership organizations	7,622	7,680	7,925	7,526	7,762	7,459	20,348	20,123	19,504	20,120	21,249	23,154
Miscellaneous services	22,985	26,667	27,606	36,990	40,360	43,357	27,066	31,997	35,177	39,256	46,621	53,825
Government and government enterprises	543,276	572,180	603,380	625,682	662,165	680,728	316,690	350,193	371,216	395,683	420,001	457,914
Federal, civilian	182,052	192,937	209,327	205,998	223,175	238,897	22,608	24,749	26,425	24,884	27,148	30,027
Military	255,975	264,891	268,040	284,242	294,753	282,733	3,130	3,292	3,672	3,815	4,173	4,465
State and local	105,249	114,352	126,013	135,442	144,237	159,098	290,952	322,152	341,119	366,984	388,680	423,422

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Birmingham, AL (MSA)						Bismarck, ND (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**9,609,189**	**10,412,400**	**11,166,248**	**11,909,870**	**12,751,040**	**13,664,027**	**989,384**	**1,022,006**	**1,056,249**	**1,094,348**	**1,146,841**	**1,183,246**
Nonfarm personal income	9,575,931	10,360,818	11,121,602	11,865,513	12,694,786	13,598,831	982,549	1,005,687	1,037,505	1,065,201	1,116,307	1,161,457
Farm income[1]	33,258	51,582	44,646	44,357	56,254	65,196	6,835	16,319	18,744	29,147	30,534	21,789
Population (thousands)[2]	889.9	896.1	904.5	910.9	920.4	923.4	83.8	85.2	85.7	86.4	85.7	85.8
Per capita personal income (dollars)	**10,798**	**11,619**	**12,345**	**13,075**	**13,854**	**14,798**	**11,804**	**11,989**	**12,318**	**12,666**	**13,385**	**13,797**
Derivation of total personal income:												
Total earnings by place of work	7,261,732	7,921,850	8,555,696	9,132,890	9,783,131	10,517,589	688,928	733,647	762,323	793,830	834,966	860,450
Less: Personal contributions for social insurance[3]	441,530	488,076	550,707	567,865	606,544	680,560	41,714	44,459	49,044	54,407	57,272	62,832
Plus: Adjustment for residence	−112,937	−118,573	−139,918	−128,190	−159,121	−177,364	49,038	28,523	18,636	13,524	14,582	12,944
Equals: Net earnings by place of residence	6,707,265	7,315,201	7,865,071	8,436,835	9,017,466	9,659,665	696,252	717,711	731,915	752,947	792,276	810,562
Plus: Dividends, interest, and rent[5]	1,265,448	1,405,073	1,541,552	1,612,482	1,802,821	1,964,525	169,777	170,263	177,684	180,703	183,151	196,057
Plus: Transfer payments	1,636,476	1,692,126	1,759,625	1,860,553	1,930,753	2,039,837	123,355	134,032	146,650	160,698	171,414	176,627
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,990,473	6,514,426	7,076,891	7,500,464	8,020,234	8,617,597	561,155	589,104	610,028	622,821	654,965	683,054
Other labor income	674,594	702,355	726,539	768,947	818,099	897,952	52,183	51,936	51,272	52,013	53,758	55,998
Proprietors' income[6]	596,665	705,069	752,266	863,479	944,798	1,002,040	75,590	92,607	101,023	118,996	126,243	121,398
Farm	27,681	46,104	39,237	39,044	50,700	59,656	3,857	13,405	15,806	26,191	27,353	18,548
Nonfarm	568,984	658,965	713,029	824,435	894,098	942,384	71,733	79,202	85,217	92,805	98,890	102,850
Earnings by industry:												
Farm	33,258	51,582	44,646	44,357	56,254	65,196	6,835	16,319	18,744	29,147	30,534	21,789
Nonfarm	7,228,474	7,870,268	8,511,050	9,088,533	9,726,877	10,452,393	682,093	717,328	743,579	764,683	804,432	838,661
Private	6,222,095	6,804,342	7,345,175	7,844,549	8,414,900	9,055,483	545,062	573,222	588,455	603,293	634,173	662,878
Agricultural services, forestry, fisheries, and other[7]	26,370	27,110*	28,565*	(D)	38,218	(D)	3,588	2,994	2,769	2,447	3,986	4,321
Agricultural services	21,813	23,614	25,595*	(D)	(D)	34,716*	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	4,557	4,202*	(D)	2,164*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	274,220	286,981*	311,460*	263,078	249,220	247,107*	7,653	8,055	8,534	8,216	8,683	8,872
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	12,636	11,626*	17,239*	5,087*	5,107*	(D)	(D)	809	1,230	862	1,132*	1,124*
Metal mining	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	60
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	26,869*	(D)	(D)	(D)	(D)	(D)	(D)	349
Construction	501,398	509,687	560,585	620,017	676,803	728,875	61,773	57,327	51,817	52,422	54,174	54,457
Manufacturing	1,097,635	1,248,996	1,323,801	1,352,828	1,393,070	1,531,930	46,444	46,849	47,540	48,786	51,376	56,488
Nondurable goods	312,832	352,046	370,882	405,555	433,869	458,342	28,672	28,950	29,515	30,615	31,250	33,178
Food and kindred products	100,837*	111,600*	117,163*	126,733*	130,837*	(D)	(D)	10,749	11,047	10,838	11,582	12,629
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	28,475*	(D)	(D)	33,912*	35,925*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	23,719*	(D)	(D)	25,813*	28,555*	29,502*	0	0	0	0	0	0
Printing and publishing	86,038*	108,987*	121,696*	132,926*	141,758*	154,728*	5,900	(D)	6,555	6,999	(D)	(D)
Chemicals and allied products	23,505*	25,042*	25,609*	27,735	32,101	(D)	0	(D)	0	0	0	0
Petroleum and coal products	6,193	6,882	6,877	7,250	7,057	6,632	12,093	11,886	11,651*	12,477*	11,620*	12,252*
Tobacco manufactures	257	292	281	311	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	0	0	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	67	(D)	0	0	0	0	0	0
Durable goods	784,803	896,950	952,919	947,273	959,201	1,073,588	17,772	17,899	18,025	18,171	20,126	23,310
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	2,224	(D)	(D)	(D)	709	758
Furniture and fixtures	30,021*	35,575*	38,647*	45,028*	43,239*	39,785*	(D)	(D)	(D)	(D)	0	0
Primary metal industries	295,433*	359,713*	390,635*	375,091*	381,849*	445,570*	0	0	0	0	0	0
Fabricated metal products	156,305*	154,545*	159,561*	163,866	150,972*	166,005*	(D)	974	1,131	(D)	(D)	(D)
Machinery, except electrical	69,196	82,094	91,448	96,434	94,957	105,293	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	50,343*	0	0	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)
Motor vehicles and equipment	(D)	(D)	15,101*	13,365*	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	79,677*	82,558*	90,937*	4,619	(D)	4,765	4,215	4,235	4,621
Instruments and related products	5,385*	5,897*	3,667*	3,468*	4,441*	4,883*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	402	517	599	665	623
Transportation and public utilities	932,019	980,747	957,413	902,637*	1,027,998	1,228,763	87,331	92,116	97,683	97,717	98,683	97,845
Railroad transportation	(D)	(D)	94,218	88,585	84,348	83,783	11,797	13,885	13,547	13,218	13,364	12,510
Trucking and warehousing	168,094	187,543	188,817	199,864	212,698	224,713	17,339	18,970	20,110	21,201	21,892	22,776
Water transportation	(D)	2,915	3,136	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	31,929*	31,429*	35,428*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	291,933*	267,704*	308,945*	485,547*	16,863	16,685	16,182	15,818	15,796	15,974
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	36,875	38,144	43,125	42,616	42,880	41,809
Wholesale trade	634,159	703,123	778,556	815,332	859,873	937,590	54,218	57,719	56,988	54,725	53,717	54,318
Retail trade	680,774	752,041	793,181	869,455	910,779	958,623	80,458	83,183	85,765	85,727	87,667	92,136
Finance, insurance, and real estate	519,412	564,204	633,227	715,855	774,641	805,549	32,459	34,394	35,564	37,364	39,369	39,384
Banking and credit agencies	164,072*	182,940*	216,593*	258,754*	276,024*	282,599*	12,457	13,218	13,174	13,659	13,955	13,204
Other finance, insurance, and real estate[9]	335,098*	359,982*	399,218*	438,370*	477,174*	474,895*	20,002	21,176	22,390	23,705	25,414	26,180
Services	1,556,108	1,728,005	1,954,154	2,220,038	2,484,298	2,571,690	171,138	190,585	201,795	215,889	236,518	255,057
Hotels and other lodging places	23,113*	22,802*	24,583*	29,779*	33,874*	33,089*	8,225	(D)	(D)	(D)	(D)	(D)
Personal services	63,453	69,386	79,650	88,158	95,310	106,286	9,528	10,180	12,667	13,242	13,781	14,547
Private households	34,988	38,973	39,254	39,268	39,655	40,099	(D)	(D)	(D)	(D)	(D)	(D)
Business services	221,197	262,321	380,387	462,285	523,458	410,996	11,508	13,996	14,229	15,401	16,465	18,070
Auto repair, services, and garages	63,016	71,979	78,933	86,749	85,748	90,415	4,819	5,460	6,619	7,588	7,812	8,494
Miscellaneous repair services	32,204	38,792	37,815	42,445	46,913	53,865	2,244	2,555	2,532	3,113	3,425	3,719
Amusement and recreation services	17,792*	20,804*	23,623*	20,460*	29,851	27,768	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	3,855*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	633,380	660,021	700,716	762,003	874,023	965,357	87,783	95,541	99,955	105,331	119,314	129,354
Legal services	123,992	156,384	178,277	212,652	237,503	261,258	10,145	12,648	14,448	15,997	16,995	18,129
Educational services	33,238*	38,589*	42,236*	45,835*	49,364*	52,592*	6,984	7,516	8,569	8,976	9,633	9,984
Social services	29,892*	32,841*	35,029*	39,095*	42,921*	46,708	5,312	6,361	7,497	8,424	9,723	11,104
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	296	0	0	0	0	0	0
Membership organizations	58,363	60,975	60,281	65,533	67,963	71,367	10,251	10,834	11,427	12,423	12,984	14,234
Miscellaneous services	215,370	249,033	268,090	319,494	350,805	403,643	11,104	13,159	12,052	14,046	14,966	15,674
Government and government enterprises	1,006,379	1,065,926	1,165,875	1,243,984	1,311,977	1,396,910	137,031	144,106	155,124	161,390	170,259	175,783
Federal, civilian	221,695	234,346	242,573	244,373	254,990	278,864	23,809	25,736	27,600	29,391	31,665	34,882
Military	42,913	47,444	52,551	56,853	62,317	64,707	3,559	3,874	4,156	3,767	3,625	3,726
State and local	741,771	784,136	870,751	942,758	994,670	1,053,339	109,663	114,496	123,368	128,232	134,969	137,175

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Bloomington, IN (MSA)						Bloomington—Normal, IL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**942,021**	**1,021,048**	**1,072,706**	**1,156,299**	**1,245,867**	**1,335,151**	**1,459,200**	**1,601,834**	**1,696,063**	**1,789,558**	**1,881,771**	**2,030,413**
Nonfarm personal income	942,824	1,019,759	1,072,285	1,154,484	1,244,326	1,334,574	1,475,000	1,562,264	1,635,719	1,733,080	1,844,049	2,001,115
Farm income[1]	−803	1,289	421	1,815	1,541	577	−15,800	39,570	60,344	56,478	37,722	29,298
Population (thousands)[2]	101.4	101.4	101.5	101.7	102.7	103.1	121.8	122.7	123.1	121.9	123.5	124.7
Per capita personal income (dollars)	**9,292**	**10,072**	**10,567**	**11,371**	**12,137**	**12,956**	**11,983**	**13,052**	**13,775**	**14,677**	**15,240**	**16,287**
Derivation of total personal income:												
Total earnings by place of work	730,358	788,622	839,049	915,864	1,001,462	1,076,411	1,061,667	1,185,460	1,259,780	1,334,935	1,426,221	1,542,457
Less: Personal contributions for social insurance[3]	35,573	39,011	43,682	47,922	52,113	58,913	65,096	69,616	76,928	83,990	90,446	102,487
Plus: Adjustment for residence	−28,463	−25,000	−35,798	−47,420	−60,200	−71,130	2,589	5,673	11,888	8,484	5,748	10,701
Equals: Net earnings by place of residence	666,322	724,611	759,569	820,522	889,149	946,368	999,160	1,121,517	1,194,740	1,259,429	1,341,523	1,450,671
Plus: Dividends, interest, and rent[5]	150,185	166,568	174,816	186,806	198,736	217,584	278,777	295,261	297,209	315,154	315,852	344,485
Plus: Transfer payments	125,514	129,869	138,321	148,971	157,982	171,199	181,263	185,056	204,114	214,975	224,396	235,257
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	598,623	641,101	683,571	746,233	816,591	879,390	884,166	943,360	991,662	1,051,686	1,143,897	1,247,995
Other labor income	65,170	67,796	69,317	75,187	82,162	88,669	95,088	97,323	98,506	104,099	111,622	122,034
Proprietors' income[6]	66,565	79,725	86,161	94,444	102,709	108,352	82,413	144,777	169,612	179,150	170,702	172,428
Farm	−1,131	961	120	1,534	1,260	313	−21,549	33,930	54,736	50,975	32,000	23,652
Nonfarm	67,696	78,764	86,041	92,910	101,449	108,039	103,962	110,847	114,876	128,175	138,702	148,776
Earnings by industry:												
Farm	−803	1,289	421	1,815	1,541	577	−15,800	39,570	60,344	56,478	37,722	29,298
Nonfarm	731,161	787,333	838,628	914,049	999,921	1,075,834	1,077,467	1,145,890	1,199,436	1,278,457	1,388,499	1,513,159
Private	510,248	560,730	592,495	644,769	703,835	767,747	917,077	975,462	1,022,784	1,088,936	1,187,547	1,291,430
Agricultural services, forestry, fisheries, and other[7]	2,338	2,331	2,690	2,822	4,848	4,795	9,487	10,132	10,748	10,324	20,499	23,074
Agricultural services	2,236	2,269	2,610	2,743	4,781	4,704	9,451	10,105	10,718	10,293	20,475	23,048
Forestry, fisheries, and other[7]	102	62	80	79	67	91	(L)	(L)	(L)	(L)	(L)	(L)
Mining	6,403	7,051	8,713	7,986	8,251	9,649	1,482	1,572	2,358	725	691	667
Coal mining	206	237	(D)	(D)	72	72	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,383	1,337	1,789	592	585	565	1,468	1,555	2,342	701	680	656
Metal mining	0	0	(D)	(D)	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	4,814	5,477	6,688	7,208	7,594	9,012	(L)	(L)	(L)	(L)	(L)	(L)
Construction	33,731	41,438	48,310	54,948	62,451	68,749	50,651	55,236	51,157	64,127	78,838	79,744
Manufacturing	173,880	189,502	185,808	201,858	225,987	246,388	120,629	123,182	114,118	123,881	135,719	153,877
Nondurable goods	12,494	15,296	17,669	21,281	29,909	33,006	42,609	43,748	43,687	52,682	53,655	41,583
Food and kindred products	3,048	3,186	3,327	3,456	3,110	2,482	17,301	17,177	16,209	23,291	23,023	21,946
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	0	0	0
Apparel and other textile products	(D)	(D)	812	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	6,074	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	6,380	6,967	7,756	9,056	14,687	15,444	14,477	14,665	15,234	16,156	17,666	15,684
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(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	2,089	2,608	3,049	4,566	6,961	7,188	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	161,386	174,206	168,139	180,577	196,078	213,382	78,020	79,434	70,431	71,199	82,064	112,294
Lumber and wood products	989	1,599	1,673	1,550	1,482	1,947	(D)	(D)	(D)	(D)	(D)	1,530
Furniture and fixtures	(D)	(D)	212	(D)	378	555	(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)	(D)	2,059	2,111	2,022	2,116	3,913	2,710
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	6,514	6,379	6,007	5,851	5,596	5,834
Electric and electronic equipment	110,740	116,385	109,678	118,396	126,713	130,855	64,507	66,665	59,191	59,121	62,770	66,334
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)	(D)	0	0	(D)	(D)
Stone, clay, and glass products	5,113	5,634	6,000	6,810	8,051	8,737	698	746	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	649	613	548	601	624	980
Miscellaneous manufacturing industries	1,491	1,802	(D)	2,697	2,971	3,499	1,089	1,247	1,222	1,304	1,608	1,758
Transportation and public utilities	44,533	46,279	46,916	51,365	55,751	57,326	103,231	114,372	114,650	119,283	95,358	97,431
Railroad transportation	3,264	3,458	3,131	(D)	3,077	3,320	7,267	7,205	6,315	6,372	7,003	4,262
Trucking and warehousing	13,182	15,089	14,272	15,235	17,005	17,636	22,830	25,866	24,270	26,324	28,475	31,528
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	2,586	(D)	4,075	4,269	4,303	2,828	2,763	(D)	(D)	(D)	(D)
Communication	(D)	16,310	18,237	19,304	20,338	20,627	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	8,849	(D)	(D)	11,066	11,427	(D)	(D)	28,910	36,642	9,830	10,338
Wholesale trade	25,964	30,269	31,280	32,422	31,039	34,412	62,716	64,425	62,763	65,511	68,644	69,306
Retail trade	85,346	91,452	98,279	105,174	110,954	116,499	106,445	108,135	111,864	112,812	122,667	136,847
Finance, insurance, and real estate	21,172	22,791	26,543	29,976	31,043	35,257	264,233	275,963	309,559	318,369	355,520	389,831
Banking and credit agencies	(D)	(D)	10,511	11,426	12,051	(D)	23,130	25,388	28,198	30,979	36,162	38,516
Other finance, insurance, and real estate[9]	(D)	(D)	16,032	18,550	18,992	(D)	241,103	250,575	281,361	287,390	319,358	351,315
Services	116,881	129,617	143,956	158,218	173,511	194,672	198,203	222,445	245,567	273,904	309,611	340,653
Hotels and other lodging places	4,313	4,461	4,875	5,244	5,522	6,565	4,459	(D)	(D)	(D)	(D)	(D)
Personal services	7,590	8,833	12,021	12,680	13,777	15,210	10,448	11,021	13,070	14,477	17,036	18,495
Private households	1,974	2,185	2,186	2,176	2,193	2,218	2,863	3,181	3,180	3,162	3,131	3,160
Business services	15,208	17,649	20,102	23,179	25,270	30,387	33,979	48,583	52,983	59,617	69,044	75,845
Auto repair, services, and garages	4,423	5,009	5,459	6,209	6,609	7,509	10,883	12,048	12,557	14,079	14,895	16,212
Miscellaneous repair services	2,873	3,177	2,826	3,026	3,082	3,424	3,410	3,661	2,728	3,591	3,509	3,924
Amusement and recreation services	1,682	2,114	2,413	3,798	3,652	4,698	2,775	2,713	2,797	3,219	3,707	4,340
Motion pictures	1,540	1,542	1,646	1,722	1,935	1,982	364	910	837	1,042	1,034	1,942
Health services	54,637	57,969	63,077	67,360	75,624	82,581	72,843	75,519	86,065	92,447	105,979	112,708
Legal services	3,836	4,730	5,620	6,577	7,066	7,821	10,872	12,848	15,195	15,949	14,999	20,610
Educational services	926	1,172	1,382	1,266	1,508	1,607	9,154	(D)	(D)	(D)	12,825	13,561
Social services	3,473	4,462	4,838	5,261	6,023	6,734	6,407	6,943	9,099	10,531	13,119	13,974
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Membership organizations	7,624	8,160	8,603	9,269	9,686	10,454	15,054	15,726	16,199	17,025	17,883	19,989
Miscellaneous services	6,782	8,154	8,908	10,451	11,564	13,482	14,692	15,642	17,594	24,573	27,457	30,614
Government and government enterprises	220,913	226,603	246,133	269,280	296,086	308,087	160,390	170,428	176,652	189,521	200,952	221,729
Federal, civilian	7,487	8,162	8,723	8,978	9,395	10,458	12,574	13,198	13,993	15,235	21,552	23,247
Military	3,220	3,005	3,468	4,101	4,465	4,444	1,860	1,815	2,005	2,184	2,381	2,546
State and local	210,206	215,436	233,942	256,201	282,226	293,185	145,956	155,415	160,654	172,102	177,019	195,936

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Boise City, ID (MSA)						Boston—Lawrence—Salem—Lowell—Brockton, MA (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,289,507**	**2,485,921**	**2,666,101**	**2,748,639**	**2,911,971**	**3,192,965**	**53,789,868**	**59,928,827**	**64,538,722**	**69,672,173**	**75,876,956**	**83,109,602**
Nonfarm personal income	2,271,531	2,469,282	2,648,441	2,726,608	2,888,160	3,168,558	53,684,415	59,823,574	64,447,305	69,554,867	75,802,269	83,020,673
Farm income[1]	17,976	16,639	17,660	22,031	23,811	24,407	105,453	105,253	91,417	117,306	74,687	88,929
Population (thousands)[2]	184.9	189.0	192.4	195.0	197.5	200.7	3,681.3	3,699.8	3,711.1	3,729.9	3,727.7	3,735.7
Per capita personal income (dollars)	**12,385**	**13,154**	**13,854**	**14,094**	**14,741**	**15,911**	**14,612**	**16,198**	**17,391**	**18,679**	**20,355**	**22,248**
Derivation of total personal income:												
Total earnings by place of work	1,760,768	1,939,569	2,071,959	2,120,862	2,222,430	2,463,006	42,356,951	47,737,191	52,321,367	57,038,584	62,648,463	68,741,249
Less: Personal contributions for social insurance[3]	116,316	128,989	145,562	144,127	149,455	172,561	2,366,610	2,678,421	3,072,085	3,484,327	3,744,776	4,270,188
Plus: Adjustment for residence	−1,639	−3,721	−10,179	−6,737	−3,056	−9,252	−3,113,883	−3,620,801	−4,137,847	−4,596,227	−5,262,966	−5,775,300
Equals: Net earnings by place of residence	1,642,813	1,806,859	1,916,218	1,969,998	2,069,919	2,281,193	36,876,458	41,437,969	45,111,435	48,958,030	53,640,721	58,695,761
Plus: Dividends, interest, and rent[5]	355,901	382,442	420,783	429,308	467,727	512,208	9,171,813	10,527,588	11,194,070	11,855,950	13,010,171	14,404,572
Plus: Transfer payments	290,793	296,620	329,100	349,333	374,325	399,564	7,741,597	7,963,270	8,233,217	8,858,193	9,226,064	10,009,269
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,379,668	1,510,226	1,627,483	1,659,240	1,729,657	1,931,104	35,376,334	39,911,588	43,705,747	47,580,314	52,292,844	57,492,273
Other labor income	137,179	144,605	149,537	150,883	159,470	179,641	3,648,428	3,962,455	4,119,520	4,415,325	4,780,996	5,168,678
Proprietors' income[6]	243,921	284,738	294,939	310,739	333,303	352,261	3,332,189	3,863,148	4,496,100	5,042,945	5,574,623	6,080,298
Farm	12,359	11,115	12,244	16,679	18,175	18,773	79,270	79,524	66,124	92,617	49,139	63,580
Nonfarm	231,562	273,623	282,695	294,060	315,128	333,488	3,252,919	3,783,624	4,429,976	4,950,328	5,525,484	6,016,718
Earnings by industry:												
Farm	17,976	16,639	17,660	22,031	23,811	24,407	105,453	105,253	91,417	117,306	74,687	88,929
Nonfarm	1,742,792	1,922,930	2,054,299	2,098,831	2,198,619	2,438,599	42,251,498	47,631,938	52,229,950	56,921,278	62,573,776	68,652,320
Private	1,443,820	1,599,062	1,708,242	1,739,963	1,820,624	2,029,258	36,911,745	41,930,781	46,071,580	50,294,497	55,419,309	60,829,165
Agricultural services, forestry, fisheries, and other[7]	9,983	9,753	9,328	9,551	13,221	16,201	149,857	154,046	204,175	245,326	292,104	328,618
Agricultural services	8,729	8,568	8,483	8,946	12,190	15,206	113,441	130,015	155,148	179,447	230,172	263,425
Forestry, fisheries, and other[7]	1,254	1,185	845	605	1,031	995	36,416	24,031	49,027	65,879	61,932	65,193
Mining	4,314	5,305	6,918	6,526	3,181	3,160	108,121	119,912	166,455	74,686	76,638	79,094
Coal mining	(D)	(D)	(L)	(L)	(D)	(D)	(D)	486	(D)	(D)	(D)	322
Oil and gas extraction	2,992	(D)	5,249	1,768	1,649	1,554	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	657	667	535	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)
Nonmetallic minerals, except fuels	965	1,203	1,001	4,222	564	607	15,839*	18,015*	22,632*	31,493*	35,656*	44,700*
Construction	278,369	317,961	305,377	265,801	235,856	250,482	1,952,374	2,355,837	2,721,871	3,251,229	3,805,716	4,164,260
Manufacturing	234,772	270,586	305,788	312,311	353,472	446,856	10,402,695	11,891,257	12,522,956	12,549,165	12,751,639	13,425,647
Nondurable goods	60,434	61,716	82,571	74,904	75,632	79,900	2,559,457	2,800,747	2,874,810	2,972,867	3,116,617	3,341,088
Food and kindred products	41,009	39,938	47,585	42,175	40,997	48,257	377,296	373,174	389,556	407,152	411,158	429,077
Textile mill products	65	(D)	(L)	0	(D)	(D)	156,998	161,819	169,753	162,724	152,686*	164,155*
Apparel and other textile products	(D)	213	(D)	(D)	(D)	(D)	202,961	207,727	196,782	183,618	182,134	188,197
Paper and allied products	1,236	1,661	(D)	(D)	(D)	(D)	271,060	295,725	280,316	267,968*	268,949	268,771*
Printing and publishing	14,707	17,100	24,455	22,150	23,034	23,349	737,188	873,314	957,796	1,041,582	1,150,935	1,238,255
Chemicals and allied products	(D)	(D)	434	741	425	438	307,710	368,796	383,098	400,972	426,129	496,549
Petroleum and coal products	0	0	0	0	0	0	39,599	42,182	41,355	43,633*	47,458*	55,621*
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	116	132	99	120	142	258
Rubber and misc. plastic products	1,600	1,770	5,604	5,466	6,103	2,122	277,674	293,959	290,216	314,164	320,230	312,009
Leather and leather products	745	841	1,297	1,907	2,253	2,690	188,855	183,919	165,839	146,849	149,766	160,359
Durable goods	174,338	208,870	223,217	237,407	277,840	366,956	7,843,238	9,090,510	9,648,146	9,576,298	9,635,022	10,084,559
Lumber and wood products	54,921	63,057	73,450	75,841	87,883	102,443	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	521	738	853	652	804	948	56,672	66,264	72,829	81,594	90,156	86,940
Primary metal industries	144	267	171	189	209	297	(D)	(D)	(D)	(D)	183,267	178,749
Fabricated metal products	6,581	7,696	7,950	8,439	9,998	11,640	587,849	629,756	654,018	656,939	668,764	710,643
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	1,996,989	2,326,540	2,482,300	2,377,066	2,762,400	2,959,887
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,379,294	2,823,985	3,066,105	3,059,918	2,597,535	2,744,706
Transportation equip. excl. motor vehicles	1,298	1,324	1,579	1,743	5,540	12,834	857,515*	(D)	(D)	1,145,463*	1,177,645*	1,127,452*
Motor vehicles and equipment	908	929	4,385	5,175	5,923	7,603	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,476	2,356	2,578	2,991	2,888	3,085	84,003	96,902	109,106	109,776	120,574	129,380
Instruments and related products	845	1,228	1,569	1,410	1,540	1,404	1,369,939	1,514,544	1,497,480	1,552,000	1,639,660	1,747,976
Miscellaneous manufacturing industries	3,036	3,348	4,261	4,805	5,561	5,913	135,421	147,291	141,329	134,860	136,687	161,631
Transportation and public utilities	144,936	147,882	165,374	163,783	165,725	173,385	2,679,573	2,819,408	2,940,987	2,955,249	3,226,133	3,421,533
Railroad transportation	1,312	1,357	1,208	(D)	707	(D)	89,349	111,992	96,784	85,843*	89,249*	89,578
Trucking and warehousing	43,480	46,711	53,881	54,376	50,924	53,198	(D)	535,794	551,073	580,584	630,556	651,210
Water transportation	(D)	(D)	(D)	(L)	(D)	(L)	36,205	42,284	49,248	55,617	60,121	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	558,909	616,064	684,085	668,245*	(D)	(D)
Communication	42,769	38,180	43,138	40,736	45,800	45,668	(D)	1,041,774	1,058,980	979,216	1,094,722	1,136,636
Electric, gas, and sanitary services	40,929	42,529	45,148	45,541	44,806	47,552	396,922	471,500	500,817	516,002	564,089	636,318
Wholesale trade	116,390	125,128	138,562	140,124	149,537	160,778	2,772,809	3,260,866	3,577,561	3,913,820	4,576,351	5,176,464
Retail trade	199,555	221,854	227,391	229,261	241,063	271,912	3,863,189	4,298,989	4,754,854	5,266,109	5,715,278	6,167,023
Finance, insurance, and real estate	127,624	140,643	147,618	164,612	171,940	172,737	3,203,620	3,536,796	3,997,055	4,725,717	5,630,874	6,386,036
Banking and credit agencies	55,471	61,686	57,906	62,157	60,133	(D)	(D)	(D)	(D)	1,493,561	1,715,777	1,944,090
Other finance, insurance, and real estate[9]	72,153	78,957	89,712	102,455	111,807	(D)	(D)	2,197,428*	(D)	3,232,156	3,915,097	4,441,946
Services	327,877	359,950	401,886	447,994	486,629	533,747	11,779,507	13,493,670	15,185,666	17,313,196	19,344,576	21,680,490
Hotels and other lodging places	10,393	8,539	8,034	8,232	9,278	9,362	219,861	259,407	301,624	338,395	393,756	422,846
Personal services	17,834	19,234	21,941	24,613	26,001	27,850	337,815	375,154	456,361	501,529	551,996	603,608
Private households	3,842	4,309	(D)	(D)	(D)	(D)	91,744	102,134	102,664	102,124	102,673	103,917
Business services	51,355	59,940	70,146	73,432	77,811	(D)	2,812,881	3,446,378	4,123,959	4,853,906	5,485,894	6,130,722
Auto repair, services, and garages	16,257	19,361	21,414	22,343	22,151	24,202	316,259	373,848	428,941	479,129	511,384	568,855
Miscellaneous repair services	8,061	10,983	10,564	12,484	11,759	13,279	168,342	182,395	184,150	216,117	231,411	264,987
Amusement and recreation services	5,389	6,351	7,076	7,913	8,496	8,809	159,644	188,090	219,966	248,153	285,966	315,283
Motion pictures	1,206	1,171	(D)	(D)	(D)	(D)	43,423	54,156	57,932*	71,507*	86,308	96,849
Health services	120,233	126,274	139,324	149,972	176,480	192,274	3,418,999	3,708,369	4,030,124	4,372,582	4,856,063	5,459,519
Legal services	29,224	34,558	39,298	45,366	46,925	50,084	805,839	981,277	1,117,129	1,337,671	1,503,849	1,688,340
Educational services	3,658	4,736	5,374	5,601	6,273	6,675	1,322,275	1,462,195	1,573,650	1,764,711	1,928,731	2,080,863
Social services	(D)	8,523	9,279	10,211	12,021	14,585	304,889	339,181	392,937	451,186	534,465	636,703
Museums, botanical, zoological gardens	(D)	0	(D)	(D)	(D)	(D)	21,614*	24,740*	29,030*	32,428*	38,459*	44,886*
Membership organizations	17,682	17,854	18,272	19,614	20,397	22,448	279,537*	312,110*	316,590*	352,456*	386,947*	433,346*
Miscellaneous services	34,887	38,117	45,624	62,577	63,626	67,409	1,454,110	1,659,389	1,819,909	2,156,076	2,413,362	2,791,210
Government and government enterprises	298,972	323,868	346,057	358,868	377,995	409,341	5,339,753	5,701,157	6,158,370	6,626,781	7,154,467	7,823,155
Federal, civilian	93,696	102,728	109,319	111,197	116,008	127,696	1,148,468	1,221,774	1,283,180	1,299,465	1,372,261	1,498,609
Military	5,217	5,961	6,357	7,564	7,913	8,004	306,403	322,178	330,023	356,003	373,609	390,371
State and local	200,059	215,179	230,381	240,107	254,074	273,641	3,884,882	4,157,205	4,545,167	4,971,313	5,408,597	5,934,175

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Boulder—Longmont, CO (PMSA)						Bradenton, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,970,702**	**3,281,619**	**3,479,232**	**3,667,209**	**3,919,748**	**4,143,598**	**2,153,651**	**2,323,894**	**2,527,996**	**2,718,536**	**2,931,108**	**3,181,945**
Nonfarm personal income	2,953,311	3,261,984	3,462,106	3,647,207	3,900,021	4,122,182	2,025,383	2,225,441	2,428,538	2,614,388	2,833,642	3,080,234
Farm income[1]	17,391	19,635	17,126	20,002	19,727	21,416	128,268	98,453	99,458	104,148	97,466	101,711
Population (thousands)[2]	205.3	209.8	212.6	214.5	216.4	217.9	165.5	169.6	174.6	178.7	182.8	186.9
Per capita personal income (dollars)	**14,467**	**15,638**	**16,362**	**17,098**	**18,112**	**19,016**	**13,015**	**13,705**	**14,477**	**15,210**	**16,038**	**17,023**
Derivation of total personal income:												
Total earnings by place of work	2,109,481	2,410,721	2,473,371	2,589,903	2,803,644	2,997,523	1,005,587	1,098,064	1,166,473	1,281,571	1,415,613	1,532,738
Less: Personal contributions for social insurance[3]	111,589	128,356	138,553	148,899	159,909	177,624	49,642	57,915	65,258	72,070	81,465	94,344
Plus: Adjustment for residence	240,663	198,340	285,325	307,807	275,779	247,381	84,550	92,133	109,101	110,839	121,423	135,377
Equals: Net earnings by place of residence	2,238,555	2,480,705	2,620,143	2,748,811	2,919,514	3,067,280	1,040,495	1,132,282	1,210,316	1,320,340	1,455,571	1,573,771
Plus: Dividends, interest, and rent[5]	484,611	547,125	581,297	613,934	666,748	720,562	676,649	746,306	825,185	877,105	923,752	1,028,178
Plus: Transfer payments	247,536	253,789	277,792	304,464	333,486	355,756	436,507	445,306	492,495	521,091	551,785	579,996
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,730,824	1,985,880	2,029,859	2,112,559	2,283,560	2,448,584	720,293	823,304	872,868	957,926	1,068,395	1,159,314
Other labor income	175,332	194,268	186,876	192,201	212,429	227,284	73,336	81,289	82,504	91,271	103,143	111,296
Proprietors' income[6]	203,325	230,573	256,636	285,143	307,655	321,655	211,958	193,471	211,101	232,374	244,075	262,128
Farm	12,562	14,886	12,427	15,360	14,799	16,450	112,111	82,605	83,744	88,499	80,917	85,014
Nonfarm	190,763	215,687	244,209	269,783	292,856	305,205	99,847	110,866	127,357	143,875	163,158	177,114
Earnings by industry:												
Farm	17,391	19,635	17,126	20,002	19,727	21,416	128,268	98,453	99,458	104,148	97,466	101,711
Nonfarm	2,092,090	2,391,086	2,456,245	2,569,901	2,783,917	2,976,107	877,319	999,611	1,067,015	1,177,423	1,318,147	1,431,027
Private	1,748,929	2,020,213	2,050,340	2,134,720	2,314,670	2,474,694	745,156	858,492	915,321	1,008,221	1,149,265	1,245,769
Agricultural services, forestry, fisheries, and other[7]	9,923	10,891	11,813	11,967	13,734	13,758	17,430	18,161	19,965	23,565	27,762	32,318
Agricultural services	8,909	10,084	10,893	11,065	13,023	13,052	16,872	17,962	18,871	22,019	26,604	30,988
Forestry, fisheries, and other[7]	1,014	807	920	902	711	706	558	199	1,094	1,546	1,158	1,330
Mining	21,530	19,034	22,014	18,368	21,952	21,075	10,319	11,036	14,808	7,017	4,311	3,089
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	18,879	17,987	20,100	14,968	12,640	12,933	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	690	−1,458	−549	267	5,754	4,585	0	0	0	0	0	0
Nonmetallic minerals, except fuels	1,925	2,471	2,434	3,099	3,543	3,510	(D)	(D)	(D)	(D)	(D)	(D)
Construction	137,298	165,316	161,560	157,731	154,394	158,233	76,919	94,925	98,954	103,864	102,193	101,176
Manufacturing	798,950	924,298	868,219	889,086	989,435	1,043,327	153,397	181,713	183,677	204,661	248,212	268,270
Nondurable goods	92,566	101,709	107,698	112,990	120,251	133,905	55,882	63,863	57,153	62,189	83,164	95,609
Food and kindred products	23,138	23,199	24,242	25,502	26,059	28,381	(D)	(D)	(D)	(D)	58,183	(D)
Textile mill products	(D)	(D)	(D)	(D)	1,245	1,442	0	0	0	0	0	0
Apparel and other textile products	2,808	3,666	5,928	7,226	10,418	12,635	662	1,045	1,028	1,054	2,164	3,113
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	31,469	34,634	35,419	37,394	38,232	41,810	8,256	9,357	10,432	10,763	12,221	12,689
Chemicals and allied products	14,895	16,839	18,513	19,965	21,982	23,845	1,821	5,684	2,488	2,426	3,071	7,582
Petroleum and coal products	278	522	293	246	234	271	(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	9,507	11,454	13,219	12,651	15,282	18,216	3,720	4,365	4,573	4,272	4,494	4,844
Leather and leather products	809	(D)	(D)	(D)	(D)	(D)	0	0	0	198	635	(D)
Durable goods	706,384	822,589	760,521	776,096	869,184	909,422	97,515	117,850	126,524	142,472	165,048	172,661
Lumber and wood products	8,022	10,084	10,374	5,943	4,862	(D)	8,225	6,913	4,705	4,777	5,426	4,537
Furniture and fixtures	5,372	6,317	4,316	3,212	3,486	4,297	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	3,478	4,300	3,916	3,812	3,357	3,277	(D)	(D)	(D)	543	(D)	(D)
Fabricated metal products	15,328	15,483	15,998	14,074	15,534	19,282	6,000	7,049	7,348	8,493	8,520	8,541
Machinery, except electrical	(D)	332,476	234,350	247,394	573,455	604,264	3,252	4,970	5,581	10,545	12,170	18,283
Electric and electronic equipment	55,071	68,822	146,592	151,047	170,603	182,165	8,969	13,201	22,113	32,013	30,312	29,118
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	367	28,986	38,781	43,372	48,803	60,718	63,278
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	9,774	18,157	19,460	18,607	16,659	17,443	16,836	16,499	15,517	15,690	23,325	23,771
Instruments and related products	293,728	330,715	(D)	(D)	50,295	42,215	6,196	8,339	8,298	9,827	8,126	7,829
Miscellaneous manufacturing industries	13,903	19,388	18,195	21,484	19,210	20,207	522	598	519	534	845	1,059
Transportation and public utilities	67,750	71,221	74,207	71,888	73,093	73,544	48,820	51,528	50,669	52,709	55,274	57,704
Railroad transportation	1,204	1,027	738	574	473	638	1,075	1,021	887	902	936	675
Trucking and warehousing	20,516	24,539	30,238	29,681	26,957	27,727	10,381	13,133	11,685	14,197	13,020	15,529
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	3,618	2,841	3,134	3,259	3,167	2,545
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,527	2,085	2,235	2,533	2,964	2,789
Communication	25,723	25,455	22,752	20,843	22,034	17,473	17,180	17,108	15,832	13,558	15,937	15,264
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	14,039	15,340	16,896	18,260	19,250	20,902
Wholesale trade	49,983	59,720	67,489	70,893	72,877	90,223	27,513	31,770	38,676	38,886	44,210	48,694
Retail trade	201,674	226,927	238,427	255,441	267,188	269,860	151,169	165,862	177,662	198,006	210,320	221,673
Finance, insurance, and real estate	62,291	74,831	83,055	97,808	104,404	103,645	52,968	56,149	56,297	57,786	68,493	71,781
Banking and credit agencies	26,394	30,852	32,700	37,167	38,697	40,304	25,910	27,345	28,818	30,547	30,497	31,417
Other finance, insurance, and real estate[9]	35,897	43,979	50,355	60,641	65,707	63,341	27,058	28,804	27,479	27,239	37,996	40,364
Services	399,530	467,975	523,556	561,538	617,593	701,029	206,621	247,348	274,613	321,727	388,490	441,064
Hotels and other lodging places	10,523	10,413	9,786	8,333	10,518	10,509	7,276	7,340	6,709	8,083	8,815	10,435
Personal services	22,673	24,858	33,735	34,210	36,203	38,559	10,774	12,162	14,707	16,016	16,551	16,378
Private households	3,593	4,023	4,079	4,094	4,136	4,175	5,459	6,210	6,393	6,525	6,722	6,945
Business services	97,652	124,130	145,964	154,624	171,409	207,408	23,214	33,118	40,287	46,220	53,431	67,150
Auto repair, services, and garages	14,306	17,296	19,881	24,047	24,307	25,748	10,128	12,361	12,221	13,588	14,529	16,283
Miscellaneous repair services	7,554	8,572	7,992	9,845	11,426	10,693	5,079	6,064	5,980	5,607	6,704	7,378
Amusement and recreation services	5,485	6,881	8,424	9,082	10,527	12,408	5,548	6,972	7,978	8,787	9,757	10,871
Motion pictures	1,034	1,626	1,807	1,878	1,830	1,951	500	564	669	636	(D)	(D)
Health services	108,812	119,222	133,809	143,494	168,202	183,205	84,621	95,492	105,000	117,975	160,378	177,471
Legal services	23,127	29,418	32,219	37,378	36,439	39,309	10,283	13,059	15,044	18,429	20,319	24,160
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,763	2,034	2,073	1,851	2,127	2,471
Social services	8,743	9,663	11,881	13,487	14,514	17,173	3,813	4,313	5,043	5,670	8,156	10,398
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Membership organizations	15,531	17,363	18,155	19,249	20,688	22,463	10,027	11,720	12,158	13,573	14,729	16,363
Miscellaneous services	73,381	85,053	87,106	92,925	96,869	114,252	28,136	35,939	40,351	58,767	65,503	73,976
Government and government enterprises	343,161	370,873	405,905	435,181	469,247	501,413	132,163	141,119	151,694	169,202	168,882	185,258
Federal, civilian	83,314	80,281	85,637	86,659	90,300	97,621	11,425	12,697	13,862	14,433	15,662	17,121
Military	6,852	6,928	7,510	8,547	8,552	8,781	2,327	2,521	2,755	2,983	2,993	3,160
State and local	252,995	283,664	312,758	339,975	370,395	395,011	118,411	125,901	135,077	151,786	150,227	164,977

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Brazoria, TX (PMSA)						Bremerton, WA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,310,936**	**2,484,850**	**2,583,625**	**2,659,700**	**2,679,986**	**2,886,824**	**1,987,593**	**2,099,362**	**2,232,223**	**2,318,280**	**2,694,177**	**2,724,901**
Nonfarm personal income	2,300,610	2,467,120	2,564,398	2,643,531	2,664,540	2,869,545	1,984,742	2,096,458	2,229,154	2,314,925	2,490,318	2,721,062
Farm income[1]	10,326	17,730	19,227	16,169	15,446	17,279	2,851	2,904	3,069	3,355	3,859	3,839
Population (thousands)[2]	183.7	185.7	187.1	186.2	183.9	184.6	162.9	164.7	167.0	168.3	174.4	180.9
Per capita personal income (dollars)	**12,581**	**13,378**	**13,810**	**14,287**	**14,577**	**15,642**	**12,203**	**12,750**	**13,370**	**13,777**	**14,301**	**15,067**
Derivation of total personal income:												
Total earnings by place of work	1,522,644	1,631,260	1,672,669	1,717,009	1,730,277	1,900,416	1,341,033	1,395,340	1,440,385	1,449,000	1,594,877	1,757,995
Less: Personal contributions for social insurance[3]	79,851	85,520	92,659	96,180	96,864	110,904	76,617	79,676	83,537	85,582	93,073	104,171
Plus: Adjustment for residence	436,528	464,806	477,242	469,659	451,915	468,041	94,417	109,707	129,315	167,179	158,304	182,618
Equals: Net earnings by place of residence	1,879,321	2,010,546	2,057,252	2,090,488	2,085,328	2,257,553	1,358,833	1,425,371	1,486,163	1,530,597	1,660,108	1,836,442
Plus: Dividends, interest, and rent[5]	242,533	277,560	308,660	321,704	330,629	356,374	275,474	300,976	332,789	356,044	372,954	411,314
Plus: Transfer payments	189,082	196,744	217,713	247,508	264,029	272,897	353,286	373,015	413,271	431,639	461,115	477,145
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,251,367	1,339,579	1,366,397	1,365,174	1,387,780	1,536,265	1,188,257	1,227,082	1,255,028	1,250,854	1,373,170	1,513,568
Other labor income	170,616	171,024	162,190	169,198	171,460	190,747	65,049	69,161	69,022	67,390	78,636	91,674
Proprietors' income[6]	100,661	120,657	144,082	182,637	171,037	173,404	87,727	99,097	116,335	130,756	143,071	152,753
Farm	6,702	14,163	15,728	12,723	11,810	13,655	2,594	2,648	2,830	3,123	3,621	3,605
Nonfarm	93,959	106,494	128,354	169,914	159,227	159,749	85,133	96,449	113,505	127,633	139,450	149,148
Earnings by industry:												
Farm	10,326	17,730	19,227	16,169	15,446	17,279	2,851	2,904	3,069	3,355	3,859	3,839
Nonfarm	1,512,318	1,613,530	1,653,442	1,700,840	1,714,831	1,883,137	1,338,182	1,392,436	1,437,316	1,445,645	1,591,018	1,754,156
Private	1,341,877	1,423,049	1,441,012	1,478,370	1,480,405	1,641,053	495,457	540,818	570,181	604,815	661,873	716,039
Agricultural services, forestry, fisheries, and other[7]	6,341	5,221	5,990	5,711	5,873	6,269	7,625	6,150	10,486	17,978	17,977	20,398
Agricultural services	4,753	4,670	4,405	3,969	4,677	5,038	4,056	3,858	3,605	3,678	5,972	7,061
Forestry, fisheries, and other[7]	1,588	551	1,585	1,742	1,196	1,231	3,569	2,292	6,881	14,300	12,005	13,337
Mining	69,576	76,195	66,790	62,504	72,692	71,858	3,382	3,540	3,922	2,536	2,421	2,099
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	68,137	74,185	65,476	60,608	71,000	68,324	1,666	1,746	2,850	934	834	811
Metal mining	0	0	0	0	0	0	(D)	(D)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	1,434	2,002	1,305	1,887	1,688	3,530	(D)	(D)	1,032	1,574	1,559	1,263
Construction	195,679	206,109	194,314	172,147	177,994	211,138	55,264	65,620	64,151	76,163	85,908	85,227
Manufacturing	629,495	655,364	681,361	746,579	722,166	819,353	43,137	44,525	42,620	42,762	41,875	43,816
Nondurable goods	514,077	527,140	558,057	616,204	610,087	679,638	8,210	8,404	8,703	9,901	10,782	11,681
Food and kindred products	3,192	3,557	3,651	3,258	3,155	(D)	(D)	978	1,020	1,144	1,222	1,149
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	(D)	0	0	0	0	0	0	0	0	(D)
Printing and publishing	4,276	4,499	4,966	5,559	6,078	4,987	5,783	6,287	6,377	6,753	7,114	6,890
Chemicals and allied products	434,491	448,911	483,369	543,259	535,183	589,217	0	0	0	0	0	0
Petroleum and coal products	70,608	68,587	64,256	62,235	63,640	68,111	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)	1,893	(D)	2,750	481	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	(D)	0	0	0	0	0	0	0	0	0	0
Durable goods	115,418	128,224	123,304	130,375	112,079	139,715	34,927	36,121	33,917	32,861	31,093	32,135
Lumber and wood products	3,146	5,375	(D)	2,127	726	736	(D)	10,319	(D)	10,048	8,500	8,984
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	34,446	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Fabricated metal products	12,032	12,267	12,835	11,523	12,243	16,203	1,461	(D)	1,591	1,838	1,971	1,847
Machinery, except electrical	18,298	23,331	21,848	18,359	18,873	18,190	(D)	627	(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	1,848	2,073	1,873	1,428	1,211	1,632	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	0	(D)	0	0	(D)	(D)	(D)	(D)	0	(D)
Stone, clay, and glass products	4,737	5,530	4,849	4,621	4,557	3,844	2,933	3,629	3,534	3,321	3,256	3,087
Instruments and related products	6,905	5,760	7,104	7,700	7,042	7,620	(D)	(D)	(D)	436	553	860
Miscellaneous manufacturing industries	65	(L)	(L)	(L)	(L)	(D)	3,397	3,605	2,251	1,694	(D)	888
Transportation and public utilities	73,104	75,400	70,928	77,489	78,754	85,083	31,123	29,622	29,914	31,945	34,621	37,895
Railroad transportation	11,013	11,548	10,871	10,429	10,591	8,660	(L)	(L)	(L)	(L)	(L)	(D)
Trucking and warehousing	17,077	18,168	17,386	20,440	22,294	26,695	5,819	6,745	6,660	7,719	8,399	9,887
Water transportation	4,402	5,610	5,679	6,737	7,832	7,394	2,468	2,465	2,723	3,652	4,148	4,008
Other transportation[8]	6,723	5,784	4,707	4,467	4,584	9,697	2,034	1,787	1,795	2,325	2,689	(D)
Communication	17,149	17,023	13,684	16,052	14,696	13,761	11,108	8,836	8,337	7,740	9,083	8,854
Electric, gas, and sanitary services	16,740	17,267	18,601	19,364	18,757	18,876	9,659	9,752	10,362	10,471	10,261	11,140
Wholesale trade	36,283	40,322	41,267	42,670	41,419	44,250	12,594	15,346	15,871	15,587	16,885	21,280
Retail trade	118,309	125,204	128,951	128,162	128,163	132,068	105,716	113,698	120,091	121,228	130,341	145,386
Finance, insurance, and real estate	39,301	45,151	48,979	47,054	45,154	43,365	31,804	34,888	32,518	36,164	40,300	39,879
Banking and credit agencies	23,632	26,188	28,664	25,908	24,617	22,093	13,578	15,125	16,370	19,114	19,194	19,281
Other finance, insurance, and real estate[9]	15,669	18,963	20,315	21,146	20,537	21,272	18,226	19,763	16,148	17,050	21,106	20,598
Services	173,789	194,083	202,432	196,054	208,190	227,669	204,812	227,429	250,608	260,452	291,545	320,059
Hotels and other lodging places	3,357	3,404	2,283	1,518	1,958	2,329	2,020	2,407	3,733	1,767	3,418	4,159
Personal services	8,899	9,047	10,132	11,996	12,524	13,226	9,245	10,371	12,530	12,500	13,635	14,794
Private households	6,441	7,251	7,387	7,476	7,532	7,608	1,630	1,818	1,837	1,853	1,890	1,947
Business services	47,384	50,532	53,203	45,589	47,901	47,010	48,956	57,990	66,654	69,973	81,369	84,003
Auto repair, services, and garages	7,863	9,337	8,966	8,237	8,833	9,514	6,803	8,830	9,542	9,686	10,681	11,787
Miscellaneous repair services	13,773	14,938	12,717	10,331	8,424	10,241	4,834	5,645	4,847	3,997	4,262	4,834
Amusement and recreation services	6,436	7,535	7,727	5,576	5,636	6,045	4,939	5,662	4,740	4,944	6,237	5,310
Motion pictures	(D)	(D)	(D)	(D)	277	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	44,385	46,770	51,177	54,462	61,168	70,502	63,798	67,173	74,228	80,290	91,074	102,331
Legal services	9,709	11,091	12,469	12,211	15,141	15,687	5,925	7,426	8,571	9,702	9,953	11,146
Educational services	369	589	431	555	638	729	1,950	2,356	2,954	3,146	3,830	4,938
Social services	2,294	2,818	3,336	3,671	4,092	4,727	4,223	4,778	4,619	4,658	5,031	5,720
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,598	9,003	9,688	10,200	10,806	11,633	12,973	13,526	13,978	14,487	15,512	17,351
Miscellaneous services	13,739	21,253	22,431	23,804	23,260	28,099	36,990	38,558	41,511	42,377	43,484	50,395
Government and government enterprises	170,441	190,481	212,430	222,470	234,426	242,084	842,725	851,618	867,135	840,830	929,145	1,038,117
Federal, civilian	8,530	9,246	10,179	10,292	10,741	11,754	544,683	545,653	539,293	516,036	567,479	608,692
Military	3,808	3,818	4,209	4,488	4,912	5,063	179,112	181,862	193,197	183,161	211,471	268,870
State and local	158,103	177,417	198,042	207,690	218,773	225,267	118,930	124,103	134,645	141,633	150,195	160,555

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Bridgeport—Stamford—Norwalk—Danbury, CT (NECMA)						Brownsville—Harlingen, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**15,530,734**	**17,295,928**	**18,628,134**	**19,841,812**	**21,707,193**	**23,769,275**	**1,590,637**	**1,684,091**	**1,797,587**	**1,852,193**	**1,940,638**	**2,077,162**
Nonfarm personal income	15,520,419	17,287,874	18,618,789	19,831,369	21,698,685	23,759,530	1,561,105	1,642,258	1,755,497	1,820,680	1,887,774	2,026,049
Farm income[1]	10,315	8,054	9,345	10,443	8,508	9,745	29,532	41,833	42,090	31,513	52,864	51,113
Population (thousands)[2]	813.7	816.6	820.3	824.1	818.7	817.3	242.3	246.9	252.0	258.5	260.4	264.0
Per capita personal income (dollars)	**19,087**	**21,181**	**22,709**	**24,078**	**26,514**	**29,084**	**6,565**	**6,822**	**7,133**	**7,166**	**7,452**	**7,868**
Derivation of total personal income:												
Total earnings by place of work	10,180,311	11,370,830	12,553,610	13,534,899	14,906,259	16,497,613	1,085,128	1,131,279	1,206,884	1,226,266	1,284,226	1,372,276
Less: Personal contributions for social insurance[3]	609,889	687,355	790,671	860,946	944,443	1,091,014	57,718	59,756	67,002	69,702	72,203	81,135
Plus: Adjustment for residence	1,446,867	1,602,225	1,630,172	1,603,149	1,667,646	1,695,890	−22,083	−18,283	−23,868	−24,293	−25,087	−26,637
Equals: Net earnings by place of residence	11,017,289	12,285,700	13,393,111	14,277,102	15,629,462	17,102,489	1,005,327	1,053,240	1,116,014	1,132,271	1,186,936	1,264,504
Plus: Dividends, interest, and rent[5]	3,102,518	3,553,538	3,683,897	3,921,409	4,366,115	4,821,034	256,134	280,567	301,822	310,641	319,074	344,867
Plus: Transfer payments	1,410,927	1,456,690	1,551,126	1,643,301	1,711,616	1,845,752	329,176	350,284	379,751	409,281	434,628	467,791
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,337,100	9,352,815	10,234,439	11,181,663	12,264,657	13,636,630	861,333	890,193	952,308	965,295	995,387	1,071,168
Other labor income	955,529	1,002,476	1,145,531	1,129,229	1,223,401	1,321,998	83,324	81,753	81,694	85,809	90,619	99,386
Proprietors' income[6]	887,682	1,015,539	1,173,640	1,224,007	1,418,201	1,538,985	140,471	159,333	172,882	175,162	198,220	201,722
Farm	8,497	6,256	7,652	8,848	6,916	8,228	19,596	32,069	32,434	21,963	42,771	41,018
Nonfarm	879,185	1,009,283	1,165,988	1,215,159	1,411,285	1,530,757	120,875	127,264	140,448	153,199	155,449	160,704
Earnings by industry:												
Farm	10,315	8,054	9,345	10,443	8,508	9,745	29,532	41,833	42,090	31,513	52,864	51,113
Nonfarm	10,169,996	11,362,776	12,544,265	13,524,456	14,897,751	16,487,868	1,055,596	1,089,446	1,164,794	1,194,753	1,231,362	1,321,163
Private	9,432,228	10,550,846	11,543,377	12,548,053	13,815,668	15,303,825	842,588	857,256	895,331	903,487	923,520	988,420
Agricultural services, forestry, fisheries, and other[7]	44,765	45,569	52,563	59,890	84,594	99,412	27,901	15,268	30,247	34,965	31,053	32,971
Agricultural services	41,624	43,139	49,724	57,427	82,020	96,827	8,389	8,984	9,633	9,078	10,418	10,978
Forestry, fisheries, and other[7]	3,141	2,430	2,839	2,463	2,574	2,585	19,512	6,284	20,614	25,887	20,635	21,993
Mining	84,703	85,162	110,959	61,867	54,317	60,418	8,496	7,900	8,056	5,649	4,843	4,955
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	48,892	54,676	72,567	25,352	24,157	28,278	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	394	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	4,248	4,186	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	521,806	622,383	716,185	859,315	981,389	1,067,945	77,789	78,192	78,240	75,869	68,007	62,668
Manufacturing	3,874,331	4,172,948	4,314,774	4,474,378	4,527,224	4,652,936	163,553	160,233	155,128	147,433	160,011	173,059
Nondurable goods	1,164,712	1,234,057	1,299,447	1,364,397	1,351,610	1,428,098	80,556	77,943	85,923	81,467	88,187	85,946
Food and kindred products	105,521	117,384	124,609	124,673	124,991	133,170	19,472	20,891	21,365	20,383	25,467	26,273
Textile mill products	23,157	43,833	21,038	20,503	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	56,961	82,054	84,052	100,856	71,196	83,726	39,778	40,277	44,242	41,435	42,379	38,907
Paper and allied products	137,875	125,483	124,955	123,044	146,241	159,941	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	224,328	235,141	270,143	278,920	295,093	348,469	6,280	6,639	7,549	7,437	7,142	7,258
Chemicals and allied products	488,469	500,452	538,005	572,363	545,339	526,022	6,827	1,412	3,823	3,745	3,945	4,726
Petroleum and coal products	18,546	4,151	4,433	5,195	5,218	5,406	1,536	1,490	968	398	(D)	273
Tobacco manufactures	19,744	23,722	26,655	28,541	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	86,322	98,010	102,347	107,169	108,565	118,447	1,573	1,939	2,135	2,759	3,663	3,391
Leather and leather products	3,789	3,827	3,210	3,133	3,853	2,750	(D)	(D)	(D)	(D)	0	0
Durable goods	2,709,619	2,938,891	3,015,327	3,109,981	3,175,614	3,224,838	82,997	82,290	69,205	65,966	71,824	87,113
Lumber and wood products	7,701	21,341	(D)	(D)	(D)	30,328	1,016	948	918	927	914	1,084
Furniture and fixtures	17,633	21,019	22,498	23,672	25,136	28,452	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	133,165	147,247	126,995	104,756	91,405	95,574	0	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	290,712	301,787	328,772	314,408	275,072	272,937	4,042	3,934	4,792	5,635	4,951	6,768
Machinery, except electrical	441,167	511,221	506,818	529,156	556,858	610,806	(D)	21,869	17,566	17,795	15,910	12,887
Electric and electronic equipment	658,909	730,780	756,131	794,025	836,153	800,254	13,564	11,252	9,461	10,537	12,656	23,310
Transportation equip. excl. motor vehicles	562,134	592,906	631,174	683,744	759,638	761,429	4,310	3,268	2,456	2,555	3,399	3,489
Motor vehicles and equipment	21,948	9,303	(D)	(D)	(D)	7,817	(D)	(D)	(D)	(D)	13,695	23,657
Stone, clay, and glass products	59,696	51,924	35,908	31,192	35,424	30,471	13,823	15,382	14,631	13,074	12,974	12,240
Instruments and related products	484,225	518,867	532,343	547,169	515,393	553,012	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	32,329	32,496	36,421	37,272	38,497	33,758	4,745	5,828	4,867	5,812	6,007	2,976
Transportation and public utilities	436,774	484,212	553,119	524,077	693,444	758,062	70,575	76,322	79,525	78,980	79,448	83,759
Railroad transportation	11,229	10,779	10,155	(D)	9,431	8,506	4,260	4,950	5,017	3,627	2,389	3,179
Trucking and warehousing	123,723	138,509	144,894	158,786	184,079	198,394	15,499	18,027	19,223	21,969	24,444	26,575
Water transportation	15,732	20,501	20,578	24,625	25,329	33,461	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	105,539	124,604	138,323	(D)	149,824	168,539	(D)	(D)	(D)	(D)	(D)	(D)
Communication	101,321	105,316	148,295	96,935	216,926	229,200	26,022	25,011	25,680	24,000	22,918	25,762
Electric, gas, and sanitary services	79,230	84,503	90,874	97,928	107,855	119,962	10,452	11,279	12,476	13,311	12,806	12,525
Wholesale trade	731,968	835,899	1,023,840	1,015,256	1,139,526	1,333,412	72,629	65,462	61,929	59,135	56,485	54,972
Retail trade	922,760	1,021,242	1,088,698	1,253,115	1,409,470	1,519,580	157,907	166,914	176,225	173,148	170,094	184,437
Finance, insurance, and real estate	602,362	678,952	751,919	936,653	1,232,370	1,626,732	55,873	60,039	63,730	65,657	69,086	70,473
Banking and credit agencies	253,098	(D)	(D)	(D)	(D)	(D)	27,897	30,426	32,826	34,012	32,936	34,314
Other finance, insurance, and real estate[9]	349,264	(D)	(D)	(D)	(D)	(D)	27,976	29,613	30,904	31,645	36,150	36,159
Services	2,212,759	2,604,479	2,931,320	3,363,502	3,693,334	4,185,328	207,865	226,926	242,251	262,651	284,493	321,126
Hotels and other lodging places	22,371	(D)	(D)	(D)	(D)	(D)	14,251	13,950	14,026	13,268	13,848	13,369
Personal services	95,268	(D)	(D)	(D)	(D)	(D)	11,317	11,047	13,013	13,450	12,984	13,518
Private households	52,434	58,384	58,746	58,592	59,003	59,774	(D)	(D)	(D)	(D)	(D)	(D)
Business services	729,353	893,728	973,744	1,139,108	1,223,170	1,413,543	23,665	25,948	26,130	28,353	30,555	34,439
Auto repair, services, and garages	53,000	62,037	69,706	76,223	86,558	99,409	10,297	11,914	12,330	13,039	13,568	15,387
Miscellaneous repair services	26,622	31,008	31,141	36,736	38,272	44,282	3,879	4,425	4,060	4,099	4,455	4,837
Amusement and recreation services	54,474	59,154	75,263	86,199	98,480	106,157	5,150	5,479	5,527	5,381	5,803	5,497
Motion pictures	9,745	20,456	27,201	29,808	30,318	36,752	792	1,119	1,075	826	205	280
Health services	615,862	674,911	736,767	805,352	945,525	1,054,450	81,551	87,712	97,685	106,540	122,221	143,147
Legal services	141,632	173,657	193,110	228,027	249,389	273,446	12,732	14,546	15,824	19,415	20,892	26,395
Educational services	86,329	94,896	105,345	116,598	125,575	132,709	3,995	4,960	5,249	6,284	5,646	6,089
Social services	50,218	61,436	71,646	80,829	85,945	111,571	3,788	5,874	6,441	6,685	7,387	10,273
Museums, botanical, zoological gardens	1,271	1,744	2,039	2,213	2,632	3,097	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	62,697	68,040	72,011	80,708	86,930	96,194	11,742	12,911	14,598	16,499	17,393	18,755
Miscellaneous services	211,483	277,561	347,426	433,178	435,658	490,104	13,198	14,148	13,264	15,572	16,171	15,578
Government and government enterprises	737,768	811,930	1,000,888	976,403	1,082,083	1,184,043	213,008	232,190	269,463	291,266	307,842	332,743
Federal, civilian	101,541	117,801	129,246	127,725	140,161	152,828	27,820	29,328	31,540	31,065	33,930	39,087
Military	10,968	11,470	12,225	13,255	14,006	14,369	7,049	7,248	7,907	8,340	6,859	7,018
State and local	625,259	682,659	859,417	835,423	927,916	1,016,846	178,139	195,614	230,016	251,861	267,053	286,638

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Bryan—College Station, TX (MSA)						Buffalo, NY (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,037,116**	**1,137,303**	**1,189,279**	**1,211,022**	**1,266,716**	**1,353,567**	**11,758,387**	**12,651,220**	**13,223,951**	**13,832,508**	**14,591,849**	**15,666,647**
Nonfarm personal income	1,022,307	1,123,164	1,175,332	1,198,899	1,250,254	1,336,656	11,740,770	12,626,238	13,199,016	13,804,531	14,560,723	15,639,349
Farm income[1]	14,809	14,139	13,947	12,123	16,462	16,911	17,617	24,982	24,935	27,977	31,126	27,298
Population (thousands)[2]	116.9	118.8	121.3	119.2	117.9	116.6	986.8	975.4	968.1	961.0	956.4	958.7
Per capita personal income (dollars)	**8,872**	**9,574**	**9,800**	**10,156**	**10,743**	**11,613**	**11,916**	**12,971**	**13,659**	**14,393**	**15,257**	**16,342**
Derivation of total personal income:												
Total earnings by place of work	843,361	925,710	948,462	954,627	991,044	1,060,451	8,070,899	8,683,320	9,228,687	9,729,279	10,354,027	11,129,106
Less: Personal contributions for social insurance[3]	43,071	46,635	49,984	51,472	53,334	58,855	509,396	553,423	617,321	676,247	714,531	803,959
Plus: Adjustment for residence	−32,837	−35,101	−29,957	−29,319	−27,765	−30,922	−189,612	−195,681	−238,004	−267,652	−310,368	−324,835
Equals: Net earnings by place of residence	767,453	843,974	868,521	873,836	909,945	970,674	7,371,891	7,934,216	8,373,362	8,785,380	9,329,128	10,000,312
Plus: Dividends, interest, and rent[5]	151,685	169,703	185,653	187,890	194,938	212,093	2,072,409	2,291,439	2,355,071	2,416,731	2,513,735	2,751,735
Plus: Transfer payments	117,978	123,626	135,105	149,296	161,833	170,800	2,314,087	2,425,565	2,495,518	2,630,397	2,748,986	2,914,600
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	689,379	763,109	783,172	781,379	803,505	862,218	6,725,593	7,223,547	7,712,048	8,134,320	8,660,446	9,323,764
Other labor income	64,349	67,670	65,072	67,505	70,827	77,461	729,175	746,049	754,572	791,782	822,053	866,740
Proprietors' income[6]	89,633	94,931	100,218	105,743	116,712	120,772	616,131	713,724	762,067	803,177	871,528	938,602
Farm	12,662	12,035	11,838	10,013	14,208	14,631	8,646	16,207	16,191	19,292	21,962	18,076
Nonfarm	76,971	82,896	88,380	95,730	102,504	106,141	607,485	697,517	745,876	783,885	849,566	920,526
Earnings by industry:												
Farm	14,809	14,139	13,947	12,123	16,462	16,911	17,617	24,982	24,935	27,977	31,126	27,298
Nonfarm	828,552	911,571	934,515	942,504	974,582	1,043,540	8,053,282	8,658,338	9,203,752	9,701,302	10,322,901	11,101,808
Private	541,649	580,511	584,833	576,139	584,926	619,255	6,656,415	7,154,570	7,612,712	8,008,338	8,475,394	9,107,741
Agricultural services, forestry, fisheries, and other[7]	3,746	4,165	4,121	4,153	5,132	5,477	19,035	20,496	24,326	26,126	31,991	36,297
Agricultural services	3,647	4,095	4,078	4,133	5,110	5,457	18,346	20,105	23,672	25,362	31,375	35,607
Forestry, fisheries, and other[7]	99	70	(L)	(L)	(L)	(L)	689	391	654	764	616	690
Mining	41,202	48,257	38,511	22,998	17,864	17,132	37,266	40,087	43,497	23,391	19,160	19,626
Coal mining	(D)	(D)	0	0	0	0	149	260	190	202	98	99
Oil and gas extraction	34,257	39,963	(D)	(D)	17,632	16,902	31,488	35,355	38,531	17,834	13,551	13,662
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	127	100
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	232	230	5,640	4,510	4,798	5,358	5,384	5,765
Construction	79,847	82,043	76,162	71,275	63,033	65,802	374,867	422,775	476,119	515,221	548,129	584,128
Manufacturing	64,839	68,748	65,015	67,627	73,519	80,573	2,271,449	2,356,447	2,436,319	2,444,786	2,454,978	2,577,838
Nondurable goods	18,284	19,362	19,765	18,521	21,459	22,603	714,047	743,328	752,206	782,487	823,466	877,287
Food and kindred products	4,012	4,262	4,206	4,218	5,062	5,249	180,226	182,853	174,086	188,140	200,188	219,007
Textile mill products	0	0	0	0	0	0	11,575	10,352	10,156	9,730	10,288	10,918
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	34,604	35,913	38,815	40,036	41,098	47,685
Paper and allied products	0	0	0	0	(D)	(D)	48,748	53,902	52,853	57,301	65,012	66,503
Printing and publishing	9,494	10,326	10,688	10,260	12,168	14,140	172,933	186,404	202,791	215,594	225,189	234,331
Chemicals and allied products	1,175	1,150	1,272	(D)	(D)	1,290	104,561	107,308	107,969	104,416	105,939	115,420
Petroleum and coal products	0	(D)	(D)	(D)	(D)	600	33,035	28,704	28,987	26,139	25,207	24,379
Tobacco manufactures	0	0	0	0	0	0	911	986	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	0	122,142	131,388	131,723	138,866	148,558	156,532
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	5,312	5,518	4,826	2,265	1,987	2,512
Durable goods	46,555	49,386	45,250	49,106	52,060	57,970	1,557,402	1,613,119	1,684,113	1,662,299	1,631,512	1,700,551
Lumber and wood products	(D)	1,321	(D)	(D)	(D)	3,285	8,165	8,910	9,162	10,757	11,335	13,839
Furniture and fixtures	(D)	(D)	(D)	(D)	3,537	2,559	13,514	16,038	17,460	17,844	20,541	19,615
Primary metal industries	(D)	5,977	(D)	4,680	4,248	6,503	257,094	151,619	120,134	109,191	117,035	127,182
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	264,742	296,854	324,998	324,421	321,015	341,857
Machinery, except electrical	12,898	13,441	10,607	2,524	1,882	2,002	228,856	253,776	255,980	259,184	258,154	265,328
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	231,964	235,304	227,220	231,965	224,256	204,957
Transportation equip. excl. motor vehicles	0	0	0	(D)	(D)	(D)	7,363	8,587	7,821	7,552	19,555	27,463
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	361,342	443,145	517,846	487,267	427,438	422,413
Stone, clay, and glass products	5,143	5,356	5,325	5,481	4,171	4,103	38,240	43,829	45,393	45,544	51,412	58,700
Instruments and related products	1,841	2,020	2,404	(D)	2,728	3,821	78,196	84,828	90,334	94,541	94,983	105,317
Miscellaneous manufacturing industries	604	701	641	412	391	357	67,926	70,229	67,765	74,033	85,788	113,880
Transportation and public utilities	40,268	41,409	39,414	41,669	44,196	45,885	597,202	633,861	659,463	662,904	684,065	716,590
Railroad transportation	514	433	320	375	521	638	53,145	57,047	56,728	54,087	52,965	49,188
Trucking and warehousing	8,609	8,874	7,936	8,334	8,877	8,457	175,963	186,994	188,675	195,092	192,668	208,023
Water transportation	(L)	(D)	(L)	(D)	(D)	(D)	18,719	20,807	19,284	15,984	17,695	19,464
Other transportation[8]	(D)	(D)	2,638	(D)	(D)	(D)	61,507	68,767	71,816	82,292	85,259	97,211
Communication	27,274	27,702	27,431	29,601	31,047	31,817	146,753	151,194	162,398	156,053	168,331	170,612
Electric, gas, and sanitary services	(D)	(D)	1,100	1,029	1,256	1,183	141,115	149,052	160,562	159,396	167,147	172,092
Wholesale trade	32,530	37,358	36,519	35,344	35,814	40,655	526,536	565,103	602,964	639,102	691,379	741,622
Retail trade	101,376	104,993	110,671	111,357	109,674	115,251	751,187	798,410	848,478	912,736	958,656	1,018,869
Finance, insurance, and real estate	36,582	38,435	42,756	42,006	40,110	39,912	428,948	474,468	500,146	580,352	671,038	741,936
Banking and credit agencies	19,363	19,399	21,843	20,069	18,210	16,727	204,763	244,957	249,039	301,955	347,732	380,538
Other finance, insurance, and real estate[9]	17,219	19,036	20,913	21,937	21,900	23,185	224,185	229,511	251,107	278,397	323,306	361,398
Services	141,259	155,103	171,664	179,710	195,584	208,568	1,649,925	1,842,923	2,021,400	2,203,720	2,415,998	2,670,835
Hotels and other lodging places	4,502	4,744	4,490	3,831	4,134	3,663	29,659	34,051	35,959	34,308	40,008	40,601
Personal services	9,169	9,008	11,981	13,936	14,562	15,581	63,281	67,268	82,248	91,301	97,766	104,547
Private households	5,596	6,293	6,414	6,495	6,545	6,610	16,465	18,269	18,306	18,222	18,288	18,474
Business services	37,748	40,322	45,973	42,837	43,537	41,749	275,758	317,546	358,929	389,890	413,720	445,440
Auto repair, services, and garages	7,231	8,219	8,800	9,589	10,724	11,160	63,298	74,509	83,937	87,556	92,642	99,448
Miscellaneous repair services	2,968	3,430	3,017	2,908	2,655	3,146	32,544	35,796	36,088	39,278	40,233	46,757
Amusement and recreation services	1,715	2,364	2,694	2,364	2,278	2,133	55,529	60,861	66,568	68,678	74,646	89,866
Motion pictures	416	1,170	1,551	1,430	1,152	1,402	3,336	4,176	4,100	4,546	5,974	6,972
Health services	40,766	42,809	47,473	54,438	65,277	72,915	571,977	629,561	680,345	742,357	838,994	940,554
Legal services	6,335	7,440	8,006	9,501	10,733	11,997	147,043	178,553	195,953	222,898	234,822	267,238
Educational services	1,315	(D)	(D)	(D)	(D)	(D)	71,426	78,084	84,927	90,213	97,089	106,735
Social services	3,081	3,641	4,689	4,442	4,938	4,884	67,692	78,804	89,228	93,301	108,557	119,428
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	2,448	2,404	2,544	2,719	3,132	3,355
Membership organizations	6,012	6,487	7,136	7,399	7,927	9,025	87,636	89,101	91,288	87,064	91,827	98,454
Miscellaneous services	14,405	17,494	17,548	18,490	18,805	21,655	161,833	173,940	190,980	231,389	258,300	282,966
Government and government enterprises	286,903	331,060	349,682	366,365	389,656	424,285	1,396,867	1,503,768	1,591,040	1,692,964	1,847,507	1,994,067
Federal, civilian	24,541	25,144	26,899	26,607	26,533	28,408	206,039	224,889	236,447	233,614	249,037	269,899
Military	6,121	6,949	7,806	8,153	8,848	8,774	18,021	18,739	20,287	21,264	22,590	23,461
State and local	256,241	298,967	314,977	331,605	354,275	387,103	1,172,807	1,260,140	1,334,306	1,438,086	1,575,880	1,700,707

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Burlington, NC (MSA)						Burlington, VT (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,096,367**	**1,202,507**	**1,289,166**	**1,411,226**	**1,524,446**	**1,655,677**	**1,474,604**	**1,618,034**	**1,782,510**	**1,933,053**	**2,115,594**	**2,342,630**
Nonfarm personal income	1,090,711	1,189,294	1,281,962	1,402,202	1,514,387	1,644,021	1,465,420	1,608,235	1,773,126	1,922,859	2,101,924	2,328,968
Farm income[1]	5,656	13,213	7,204	9,024	10,059	11,656	9,184	9,799	9,384	10,194	13,670	13,662
Population (thousands)[2]	101.4	101.6	102.4	103.2	104.7	105.8	124.6	125.7	127.2	129.2	130.9	134.6
Per capita personal income (dollars)	**10,810**	**11,830**	**12,592**	**13,676**	**14,562**	**15,642**	**11,831**	**12,875**	**14,014**	**14,964**	**16,161**	**17,406**
Derivation of total personal income:												
Total earnings by place of work	712,803	792,215	841,619	934,290	1,025,417	1,123,760	1,271,246	1,393,381	1,540,546	1,679,993	1,845,373	2,062,595
Less: Personal contributions for social insurance[3]	43,670	48,327	54,458	60,408	65,879	75,605	63,637	70,369	82,124	94,720	102,952	119,885
Plus: Adjustment for residence	111,863	121,785	133,690	138,893	149,981	160,581	−106,443	−115,783	−127,615	−136,206	−148,692	−170,835
Equals: Net earnings by place of residence	780,996	865,673	920,851	1,012,775	1,109,519	1,208,736	1,101,166	1,207,229	1,330,807	1,449,067	1,593,729	1,771,875
Plus: Dividends, interest, and rent[5]	154,223	173,581	190,710	206,352	211,730	233,438	196,179	227,714	257,049	278,677	307,370	343,796
Plus: Transfer payments	161,148	163,253	177,605	192,099	203,197	213,503	177,259	183,091	194,654	205,309	214,495	226,959
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	586,390	647,756	691,615	766,182	839,221	920,385	1,052,920	1,152,415	1,276,231	1,387,749	1,523,562	1,709,805
Other labor income	56,206	59,728	60,795	68,009	73,784	80,775	114,802	121,139	126,539	139,229	150,636	168,176
Proprietors' income[6]	70,207	84,731	89,209	100,099	112,412	122,600	103,524	119,827	137,776	153,015	171,175	184,614
Farm	3,727	11,311	5,358	7,226	8,185	9,795	6,196	6,867	6,483	7,309	10,643	10,632
Nonfarm	66,480	73,420	83,851	92,873	104,227	112,805	97,328	112,960	131,293	145,706	160,532	173,982
Earnings by industry:												
Farm	5,656	13,213	7,204	9,024	10,059	11,656	9,184	9,799	9,384	10,194	13,670	13,662
Nonfarm	707,147	779,002	834,415	925,266	1,015,358	1,112,104	1,262,062	1,383,582	1,531,162	1,669,799	1,831,703	2,048,933
Private	643,228	710,412	758,861	844,204	927,317	1,015,198	1,082,798	1,189,384	1,319,215	1,442,847	1,585,252	1,769,384
Agricultural services, forestry, fisheries, and other[7]	1,907	1,792	1,717	1,767	3,197	3,897	3,439	3,746	3,773	4,556	6,726	8,195
Agricultural services	1,796	1,700	1,658	1,751	3,168	3,869	3,200	3,546	3,565	4,348	6,516	7,964
Forestry, fisheries, and other[7]	111	92	59	(L)	(L)	(L)	239	200	208	208	210	231
Mining	1,745	1,932	2,694	1,130	990	1,049	3,346	3,711	5,424	2,679	2,968	3,166
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,281	2,526	4,147	1,111	1,065	1,050
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,065	1,185	1,277	1,568	1,903	2,116
Construction	39,170	47,275	54,212	59,110	63,487	69,173	87,009	95,246	110,699	125,590	137,157	164,941
Manufacturing	292,307	327,508	346,443	384,640	422,154	448,830	444,955	478,884	514,912	539,002	560,729	594,141
Nondurable goods	209,878	217,930	224,353	248,570	274,603	288,289	34,619*	36,562*	39,515*	44,525*	50,841*	56,620*
Food and kindred products	4,626	5,744	5,716	6,459	7,919	9,187	12,044	11,769	11,610	12,945	15,120	15,932
Textile mill products	177,369	183,750	185,077	203,920	226,536	231,856	0	0	(D)	(D)	(D)	(D)
Apparel and other textile products	6,959	5,763	3,996	3,984	3,849	5,041	172	184	163	190	267	299
Paper and allied products	3,483	3,723	4,569	5,304	5,403	6,429	(D)	(D)	0	0	0	0
Printing and publishing	7,709	8,602	9,401	9,792	10,904	12,210	15,655*	16,498*	19,236*	22,170*	25,295*	28,366*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,047	6,133	6,236	6,693	7,155	8,418
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	3,537	3,951	9,424	11,918	14,071	16,256	1,385*	1,671*	2,003*	2,228*	2,622	3,277
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	82,429	109,578	122,090	136,070	147,551	160,541	410,091*	441,929*	474,924*	494,102*	509,524*	537,006*
Lumber and wood products	4,374	5,392	5,898	7,040	7,218	9,109	2,580*	3,062*	3,637*	4,471	5,237	5,874*
Furniture and fixtures	8,049	9,385	10,203	9,379	10,217	10,782	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	2,096	(D)	(D)	(D)	(D)	12,813*	14,590*	15,503*	17,238*	18,081*	17,868*
Fabricated metal products	3,264	3,773	5,521	(D)	(D)	8,288	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	4,390	10,717	8,493	17,896	19,733	21,663	17,283	16,399	16,636	17,930	19,230	22,325
Electric and electronic equipment	(D)	50,002	58,329	59,509	66,938	71,699	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	90
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,166	3,441	3,951	4,706	5,676	4,936	3,086	3,871	4,819	6,041	6,950	8,680
Instruments and related products	(D)	(D)	(D)	(D)	1,787	(D)	1,943	2,074	1,878	1,907	1,867	2,110
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	4,705	5,357	(D)	2,739	(D)	3,869
Transportation and public utilities	38,416	41,242	28,649	30,214	31,553	33,442	67,259	75,292	78,384	84,140	88,943	104,800
Railroad transportation	375	523	690	683	702	536	1,628	1,826	1,960	1,541	932	871
Trucking and warehousing	22,590	24,953	11,352	12,887	13,576	14,811	15,869	18,263	18,467	19,395	20,929	25,167
Water transportation	0	0	0	0	0	0	2,270*	2,400*	2,612*	2,906*	3,265*	3,641*
Other transportation[8]	1,173	1,362	1,436	1,767	1,895	1,993	13,579*	14,763*	16,238*	17,111*	19,013*	21,062*
Communication	8,629	7,799	8,487	7,957	8,304	8,635	26,814	27,930	27,812	31,814	32,523	39,446
Electric, gas, and sanitary services	5,649	6,605	6,684	6,920	7,076	7,467	7,067	10,077	11,264	11,334	12,244	14,570
Wholesale trade	40,320	37,746	47,612	56,298	61,924	65,708	53,411	59,299	73,900	79,518	99,584	125,310
Retail trade	93,937	100,072	105,053	111,986	120,214	129,798	123,379	137,428	151,915	162,615	180,117	199,310
Finance, insurance, and real estate	24,257	26,904	29,097	32,474	38,285	45,769	52,016	55,575	63,847	78,048	91,152	103,533
Banking and credit agencies	10,707	11,361	10,823	11,929	12,329	14,247	23,944*	25,788*	28,801*	32,752*	37,223*	41,319*
Other finance, insurance, and real estate[9]	13,550	15,543	18,274	20,545	25,956	31,522	27,814*	29,545*	34,825*	45,013*	53,456*	61,696*
Services	111,169	125,941	143,384	166,585	185,513	217,532	247,984	280,203	316,361	366,699	417,876	465,988
Hotels and other lodging places	751	951	(D)	1,469	1,750	1,809	10,286	11,464*	12,104*	14,144*	17,264*	19,367
Personal services	11,254	11,899	14,368	15,953	17,446	19,149	10,870	11,953	15,338	18,384	19,797	22,748
Private households	4,691	5,275	5,351	5,379	5,457	5,562	2,120	2,363	2,385	2,392	2,427	2,487
Business services	11,866	15,704	19,490	23,805	24,716	37,493	30,078	36,780	44,091	56,103	69,012	71,601
Auto repair, services, and garages	5,097	5,784	7,519	8,496	9,217	11,457	9,220	10,808	12,138	13,463	15,235	17,641
Miscellaneous repair services	4,003	4,994	4,880	5,902	6,666	7,714	3,383	3,898	3,579	5,011	5,230	7,937
Amusement and recreation services	1,527	1,675	1,884	2,263	2,894	2,853	3,359*	4,544*	4,606*	5,738*	6,083*	6,771*
Motion pictures	(D)	(D)	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	46,634	51,210	56,651	66,381	76,705	89,441	106,622	114,667	125,369	141,343	157,296	179,935
Legal services	3,764	4,515	5,185	6,178	6,981	7,855	15,361	18,551	21,575	25,215	28,195	33,464
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	16,871	18,978	19,674	21,447	24,023	26,506
Social services	2,365	3,012	3,768	4,315	4,752	5,358	8,715	10,316	12,164*	10,622*	12,743*	15,425*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,032	4,872	4,612	4,699	4,877	5,066	5,149*	5,508	6,036	6,717	6,313	8,483
Miscellaneous services	7,844	9,194	10,892	13,533	14,609	13,512	23,620	27,231	33,790	41,309	48,828	49,025
Government and government enterprises	63,919	68,590	75,554	81,062	88,041	96,906	179,264	194,198	211,947	226,952	246,451	279,549
Federal, civilian	5,694	5,925	6,553	6,624	6,869	7,503	33,461	35,992	39,503	40,021	45,313	53,796
Military	1,661	1,740	1,881	2,038	2,192	2,283	4,880	5,373	5,866	6,517	7,065	7,506
State and local	56,564	60,925	67,120	72,400	78,980	87,120	140,923	152,833	166,578	180,414	194,073	218,247

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Canton, OH (MSA)						Casper, WY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,500,116**	**4,831,042**	**5,014,347**	**5,168,237**	**5,445,481**	**5,839,904**	**1,049,857**	**1,059,929**	**1,046,204**	**971,520**	**937,708**	**973,416**
Nonfarm personal income	4,498,401	4,819,615	5,002,862	5,156,830	5,432,125	5,830,346	1,047,786	1,058,359	1,043,884	970,469	935,457	970,582
Farm income[1]	1,715	11,427	11,485	11,407	13,356	9,558	2,071	1,570	2,320	1,051	2,251	2,834
Population (thousands)[2]	402.5	402.2	401.1	398.9	398.5	401.4	77.1	74.5	72.5	70.8	66.3	64.7
Per capita personal income (dollars)	**11,181**	**12,010**	**12,500**	**12,955**	**13,665**	**14,549**	**13,622**	**14,230**	**14,437**	**13,730**	**14,140**	**15,048**
Derivation of total personal income:												
Total earnings by place of work	2,987,213	3,262,526	3,371,732	3,431,627	3,655,638	3,933,970	825,423	832,901	807,130	717,071	667,227	694,584
Less: Personal contributions for social insurance[3]	196,361	215,532	235,160	243,953	258,259	290,822	42,081	42,943	43,485	38,704	36,354	39,883
Plus: Adjustment for residence	194,295	206,685	219,503	233,500	225,603	238,538	−11,832	−11,474	−11,013	−9,758	−9,033	−9,507
Equals: Net earnings by place of residence	2,985,147	3,253,679	3,356,075	3,421,174	3,622,982	3,881,686	771,510	778,484	752,632	668,609	621,840	645,194
Plus: Dividends, interest, and rent[5]	711,719	762,666	795,267	821,404	857,160	934,797	177,674	184,564	186,405	181,395	191,523	202,410
Plus: Transfer payments	803,250	814,697	863,005	925,659	965,339	1,023,421	100,673	96,881	107,167	121,516	124,345	125,812
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,476,214	2,694,623	2,795,725	2,822,901	3,008,372	3,246,916	676,331	683,461	662,218	582,183	533,450	557,936
Other labor income	292,478	307,252	300,921	304,137	318,524	342,487	63,152	60,005	54,855	48,157	45,524	47,228
Proprietors' income[6]	218,521	260,651	275,086	304,589	328,742	344,567	85,940	89,435	90,057	86,731	88,253	89,420
Farm	−2,656	7,135	7,225	7,162	8,871	5,061	−279	−759	105	−1,049	153	832
Nonfarm	221,177	253,516	267,861	297,427	319,871	339,506	86,219	90,194	89,952	87,780	88,100	88,588
Earnings by industry:												
Farm	1,715	11,427	11,485	11,407	13,356	9,558	2,071	1,570	2,320	1,051	2,251	2,834
Nonfarm	2,985,498	3,251,099	3,360,247	3,420,220	3,642,282	3,924,412	823,352	831,331	804,810	716,020	664,976	691,750
Private	2,686,442	2,937,419	3,033,230	3,076,821	3,282,379	3,529,829	709,495	715,046	680,559	588,339	554,478	580,589
Agricultural services, forestry, fisheries, and other[7]	8,159	8,712	10,904	12,371	16,082	14,899	2,212	2,231	1,874	1,686	2,376	2,505
Agricultural services	7,744	8,377	10,734	12,239	14,973*	13,654*	2,055	2,090	1,745	1,609	2,305	2,437
Forestry, fisheries, and other[7]	415	335	170	132	(D)	(D)	157	141	129	77	71	68
Mining	40,527	44,615	45,605	34,543	29,708	27,229	185,155	187,396	165,329	112,452	90,274	97,681
Coal mining	8,530	9,642	9,374	9,158	6,327	4,611	4,269	4,417	3,821	3,273	1,609	1,183
Oil and gas extraction	28,439*	31,312*	33,157*	22,104*	20,875	20,067	161,639	166,715	150,291	102,834	81,414	88,996
Metal mining	(L)	(L)	(L)	0	(L)	(L)	15,823	12,846	8,564	2,832	4,872	5,071
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	2,491	2,539	3,424	3,418	2,653	3,513	2,379	2,431
Construction	151,468	181,650	193,763	194,391	223,082	240,109	71,935	69,136	64,831	55,827	55,521	54,395
Manufacturing	1,207,637	1,331,329	1,343,335	1,296,550	1,343,134	1,471,996	41,544	41,642	44,149	42,707	42,724	47,416
Nondurable goods	240,998	259,162	272,102	283,083	285,401	298,524	30,928	27,963	28,600	28,068	29,095	29,031
Food and kindred products	89,743	89,333	94,219	97,544	86,345	83,718	159	143	131	131	113	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	3,130*	3,061*	2,816	2,525	2,418	2,639	204	260	262	109	277	372
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	83	79	(L)	(L)	(L)
Printing and publishing	41,974	41,199*	45,043*	46,275*	50,404*	53,297*	7,133	7,417	8,057	7,752	7,724	8,265
Chemicals and allied products	18,172	19,747	21,736	23,259	24,018	27,559	(D)	(D)	(D)	(D)	(D)	736
Petroleum and coal products	15,659	15,924	15,245	17,196	17,080	17,962	23,207	19,678	19,678	19,383	20,065	19,238
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	52,745	59,065*	62,048*	64,615	68,525	73,292	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	0	0	0
Durable goods	966,639	1,072,167	1,071,233	1,013,467	1,057,733	1,173,472	10,616	13,679	15,549	14,639	13,629	18,385
Lumber and wood products	5,770*	6,639*	8,376*	10,194*	11,125*	11,642*	426	388	283	(D)	(D)	(D)
Furniture and fixtures	14,552*	18,550*	23,397*	21,186*	19,048*	20,892	0	0	0	0	0	(D)
Primary metal industries	333,717*	387,082*	373,154*	352,031*	392,706*	460,006*	0	0	0	0	0	(D)
Fabricated metal products	225,431*	228,250*	231,818*	216,102*	203,455*	201,170*	2,268	2,538	2,612	2,277	2,397	1,848
Machinery, except electrical	228,368	259,984	252,514	227,598	239,331	275,424	4,280	5,649	7,551	7,305	5,665	9,160
Electric and electronic equipment	(D)	(D)	(D)	124,118*	133,522*	137,049*	(D)	520	551	167	98	(D)
Transportation equip. excl. motor vehicles	406	303	286	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	3,694	5,255	5,392	6,206	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	35,030	35,794	36,057	35,127	34,426	35,588	2,228	3,028	2,629	2,029	2,203	2,200
Instruments and related products	(D)	(D)	(D)	(D)	5,959	10,033	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,595*	3,956	4,382	4,993	5,229	5,951	250	180	228	350	257	(D)
Transportation and public utilities	176,470	193,458	189,830	197,037	202,155	207,502	65,604	62,255	60,740	53,503	55,052	57,804
Railroad transportation	34,830	37,281	35,412	37,054	36,402	32,784	1,769	2,234	2,338	2,358	2,418	2,075
Trucking and warehousing	56,732	67,227	62,725	63,244	65,799	68,836	24,602	24,780	23,089	19,402	20,767	22,343
Water transportation	(L)	(L)	(L)	(D)	(D)	(L)	0	0	0	0	0	0
Other transportation[8]	3,493*	3,941*	3,888*	5,642*	6,568*	7,786*	9,419	9,017	9,398	6,997	7,495	8,399
Communication	28,474*	29,720*	26,335*	26,680*	26,564*	29,097*	19,225	15,791	15,114	13,760	13,803	13,957
Electric, gas, and sanitary services	50,749	53,231	59,390	62,407	64,188	66,420	10,589	10,433	10,801	10,986	10,569	11,030
Wholesale trade	159,182	173,837	187,336	195,508	203,774	220,741	92,530	91,589	87,998	75,208	60,741	61,656
Retail trade	299,273	315,666	332,906	348,265	363,757	385,418	79,946	81,081	81,719	74,819	70,929	73,088
Finance, insurance, and real estate	123,932	118,283	115,451	126,577	141,128	142,576	38,211	38,016	38,543	38,000	36,562	36,190
Banking and credit agencies	48,986*	51,259*	54,172*	57,960*	63,445*	61,201*	19,335	19,507	19,118	18,692	17,385	17,859
Other finance, insurance, and real estate[9]	73,548*	65,569*	59,681*	66,766*	75,570*	79,285*	18,876	18,509	19,425	19,308	19,177	18,331
Services	519,794	569,869	614,100	671,579	759,559	819,359	132,358	141,700	135,376	134,137	140,299	149,854
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,683	5,971	4,707	4,291	2,152	3,309
Personal services	27,606	29,347	35,584	36,603	37,760*	40,982*	7,752	7,940	9,446	9,708	9,168	9,383
Private households	5,521	6,101	6,102	6,064	6,103	6,165	999	1,101	1,096	1,083	1,046	1,030
Business services	56,702	68,642	74,396	80,907	94,133	109,049	31,029	33,847	26,582	20,298	18,810	21,699
Auto repair, services, and garages	17,617	21,169	22,812	24,033	26,094	28,809	8,181	8,797	8,447	7,830	7,957	8,579
Miscellaneous repair services	7,966	9,128	9,034	13,918	15,494	17,649	10,274	11,518	11,293	9,444	8,505	10,188
Amusement and recreation services	8,857	10,128	11,641	12,356	14,569	14,750	1,352	1,551	1,772	1,858	1,828	1,827
Motion pictures	743*	857*	852*	772*	824	801	(D)	(D)	(D)	(D)	(D)	(D)
Health services	269,140	282,981	300,696	315,631	369,038	388,498	24,023	25,562	26,914	33,928	48,335	51,270
Legal services	23,029	26,528	28,943	34,878	36,718	42,148	10,349	12,096	12,185	13,268	13,000	12,888
Educational services	14,735	16,406	18,701	19,971	22,572	24,543	1,002	1,188	1,274	1,201	1,081	1,217
Social services	12,983*	14,790	16,249	16,859	17,473	18,266	2,640	3,316	3,490	3,864	3,949	4,123
Museums, botanical, zoological gardens	565	573	630	667	705	790	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	29,391	30,755	31,248	31,889	33,334	35,560	6,972	6,899	6,894	6,996	6,638	6,713
Miscellaneous services	39,253	47,082	50,803	68,213	74,059	79,603	20,764	21,565	20,914	20,003	17,576	17,374
Government and government enterprises	299,056	313,680	327,017	343,399	359,903	394,583	113,857	116,285	124,251	127,681	110,458	111,161
Federal, civilian	33,111	34,710	36,610	37,096	38,530	41,894	19,173	19,486	20,374	20,156	21,149	21,772
Military	4,944	5,010	5,473	5,786	6,185	6,428	1,673	1,705	1,707	1,900	2,062	2,150
State and local	261,001	273,960	284,934	300,517	315,188	346,261	93,011	95,094	102,170	105,625	87,287	87,239

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Cedar Rapids, IA (MSA)						Champaign—Urbana—Rantoul, IL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,060,264**	**2,180,147**	**2,314,027**	**2,429,365**	**2,603,368**	**2,808,067**	**1,836,618**	**2,043,833**	**2,156,407**	**2,274,137**	**2,427,066**	**2,584,306**
Nonfarm personal income	2,063,992	2,165,885	2,299,406	2,402,911	2,579,450	2,793,923	1,844,401	2,002,956	2,105,525	2,230,577	2,392,273	2,564,346
Farm income[1]	−3,728	14,262	14,621	26,454	23,918	14,144	−7,783	40,877	50,882	43,560	34,793	19,960
Population (thousands)[2]	168.1	168.9	169.0	168.3	169.2	171.5	170.2	170.6	170.5	170.9	171.4	172.1
Per capita personal income (dollars)	**12,258**	**12,906**	**13,689**	**14,432**	**15,386**	**16,372**	**10,789**	**11,979**	**12,651**	**13,310**	**14,162**	**15,018**
Derivation of total personal income:												
Total earnings by place of work	1,609,547	1,717,231	1,831,560	1,941,113	2,103,899	2,291,278	1,376,821	1,539,096	1,642,103	1,775,944	1,906,849	2,030,557
Less: Personal contributions for social insurance[3]	100,825	107,465	121,463	132,307	142,418	162,923	82,589	89,098	98,427	109,188	117,384	130,642
Plus: Adjustment for residence	−98,113	−103,022	−112,349	−118,038	−135,778	−145,574	−40,151	−30,063	−39,234	−74,022	−88,108	−97,652
Equals: Net earnings by place of residence	1,410,609	1,506,744	1,597,748	1,690,768	1,825,703	1,982,781	1,254,081	1,419,935	1,504,442	1,592,734	1,701,357	1,802,263
Plus: Dividends, interest, and rent[5]	380,731	406,909	425,370	432,327	456,952	495,894	325,335	357,998	368,537	384,598	410,022	447,748
Plus: Transfer payments	268,924	266,494	290,909	306,270	320,713	329,392	257,202	265,900	283,428	296,805	315,687	334,295
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,344,875	1,418,549	1,522,538	1,598,799	1,739,960	1,911,260	1,169,118	1,261,376	1,341,297	1,458,320	1,574,774	1,687,647
Other labor income	146,976	145,136	147,658	158,532	173,089	187,668	94,289	99,535	102,334	113,628	125,592	137,643
Proprietors' income[6]	117,696	153,546	161,364	183,782	190,850	192,350	113,414	178,185	198,472	203,996	206,483	205,267
Farm	−7,398	10,654	11,221	23,242	20,752	11,149	−11,810	36,909	47,003	39,785	30,891	16,133
Nonfarm	125,094	142,892	150,143	160,540	170,098	181,201	125,224	141,276	151,469	164,211	175,592	189,134
Earnings by industry:												
Farm	−3,728	14,262	14,621	26,454	23,918	14,144	−7,783	40,877	50,882	43,560	34,793	19,960
Nonfarm	1,613,275	1,702,969	1,816,939	1,914,659	2,079,981	2,277,134	1,384,604	1,498,219	1,591,221	1,732,384	1,872,056	2,010,597
Private	1,444,598	1,527,525	1,633,274	1,720,257	1,875,041	2,055,368	842,747	915,371	969,339	1,058,244	1,144,751	1,257,890
Agricultural services, forestry, fisheries, and other[7]	8,090	6,862	5,616	5,706	9,950	11,045	3,258	3,307	2,913	3,770	4,159	4,949
Agricultural services	7,736	6,467	5,389	5,633	9,852	10,952	3,128	3,230	2,769	3,589	4,027	4,802
Forestry, fisheries, and other[7]	354	395	227	73	98	93	130	77	144	181	132	147
Mining	6,820	8,001	9,194	5,521	5,808	5,274	3,541	3,791	4,699	2,327	2,071	2,148
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,772	2,917	4,068	1,206	1,198	1,149	(D)	(D)	(D)	(D)	(D)	1,209
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	4,048	5,084	5,126	4,315	4,610	4,125	(D)	(D)	(D)	(D)	(D)	934
Construction	78,107	80,439	89,722	93,474	110,123	128,726	69,931	77,846	83,957	95,721	111,482	112,694
Manufacturing	584,963	604,020	645,513	688,126	724,232	773,400	144,765	154,718	163,010	178,769	190,063	208,491
Nondurable goods	196,766	201,727	206,461	217,985	230,500	245,158	96,373	101,521	109,568	122,230	131,773	139,240
Food and kindred products	157,383	157,616	160,009	168,411	177,227	187,782	68,352	72,027	71,234	76,395	80,475	77,302
Textile mill products	0	0	0	(D)	(D)	(D)	(D)	0	0	0	0	0
Apparel and other textile products	206	292	318	359	328	375	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	8,418	9,584	10,475	0	0	0	(D)	(D)	(D)
Printing and publishing	21,805	23,880	25,590	27,238	28,695	31,045	20,081	22,001	24,874	26,864	29,192	34,330
Chemicals and allied products	(D)	1,084	1,001	(D)	946	1,128	(D)	(D)	(D)	(D)	6,756	9,929
Petroleum and coal products	0	0	0	0	0	0	0	0	428	500	420	371
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)	2,327	(D)	(D)	10,514	13,296
Leather and leather products	0	0	0	0	0	0	(D)	0	0	0	0	0
Durable goods	388,197	402,293	439,052	470,141	493,732	528,242	48,392	53,197	53,442	56,539	58,290	69,251
Lumber and wood products	551	552	615	743	997	1,000	(D)	(D)	(D)	(D)	282	278
Furniture and fixtures	(D)	(D)	(D)	(D)	320	535	(D)	(D)	312	270	260	333
Primary metal industries	(D)	(D)	(D)	973	(D)	1,126	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	28,185	30,321	28,682	16,204	16,645	20,729	13,007	14,925	(D)	(D)	15,233	16,553
Machinery, except electrical	113,905	126,403	140,602	133,069	130,473	154,281	7,376	8,284	10,109	12,425	11,989	11,088
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,577	(D)	869	1,815	5,719	8,544
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	0	0	3,939	3,574	2,657	4,202	(D)	244
Motor vehicles and equipment	(D)	(D)	(D)	0	0	0	2,660	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,448	3,513	2,875	3,084	3,844	3,846	2,313	2,231	2,044	3,168	4,086	4,612
Instruments and related products	2,384	2,918	3,295	3,253	3,302	(D)	1,715	3,420	3,606	3,518	3,809	6,207
Miscellaneous manufacturing industries	9,608	10,905	(D)	11,114	12,438	13,647	(D)	1,211	1,349	1,437	(D)	(D)
Transportation and public utilities	109,792	107,560	110,800	131,694	159,493	172,466	68,553	72,092	70,070	70,610	72,705	74,769
Railroad transportation	881	943	827	479	130	122	11,676	11,651	10,299	8,646	7,593	8,299
Trucking and warehousing	36,029	(D)	38,328	40,713	(D)	(D)	15,326	18,758	17,658	17,643	20,768	22,854
Water transportation	0	0	(D)	(D)	0	0	0	(D)	0	0	0	0
Other transportation[8]	(D)	7,969	7,868	9,653	11,857	11,108	6,035	(D)	6,942	7,911	8,582	9,857
Communication	26,930	21,565	21,023	36,883	43,865	44,987	26,427	25,275	23,836	25,783	25,601	24,291
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	9,089	10,063	11,335	10,627	10,161	9,468
Wholesale trade	103,625	116,472	123,314	115,251	122,920	133,546	84,106	94,760	104,143	112,669	117,767	126,926
Retail trade	160,505	171,520	173,642	180,454	188,513	210,047	147,944	155,484	158,022	160,279	168,761	187,765
Finance, insurance, and real estate	95,163	103,399	109,479	109,129	119,183	128,136	43,970	50,009	56,985	66,129	73,712	83,850
Banking and credit agencies	26,721	28,774	29,421	31,091	32,863	34,595	23,392	(D)	(D)	(D)	27,930	28,766
Other finance, insurance, and real estate[9]	68,442	74,625	80,058	78,038	86,320	93,541	20,578	(D)	(D)	(D)	45,782	55,084
Services	297,533	329,252	365,994	390,902	434,819	492,728	276,679	303,364	325,540	367,970	404,031	456,298
Hotels and other lodging places	7,596	6,966	7,097	6,483	9,567	13,124	6,205	8,753	8,450	8,672	9,400	9,815
Personal services	15,252	17,063	20,480	21,295	21,616	24,112	18,788	17,752	17,308	18,191	20,565	24,314
Private households	3,323	3,679	3,641	3,577	3,560	3,601	5,306	5,889	5,896	5,862	5,808	5,863
Business services	55,650	63,355	79,227	84,245	95,699	116,562	48,549	58,581	63,587	75,197	83,212	92,706
Auto repair, services, and garages	13,721	16,944	18,371	18,747	17,750	22,675	10,132	11,280	13,904	14,767	13,177	13,467
Miscellaneous repair services	5,267	5,726	5,687	6,754	7,082	8,615	5,561	5,926	5,015	5,209	5,198	5,915
Amusement and recreation services	4,244	4,649	4,932	5,806	6,479	7,041	3,781	3,681	4,064	4,807	5,031	4,455
Motion pictures	1,550	1,674	1,944	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	116,507	123,355	130,354	136,702	159,798	172,352	112,775	122,321	126,509	140,315	157,213	186,958
Legal services	21,379	28,723	33,433	38,679	39,556	43,285	14,577	16,493	18,212	23,349	23,551	25,252
Educational services	16,495	18,154	19,857	23,050	23,919	25,846	2,177	2,410	2,576	2,797	2,798	2,752
Social services	6,628	7,441	8,269	8,871	10,346	12,685	10,004	12,862	17,649	20,638	22,175	23,856
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,478	11,910	11,906	12,632	13,456	14,665	18,058	18,220	20,144	21,222	22,434	24,791
Miscellaneous services	18,443	19,613	20,796	22,016	24,264	26,959	20,155	18,478	21,394	26,077	32,556	35,078
Government and government enterprises	168,677	175,444	183,665	194,402	204,940	221,766	541,857	582,848	621,882	674,140	727,305	752,707
Federal, civilian	26,155	27,455	29,321	30,709	32,920	36,148	65,440	66,028	62,510	60,328	65,424	76,969
Military	3,081	3,049	3,186	3,677	4,108	4,216	87,570	95,356	105,502	110,972	109,511	99,891
State and local	139,441	144,940	151,158	160,016	167,912	181,402	388,847	421,464	453,870	502,840	552,370	575,847

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Charleston, SC (MSA)						Charleston, WV (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,382,127**	**4,824,796**	**5,165,508**	**5,514,211**	**5,927,931**	**6,406,757**	**3,039,361**	**3,179,472**	**3,316,436**	**3,408,822**	**3,506,184**	**3,661,965**
Nonfarm personal income	4,368,745	4,794,342	5,143,799	5,498,195	5,907,449	6,380,494	3,038,640	3,176,724	3,315,258	3,407,510	3,505,352	3,660,143
Farm income[1]	13,382	30,454	21,709	16,016	20,482	26,263	721	2,748	1,178	1,312	832	1,822
Population (thousands)[2]	465.7	473.6	477.0	491.2	502.5	510.8	268.4	271.8	269.1	263.9	263.7	260.8
Per capita personal income (dollars)	**9,411**	**10,187**	**10,829**	**11,227**	**11,798**	**12,543**	**11,322**	**11,696**	**12,324**	**12,916**	**13,296**	**14,041**
Derivation of total personal income:												
Total earnings by place of work	3,426,811	3,807,570	4,047,641	4,313,450	4,630,952	5,008,177	2,358,766	2,447,817	2,524,504	2,584,802	2,626,234	2,723,329
Less: Personal contributions for social insurance[3]	191,266	213,218	235,212	257,922	275,932	309,335	134,626	140,394	152,433	156,425	158,857	174,112
Plus: Adjustment for residence	−25,965	−37,543	−44,381	−47,470	−51,945	−60,785	−176,233	−186,333	−189,083	−202,539	−199,008	−206,138
Equals: Net earnings by place of residence	3,209,580	3,556,809	3,768,048	4,008,058	4,303,075	4,638,057	2,047,907	2,121,090	2,182,988	2,225,838	2,268,369	2,343,079
Plus: Dividends, interest, and rent[4]	469,806	535,118	592,707	647,062	716,207	791,974	438,807	480,848	506,709	521,365	552,082	592,953
Plus: Transfer payments	702,741	732,869	804,753	859,091	908,649	976,726	552,647	577,534	626,739	661,619	685,733	725,933
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,995,685	3,300,943	3,513,758	3,721,094	3,979,166	4,295,315	1,984,527	2,060,258	2,133,092	2,183,501	2,213,212	2,293,191
Other labor income	219,870	239,577	247,252	260,179	287,349	318,762	222,524	216,691	210,209	210,462	207,713	211,078
Proprietors' income[6]	211,256	267,050	286,631	332,177	364,437	394,100	151,715	170,868	181,203	190,839	205,309	219,060
Farm	9,363	26,516	17,785	12,112	16,315	22,037	398	2,430	865	1,006	514	1,505
Nonfarm	201,893	240,534	268,846	320,065	348,122	372,063	151,317	168,438	180,338	189,833	204,795	217,555
Earnings by industry:												
Farm	13,382	30,454	21,709	16,016	20,482	26,263	721	2,748	1,178	1,312	832	1,822
Nonfarm	3,413,429	3,777,116	4,025,932	4,297,434	4,610,470	4,981,914	2,358,045	2,445,069	2,523,326	2,583,490	2,625,402	2,721,507
Private	1,965,099	2,233,407	2,408,128	2,611,068	2,819,646	3,066,510	2,007,115	2,068,088	2,118,163	2,159,152	2,186,457	2,267,769
Agricultural services, forestry, fisheries, and other[7]	16,364	16,761	21,346	26,226	29,058	34,482	4,199	4,226	4,429	4,681	6,561	6,766
Agricultural services	8,411*	9,335*	(D)	(D)	(D)	(D)	4,017	4,110	4,268	4,490	6,396	6,587
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	182	116	161	191	165	179
Mining	5,086	(D)	(D)	(D)	(D)	(D)	144,956	128,544	99,432	97,819	88,656	77,072
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	123,891*	105,560	73,058	74,585	65,595	53,671
Oil and gas extraction	3,520*	3,961*	6,086*	(D)	(D)	(D)	20,276	21,582*	(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	203,809	241,932	262,270	295,345	304,332	328,182	136,003	131,939	130,994	139,651	145,321	150,722
Manufacturing	444,503	496,289	505,724	519,229	540,970	578,518	461,532	458,636	485,677	454,417	417,973	413,966
Nondurable goods	211,867	224,837	228,960	236,863	240,003	251,855	410,511	394,049	411,641	395,443	373,524	384,122
Food and kindred products	(D)	(D)	(D)	(D)	10,052*	10,685*	(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	(D)	(D)	(D)	(D)	(D)	(D)	126	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	14,979	16,404	19,856	20,931	22,170	23,205	13,216	12,430*	14,629*	15,457*	15,880*	17,518*
Chemicals and allied products	67,944	70,747	68,953	66,671	62,913	66,070	377,111	366,953	381,879	363,949	340,743	350,995
Petroleum and coal products	12,788	12,812	10,907	12,613	10,772	10,392*	2,262	737*	0	0	0	0
Tobacco manufactures	615	(D)	(D)	(D)	(D)	(D)	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	232,636	271,452	276,764	282,366	300,967	326,663	51,021	64,587	74,036	58,974	44,449	29,844
Lumber and wood products	28,053	30,811	35,380	42,214	45,596	44,800	1,657	2,313	2,099*	1,757	1,865	2,458*
Furniture and fixtures	6,073	8,693	10,231	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0
Fabricated metal products	(D)	6,431	7,259	6,023	(D)	(D)	35,982	48,199	52,307*	42,208*	26,941*	10,852*
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	5,318*	6,236*	6,168*	5,898*	6,677*	8,586*
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)	0
Motor vehicles and equipment	0	(D)	(D)	(D)	578	(D)	(D)	0	0	0	0	0
Stone, clay, and glass products	28,711*	31,240*	31,061*	32,803	33,208	34,609	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	890	907	897	940	903	1,117
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	200,726	220,305	232,524	245,858	273,374	301,459	265,529	281,636	279,216	278,006	283,388	296,507
Railroad transportation	(D)	(D)	(D)	(D)	(D)	13,375	16,980	17,386	16,071	14,723	13,747	16,108
Trucking and warehousing	47,923	59,166	61,834	65,442	74,746	80,685	56,093	58,956	57,868	57,991	56,405	57,733
Water transportation	38,637*	43,873*	44,748*	43,498	50,205	60,334*	(D)	(D)	(D)	(D)	(D)	4,966*
Other transportation[8]	25,048*	28,685*	30,266*	34,543*	42,908*	(D)	9,985	11,374	12,164	(D)	(D)	13,328*
Communication	48,835*	45,500*	46,409*	47,395*	50,302*	51,150*	(D)	(D)	(D)	81,370	84,483	85,362
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	146,740	152,368*	166,442*	171,663*	182,654*	206,800*	180,187	188,597	194,768	193,125	195,612	205,059
Retail trade	327,723	369,981	402,289	428,057	457,193	491,517	233,794	254,397	258,889	266,089	271,825	279,786
Finance, insurance, and real estate	125,249	140,604	151,991	167,111	180,556	203,426	114,606	122,117	133,185	144,570	153,505	166,922
Banking and credit agencies	40,738	46,442	52,854	57,599*	67,329	70,338	44,853	48,962	52,467	56,085	52,053*	52,683*
Other finance, insurance, and real estate[9]	84,511	94,162	99,137	103,654*	113,227	133,088	69,753	73,155	80,718	88,485	96,630*	109,247*
Services	494,899	576,664	646,506	743,084	833,980	906,595	466,309	497,996	531,573	580,794	623,616	670,969
Hotels and other lodging places	20,406	24,827	26,867	31,295	35,409*	37,496*	10,595*	11,154*	10,987*	10,750*	11,245*	11,914*
Personal services	25,826	27,638	32,096	35,481	37,792	51,229	20,649	21,991	27,444	28,787	30,115	32,817
Private households	25,442	28,541	28,848	28,986	29,411	30,039	5,914	6,512	6,475	6,361	6,307	6,277
Business services	50,585	65,563	76,044	94,785	112,499	117,280	45,436	48,496	53,447	61,498	64,567	69,585
Auto repair, services, and garages	25,598	30,260	36,558	42,178	45,202	50,359	14,810	15,191	16,485	16,906	17,657	18,984
Miscellaneous repair services	20,514	24,204	25,588	26,421	(D)	36,835	10,233	9,798	(D)	9,609	9,694	10,613
Amusement and recreation services	12,497	14,734	17,975	20,979	23,696	16,686	(D)	(D)	6,538*	8,917	9,503	10,005
Motion pictures	1,000*	1,307*	3,011*	1,445*	1,740*	1,868*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	154,593	172,595	194,639	218,144	247,636	263,582	228,971	240,118	249,789	267,383	295,614	313,079
Legal services	37,430	43,477	49,517	59,044	65,893	75,194	49,633	56,737	59,769	67,876	69,445	77,394
Educational services	12,929*	14,126*	13,901*	16,141	17,965	20,045	6,295	8,129	9,902	10,932	11,684	13,756
Social services	12,463	14,492	16,389	19,034	20,976	26,833	11,725	12,825	13,375*	14,535*	16,820*	18,556*
Museums, botanical, zoological gardens	1,063	540	842	1,180	1,368	1,446*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	23,165	24,892	24,803	27,188	28,294	30,681
Miscellaneous services	70,357	89,148	98,084	123,192	136,688	148,558	32,518	36,130	(D)	(D)	48,236*	55,542
Government and government enterprises	1,448,330	1,543,709	1,617,804	1,686,366	1,790,824	1,915,404	350,930	376,981	405,163	424,338	438,945	453,738
Federal, civilian	479,613	506,748	517,813	517,083	548,264	621,021	45,028	50,150	51,908	51,187	55,585	60,881
Military	568,949	599,263	619,717	631,385	657,650	661,515	5,978	6,077	6,362	6,878	7,231	7,540
State and local	399,768	437,698	480,274	537,898	584,910	632,868	299,924	320,754	346,893	366,273	376,129	385,317

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Charlotte—Gastonia—Rock Hill, NC—SC (MSA)						Charlottesville, VA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**11,417,769**	**12,833,500**	**13,934,511**	**15,151,408**	**16,687,534**	**18,179,490**	**1,353,231**	**1,495,141**	**1,617,946**	**1,762,919**	**1,939,292**	**2,124,659**
Nonfarm personal income	11,354,604	12,679,448	13,781,506	14,994,955	16,550,479	18,026,167	1,347,787	1,479,109	1,604,817	1,746,739	1,915,916	2,102,249
Farm income[1]	63,165	154,052	153,005	156,453	137,055	153,323	5,444	16,032	13,129	16,180	23,376	22,410
Population (thousands)[2]	1,014.3	1,031.4	1,053.3	1,068.2	1,090.0	1,112.0	116.9	118.8	119.8	120.0	122.1	123.8
Per capita personal income (dollars)	**11,257**	**12,442**	**13,230**	**14,184**	**15,310**	**16,348**	**11,575**	**12,586**	**13,509**	**14,691**	**15,887**	**17,161**
Derivation of total personal income:												
Total earnings by place of work	9,563,313	10,872,577	11,789,295	12,874,860	14,319,807	15,654,686	1,028,743	1,126,304	1,213,084	1,328,647	1,462,421	1,596,816
Less: Personal contributions for social insurance[3]	571,277	646,034	735,996	807,261	891,210	1,014,354	51,727	53,169	58,319	64,274	70,139	79,930
Plus: Adjustment for residence	−442,544	−506,544	−523,235	−546,256	−630,720	−709,572	−106,558	−110,254	−112,687	−121,369	−133,630	−150,575
Equals: Net earnings by place of residence	8,549,492	9,719,999	10,530,064	11,521,343	12,797,877	13,930,760	870,458	962,881	1,042,078	1,143,004	1,258,652	1,366,311
Plus: Dividends, interest, and rent[4]	1,455,825	1,659,922	1,838,636	1,956,419	2,134,006	2,356,197	295,121	336,519	371,933	395,736	443,250	491,927
Plus: Transfer payments	1,412,452	1,453,579	1,565,811	1,673,646	1,755,651	1,892,533	187,652	195,741	203,935	224,179	237,390	266,421
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,044,314	9,087,466	9,884,179	10,746,689	12,005,470	13,145,320	863,897	936,544	1,010,221	1,102,851	1,208,762	1,323,883
Other labor income	857,381	913,938	941,604	1,030,051	1,143,033	1,242,854	79,546	82,097	84,458	93,803	101,610	110,922
Proprietors' income[6]	661,618	871,173	963,512	1,098,120	1,171,304	1,266,512	85,300	107,663	118,405	131,993	152,049	162,011
Farm	50,153	141,272	140,366	143,981	123,937	140,160	1,141	11,782	9,007	12,194	19,273	18,373
Nonfarm	611,465	729,901	823,146	954,139	1,047,367	1,126,352	84,159	95,881	109,398	119,799	132,776	143,638
Earnings by industry:												
Farm	63,165	154,052	153,005	156,453	137,055	153,323	5,444	16,032	13,129	16,180	23,376	22,410
Nonfarm	9,500,148	10,718,525	11,636,290	12,718,407	14,182,752	15,501,363	1,023,299	1,110,272	1,199,955	1,312,467	1,439,045	1,574,406
Private	8,603,474	9,740,557	10,548,401	11,531,684	12,877,847	14,056,161	694,455	762,262	821,290	894,556	983,485	1,077,315
Agricultural services, forestry, fisheries, and other[7]	31,682	36,483	43,519	44,492*	63,409	76,645	4,915	5,005	6,040	6,340*	8,478*	9,073*
Agricultural services	28,286	(D)	(D)	(D)	56,908*	69,201*	4,457	4,717	5,393	5,553*	7,863*	8,422*
Forestry, fisheries, and other[7]	3,396	2,845*	(D)	2,288*	(D)	(D)	458	288	647	795	615	651
Mining	20,909	22,562	31,447	(D)	16,759	17,015	5,525*	5,639*	7,581*	3,768	(D)	(D)
Coal mining	115*	149	99	100	52	52	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	14,588*	22,581*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(D)	(D)	(L)	(D)	303	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	555,822	700,062	793,070	921,562	1,040,552	1,131,742	60,602	73,634	84,259	97,909	107,761	124,015
Manufacturing	2,778,907	3,044,836	3,116,927	3,373,620	3,651,810	3,902,074	181,772	188,636	187,865	199,805	210,629	217,954
Nondurable goods	1,796,872	1,907,839	1,933,900	2,124,978	2,283,315	2,399,564	60,598*	67,569*	65,432*	58,681*	58,746*	61,825*
Food and kindred products	149,288*	163,250*	187,104*	174,469*	(D)	(D)	25,744*	32,675*	31,543*	(D)	22,236	20,995
Textile mill products	(D)	(D)	(D)	878,842	946,195	938,668	(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	122,671	141,243	163,301	178,910	186,454	210,707	14,831*	15,738*	17,965*	17,792*	20,999*	24,419*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Petroleum and coal products	4,163	4,508*	4,612*	5,629	6,031	6,585	0	0	0	0	0	0
Tobacco manufactures	27,289	43,040	53,515	60,203	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	112,752*	141,848*	161,798*	167,968*	188,713*	184,929*	0	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	982,035	1,136,997	1,183,027	1,248,642	1,368,495	1,502,510	120,519*	120,282*	121,396*	140,086*	146,803*	146,596*
Lumber and wood products	(D)	(D)	(D)	61,592	61,499	56,035	5,279*	6,064*	7,177	7,545	8,878	9,577*
Furniture and fixtures	30,072*	35,141*	39,203*	50,169*	53,556*	77,191*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	69,101*	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Fabricated metal products	139,167*	137,424*	133,129*	157,361	167,144*	187,038*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	441,618	484,789	492,996*	524,500	579,251	609,634*	1,478*	(D)	(D)	(D)	(D)	2,404*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	89,497	(D)	110,934*	108,036*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	0	0	0	0
Motor vehicles and equipment	115,763*	146,307*	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,538
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)	3,296	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	1,347,572*	1,654,039	1,774,135	(D)	61,900	67,732	73,257	76,755	82,541
Railroad transportation	37,394	40,660	42,908	41,630	40,319	32,953	4,308	(D)	(D)	3,468	3,298	3,370
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	8,091	9,149	7,421	7,980*	8,963*	10,356
Water transportation	445*	446*	(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)	(D)	222,988*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	36,811*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	912,847	1,070,556	1,221,673	1,242,002	1,388,114	1,550,690	44,041*	48,649*	48,810*	53,312*	55,810	48,948
Retail trade	977,437	1,096,126	1,193,215	1,310,046	1,427,607	1,581,181	101,671	110,110	118,678	128,778	142,165	158,037
Finance, insurance, and real estate	617,844	667,516	741,577	888,045	1,086,792	1,183,100	54,307	59,235	64,921	69,985	84,017	88,139
Banking and credit agencies	247,122*	249,853*	280,595*	336,588*	411,356	428,544*	15,578*	(D)	(D)	(D)	(D)	19,860*
Other finance, insurance, and real estate[9]	357,112*	402,371*	444,569*	533,369*	675,436	732,076*	37,338*	(D)	(D)	(D)	(D)	66,819*
Services	1,398,687*	1,679,165*	1,889,798*	2,109,632*	2,548,765	2,839,579	178,675*	209,158	235,027	260,615	293,647	343,547
Hotels and other lodging places	36,791*	45,054*	49,035*	55,381*	63,059*	69,850*	8,080*	9,854*	12,414*	13,767*	14,830*	15,498*
Personal services	94,375	103,501	128,107	146,880	165,375	169,981	11,865	12,758	15,590	17,285	19,655	20,854
Private households	50,934	57,295	58,153	58,423	59,259	60,398	10,727	12,041	12,186	12,285	12,538	12,853
Business services	291,572	400,619	481,285	557,084	629,168	695,529	30,123	33,975	36,981	42,817	52,016	60,214
Auto repair, services, and garages	76,483	93,362	107,303	115,686	136,181	156,192	8,038	9,540	10,623	12,496	13,713	15,905
Miscellaneous repair services	53,171	62,752	60,668	66,871	73,862	86,290	3,349	3,847	3,834	4,199	4,569	5,158
Amusement and recreation services	33,856	37,456	42,130	50,886	59,239	70,065	3,895*	4,565*	5,098*	6,029*	6,331*	8,175*
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	379,867*	417,483*	488,066	547,327	655,194	749,657	49,570	55,660	64,841	70,043	78,164	87,197
Legal services	87,374	107,659	118,766	135,948	155,690	173,419	8,237	9,959	10,875	12,318	14,227	21,362
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	40,663	45,909	52,220	60,177	69,911	79,446	6,271*	6,712*	7,448*	8,637*	10,682*	13,417*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	63,042	64,853	64,765	67,192	70,950	76,660	8,285	9,132	9,608	10,859	12,357	14,055
Miscellaneous services	190,432	245,581	289,620	314,170	326,241	360,904	25,323	29,851	33,508	37,226	40,292	54,006
Government and government enterprises	896,674	977,968	1,087,889	1,186,723	1,304,905	1,445,202	328,844	348,010	378,665	417,911	455,560	497,091
Federal, civilian	140,291	149,634	162,702	169,131	181,646	208,701	29,249	32,080	33,961	34,616	36,411	41,106
Military	22,082	26,150	29,570	30,860	32,282	33,722	11,147	13,805	14,318	15,282	15,763	15,080
State and local	734,301	802,184	895,617	986,732	1,090,977	1,202,779	288,448	302,125	330,386	368,013	403,386	440,905

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Chattanooga, TN—GA (MSA)						Cheyenne, WY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,292,158**	**4,628,285**	**4,946,623**	**5,331,139**	**5,825,005**	**6,266,961**	**906,197**	**947,664**	**991,091**	**1,021,105**	**1,046,622**	**1,078,293**
Nonfarm personal income	4,278,863	4,603,821	4,925,661	5,308,439	5,802,384	6,241,756	903,770	946,194	989,769	1,015,483	1,039,738	1,071,888
Farm income[1]	13,295	24,464	20,962	22,700	22,621	25,205	2,427	1,470	1,322	5,622	6,884	6,405
Population (thousands)[2]	422.9	425.1	424.7	428.7	434.2	438.1	73.1	73.6	73.3	75.0	75.7	75.2
Per capita personal income (dollars)	**10,149**	**10,888**	**11,647**	**12,434**	**13,417**	**14,304**	**12,392**	**12,872**	**13,514**	**13,610**	**13,825**	**14,340**
Derivation of total personal income:												
Total earnings by place of work	3,270,327	3,562,813	3,780,438	4,082,747	4,523,798	4,886,305	695,274	731,310	759,287	772,958	781,618	796,998
Less: Personal contributions for social insurance[3]	192,177	208,001	232,058	250,403	274,134	307,421	33,051	35,678	38,585	39,676	40,173	43,166
Plus: Adjustment for residence	−79,213	−101,354	−101,496	−124,438	−143,505	−165,592	−20,207	−21,134	−21,532	−21,179	−21,182	−21,228
Equals: Net earnings by place of residence	2,998,937	3,253,458	3,446,884	3,707,906	4,106,159	4,413,292	642,016	674,498	699,170	712,103	720,263	732,604
Plus: Dividends, interest, and rent[5]	590,593	647,997	713,098	750,384	795,253	873,130	130,571	138,796	147,613	150,165	160,477	169,847
Plus: Transfer payments	702,628	726,830	786,641	872,849	923,593	980,539	133,610	134,370	144,308	158,837	165,882	175,842
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,687,735	2,907,391	3,094,816	3,330,163	3,697,910	3,998,597	605,030	637,221	663,789	671,796	676,429	689,976
Other labor income	272,075	281,556	285,003	309,072	341,226	365,910	45,400	45,417	44,735	43,840	45,276	47,684
Proprietors' income[6]	310,517	373,866	400,619	443,512	484,662	521,798	44,844	48,672	50,763	57,322	59,913	59,338
Farm	10,921	22,117	18,699	20,504	20,352	22,967	−955	−1,885	−1,860	2,611	3,888	3,552
Nonfarm	299,596	351,749	381,920	423,008	464,310	498,831	45,799	50,557	52,623	54,711	56,025	55,786
Earnings by industry:												
Farm	13,295	24,464	20,962	22,700	22,621	25,205	2,427	1,470	1,322	5,622	6,884	6,405
Nonfarm	3,257,032	3,538,349	3,759,476	4,060,047	4,501,177	4,861,100	692,847	729,840	757,965	767,336	774,734	790,593
Private	2,645,056	2,885,189	3,071,704	3,330,193	3,668,346	3,935,675	428,631	448,145	458,666	457,685	456,642	465,319
Agricultural services, forestry, fisheries, and other[7]	9,964	9,893	10,448	10,709	14,230	15,252	1,797	2,285	2,162	2,361	2,491	2,646
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(D)	(D)	1,547*	1,850*	1,498*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	34,272	35,487	37,103	33,769	25,164	22,220	14,349	11,627	9,266	8,058	9,424	9,468
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	559	(D)	(D)	(D)	76	71
Oil and gas extraction	5,613*	5,643*	7,885*	2,813*	2,399*	(D)	12,196	9,249	7,820	6,688	(D)	7,028
Metal mining	0	0	0	0	0	0	(D)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,360
Construction	179,657	200,371	226,985	249,056	275,874	299,078	38,840	44,197	48,514	60,029	50,890	49,405
Manufacturing	890,096	936,350	939,038	1,010,133	1,087,112	1,162,711	32,583	32,280	30,583	29,227	31,721	34,838
Nondurable goods	494,932*	508,977	518,447	576,710	640,960	681,494*	19,247	19,310	19,983	19,621	20,914	26,183
Food and kindred products	108,470*	111,364*	115,298*	139,159*	155,252*	173,787*	1,267	1,088	998	853	1,174	1,323
Textile mill products	165,005*	174,497*	174,128*	199,460*	224,798*	233,209*	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	10,175*	(D)	(D)	(D)	(L)	(L)	61	(L)	86	(D)
Paper and allied products	27,996*	34,507*	36,856*	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Printing and publishing	31,210*	32,625*	35,806*	39,964*	46,291*	51,741*	3,891	4,190	4,361	4,249	4,132	9,527
Chemicals and allied products	113,733*	102,738*	97,234*	106,818*	115,308*	119,683*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	5,276	5,292	5,147	3,818	2,649	0	10,039	9,842	9,152	8,922	10,004	9,667
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	12,534	13,958*	15,477	16,705	18,220*	15,162*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	7,463*	8,128*	8,506	6,887*	6,208*	6,439*	(L)	(D)	(D)	(D)	(D)	(D)
Durable goods	392,035*	427,373	420,591	433,423	446,152	475,637*	13,336	12,970	10,600	9,606	10,807	8,655
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	932	974	917	1,019	(D)	1,318
Furniture and fixtures	6,515*	7,211*	7,591*	7,939*	9,997*	12,887*	0	0	0	0	(L)	(D)
Primary metal industries	84,394*	106,784*	91,366*	95,050*	100,530*	108,401*	0	0	0	0	0	0
Fabricated metal products	135,018*	128,452*	121,748*	109,857*	102,416*	116,034*	1,605	565	304	242	143	107
Machinery, except electrical	49,655	52,280	55,823*	59,046*	63,411*	70,600*	(D)	(D)	(D)	(D)	(D)	5,344
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	980	754	543	1,496	(D)
Transportation equip. excl. motor vehicles	1,163*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	67	(D)
Stone, clay, and glass products	39,429*	47,195*	46,601*	44,530*	41,163*	38,117*	(D)	(D)	1,930	1,517	1,310	447
Instruments and related products	9,786	11,326	12,528	14,594	15,835*	14,408*	(D)	(D)	248	126	146	207
Miscellaneous manufacturing industries	10,875*	(D)	13,838*	14,901*	15,831*	17,846*	848	1,018	1,053	1,220	1,204	1,101
Transportation and public utilities	201,560	223,450	233,527	255,578	272,848	275,661	130,845	135,064	130,739	110,645	111,169	113,558
Railroad transportation	39,594*	46,095*	47,345*	44,660*	45,324*	51,253	50,428	53,107	47,659	45,000	44,489	37,484
Trucking and warehousing	82,673	97,613	99,657	112,208	121,763	(D)	22,291	29,353	30,270	30,978	34,699	41,150
Water transportation	(D)	2,363	2,740	2,851	2,710	2,981	0	0	0	0	0	0
Other transportation[8]	(D)	15,559*	17,453*	21,427*	23,435*	24,731*	(D)	(D)	(D)	3,141	3,353	4,882
Communication	48,249*	43,710*	46,070*	48,867*	50,831*	52,545*	(D)	(D)	(D)	25,361	23,603	25,004
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	23,632*	25,705*	19,579	19,843	21,214	6,165	5,025	5,038
Wholesale trade	215,419	246,974	264,129	285,408	307,731	325,034	18,583	17,088	18,187	18,739	16,490	17,949
Retail trade	336,611	373,080	395,511	413,903	460,331	508,096	73,790	77,126	81,207	79,196	77,975	75,729
Finance, insurance, and real estate	208,001	222,890	252,483	275,772	317,318	325,757	35,871	39,737	42,811	45,012	44,253	44,606
Banking and credit agencies	(D)	48,768*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,215
Other finance, insurance, and real estate[9]	150,366*	167,194*	185,452*	206,514*	239,852*	244,217*	(D)	(D)	(D)	(D)	(D)	25,391
Services	569,476	636,694	712,480	795,865	907,738	1,001,866	81,973	88,741	95,197	104,418	112,229	117,120
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	21,441*	4,291	4,130	4,003	6,071	6,751	5,695
Personal services	59,698	61,740	69,067	70,801	78,916	88,196	5,667	5,989	7,055	6,682	6,685	7,059
Private households	13,218	14,773	14,911	14,948	15,154	15,385	785	862	858	854	817	806
Business services	72,781	84,155	106,350	130,563	153,414	158,195	7,597	8,564	9,518	10,609	12,319	13,087
Auto repair, services, and garages	29,482	35,564	40,351	44,620	47,879	52,990	4,031	4,487	5,111	4,907	4,887	5,004
Miscellaneous repair services	14,920	17,217	16,017	17,859	19,225	21,196	2,136	2,335	1,900	2,075	2,074	2,358
Amusement and recreation services	10,211*	11,180	12,811	13,817	15,925	15,637	1,303	1,250	1,380	1,851	2,019	2,032
Motion pictures	1,759*	1,988*	2,865*	3,081*	2,792*	2,786*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	205,133	226,603	246,144	268,998	321,811	362,141	27,002	28,417	29,932	33,326	37,183	39,707
Legal services	46,077*	55,182	61,054	64,138	70,333	78,086	10,538	12,476	13,921	15,803	17,120	17,785
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,138	1,526	1,548	1,664	1,706	1,900
Social services	6,999*	8,084*	8,646*	10,698*	12,880*	15,351*	3,264	3,496	4,141	3,256	3,665	3,996
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	701	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	26,312	26,999	27,581	29,062	30,115	32,337	7,836	8,129	8,356	8,474	8,378	9,104
Miscellaneous services	49,183	56,327	65,218	81,311	93,029	110,169	5,970	6,757	7,131	8,426	8,149	8,145
Government and government enterprises	611,976	653,160	687,772	729,854	832,831	925,425	264,216	281,695	299,299	309,651	318,092	325,274
Federal, civilian	257,214	277,482	283,770	301,332	366,044	413,761	54,539	60,052	63,439	65,834	70,734	75,304
Military	11,409	11,741	12,617	13,865	15,135	15,776	67,141	71,447	78,901	81,477	86,837	86,767
State and local	343,353	363,937	391,385	414,657	451,652	495,888	142,536	150,196	156,959	162,340	160,521	163,203

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Chicago, IL (PMSA)						Chico, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**85,867,730**	**93,053,225**	**98,057,335**	**103,170,270**	**109,923,515**	**118,483,239**	**1,585,243**	**1,735,958**	**1,875,303**	**2,005,480**	**2,184,703**	**2,357,492**
Nonfarm personal income	85,849,111	93,023,181	98,023,049	103,137,716	109,889,943	118,456,600	1,564,265	1,700,831	1,833,800	1,954,577	2,112,444	2,284,406
Farm income[1]	18,619	30,044	34,286	32,554	33,572	26,639	20,978	35,127	41,503	50,903	72,259	73,086
Population (thousands)[2]	6,122.4	6,157.0	6,169.7	6,189.9	6,210.2	6,216.3	155.4	158.3	162.4	165.3	169.1	174.5
Per capita personal income (dollars)	**14,025**	**15,113**	**15,893**	**16,668**	**17,700**	**19,060**	**10,202**	**10,969**	**11,545**	**12,134**	**12,918**	**13,512**
Derivation of total personal income:												
Total earnings by place of work	67,481,618	74,006,258	78,695,852	84,246,497	90,401,174	97,893,281	838,247	933,115	1,028,064	1,115,664	1,249,789	1,348,430
Less: Personal contributions for social insurance[3]	4,105,512	4,517,291	5,040,079	5,540,816	5,882,339	6,635,331	50,893	56,466	65,091	71,383	79,669	91,294
Plus: Adjustment for residence	−4,378,970	−5,061,906	−5,695,828	−6,579,780	−7,365,728	−7,898,074	34,896	42,033	38,913	40,533	44,012	47,019
Equals: Net earnings by place of residence	58,997,136	64,427,061	67,959,945	72,125,901	77,153,107	83,359,876	822,250	918,682	1,001,886	1,084,814	1,214,132	1,304,155
Plus: Dividends, interest, and rent[5]	14,880,842	16,448,052	17,254,544	17,726,568	18,950,542	20,705,839	360,771	394,197	410,176	422,421	442,999	487,352
Plus: Transfer payments	11,989,752	12,178,112	12,842,846	13,317,801	13,819,866	14,417,524	402,222	423,079	463,241	498,245	527,572	565,985
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	56,541,447	61,936,405	65,756,738	70,286,629	75,254,919	81,710,363	629,973	685,328	756,908	815,761	902,817	978,437
Other labor income	5,797,899	6,135,256	6,275,304	6,726,477	7,193,009	7,745,614	64,409	68,033	71,874	78,068	86,599	94,512
Proprietors' income[6]	5,142,272	5,934,597	6,663,810	7,233,391	7,953,246	8,437,304	143,865	179,754	199,282	221,835	260,373	275,481
Farm	3,999	15,735	19,911	18,221	18,388	11,387	730	14,823	22,389	33,736	52,238	51,830
Nonfarm	5,138,273	5,918,862	6,643,899	7,215,170	7,934,858	8,425,917	143,135	164,931	176,893	188,099	208,135	223,651
Earnings by industry:												
Farm	18,619	30,044	34,286	32,554	33,572	26,639	20,978	35,127	41,503	50,903	72,259	73,086
Nonfarm	67,462,999	73,976,214	78,661,566	84,213,943	90,367,602	97,866,642	817,269	897,988	986,561	1,064,761	1,177,530	1,275,344
Private	59,686,365	65,711,525	70,063,601	75,092,440	80,819,916	87,580,543	654,703	723,092	790,570	851,031	943,521	1,020,590
Agricultural services, forestry, fisheries, and other[7]	155,665	168,501	172,533	191,545	244,536	282,323	11,162	11,640	12,112	13,575	19,445	20,833
Agricultural services	145,475	158,072	162,064	181,629	234,373	270,636	10,526	11,219	11,676	13,061	19,114	20,434
Forestry, fisheries, and other[7]	10,190	10,429	10,469	9,916	10,163	11,687	636	421	436	514	331	399
Mining	220,339	246,015	331,492	189,365	174,215	175,106	2,518	2,975	4,047	2,392	1,590	1,510
Coal mining	4,436	(D)	3,571	5,315	(D)	535	(D)	(D)	(L)	(L)	(L)	(L)
Oil and gas extraction	152,930	177,936	249,403*	101,961*	86,691	86,607	2,245	2,794	3,932	2,036	1,287	1,258
Metal mining	(D)	(D)	(L)	68	(D)	769	(D)	(D)	(L)	(D)	(D)	131
Nonmetallic minerals, except fuels	(D)	63,305	68,916*	75,814*	85,710	87,195	228	133	84	(D)	(D)	115
Construction	3,270,608	3,780,253	4,131,381	4,679,731	5,121,814	5,544,254	59,073	72,759	82,512	88,165	104,709	103,338
Manufacturing	15,439,777	16,796,685	16,869,946	17,091,412	17,506,305	19,096,394	80,702	94,271	98,609	108,595	115,722	134,616
Nondurable goods	6,281,365	6,627,408	6,737,772	6,891,379	7,241,894	7,798,504	27,109	32,673	32,970	34,756	36,540	41,101
Food and kindred products	1,604,041	1,676,118	1,663,911	1,711,384	1,759,053	1,905,277	17,526	21,961	22,023	23,051	22,461	25,039
Textile mill products	18,855*	(D)	(D)	26,917*	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	199,669*	191,854*	194,266*	208,184*	207,213*	239,983	(D)	309	346	347	(D)	445
Paper and allied products	598,998	617,899	608,551	647,108	684,732	729,400	(D)	(D)	(D)	(D)	0	(D)
Printing and publishing	1,931,447	2,067,471	2,162,765	2,165,173	2,326,940	2,518,760	5,965	6,639	7,150	7,471	7,699	8,423
Chemicals and allied products	1,058,471	1,119,204	1,141,638	1,171,336	1,218,410	1,335,765	511	360	(D)	(D)	169	(D)
Petroleum and coal products	211,526	209,409	216,033	217,031	215,962	234,264	0	0	0	0	0	0
Tobacco manufactures	13,158	14,830	13,660	11,901	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	575,293	644,690	653,492	672,130	723,832	704,777	(D)	1,697	1,432	1,640	3,457	(D)
Leather and leather products	66,520*	64,065*	59,571*	56,607*	59,048	70,063	0	(D)	(D)	(D)	(D)	3,176
Durable goods	9,158,412	10,169,277	10,132,174	10,200,033	10,264,411	11,297,890	53,593	61,598	65,639	73,839	79,182	93,515
Lumber and wood products	103,701	104,452	103,565	97,672	112,316	128,967	30,509	35,726	37,688	45,453	49,487	50,808
Furniture and fixtures	228,003	225,949*	226,979*	219,373*	260,290*	260,674*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	939,013	1,067,278	1,012,117	955,586	928,412	1,044,251	(D)	1,227	(D)	(D)	(D)	(D)
Fabricated metal products	1,943,148	2,165,696	2,259,033	2,347,131	2,329,531	2,421,047	1,523	2,484	2,317	2,038	2,345	2,071
Machinery, except electrical	1,603,582	1,766,249	1,852,857	1,822,138	1,914,971	2,182,494	13,810	14,478	14,200	16,728	15,576	19,951
Electric and electronic equipment	2,335,426	2,620,381	2,504,530	2,568,932	2,586,561	2,745,681	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	312,849	396,911*	378,502*	371,847*	329,839*	384,120	(D)	(D)	1,316	1,565	1,283	1,383
Motor vehicles and equipment	337,283*	378,022*	372,974*	414,006*	383,141*	445,896*	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	294,129	327,941	345,645	333,841	367,711	435,035	2,857	3,287	3,829	4,322	4,770	5,238
Instruments and related products	569,682*	588,324*	620,323*	572,308*	530,408*	704,881	677	667	700	699	744	920
Miscellaneous manufacturing industries	454,877	478,334	407,592	450,294	476,452	524,481	1,126	1,206	1,271	1,215	1,200	1,290
Transportation and public utilities	5,504,004	6,023,963	6,482,079	6,855,413	7,356,151	7,646,263	84,893	78,995	82,518	86,094	87,236	88,925
Railroad transportation	572,471*	598,308	559,530	564,418	(D)	544,454	5,712	5,207	4,386	3,328	2,340	2,242
Trucking and warehousing	1,310,575	1,437,625	1,485,718	1,523,537	1,702,803	1,814,869	14,845	16,280	16,656	19,346	21,026	22,726
Water transportation	35,554	43,389*	42,533*	41,081*	44,755*	49,038*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	1,512,378	1,570,041*	1,702,608*	1,945,554*	(D)	2,360,078*	17,110	9,729	(D)	(D)	(D)	(D)
Communication	1,395,858	1,557,943	1,796,354	1,855,830	1,976,537	1,975,156	28,517	24,956	24,055	24,932	24,099	22,624
Electric, gas, and sanitary services	664,906*	725,476*	786,270*	791,421*	830,577*	897,475	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	6,376,882	7,031,193	7,664,144	8,024,660	8,579,541	9,257,371	31,505	31,384	35,131	37,457	39,988	42,629
Retail trade	5,944,917	6,438,440	6,819,454	7,309,650	7,923,938	8,334,476	126,510	134,554	142,121	146,517	163,938	184,202
Finance, insurance, and real estate	6,472,288	7,116,073	7,734,274	8,543,191	9,706,510	10,733,690	37,637	40,676	46,608	53,669	60,687	61,737
Banking and credit agencies	1,974,075	2,087,513*	2,224,893	2,349,887*	2,682,266	2,724,916*	17,558	18,049	18,807	19,664	23,488	22,609
Other finance, insurance, and real estate[9]	4,498,213	4,599,544*	5,509,381	5,612,393*	7,024,244	7,219,962*	20,079	22,627	27,801	34,005	37,199	39,128
Services	16,301,885	18,110,402	19,858,298	22,207,473	24,206,906	26,510,666	220,703	255,838	286,912	314,567	350,206	382,800
Hotels and other lodging places	394,739*	395,956	397,368	416,222	476,688*	546,959	2,728	2,987	2,951	2,375	3,151	3,309
Personal services	589,376	612,673	721,544	805,865	853,944	924,733	11,769	13,076	17,117	17,761	19,535	20,725
Private households	126,723	140,869	141,007	140,122	138,626	129,193*	4,109	4,621	4,723	4,809	4,936	5,086
Business services	4,138,727	4,789,985	5,472,092	6,268,931	6,983,966	7,584,234	30,234	35,277	45,814	47,542	46,018	49,695
Auto repair, services, and garages	510,860	582,756	631,440	687,840	719,742	799,631	12,336	15,194	16,804	18,398	20,029	21,868
Miscellaneous repair services	262,341	283,917	270,464	314,024	296,436	352,830	5,181	6,390	5,174	5,534	5,477	7,440
Amusement and recreation services	270,512	306,336	323,030	373,065	413,003	445,260	1,752	3,200	3,583	4,733	5,485	6,389
Motion pictures	111,730*	172,023	181,644	195,259	179,032*	196,361	(D)	(D)	(D)	(D)	(D)	(D)
Health services	4,484,586	4,735,732	4,966,276	5,349,388	5,813,103	6,112,662	102,442	116,225	127,110	142,134	167,909	180,591
Legal services	1,634,206	1,931,331	2,124,911	2,463,398	2,746,125	3,124,497	13,536	17,563	18,562	19,096	19,945	21,398
Educational services	886,152	955,179	1,045,782	1,078,250	1,169,132	1,305,130	2,191	2,674	2,672	2,631	2,966	3,340
Social services	322,553	330,478	374,237	430,140	474,389	548,023	4,519	5,358	6,687	9,436	11,927	13,585
Museums, botanical, zoological gardens	45,831	48,271	53,497	59,614	68,100	71,119*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	795,435	828,398	864,318	936,270	1,012,969	1,123,909	12,703	13,275	14,368	15,783	16,554	17,943
Miscellaneous services	1,727,127	1,996,498	2,290,688	2,689,085	2,860,990	3,229,643	16,875	19,538	20,868	23,770	25,755	30,524
Government and government enterprises	7,776,634	8,264,689	8,597,965	9,121,503	9,547,686	10,286,099	162,566	174,896	195,991	213,730	234,009	254,754
Federal, civilian	1,539,095	1,624,737	1,700,564	1,731,873	1,818,546	1,988,515	11,904	12,715	13,260	13,938	14,471	16,345
Military	106,627	111,364	122,857	136,011	145,933	149,522	2,373	2,589	3,011	3,268	3,471	3,606
State and local	6,130,912	6,528,588	6,774,544	7,253,619	7,583,207	8,148,062	148,289	159,592	179,720	196,524	216,067	234,803

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Cincinnati, OH—KY—IN (PMSA)						Clarksville—Hopkinsville, TN—KY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**17,124,835**	**18,468,764**	**19,544,201**	**20,821,612**	**22,372,786**	**24,097,077**	**1,315,496**	**1,441,021**	**1,529,811**	**1,620,813**	**1,762,026**	**1,873,753**
Nonfarm personal income	17,106,587	18,429,104	19,509,313	20,790,808	22,339,318	24,066,152	1,313,944	1,415,944	1,513,358	1,611,143	1,749,634	1,857,974
Farm income[1]	18,248	39,660	34,888	30,804	33,468	30,925	1,552	25,077	16,453	9,670	12,392	15,779
Population (thousands)[2]	1,404.4	1,408.2	1,413.3	1,431.1	1,442.7	1,448.8	153.7	151.8	153.9	156.5	157.1	158.9
Per capita personal income (dollars)	**12,194**	**13,115**	**13,828**	**14,550**	**15,507**	**16,633**	**8,559**	**9,492**	**9,937**	**10,356**	**11,215**	**11,796**
Derivation of total personal income:												
Total earnings by place of work	12,773,828	13,903,570	14,922,236	16,047,635	17,382,913	18,680,500	1,025,320	1,105,580	1,165,971	1,234,192	1,335,294	1,403,463
Less: Personal contributions for social insurance[3]	818,571	897,193	1,010,959	1,107,275	1,186,253	1,326,622	53,795	57,358	62,915	68,359	74,927	83,881
Plus: Adjustment for residence	−500,628	−577,530	−702,418	−826,461	−968,446	−999,289	−28,991	2,637	4,571	3,197	18,562	31,740
Equals: Net earnings by place of residence	11,454,629	12,428,847	13,208,859	14,113,899	15,228,214	16,354,589	942,534	1,050,859	1,107,627	1,169,030	1,278,929	1,351,322
Plus: Dividends, interest, and rent[5]	3,056,037	3,314,563	3,452,529	3,618,631	3,895,217	4,257,233	147,495	159,759	170,938	179,606	195,220	212,907
Plus: Transfer payments	2,614,169	2,725,354	2,882,813	3,089,082	3,249,355	3,485,255	225,467	230,403	251,246	272,177	287,877	309,524
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,748,665	11,704,294	12,623,186	13,551,992	14,685,062	15,827,686	887,422	930,275	990,781	1,049,376	1,119,577	1,172,286
Other labor income	1,156,379	1,203,315	1,233,463	1,327,783	1,413,948	1,490,943	56,495	59,494	60,178	65,166	71,087	75,397
Proprietors' income[6]	868,784	995,961	1,065,587	1,167,860	1,283,903	1,361,871	81,403	115,811	115,012	119,650	144,630	155,780
Farm	8,833	30,365	25,859	22,019	24,461	22,114	−3,701	19,925	11,341	4,568	7,015	10,368
Nonfarm	859,951	965,596	1,039,728	1,145,841	1,259,442	1,339,757	85,104	95,886	103,671	115,082	137,615	145,412
Earnings by industry:												
Farm	18,248	39,660	34,888	30,804	33,468	30,925	1,552	25,077	16,453	9,670	12,392	15,779
Nonfarm	12,755,580	13,863,910	14,887,348	16,016,831	17,349,445	18,649,575	1,023,768	1,080,503	1,149,518	1,224,522	1,322,902	1,387,684
Private	11,291,024	12,292,784	13,218,712	14,233,278	15,452,942	16,578,541	513,881	561,643	587,787	642,246	717,204	758,159
Agricultural services, forestry, fisheries, and other[7]	30,314	32,208	34,663	37,040	48,494	56,152	(D)	(D)	3,194	3,319	5,221	5,892
Agricultural services	29,335	29,732*	34,166	36,603	48,016	55,661	(D)	(D)	3,109	3,222	5,137	5,800
Forestry, fisheries, and other[7]	979	(D)	497	437	478	491	121	72	85	97	84	92
Mining	48,950	50,947	67,324	29,891	27,936	28,415	2,078*	(D)	2,346	3,070	13,389	11,860
Coal mining	1,951*	4,014	4,977	2,706	1,554	(D)	(D)	(D)	(D)	(D)	(D)	3,526
Oil and gas extraction	36,636*	39,442*	53,071*	18,741*	15,571*	15,372*	(D)	(D)	1,743	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	83	(D)	−605	−1,914	−982	−159	8,212	6,453
Nonmetallic minerals, except fuels	6,530*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	(D)	679,731*	716,236*	857,136	1,001,404	1,087,092	39,410	44,731	47,214	60,133	63,438	63,105
Manufacturing	4,034,649	4,374,736	4,641,240	4,913,273	5,047,306	5,152,681	174,317	192,814	197,729	209,822	222,057	234,250
Nondurable goods	1,780,866	1,855,604	1,937,046	2,083,074	2,185,969	2,294,779	85,461	92,878	97,667	105,760	101,330	104,034
Food and kindred products	(D)	376,555*	375,779*	396,501*	393,161*	396,744*	(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	51,627*	56,169*	56,043*	55,687*	59,369*	(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	276,972	304,974	322,264	343,427	371,271	400,492	12,942*	14,880*	(D)	19,345*	(D)	(D)
Chemicals and allied products	724,560*	752,003*	805,516*	887,186*	953,843*	998,504*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	32,152*	32,562*	34,490*	31,853*	24,177	27,717	4,176*	4,732*	4,170*	5,100*	5,765*	2,534
Tobacco manufactures	(D)	0	0	0	0	0	13,356	14,352	15,884	15,309	(D)	(D)
Rubber and misc. plastic products	103,453*	120,032*	128,886*	(D)	(D)	172,427	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	2,253,783	2,519,132	2,704,194	2,830,199	2,861,337	2,857,902	88,856	99,936	100,062	104,062	120,727	130,216
Lumber and wood products	(D)	(D)	33,725*	39,095*	41,147*	44,263*	3,789	4,397	4,796	5,035	6,057	7,628
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)	8,841	9,596	9,438	9,972	10,652	10,555
Machinery, except electrical	480,132	599,070	627,804	644,034	650,820	657,808	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	237,531*	(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)	(D)	68,373	(D)	(D)	(D)	(D)	(D)	3,619
Instruments and related products	44,193*	(D)	(D)	(D)	71,640*	81,712*	(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	932,037*	987,858*	1,031,785*	1,103,746	1,214,240	1,327,948	31,477	34,392	35,020	37,238	41,123	40,321
Railroad transportation	97,491	105,312	103,616	97,461	89,769	93,724	1,078	1,119	998	(D)	(D)	962
Trucking and warehousing	278,569	300,031	303,025	297,655	316,897	336,852	12,029	15,409	14,734	15,368	16,426	16,428
Water transportation	18,410*	21,411*	21,210*	(D)	20,253*	29,299*	(D)	0	0	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,853	(D)	1,977	2,085	1,930	(D)
Communication	287,649*	305,300*	319,718*	345,573*	376,762*	384,203*	11,920	10,929	11,789	12,214	14,968	14,656
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,522	6,575	6,781	6,644
Wholesale trade	962,300	1,097,423	1,187,259	1,271,718	1,379,571	1,483,292	31,468	33,252	36,027	38,127	42,166	46,363
Retail trade	1,317,723	1,387,120	1,485,256	1,598,284	1,693,963	1,864,672	99,753	106,488	108,163	113,925	127,525	135,346
Finance, insurance, and real estate	679,066	715,411	783,637	883,906	1,023,343	1,178,019	27,334	28,899	30,255	34,103	37,488	39,650
Banking and credit agencies	206,901*	222,061*	239,200*	263,126*	282,630*	308,875*	16,087	16,878	17,398	19,131	20,625	22,469
Other finance, insurance, and real estate[9]	446,554*	464,024*	513,384*	587,171*	697,859*	820,895*	11,247	12,021	12,857	14,972	16,863	17,181
Services	2,566,643	2,882,877	3,194,903	3,538,284	4,016,685	4,400,270	104,679	116,635	127,839	142,509	164,797	181,372
Hotels and other lodging places	63,386*	69,117*	71,585*	72,273*	85,664*	99,244*	2,726	2,703	3,095	3,258	3,581	3,513
Personal services	116,959	127,931	153,984	165,476	178,869	196,861	10,304	11,148	13,764	14,941	15,720	16,886
Private households	39,023	43,234	43,238	42,948	42,691*	43,114*	5,261	5,851	5,876	5,864	5,911	5,976
Business services	431,994	516,969	606,450	674,329	783,783	866,285	9,636	11,974	13,302	15,609	18,625	20,460
Auto repair, services, and garages	89,724	104,641	120,918	130,760	141,999	147,665	9,721	12,155	13,033	15,391	16,588	18,215
Miscellaneous repair services	34,035*	38,018*	38,709	42,398	54,632	63,154	3,365	3,959	3,016	3,527	3,714	4,314
Amusement and recreation services	(D)	(D)	(D)	137,499*	144,594*	(D)	1,225	(D)	(D)	(D)	(D)	2,448
Motion pictures	(D)	11,210*	10,195*	9,120*	10,087*	12,324*	0	0	0	0	0	(D)
Health services	954,007	1,022,778	1,111,762	1,209,324	1,400,461	1,545,125	39,587	41,395	45,613	50,612	60,949	69,760
Legal services	165,705	199,912	211,432	242,219	271,648	300,185	5,668	6,676	7,326	8,303	9,239	9,780
Educational services	85,269*	(D)	100,681*	104,748*	117,570*	(D)	2,968	3,209	3,926	4,366	6,742	7,767
Social services	87,518	99,887	108,789	116,491	127,958	132,583	2,639	3,601	2,741	2,924	4,007	3,128
Museums, botanical, zoological gardens	4,654*	5,040*	5,537*	6,088*	7,077*	8,022*	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	106,053	112,943	118,050	121,146	127,102	137,850	5,861	5,955	6,907	6,397	6,857	7,219
Miscellaneous services	272,563	317,543	352,261	445,830	502,288	537,941	5,718	6,498	7,499	9,232	10,486	11,821
Government and government enterprises	1,464,556	1,571,126	1,668,636	1,783,553	1,896,503	2,071,034	509,887	518,860	561,731	582,276	605,698	629,525
Federal, civilian	311,121	332,477	358,470	374,588	402,970	445,647	76,674	72,429	73,441	75,987	84,066	86,193
Military	26,404	30,932	33,627	35,508	37,550	38,615	339,000	347,072	379,713	389,551	394,362	404,578
State and local	1,127,031	1,207,717	1,276,539	1,373,457	1,455,983	1,586,772	94,213	99,359	108,577	116,738	127,270	138,754

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Cleveland, OH (PMSA)						Colorado Springs, CO (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**25,153,488**	**27,199,618**	**28,529,824**	**29,729,874**	**31,406,752**	**33,520,277**	**4,100,347**	**4,579,334**	**5,033,422**	**5,406,709**	**5,767,715**	**6,090,992**
Nonfarm personal income	25,131,020	27,170,976	28,496,874	29,697,020	31,371,756	33,487,949	4,093,456	4,571,906	5,024,909	5,397,790	5,756,478	6,080,963
Farm income[1]	22,468	28,642	32,950	32,854	34,996	32,328	6,891	7,428	8,513	8,919	11,237	10,029
Population (thousands)[2]	1,873.6	1,866.3	1,857.1	1,863.3	1,857.8	1,845.0	342.5	352.5	367.2	379.7	391.4	393.9
Per capita personal income (dollars)	**13,425**	**14,574**	**15,362**	**15,956**	**16,906**	**18,168**	**11,971**	**12,992**	**13,707**	**14,240**	**14,737**	**15,464**
Derivation of total personal income:												
Total earnings by place of work	19,206,012	20,879,618	21,987,718	22,974,730	24,267,421	25,936,844	2,923,335	3,316,502	3,659,814	3,948,794	4,187,951	4,406,070
Less: Personal contributions for social insurance[3]	1,248,253	1,366,082	1,510,500	1,606,010	1,680,811	1,870,251	155,042	178,108	204,360	226,690	240,927	266,858
Plus: Adjustment for residence	−1,324,807	−1,413,555	−1,535,857	−1,613,334	−1,701,974	−1,830,318	52,247	52,762	53,846	54,645	50,312	50,158
Equals: Net earnings by place of residence	16,632,952	18,099,981	18,941,361	19,755,386	20,884,636	22,236,275	2,820,540	3,191,156	3,509,300	3,776,749	3,997,336	4,189,370
Plus: Dividends, interest, and rent[5]	4,441,090	4,852,978	5,094,573	5,164,546	5,478,299	5,982,475	653,616	736,058	810,298	851,188	923,335	994,433
Plus: Transfer payments	4,079,446	4,246,659	4,493,890	4,809,942	5,043,817	5,301,527	626,191	652,120	713,824	778,772	847,044	907,189
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	16,004,429	17,381,943	18,356,284	19,052,377	20,079,582	21,499,159	2,469,200	2,801,985	3,091,440	3,323,118	3,531,286	3,722,415
Other labor income	1,782,325	1,847,846	1,838,326	1,906,160	1,976,470	2,083,456	186,760	208,610	224,940	238,544	251,877	265,464
Proprietors' income[6]	1,419,258	1,649,829	1,793,108	2,016,193	2,211,369	2,354,229	267,375	305,907	343,434	387,132	404,788	418,191
Farm	9,248	15,628	20,171	20,295	21,937	19,396	4,396	4,961	6,124	6,621	8,881	7,723
Nonfarm	1,410,010	1,634,201	1,772,937	1,995,898	2,189,432	2,334,833	262,979	300,946	337,310	380,511	395,907	410,468
Earnings by industry:												
Farm	22,468	28,642	32,950	32,854	34,996	32,328	6,891	7,428	8,513	8,919	11,237	10,029
Nonfarm	19,183,544	20,850,976	21,954,768	22,941,876	24,232,425	25,904,516	2,916,444	3,309,074	3,651,301	3,939,875	4,176,714	4,396,041
Private	17,028,765	18,574,899	19,535,032	20,448,542	21,611,817	23,138,857	1,976,286	2,300,788	2,579,366	2,775,637	2,906,436	3,046,647
Agricultural services, forestry, fisheries, and other[7]	45,718	50,217	52,206	56,191	71,683	82,687	9,905	11,241	11,554	13,053	17,291	18,443
Agricultural services	43,883	48,661	51,558	55,801	71,245	82,253	9,526	11,034	10,993	12,403	16,512	17,629
Forestry, fisheries, and other[7]	1,835	1,556	648	390	438	434	379	207	561	650	779	814
Mining	103,626	116,065	132,411	91,766	90,345	82,419	29,941	29,807	32,892	28,765	22,619	19,573
Coal mining	31,419	36,635	36,944	40,028	25,422	24,033	(D)	6,412	(D)	9,420	4,255	3,055
Oil and gas extraction	50,925*	52,485*	67,744*	(D)	32,841*	28,848*	21,132	19,722	21,122	13,848	13,345	12,308
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	262	(D)	300	378	823	352
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,119	4,196	3,858
Construction	963,916	1,101,501	1,074,080	1,030,715	1,122,164	1,179,384	235,027	305,101	331,709	331,986	288,807	276,081
Manufacturing	5,980,527	6,482,859	6,691,931	6,703,222	6,792,644	7,230,678	493,064	569,721	633,921	667,912	691,625	725,104
Nondurable goods	1,668,697	1,781,438	1,837,753	1,919,618	2,030,574	2,082,141	71,194	81,374	89,613	94,323	116,817	118,872
Food and kindred products	184,825	178,991	173,429	181,864	195,017	207,945	16,538	18,693	18,615	19,161	21,556	21,757
Textile mill products	16,722	13,943	13,447	13,474	6,622*	6,531*	50	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	64,558*	199	180	(D)	1,557	1,818	1,638
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	338,915	370,367	395,665	420,334	436,176	458,061	52,057	59,522	66,414	69,704	89,434	91,100
Chemicals and allied products	463,370	471,943	485,223	526,231	551,867	596,242	432	525	1,117	1,601	1,472	1,476
Petroleum and coal products	226,407	241,470	265,549	258,573	296,125	265,638	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	240,021	274,435	276,424	285,520	299,438	287,358	1,439	2,027	2,071	1,895	2,081	2,368
Leather and leather products	1,016	701	728	751	801	(D)	(D)	214	205	(D)	(D)	(D)
Durable goods	4,311,830	4,701,421	4,854,178	4,783,604	4,762,070	5,148,537	421,870	488,347	544,308	573,589	574,808	606,232
Lumber and wood products	19,482	22,569	27,837	30,419	(D)	(D)	8,219	9,017	11,199	16,746	15,691	14,639
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	56,875*	7,118	9,199	10,084	9,025	9,610	9,780
Primary metal industries	816,151*	874,058*	834,926*	787,271*	879,401*	980,808*	(D)	1,789	(D)	(D)	(D)	(D)
Fabricated metal products	832,441	921,557	962,292	977,255	992,273	1,079,276	31,348	38,100	42,427	42,572	44,762	52,056
Machinery, except electrical	866,237	973,591	1,007,460	932,851	898,686	1,026,454	100,479	118,213	161,520	171,335	153,395	170,696
Electric and electronic equipment	608,713	591,082	621,581*	620,396*	603,152*	571,395	167,074	196,552	220,437	230,969	247,669	254,635
Transportation equip. excl. motor vehicles	219,531*	247,140*	278,311*	298,534*	295,336*	297,808*	(D)	(D)	(D)	(D)	(D)	1,149
Motor vehicles and equipment	567,246*	591,436*	612,519*	618,721*	586,735*	662,141*	5,643	6,745	6,927	6,563	8,763	(D)
Stone, clay, and glass products	95,616	107,003	110,534	109,739	123,168	130,671	11,652	12,995	14,332	13,768	10,738	10,565
Instruments and related products	(D)	(D)	(D)	(D)	197,204	201,157	(D)	(D)	71,020	75,971	74,831	76,348
Miscellaneous manufacturing industries	70,337	(D)	67,308	73,006	82,735	91,224	3,191	4,392	4,585	4,652	5,329	5,892
Transportation and public utilities	1,302,356	1,366,511	1,368,639	1,417,526	1,440,467	1,455,694	142,906	154,859	163,241	168,233	179,692	179,212
Railroad transportation	71,663	75,611	71,909	72,386	67,030	64,649	2,029	1,913	1,695	1,461	1,315	1,357
Trucking and warehousing	294,063	323,369	327,402	339,897	357,662	370,680	23,760	29,053	34,144	38,361	42,061	42,277
Water transportation	62,193*	68,939*	66,720*	64,585	62,134	64,554	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	(D)	(D)	207,161*	217,876*	222,884*	237,411	11,807	12,747	14,572	18,422	33,486	33,723
Communication	(D)	427,086*	394,984*	409,701*	416,982*	438,030	77,223	80,613	81,882	82,935	79,706	76,714
Electric, gas, and sanitary services	227,556	(D)	287,186	299,746	301,651	280,370	28,089	30,535	30,949	27,055	23,125	25,141
Wholesale trade	1,583,316	1,754,625	1,882,275	1,937,109	1,991,714	2,181,952	68,713	82,958	100,316	112,970	145,219	147,210
Retail trade	1,677,005	1,770,229	1,858,214	1,946,636	2,019,191	2,110,566	318,212	350,315	377,443	389,325	391,699	405,785
Finance, insurance, and real estate	1,069,572	1,110,120	1,172,900	1,315,784	1,507,229	1,661,021	127,360	160,135	199,682	223,190	225,505	221,711
Banking and credit agencies	395,842*	421,500*	432,781*	463,829*	493,001*	563,897	43,707	51,464	61,268	73,391	77,832	68,411
Other finance, insurance, and real estate[9]	635,696*	655,061*	697,853*	805,160*	959,506*	1,097,124	83,653	108,671	138,414	149,799	147,673	153,300
Services	4,302,729	4,822,772	5,302,376	5,949,593	6,576,380	7,154,456	551,158	636,651	728,608	840,203	943,979	1,053,528
Hotels and other lodging places	70,552	66,344*	70,661*	67,753*	74,976*	85,061*	34,009	36,492	40,053	45,706	50,651	52,794
Personal services	149,879	160,862	189,727	196,432	209,866	223,597	31,980	35,730	40,838	45,823	49,302	52,741
Private households	46,279	51,223	51,217	50,861	51,151	51,670	4,605	5,153	5,224	5,242	5,295	5,347
Business services	650,103	788,414	912,411	1,028,530	1,157,102	1,248,965	103,591	127,670	159,496	182,503	217,346	251,853
Auto repair, services, and garages	124,024	147,257	168,063	179,977	191,378	207,557	27,627	28,937	34,189	37,979	41,236	45,160
Miscellaneous repair services	54,539	63,432	65,055	70,155	78,307	93,424	14,149	15,998	12,547	14,159	13,928	16,685
Amusement and recreation services	102,252	114,609	124,623	137,669	141,459	171,320	14,954	16,884	20,985	24,892	26,667	28,409
Motion pictures	8,555*	10,029*	10,327*	10,999*	12,708*	14,922*	2,563	3,101	3,003	3,011	(D)	(D)
Health services	1,579,820	1,677,308	1,811,608	1,993,608	2,241,993	2,393,979	167,838	178,559	192,676	217,530	256,286	282,341
Legal services	378,700	445,955	494,018	569,431	634,646	719,079	23,377	30,677	34,485	41,771	46,790	54,661
Educational services	209,968*	236,984*	254,101*	271,198*	292,973*	316,025*	19,065	21,941	23,964	24,922	26,408	29,898
Social services	104,097*	117,482*	124,641*	139,983	152,806	172,533	12,274	16,727	19,344	22,163	24,777	27,214
Museums, botanical, zoological gardens	8,836*	9,175*	9,250*	9,931*	11,532*	12,197*	939	1,020	1,051	1,073	(D)	(D)
Membership organizations	160,997	168,756	176,903	179,953	188,211	201,109	28,968	31,848	36,042	36,572	36,385	40,624
Miscellaneous services	643,621	756,763	829,960	1,040,087	1,133,755	1,239,408	65,219	85,914	104,711	136,857	144,717	160,615
Government and government enterprises	2,154,779	2,276,077	2,419,736	2,493,334	2,620,608	2,765,659	940,158	1,008,286	1,071,935	1,164,238	1,270,278	1,349,394
Federal, civilian	531,471	553,923	589,907	583,720	627,225	659,655	192,689	205,276	210,721	219,004	233,705	243,690
Military	37,377	43,538	46,482	50,464	54,377	55,135	462,741	500,688	526,817	562,798	618,178	662,920
State and local	1,585,931	1,678,616	1,783,347	1,859,150	1,939,006	2,050,869	284,728	302,322	334,397	382,436	418,395	442,784

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Columbia, MO (MSA)						Columbia, SC (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,158,445**	**1,241,975**	**1,320,087**	**1,414,497**	**1,531,083**	**1,645,743**	**4,492,851**	**4,919,098**	**5,331,565**	**5,736,159**	**6,189,362**	**6,730,470**
Nonfarm personal income	1,155,280	1,236,034	1,308,087	1,407,483	1,522,978	1,638,764	4,489,138	4,901,611	5,318,284	5,728,520	6,178,259	6,716,877
Farm income[1]	3,165	5,941	12,000	7,014	8,105	6,979	3,713	17,487	13,281	7,639	11,103	13,593
Population (thousands)[2]	103.7	105.0	104.9	104.6	105.7	105.8	428.5	433.0	435.8	443.7	448.8	456.5
Per capita personal income (dollars)	**11,171**	**11,828**	**12,583**	**13,519**	**14,486**	**15,556**	**10,484**	**11,360**	**12,234**	**12,927**	**13,790**	**14,745**
Derivation of total personal income:												
Total earnings by place of work	859,252	923,427	991,920	1,066,081	1,155,552	1,243,951	3,653,181	4,040,154	4,356,669	4,738,777	5,117,496	5,552,216
Less: Personal contributions for social insurance[3]	44,650	48,282	53,510	58,462	62,506	70,143	205,094	227,746	257,156	287,511	308,525	346,190
Plus: Adjustment for residence	11,789	13,691	5,833	5,922	3,521	1,280	−167,587	−172,503	−173,268	−199,041	−214,945	−216,158
Equals: Net earnings by place of residence	826,391	888,836	944,243	1,013,541	1,096,567	1,175,088	3,280,500	3,639,905	3,926,245	4,252,225	4,594,026	4,989,868
Plus: Dividends, interest, and rent[5]	190,111	207,024	216,752	231,384	252,353	274,036	533,430	585,840	644,418	679,091	752,190	831,826
Plus: Transfer payments	141,943	146,115	159,092	169,572	182,163	196,619	678,921	693,353	760,902	804,843	843,146	908,776
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	718,018	766,344	819,209	874,978	947,673	1,021,183	3,136,207	3,450,991	3,729,439	4,039,438	4,350,630	4,722,875
Other labor income	60,873	63,375	64,846	69,943	76,510	84,558	286,035	306,253	318,566	342,022	375,718	407,845
Proprietors' income[6]	80,361	93,708	107,865	121,160	131,369	138,210	230,939	282,910	308,664	357,317	391,148	421,496
Farm	1,618	4,416	10,519	5,571	6,622	5,522	1,317	15,118	11,018	5,454	8,823	11,337
Nonfarm	78,743	89,292	97,346	115,589	124,747	132,688	229,622	267,792	297,646	351,863	382,325	410,159
Earnings by industry:												
Farm	3,165	5,941	12,000	7,014	8,105	6,979	3,713	17,487	13,281	7,639	11,103	13,593
Nonfarm	856,087	917,486	979,920	1,059,067	1,147,447	1,236,972	3,649,468	4,022,667	4,343,388	4,731,138	5,106,393	5,538,623
Private	523,163	569,048	606,013	662,205	717,757	790,827	2,570,857	2,896,216	3,126,225	3,409,326	3,719,741	4,047,026
Agricultural services, forestry, fisheries, and other[7]	2,383	2,333	2,860	2,829	4,047	4,614	8,757	9,756	9,910	10,109	12,012	13,361
Agricultural services	2,352	2,312	2,801	2,734	3,981	4,539	7,343	8,424	8,561	(D)	10,844	12,119
Forestry, fisheries, and other[7]	(L)	(L)	59	95	66	75	1,414	1,332	1,349	(D)	1,168	1,242
Mining	5,564	5,775	5,471	3,177	2,483	2,493	11,929	12,935	15,815	11,125	11,090	12,010
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	1,355	1,741	527	521	499	(D)	(D)	(D)	(D)	1,919	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	1,562	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,156	(D)
Construction	46,085	56,086	63,051	77,593	77,143	79,077	257,539	291,655	267,090	310,486	328,622	364,942
Manufacturing	82,485	88,410	86,135	88,210	98,632	112,222	511,193	583,470	623,708	658,882	714,207	770,864
Nondurable goods	16,257	17,570	18,393	19,148	26,306	29,009	249,034	285,929	306,274	326,170	346,902	376,698
Food and kindred products	4,677	4,713	4,807	5,103	12,061	12,661	24,748	28,346	30,822	31,395	34,827	37,815
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	0	0	0	(D)	22,455	24,680	23,610	24,178	23,320	25,119
Paper and allied products	0	0	0	0	0	0	(D)	31,661	37,722	44,274	47,323	50,744
Printing and publishing	8,259	9,066	10,157	12,006	12,005	13,781	36,601	44,609	47,900	53,545	60,375	62,452
Chemicals and allied products	(D)	2,756	2,400	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	796	830	803	924	1,104	1,166
Tobacco manufactures	0	0	0	0	0	0	653	653	718	815	(D)	(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)	0	0	0	0	0	0	0	0
Durable goods	66,228	70,840	67,742	69,062	72,326	83,213	262,159	297,541	317,434	332,712	367,305	394,166
Lumber and wood products	1,236	1,469	1,465	1,530	1,135	1,308	7,436	10,390	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,123	(D)	1,302	1,194	1,020	858
Primary metal industries	(D)	(D)	(D)	(D)	0	0	34,675*	37,442*	39,416*	39,628*	41,761*	44,952*
Fabricated metal products	2,343	(D)	(D)	2,529	(D)	(D)	53,199	57,626	61,863	63,286	69,005	78,586
Machinery, except electrical	2,375	2,672	2,906	3,353	2,997	5,435	61,824	69,600	73,303	78,975	89,023	102,703
Electric and electronic equipment	40,268	56,074	53,047	53,830	55,093	59,521	37,676	42,586	45,136	50,755	61,907	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	0	(D)	(D)	(D)	(D)	21,718	21,625*	30,168
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	6,855	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,429	(D)	(D)	(D)	(D)	(D)	18,600	21,839	20,860	20,022	22,433	25,346
Instruments and related products	(D)	(D)	393	(D)	(D)	(D)	(D)	3,196	3,584	4,810	4,829	4,922
Miscellaneous manufacturing industries	(D)	(D)	1,860	(D)	(D)	(D)	(D)	18,251	(D)	17,726	15,096	12,277
Transportation and public utilities	32,606	36,906	41,783	46,964	46,513	47,592	280,072	278,944	299,406	324,476	356,024	375,356
Railroad transportation	915	1,000	896	696	(D)	520	14,883	16,533	16,029	15,351	14,812	14,188
Trucking and warehousing	6,686	7,896	11,766	13,561	15,893	16,801	46,975	52,450	56,208	59,946	66,844	78,872
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	4,255	4,880	4,958	5,755	(D)	5,916	(D)	(D)	(D)	(D)	(D)	(D)
Communication	15,601	17,392	17,177	17,196	16,532	16,122	(D)	107,841	113,240	115,983	131,332	128,211
Electric, gas, and sanitary services	5,161	5,752	6,993	9,766	7,156	8,229	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	36,014	38,061	37,393	42,006	44,857	48,243	247,108	281,259	308,579	310,179	334,793	362,734
Retail trade	86,597	94,583	102,796	107,610	113,693	120,556	331,341	372,448	411,274	446,282	481,199	521,663
Finance, insurance, and real estate	74,667	72,326	77,896	83,613	93,549	102,246	304,234	340,161	381,880	413,529	438,653	464,401
Banking and credit agencies	10,292	11,535	12,273	14,572	15,068	16,064	135,145	148,616	164,434	174,400	168,407	178,868
Other finance, insurance, and real estate[9]	64,375	60,791	65,623	69,041	78,481	86,182	169,089	191,545	217,446	239,129	270,246	285,533
Services	156,762	174,568	188,628	210,203	236,840	273,784	618,684	725,588	808,563	924,258	1,043,141	1,161,695
Hotels and other lodging places	7,600	8,169	(D)	(D)	(D)	(D)	15,442	19,414	21,516	24,725	27,420	29,747
Personal services	8,186	8,664	11,443	12,695	13,423	14,373	33,566	36,944	44,329	48,086	51,937	57,248
Private households	2,383	2,654	2,666	2,664	2,691	2,728	52,267	58,801	59,474	59,717	60,536	61,808
Business services	22,060	27,162	29,463	37,585	41,991	47,168	108,097	136,218	159,986	182,114	212,429	251,359
Auto repair, services, and garages	6,282	7,249	8,273	9,614	11,642	13,489	25,406	29,455	34,315	37,897	43,937	47,674
Miscellaneous repair services	2,158	2,344	1,802	2,376	2,784	3,152	11,607	14,552	16,360	16,848	20,009	21,795
Amusement and recreation services	1,812	2,079	2,310	2,751	3,245	3,421	7,160	7,878	8,620	9,466	10,705	11,879
Motion pictures	398	420	531	567	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	60,678	65,319	70,961	73,958	88,342	109,943	163,631	181,219	201,261	227,499	262,599	283,412
Legal services	6,958	8,662	9,015	11,687	12,441	13,537	53,172	65,491	71,883	85,281	97,591	112,352
Educational services	11,170	11,787	(D)	(D)	13,436	14,486	19,674*	23,133*	25,572*	25,459*	28,955	31,809
Social services	7,766	8,470	10,129	11,504	12,026	13,428	14,231	15,694	18,582	24,749	29,376	36,203
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,816	8,103	8,702	9,291	9,770	10,822	29,750	31,012	32,114	33,570	34,987	37,883
Miscellaneous services	11,495	13,486	12,624	14,469	15,175	16,945	81,990	102,332	110,825	145,143	159,542	175,200
Government and government enterprises	332,924	348,438	373,907	396,862	429,690	446,145	1,078,611	1,126,451	1,217,163	1,321,812	1,386,652	1,491,597
Federal, civilian	51,711	54,711	58,265	60,196	65,491	69,630	174,618	186,137	197,258	198,624	213,649	222,964
Military	4,507	4,878	4,956	5,082	5,424	5,569	216,999	193,524	182,202	200,223	182,499	173,470
State and local	276,706	288,849	310,686	331,584	358,775	370,946	686,994	746,790	837,703	922,965	990,504	1,095,163

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Columbus, GA—AL (MSA)						Columbus, OH (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,247,720**	**2,451,581**	**2,615,281**	**2,770,586**	**2,961,217**	**3,141,936**	**14,954,905**	**16,414,637**	**17,698,917**	**18,877,799**	**20,294,731**	**21,846,275**
Nonfarm personal income	2,243,989	2,446,647	2,611,694	2,767,376	2,957,147	3,136,157	14,935,627	16,295,008	17,568,978	18,755,701	20,181,359	21,747,073
Farm income[1]	3,731	4,934	3,587	3,210	4,070	5,779	19,278	119,629	129,939	122,098	113,372	99,202
Population (thousands)[2]	243.6	246.0	247.6	245.6	246.9	246.9	1,267.3	1,275.1	1,286.8	1,307.6	1,325.7	1,344.3
Per capita personal income (dollars)	**9,227**	**9,967**	**10,562**	**11,282**	**11,993**	**12,726**	**11,801**	**12,873**	**13,755**	**14,437**	**15,309**	**16,251**
Derivation of total personal income:												
Total earnings by place of work	1,733,195	1,921,158	2,043,797	2,180,363	2,348,221	2,449,572	11,517,434	12,800,582	13,912,179	14,942,668	16,122,228	17,434,046
Less: Personal contributions for social insurance[3]	93,809	105,534	116,306	123,807	133,504	146,012	764,930	848,258	962,570	1,052,228	1,126,039	1,261,944
Plus: Adjustment for residence	−138,886	−155,023	−172,065	−181,904	−194,828	−183,250	−241,743	−269,377	−317,645	−355,029	−393,821	−441,598
Equals: Net earnings by place of residence	1,500,500	1,660,601	1,755,426	1,874,652	2,019,889	2,120,310	10,510,761	11,682,947	12,631,964	13,535,411	14,602,368	15,730,504
Plus: Dividends, interest, and rent[5]	292,373	326,061	354,241	363,591	389,742	429,261	2,117,857	2,308,329	2,425,491	2,544,112	2,718,010	2,966,398
Plus: Transfer payments	454,847	464,919	505,614	532,343	551,586	592,365	2,326,287	2,423,361	2,641,462	2,798,276	2,974,353	3,149,373
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,514,934	1,674,300	1,779,333	1,893,492	2,030,082	2,109,848	9,753,330	10,769,658	11,760,127	12,604,036	13,638,075	14,805,774
Other labor income	118,989	130,684	134,693	143,938	159,601	169,164	936,105	998,125	1,033,268	1,112,448	1,177,696	1,258,549
Proprietors' income[6]	99,272	116,174	129,771	142,933	158,538	170,560	827,999	1,032,799	1,118,784	1,226,184	1,306,457	1,369,723
Farm	2,792	4,012	2,684	2,324	3,141	4,851	−815	99,855	110,495	102,990	93,530	79,578
Nonfarm	96,480	112,162	127,087	140,609	155,397	165,709	828,814	932,944	1,008,289	1,123,194	1,212,927	1,290,145
Earnings by industry:												
Farm	3,731	4,934	3,587	3,210	4,070	5,779	19,278	119,629	129,939	122,098	113,372	99,202
Nonfarm	1,729,464	1,916,224	2,040,210	2,177,153	2,344,151	2,443,793	11,498,156	12,680,953	13,782,240	14,820,570	16,008,856	17,334,844
Private	1,113,799	1,261,046	1,340,464	1,430,767	1,576,355	1,642,013	9,451,246	10,493,570	11,450,432	12,343,956	13,340,857	14,350,952
Agricultural services, forestry, fisheries, and other[7]	4,312	4,611	5,136	5,799	6,667	6,859	70,081	74,396	75,671	81,890	95,773	97,633*
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	68,905	73,344	71,048*	81,559	92,555*	94,056*
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	1,176	1,052	567*	331	(D)	(D)
Mining	4,823	5,224	7,085	3,053	3,238	3,403	51,574	55,227	61,258	40,083	37,556	35,731*
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	6,321*	7,963	8,216*	8,226	4,457	3,829
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	36,878*	37,173*	43,111*	20,080*	18,660*	18,111*
Metal mining	0	0	0	0	0	0	(D)	(L)	(L)	(L)	105	82
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	7,686*	9,385*	8,735*	10,510*	12,825*	13,283*
Construction	80,239*	103,151*	108,825	121,421	135,300	135,695*	533,431	614,693	705,213	788,196	913,606	1,002,328
Manufacturing	363,042*	411,754*	421,642	443,383	474,759*	479,137	2,665,794	2,958,411	3,121,178	3,218,548	3,223,942	3,357,099
Nondurable goods	279,559*	294,248*	288,341*	294,840*	324,747*	316,037	891,403	955,709	1,007,106	1,073,196	1,137,535	1,225,904
Food and kindred products	79,888*	82,574*	87,558*	87,388*	95,731*	92,829*	(D)	(D)	(D)	(D)	346,309*	374,342*
Textile mill products	139,438	141,776	126,797	130,184	144,390	129,457	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	7,707*	(D)	(D)	(D)	7,985	(D)	(D)	(D)	(D)	(D)	15,523*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	18,532*	22,517	24,380	26,845	30,671	32,124	195,680*	205,316*	228,140*	242,550*	266,880	287,436*
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	6,788	6,331*	7,892*	10,273*	11,023*	11,687
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	7,389*	9,116*	10,032*	11,231*	11,709*	13,401*	(D)	(D)	(D)	(D)	133,213*	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	83,483	117,506	132,686*	147,840*	150,012	163,100	1,774,391	2,002,702	2,114,072	2,145,352	2,086,407	2,131,195
Lumber and wood products	5,860	10,813	12,223*	15,161*	15,142	14,902	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	25,983*	29,484*	29,446*	28,645*	30,343*	35,015*
Primary metal industries	(D)	(D)	30,839*	29,981*	27,903*	27,318*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	285,341*	311,773*	330,500*	306,601*	293,582*	297,393
Machinery, except electrical	12,217*	15,955*	19,724	20,609	20,675	23,872*	229,541*	267,737*	262,940*	255,074*	251,476*	296,626*
Electric and electronic equipment	19,835	22,794	22,961*	23,299*	23,903*	22,489*	277,751*	299,113*	307,970*	284,371*	287,162*	(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)	(D)	704*	(D)	24,769*	27,254*	27,034*	28,210*	32,049*
Transportation and public utilities	83,936*	91,006	89,065	95,503*	101,931*	102,832*	765,757	837,346	837,288	897,985	959,059	1,036,464
Railroad transportation	(D)	(D)	(D)	(D)	11,719*	10,838	62,686	65,095	62,163	62,775	58,304	52,211
Trucking and warehousing	20,420	25,553	25,553	27,738	30,597	32,269	272,600	313,382	314,263	323,022	355,225	384,973
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(L)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	66,221*	(D)	(D)	96,081*	101,746*	119,833*
Communication	27,606	28,326*	29,123	29,512	31,396	30,520	233,988*	249,662*	237,051*	252,951*	269,999*	283,754*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	23,704	24,686	118,326*	127,703*	137,490*	154,334*	169,011*	186,736*
Wholesale trade	56,038	62,511*	67,496	67,525*	69,870	69,496	713,652	797,355	869,433	900,479	1,017,151	1,092,820
Retail trade	170,547	186,556	201,246	213,349	237,295	243,435	1,315,664	1,426,972	1,565,968	1,688,370	1,820,270	1,985,800
Finance, insurance, and real estate	109,872	131,033	142,002	148,259	173,241	183,617	971,153	1,056,686	1,172,397	1,371,078	1,507,345	1,640,303
Banking and credit agencies	(D)	(D)	(D)	47,289	49,735	56,835	237,516*	(D)	(D)	344,043*	(D)	(D)
Other finance, insurance, and real estate[9]	75,844*	93,434*	100,027*	100,970	123,506	126,782	703,175*	(D)	(D)	977,256*	(D)	(D)
Services	238,834	262,759	297,967	331,259	372,178	415,194	2,364,140	2,672,484	3,042,026	3,357,327	3,766,155	4,096,799
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	60,588*	71,181*	82,956*	85,508*	95,098*	102,269*
Personal services	14,048*	15,625*	19,924*	21,323*	23,866	25,172	113,540	121,487	151,573	167,976	185,446	189,642
Private households	12,321	13,859	14,136	14,313	14,632	14,976	26,987	29,859	29,856	29,668	29,840	29,603*
Business services	30,860*	30,625*	36,549*	42,823*	50,407*	63,669	405,295*	502,959	635,299	665,433	767,344	836,123
Auto repair, services, and garages	13,094	15,443	16,771	17,873	19,374	19,798	72,939	85,239	94,908	106,668	118,243	130,485
Miscellaneous repair services	3,075*	3,872*	3,775*	4,290*	4,997*	5,714*	28,755	33,590	33,321	33,608	37,867	42,669
Amusement and recreation services	3,662*	3,842*	3,804*	4,204*	4,794*	4,873*	(D)	(D)	48,398	53,371	60,469	64,730
Motion pictures	1,897*	2,008*	2,210*	2,107*	2,547*	2,744*	(D)	5,117*	(D)	7,486*	(D)	(D)
Health services	91,132	100,991	113,472	122,839	137,860	153,929	744,465	814,677	902,263	986,442	1,120,928	1,219,008
Legal services	19,202	21,194	23,776	27,307	30,296*	35,633*	175,004	203,127	222,306	249,440	270,986	302,275
Educational services	4,110*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	162,188*	(D)
Social services	4,141*	4,821*	5,749*	6,242*	6,468*	6,971*	79,921*	89,440*	100,473*	113,924*	132,326*	146,509*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	12,880	13,231	13,636	13,377	13,735	14,613	133,131	142,356	153,253	162,381	174,410	192,047
Miscellaneous services	20,790	25,492	31,281	38,809	44,246	46,631	341,844	383,112	423,647	522,949	570,767	621,857
Government and government enterprises	615,665	655,178	699,746	746,386	767,796	801,780	2,046,910	2,187,383	2,331,808	2,476,614	2,667,999	2,983,892
Federal, civilian	126,408	137,963	159,054	166,064	174,290	186,867	394,653	410,432	435,824	427,246	453,367	475,029
Military	309,107	327,615	338,405	360,681	358,397	362,434	33,807	39,241	42,235	44,603	45,233	46,272
State and local	180,150	189,600	202,287	219,641	235,109	252,479	1,618,450	1,737,710	1,853,749	2,004,765	2,169,399	2,462,591

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Corpus Christi, TX (MSA)						Cumberland, MD—WV (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,783,091**	**4,033,586**	**4,282,359**	**4,189,011**	**4,191,839**	**4,442,083**	**1,017,328**	**1,070,292**	**1,103,875**	**1,148,486**	**1,204,318**	**1,282,966**
Nonfarm personal income	3,755,842	3,997,605	4,247,082	4,160,174	4,145,223	4,395,622	1,013,458	1,064,691	1,099,707	1,143,930	1,199,725	1,277,158
Farm income[1]	27,249	35,981	35,277	28,837	46,616	46,461	3,870	5,601	4,168	4,556	4,593	5,808
Population (thousands)[2]	355.2	357.4	359.7	362.4	359.1	358.0	105.9	104.3	103.2	102.9	102.6	102.4
Per capita personal income (dollars)	**10,651**	**11,286**	**11,904**	**11,561**	**11,674**	**12,408**	**9,610**	**10,261**	**10,701**	**11,165**	**11,734**	**12,531**
Derivation of total personal income:												
Total earnings by place of work	2,970,158	3,170,110	3,336,553	3,152,768	3,090,500	3,267,836	667,916	702,608	728,559	743,937	786,414	845,735
Less: Personal contributions for social insurance[3]	156,897	167,133	184,907	177,576	172,809	190,036	41,261	44,215	49,425	50,434	52,911	60,545
Plus: Adjustment for residence	−82,039	−88,171	−82,743	−86,001	−72,610	−83,912	−16,548	−16,201	−22,420	−14,970	−14,554	−22,363
Equals: Net earnings by place of residence	2,731,222	2,914,806	3,068,903	2,889,191	2,845,081	2,993,888	610,107	642,192	656,714	678,533	718,949	762,827
Plus: Dividends, interest, and rent[5]	520,700	571,223	634,086	658,259	659,756	715,334	154,665	167,244	170,895	188,340	193,420	212,821
Plus: Transfer payments	531,169	547,557	579,370	641,561	687,002	732,861	252,556	260,856	276,266	281,613	291,949	307,318
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,394,015	2,522,206	2,635,582	2,506,591	2,450,842	2,582,945	549,134	576,857	601,821	611,847	646,796	697,144
Other labor income	261,601	263,919	254,995	251,126	250,331	272,113	61,510	61,318	60,813	60,799	64,021	67,548
Proprietors' income[6]	314,542	383,985	445,976	395,051	389,327	412,778	57,272	64,433	65,925	71,291	75,597	81,043
Farm	17,914	26,817	26,179	19,811	37,057	36,878	3,007	4,757	3,332	3,722	3,714	4,920
Nonfarm	296,628	357,168	419,797	375,240	352,270	375,900	54,265	59,676	62,593	67,569	71,883	76,123
Earnings by industry:												
Farm	27,249	35,981	35,277	28,837	46,616	46,461	3,870	5,601	4,168	4,556	4,593	5,808
Nonfarm	2,942,909	3,134,129	3,301,276	3,123,931	3,043,884	3,221,375	664,046	697,007	724,391	739,381	781,821	839,927
Private	2,365,632	2,530,427	2,642,243	2,449,678	2,354,449	2,505,917	567,567	596,503	611,831	620,424	658,622	708,580
Agricultural services, forestry, fisheries, and other[7]	16,009	13,231	18,167	16,982	17,543	18,369	1,958	1,882	1,985	931	1,579	1,956
Agricultural services	9,988	10,885	12,410	10,962	13,771	14,202	1,654	1,637	1,886	933	1,544	1,928
Forestry, fisheries, and other[7]	6,021	2,346	5,757	6,020	3,772	4,167	304	245	99	(L)	(L)	(L)
Mining	258,020	274,542	278,143	227,493	163,151	142,914	15,041	16,913	16,380	15,616	12,800	11,196
Coal mining	(L)	108	(D)	(D)	(D)	(D)	(D)	15,075	14,016	13,719	10,792	9,355
Oil and gas extraction	253,599	269,173	272,553	221,241	157,055	137,170	1,046	1,105	1,511	557	554	557
Metal mining	261	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	4,154	(D)	5,158	5,917	5,108	(D)	(D)	740	856	1,341	1,436	1,270
Construction	296,149	276,205	268,309	241,547	215,215	247,445	33,383	49,468	46,744	37,764	53,981	73,153
Manufacturing	404,881	419,708	418,247	405,757	394,272	470,807	209,149	206,415	217,453	224,764	215,898	211,855
Nondurable goods	303,720	323,911	324,143	332,586	319,505	395,984	162,435	155,920	162,304	162,503	(D)	136,007
Food and kindred products	(D)	39,799*	(D)	41,065*	41,222*	37,947	9,798	9,941	10,449	8,852	9,245	9,274
Textile mill products	0	0	(D)	(D)	0	0	0	0	0	0	0	0
Apparel and other textile products	12,324	11,460	13,626	(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	14,776*	16,544	17,139*	17,782*	16,561*	(D)	5,660	5,119*	5,073*	5,219*	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Petroleum and coal products	124,478	122,455	116,896	123,612	127,832	141,307	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)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	0	0	0	(D)	0	0	0	0	0	0	0
Durable goods	101,161	95,797	94,104	73,171	74,767	74,823	46,714	50,495	55,149	62,261	(D)	75,848
Lumber and wood products	3,228*	3,491*	3,602*	3,390*	2,902	2,568	8,581	9,453	10,619	11,927	12,650	11,728
Furniture and fixtures	1,281	1,281	1,327	1,278	(D)	1,159	0	(D)	0	0	0	0
Primary metal industries	(D)	17,303	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	14,382*	14,878*	16,036*	14,019*	12,711*	11,954*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	23,549	(D)	19,429	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	10,078	9,569*	9,209	9,095	9,587	10,248	(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)	342	(D)	464	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	7,144	7,191	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	6,006	5,378	5,775	5,241	5,195	4,260	(D)	(D)	(D)	(D)	(D)	541
Miscellaneous manufacturing industries	1,585	2,654	2,890	2,671	2,081	1,955	(D)	(D)	(D)	0	0	(D)
Transportation and public utilities	174,085	253,902	291,288	207,843	171,827	176,493	87,339	90,918	89,445	81,341	84,613	92,907
Railroad transportation	6,965	11,984	6,837	6,168	6,019	4,436	49,371	53,097	53,273	53,419	55,562	61,507
Trucking and warehousing	40,118	43,817	40,681	38,546	37,517	40,517	9,660	(D)	10,208	11,292	12,151	13,505
Water transportation	10,992	8,932	11,161	5,375	5,358	7,681	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	26,702	29,474	28,925	27,559	31,457	34,102	(D)	(D)	(D)	(D)	(D)	(D)
Communication	69,450	67,012	63,686	63,587	63,961	59,265	(D)	(D)	(D)	5,843	6,439	6,789
Electric, gas, and sanitary services	19,858	92,683	139,998	66,608	27,515	30,492	6,281	7,124	7,362	6,506	5,717	6,175
Wholesale trade	153,951	163,432	170,549	154,645	138,652	144,378	16,125	17,268	16,455	20,656	23,477	23,210
Retail trade	354,025	364,108	378,451	344,557	335,363	340,885	72,893	73,472	76,850	81,084	89,118	98,118
Finance, insurance, and real estate	127,167	136,207	144,490	153,337	158,189	151,901	18,296	18,823	20,111	20,569	24,296	25,968
Banking and credit agencies	52,361	55,434	58,474	58,508	58,880	59,498	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	74,806	80,773	86,016	94,829	99,309	92,403	7,369*	8,461*	9,173*	9,071*	11,245*	12,757*
Services	581,345	629,092	674,599	697,517	760,237	812,725	113,383	121,344	126,408	137,699	152,860	170,217
Hotels and other lodging places	13,918	19,641	23,974	21,907	21,427	20,075	1,848	(D)	1,841	(D)	(D)	(D)
Personal services	32,594	32,069	37,630	37,125	37,114	39,538	(D)	7,722	(D)	(D)	(D)	(D)
Private households	21,891	24,648	25,116	25,418	25,611	25,868	(D)	(D)	(D)	(D)	4,974	5,054
Business services	124,539	135,925	144,828	135,985	146,183	148,115	5,200	5,901	7,565	9,666	10,415	10,680
Auto repair, services, and garages	29,308	29,961	32,250	30,303	31,014	33,360	3,850	4,307	4,776	5,327	5,579	6,307
Miscellaneous repair services	14,784	15,317	13,868	13,465	13,695	15,036	2,107	2,236	2,179	2,173*	(D)	(D)
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	10,181	1,397	1,478	1,488	1,586	(D)	(D)
Motion pictures	1,157*	1,314	1,485	1,382	1,454	(D)	(D)	82	68	105	(L)	86
Health services	198,076	208,250	225,756	240,032	271,809	295,727	68,734	71,924	72,364	76,137	87,449	97,661
Legal services	51,554	58,801	66,391	80,371	95,410	107,512	2,740	3,120	3,384	4,287	4,681	5,529
Educational services	7,519	8,480	9,647	10,652	12,003	13,459	1,867	1,861	1,986	2,026	2,421	2,698
Social services	7,406	8,134	8,563	9,141	10,365	11,413	3,329	3,641	4,285	4,613	4,912	5,676
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Membership organizations	20,165	20,712	22,423	24,126	25,212	27,840	7,392	7,598	7,227	7,792	8,044	8,781
Miscellaneous services	50,485	56,341	52,726	56,708	58,747	63,135	3,253	4,710	4,738	6,255	7,319	7,837
Government and government enterprises	577,277	603,702	659,033	674,253	689,435	715,458	96,479	100,504	112,560	118,957	123,199	131,347
Federal, civilian	168,793	180,521	201,914	202,818	194,500	201,761	6,818	7,175	8,412	8,570	8,920	9,377
Military	71,091	64,319	69,292	72,381	76,097	77,869	2,452	2,518	2,823	3,237	3,441	3,577
State and local	337,393	358,862	387,827	399,054	418,838	435,828	87,209	90,811	101,325	107,150	110,838	118,393

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Dallas, TX (PMSA)						Danville, VA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**32,047,192**	**36,224,372**	**40,038,672**	**41,936,558**	**43,692,774**	**45,987,397**	**1,099,698**	**1,197,607**	**1,222,778**	**1,280,537**	**1,369,232**	**1,474,456**
Nonfarm personal income	31,969,215	36,165,218	39,973,975	41,874,232	43,629,136	45,919,398	1,090,220	1,169,011	1,210,060	1,273,796	1,360,913	1,459,830
Farm income[1]	77,977	59,154	64,697	62,326	63,638	67,999	9,478	28,596	12,718	6,741	8,319	14,626
Population (thousands)[2]	2,154.4	2,228.3	2,322.2	2,410.1	2,458.0	2,475.2	111.0	111.1	110.8	109.0	108.2	108.1
Per capita personal income (dollars)	**14,876**	**16,257**	**17,242**	**17,400**	**17,775**	**18,580**	**9,904**	**10,780**	**11,037**	**11,751**	**12,658**	**13,643**
Derivation of total personal income:												
Total earnings by place of work	28,666,130	32,782,415	36,379,683	38,162,342	39,387,288	41,146,002	725,067	774,948	779,341	813,404	881,362	948,050
Less: Personal contributions for social insurance[3]	1,537,429	1,769,106	2,066,303	2,186,509	2,236,869	2,428,273	40,814	42,472	45,665	48,918	52,754	59,456
Plus: Adjustment for residence	−2,175,291	−2,590,412	−3,055,714	−3,360,919	−3,375,391	−3,412,022	71,615	81,518	83,772	89,539	101,702	102,713
Equals: Net earnings by place of residence	24,953,410	28,422,897	31,257,666	32,614,914	33,775,028	35,305,707	755,868	813,994	817,448	854,025	930,310	991,307
Plus: Dividends, interest, and rent[4]	4,535,258	5,163,473	5,900,540	6,180,131	6,542,412	7,058,856	160,831	192,522	203,576	209,854	215,994	238,485
Plus: Transfer payments	2,558,524	2,638,002	2,880,466	3,141,513	3,375,334	3,622,834	182,999	191,091	201,754	216,658	222,928	244,664
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	23,640,610	27,185,029	30,244,781	31,559,161	32,461,316	33,948,334	597,321	623,693	639,078	668,522	723,047	771,977
Other labor income	2,475,532	2,699,885	2,843,848	3,081,955	3,192,066	3,333,393	65,718	63,761	62,737	66,329	70,169	75,138
Proprietors' income[5]	2,549,988	2,897,501	3,291,054	3,521,226	3,733,906	3,864,275	62,028	87,494	77,526	78,553	88,146	100,935
Farm	67,205	48,543	54,309	52,135	52,950	57,389	5,189	24,389	8,513	2,571	3,908	10,178
Nonfarm	2,482,783	2,848,958	3,236,745	3,469,091	3,680,956	3,806,886	56,839	63,105	69,013	75,982	84,238	90,757
Earnings by industry:												
Farm	77,977	59,154	64,697	62,326	63,638	67,999	9,478	28,596	12,718	6,741	8,319	14,626
Nonfarm	28,588,153	32,723,261	36,314,986	38,100,016	39,323,650	41,078,003	715,589	746,352	766,623	806,663	873,043	933,424
Private	25,978,753	29,867,558	33,182,659	34,748,937	35,764,959	37,250,799	640,238	666,786	679,774	713,528	771,652	823,884
Agricultural services, forestry, fisheries, and other[7]	87,956	100,287	116,923	118,878	136,295	146,997	1,590	1,609	1,548	1,654	2,288	2,400
Agricultural services	85,491	91,072*	106,303*	116,274	134,265	134,719*	1,385	1,375	1,330	1,410	2,068	2,266
Forestry, fisheries, and other[7]	2,465	1,550*	2,080*	2,604	2,030	(D)	205	234	218	244	220	134
Mining	1,139,607	1,219,077	1,281,321	1,188,593	1,120,857	1,144,730	1,166	1,179	2,268	694	571	572
Coal mining	(D)	(D)	(D)	(D)	8,159*	7,253	0	0	0	0	0	0
Oil and gas extraction	1,050,403*	1,108,109*	1,164,670*	1,064,268*	1,020,058*	1,045,967*	(D)	1,100	1,666	456	408	397
Metal mining	(D)	(D)	(D)	232	(D)	(L)	0	0	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	19,327*	20,960*	(D)	21,836*	(D)	25,059*	(D)	79	(D)	(D)	(D)	(D)
Construction	2,280,128	2,697,420	2,952,565	2,920,556	2,574,304	2,371,739	34,395	37,738	39,560	44,308	50,980	63,265
Manufacturing	5,291,062	6,043,606	6,685,055	6,869,392	7,091,599	7,489,194	355,346	358,441	350,899	364,467	386,953	399,499
Nondurable goods	1,571,525	1,739,284	1,860,837	1,989,681	2,044,938	2,125,877	297,192	294,873	284,695	296,070	310,612	315,692
Food and kindred products	365,586*	391,867*	432,227*	481,254*	488,137*	494,705*	4,170	3,981	(D)	(D)	(D)	5,631
Textile mill products	8,542*	9,892	8,860*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	169,030*	175,488*	174,011*	169,964*	184,560*	185,264*	(D)	(D)	(D)	(D)	(D)	13,147
Paper and allied products	146,634*	176,270*	165,756*	159,041*	181,480*	192,640*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	444,568*	504,953*	576,344	625,044*	619,898*	629,341*	(D)	(D)	(D)	8,878	10,127	(D)
Chemicals and allied products	237,570*	246,786*	281,492	283,656*	283,222*	304,393*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	52,142	60,922*	54,875*	90,283*	98,517*	109,744	0	0	0	0	0	0
Tobacco manufactures	0	(D)	300	310	0	0	26,454	25,715	28,370	27,885	(D)	24,839
Rubber and misc. plastic products	117,620*	141,750*	143,861*	144,344	149,978*	165,378*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	3,719,537	4,304,322	4,824,218	4,879,711	5,046,661	5,363,317	58,154	63,568	66,204	68,397	76,341	83,807
Lumber and wood products	90,004*	110,692*	123,545*	125,120*	123,906*	119,443*	19,750	20,976	21,102	22,102	23,783	25,108
Furniture and fixtures	(D)	(D)	(D)	86,174*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	116,522	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	363,832*	405,823*	408,691*	417,978	405,877	397,344	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	694,040*	795,735*	828,558	534,033*	508,754*	573,857*	2,501	2,958	2,789	3,026	3,769	(D)
Electric and electronic equipment	1,355,927*	1,569,845*	1,902,553*	2,066,923*	2,211,107*	2,301,621*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	472,947*	543,572*	663,441*	777,237*	812,609*	863,489*	(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	187,276*	224,059	242,294*	255,690*	228,900*	221,179*	20,270	21,751	24,833	(D)	(D)	30,315
Instruments and related products	152,540*	168,396*	159,322*	165,612*	157,063*	214,062*	0	0	0	0	0	0
Miscellaneous manufacturing industries	52,989	79,783	77,604	68,824	89,303	109,952*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,418,590	2,658,449	2,915,064	3,115,228	3,306,584	3,393,401	26,887	28,035	29,191	31,908	34,164	34,805
Railroad transportation	52,073	54,951	51,683	51,174	53,404	49,048	4,278	5,181	5,400	5,565	6,002	5,116
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	10,459	11,522	11,772	13,126	14,130	14,804
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	661,197*	662,684*	735,722*	767,899*	876,115*	900,907*	8,308	7,307	7,313	7,415	7,940	8,422
Electric, gas, and sanitary services	309,147*	331,951*	378,066*	387,037*	357,096*	372,373	1,642	1,887	2,607	3,692	4,078	4,479
Wholesale trade	3,158,569	3,456,796	3,763,831	3,964,876	3,971,804	4,174,149	22,550	25,560	26,453	28,592	33,480	34,811
Retail trade	2,990,497	3,491,848	3,811,256	3,960,726	3,940,103	4,008,073	72,792	77,485	82,960	85,204	88,896	96,728
Finance, insurance, and real estate	2,772,161	3,316,687	3,840,133	4,106,760	4,273,746	4,404,551	18,151	19,129	19,796	20,866	23,757	25,031
Banking and credit agencies	753,951	906,641	1,084,071*	1,185,170*	1,186,981*	1,207,999*	8,790	9,308	10,199	10,749	11,301	12,204
Other finance, insurance, and real estate[9]	2,018,210	2,410,046	2,750,022*	2,915,284*	3,079,357*	3,189,565*	9,361	9,821	9,597	10,117	12,456	12,827
Services	5,840,183	6,883,388	7,816,511	8,503,928	9,349,667	10,117,965	107,361	117,610	127,099	135,835	150,563	166,773
Hotels and other lodging places	250,835*	282,226*	288,464*	315,005*	334,824*	329,067*	2,353	2,478	(D)	(D)	(D)	(D)
Personal services	323,144	362,603	402,659	430,948	440,965	453,780	8,165	8,586	11,237	11,094	11,730	14,613
Private households	108,875	122,641	124,953	126,441	127,377	128,665	11,595	13,031	13,184	13,287	13,558	13,899
Business services	1,683,070	2,029,954	2,446,513	2,601,919	2,908,635	3,133,952	4,754	5,863	6,701	7,448	8,311	9,965
Auto repair, services, and garages	233,115	284,173	315,175	342,381	364,498	378,946	5,694	6,564	7,369	7,502	8,222	9,499
Miscellaneous repair services	90,700	114,912	109,837	113,731	129,151	134,203	2,947	3,517	3,139	3,940	4,470	4,529
Amusement and recreation services	117,892*	140,977*	154,018*	163,647*	176,730*	209,682*	1,109	1,608	1,386	1,643	1,863	1,648
Motion pictures	42,656*	48,298*	58,470*	63,129*	61,576*	71,764*	(D)	(D)	181	150	94	102
Health services	1,332,489	1,447,330	1,626,348	1,762,356	2,045,029	2,274,835	48,570	51,478	55,049	55,666	64,283	69,817
Legal services	520,919	662,414	769,543	917,910	1,037,805	1,199,152	4,076	5,341	5,713	6,280	6,654	7,391
Educational services	139,074*	157,220*	182,035*	192,445*	216,239*	240,846*	5,519	5,638	6,143	6,591	7,146	7,740
Social services	89,482*	109,121*	118,493*	113,997*	124,466*	139,228*	2,721	3,006	3,332	7,285	7,771	8,834
Museums, botanical, zoological gardens	2,676*	3,774*	4,424*	5,379*	5,687*	7,672*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	172,233	186,556	209,011	223,862	241,149	260,880	6,109	6,199	5,894	5,792	5,952	6,345
Miscellaneous services	730,060	926,009	1,001,056	1,123,527	1,128,466	1,151,450	3,651	4,105	5,219	6,851	7,664	9,548
Government and government enterprises	2,609,400	2,855,703	3,132,327	3,351,079	3,558,691	3,827,204	75,351	79,566	86,849	93,135	101,391	109,540
Federal, civilian	618,453	687,367	752,078	774,730	808,166	902,916	6,800	7,209	7,523	7,602	7,912	8,312
Military	67,110	73,027	84,871	90,266	96,993	102,117	2,408	2,780	3,210	3,750	3,984	4,161
State and local	1,923,837	2,095,309	2,295,378	2,486,083	2,653,532	2,822,171	66,143	69,577	76,116	81,783	89,495	97,067

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Davenport—Rock Island—Moline, IA—IL (MSA)						Dayton—Springfield, OH (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,465,391**	**4,812,550**	**4,956,176**	**5,009,074**	**5,267,567**	**5,538,919**	**10,934,071**	**11,952,617**	**12,745,886**	**13,446,303**	**14,142,416**	**15,269,303**
Nonfarm personal income	4,498,366	4,755,583	4,906,753	4,950,723	5,196,964	5,489,893	10,934,645	11,894,130	12,680,645	13,385,697	14,081,356	15,215,509
Farm income[1]	−32,975	56,967	49,423	58,351	70,603	49,026	−574	58,487	65,241	60,606	61,060	53,794
Population (thousands)[2]	383.7	381.2	376.9	370.5	366.2	364.2	929.1	929.2	930.5	937.0	942.0	948.0
Per capita personal income (dollars)	**11,639**	**12,626**	**13,149**	**13,519**	**14,384**	**15,208**	**11,769**	**12,864**	**13,697**	**14,350**	**15,013**	**16,107**
Derivation of total personal income:												
Total earnings by place of work	3,294,997	3,636,623	3,753,236	3,733,405	3,979,398	4,151,331	8,214,527	9,183,521	9,886,444	10,393,436	10,862,455	11,813,737
Less: Personal contributions for social insurance[3]	203,787	220,766	239,870	245,046	257,857	281,488	530,245	593,229	666,561	715,448	741,305	837,235
Plus: Adjustment for residence	−166,721	−193,419	−215,343	−197,346	−216,640	−219,446	−362,192	−430,577	−466,773	−483,811	−487,106	−532,770
Equals: Net earnings by place of residence	2,924,489	3,222,438	3,298,023	3,291,013	3,504,901	3,650,397	7,322,090	8,159,715	8,753,110	9,194,177	9,634,044	10,443,732
Plus: Dividends, interest, and rent[4]	814,083	874,625	896,965	925,184	938,485	1,021,485	1,650,782	1,781,854	1,857,144	1,954,287	2,076,798	2,265,539
Plus: Transfer payments	726,819	715,487	761,188	792,877	824,181	867,037	1,961,199	2,011,048	2,135,632	2,297,839	2,431,574	2,560,032
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,740,224	2,943,488	3,048,574	3,003,142	3,187,045	3,333,749	7,009,975	7,809,602	8,453,490	8,874,124	9,261,399	10,086,412
Other labor income	297,129	306,114	300,966	297,667	319,411	335,446	724,467	788,503	807,959	848,021	870,464	954,676
Proprietors' income[5]	257,644	387,021	403,696	432,596	472,942	482,136	480,085	585,416	624,995	671,291	730,592	772,649
Farm	−42,501	47,610	40,312	49,494	61,487	40,096	−12,295	46,962	53,874	49,372	49,309	42,111
Nonfarm	300,145	339,411	363,384	383,102	411,455	442,040	492,380	538,454	571,121	621,919	681,283	730,538
Earnings by industry:												
Farm	−32,975	56,967	49,423	58,351	70,603	49,026	−574	58,487	65,241	60,606	61,060	53,794
Nonfarm	3,327,972	3,579,656	3,703,813	3,675,054	3,908,795	4,102,305	8,215,101	9,125,034	9,821,203	10,332,830	10,801,395	11,759,943
Private	2,750,573	2,956,111	3,038,782	3,019,848	3,227,705	3,395,141	6,602,340	7,415,403	7,995,897	8,496,813	8,863,434	9,701,070
Agricultural services, forestry, fisheries, and other[7]	18,358	18,374	17,349	15,078	22,985	26,514	24,343	26,195	26,971	28,435	39,130	44,962
Agricultural services	16,993	16,999	16,599	14,838	22,641	26,173	23,569	25,569	26,752	28,409	39,057	44,883
Forestry, fisheries, and other[7]	1,365	1,375	750	240	344	341	774	626	219	(L)	73	79
Mining	9,636	10,429	13,972	9,141	5,901	6,374	21,130	23,795	29,714	20,188	18,716	18,300
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	140	173	175	223	112	111
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	14,087	15,765	(D)	8,621	7,777	7,485
Metal mining	0	0	(D)	0	0	0	(L)	(L)	(L)	(L)	60	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	6,907	7,870	7,696*	11,345	10,767	10,657
Construction	144,607	158,865	159,157	162,488	176,392	184,330	335,486	381,521	416,548	469,451	531,821	580,259
Manufacturing	1,080,744	1,173,632	1,184,845	1,080,182	1,150,155	1,167,010	2,742,773	3,190,614	3,435,698	3,504,327	3,456,706	3,845,010
Nondurable goods	165,403	172,773	196,777	217,231	227,080	250,998	726,710	827,194	862,002	881,104	882,170	990,577
Food and kindred products	83,036	81,771	(D)	(D)	(D)	(D)	64,237*	67,579*	68,448*	68,608*	71,642*	82,906
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)	8,569*	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	140,606*	167,670*	180,119*	186,403*	199,599*	232,727*
Printing and publishing	36,817	41,789	45,527	48,033	50,104	60,480	180,440	204,352	212,431	229,717	240,354	268,502
Chemicals and allied products	22,571*	24,887*	25,558*	26,309*	29,606*	30,651*	53,368*	55,841*	(D)	(D)	(D)	(D)
Petroleum and coal products	128	(D)	1,646	3,083	1,772	1,235*	5,001*	3,926	4,570	6,366	6,172	9,664
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	12,913	(D)	(D)	299,361	(D)	(D)	270,835	294,474
Leather and leather products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	915,341	1,000,859	988,068	862,951	923,075	916,012	2,016,063	2,363,420	2,573,696	2,623,223	2,574,536	2,854,433
Lumber and wood products	9,982*	(D)	(D)	13,769*	(D)	(D)	12,603	13,295	13,946	16,944	17,209	19,820
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	215,656*	65,431	71,260	70,440	71,463	65,577	68,098
Fabricated metal products	(D)	29,794	28,246	26,548	26,619	32,373	(D)	(D)	229,242	237,758	246,018	261,844
Machinery, except electrical	628,421	682,976	679,915	560,692	(D)	571,252	871,472	1,011,200	1,087,697	1,098,308	1,063,420	1,154,524
Electric and electronic equipment	(D)	(D)	(D)	(D)	8,067*	8,636*	107,526	119,513*	129,601	135,773*	142,786*	155,857*
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	15,440	15,451	14,686	15,709	17,011	17,090	(D)	(D)	56,803	55,848	60,889	68,901
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	39,292*	42,027*	39,882*	42,151*	45,823*	50,220*
Miscellaneous manufacturing industries	1,501*	1,576*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	200,888	210,784	210,750	215,449	227,181	241,903	389,929	426,393	414,740	431,963	465,892	505,402
Railroad transportation	5,439	4,772	3,563	3,973	4,405	4,383	16,635	15,329	12,205	12,007	10,901	(D)
Trucking and warehousing	67,287	73,442	71,977	69,778	79,372	84,155	130,376	151,364	148,712	148,391	172,774	190,574
Water transportation	1,777*	(D)	(D)	2,973*	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	47,170	45,681	46,307	42,087	40,036	42,569	115,884	123,538	105,697	105,389	109,904	113,956
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	229,879	247,171	256,364	260,115	270,582	290,753	430,846	474,321	520,575	548,804	567,055	622,825
Retail trade	346,206	360,480	366,530	379,358	396,474	419,641	719,109	767,724	830,852	896,826	934,806	991,105
Finance, insurance, and real estate	151,300	152,035	152,274	163,446	176,255	191,101	308,412	320,303	334,598	364,845	408,282	428,427
Banking and credit agencies	58,240	60,850	62,777	66,122	(D)	74,179	(D)	146,105	152,163	161,199	176,155	162,945*
Other finance, insurance, and real estate[9]	93,060	91,185	89,497	97,324	101,185*	116,922	(D)	174,198	182,435	203,646	232,127	245,135*
Services	568,955	624,341	677,541	734,591	801,780	867,515	1,630,312	1,804,537	1,986,201	2,231,974	2,441,026	2,664,780
Hotels and other lodging places	(D)	(D)	(D)	(D)	11,751*	11,898	20,242*	20,393*	22,705*	21,543*	25,944	27,159
Personal services	34,581	36,455	45,262	45,948	47,063	55,405	89,244	93,125	110,847	116,341	124,718	135,882
Private households	7,865	8,716	8,681	8,590	8,528	8,614	18,184	20,113	20,115	19,988	20,106	20,311
Business services	78,429	92,668	113,248	123,577	144,523	153,089	284,923	340,536	420,798	515,968	564,876	610,814
Auto repair, services, and garages	22,399	26,404	28,806	30,761	31,324	37,338	50,873	59,725	67,593	73,588	77,093	84,009
Miscellaneous repair services	11,582	13,551	14,439	15,785	14,862	17,210	23,646	28,585	28,517	31,310	35,344	38,376
Amusement and recreation services	11,980	12,168	12,965	13,293	14,785	13,255	22,428	23,666	25,725	29,054	31,023	32,407
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	206,360	211,867	221,860	233,221	262,995	283,150	719,197	766,618	803,028	857,366	933,178	1,038,918
Legal services	33,566	42,077	44,208	48,160	51,076	56,016	78,799	92,154	95,680	107,330	119,427	131,129
Educational services	30,144*	33,612	36,259*	41,360*	44,785*	48,589*	87,263	96,176	100,414	113,482	126,682	136,038
Social services	17,955	20,907	22,199	22,704	24,448	26,741	35,119	39,359	44,296	49,879	55,077	61,507
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	32,850	33,773	34,096	34,754	35,302	37,402	66,460	70,108	72,337	74,279	78,376	84,502
Miscellaneous services	68,123	78,668	80,978	102,522	108,288	116,550	127,098	146,473	165,472	212,305	241,636	255,213
Government and government enterprises	577,399	623,545	665,031	655,206	681,090	707,164	1,612,761	1,709,631	1,825,306	1,836,017	1,937,961	2,058,873
Federal, civilian	288,503	319,929	344,729	321,412	335,693	348,178	649,762	667,022	681,590	673,383	703,924	738,081
Military	15,950	17,123	18,787	20,117	20,118	19,692	249,189	264,762	326,369	297,998	310,629	316,247
State and local	272,946	286,493	301,515	313,677	325,279	339,294	713,810	777,847	817,347	864,636	923,408	1,004,545

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Daytona Beach, FL (MSA)						Decatur, AL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,180,135**	**3,499,891**	**3,887,908**	**4,215,847**	**4,593,689**	**5,032,366**	**1,133,520**	**1,279,400**	**1,388,997**	**1,497,068**	**1,599,450**	**1,721,296**
Nonfarm personal income	3,137,664	3,450,357	3,834,776	4,153,551	4,529,979	4,965,864	1,121,579	1,249,608	1,367,198	1,467,541	1,570,644	1,684,747
Farm income[1]	42,471	49,534	53,132	62,296	63,710	66,502	11,941	29,792	21,799	29,527	28,806	36,549
Population (thousands)[2]	291.5	300.5	310.8	322.5	334.9	348.4	123.7	125.8	127.8	129.0	131.0	132.7
Per capita personal income (dollars)	**10,909**	**11,646**	**12,509**	**13,074**	**13,718**	**14,446**	**9,167**	**10,174**	**10,865**	**11,606**	**12,210**	**12,975**
Derivation of total personal income:												
Total earnings by place of work	1,516,690	1,720,959	1,920,184	2,115,424	2,342,488	2,525,902	789,560	882,272	927,125	988,573	1,058,259	1,127,681
Less: Personal contributions for social insurance[3]	82,191	95,063	112,236	123,639	137,375	157,618	47,532	53,010	59,075	59,808	64,341	71,446
Plus: Adjustment for residence	88,140	99,441	113,692	136,556	161,019	188,765	71,174	104,551	146,288	168,921	186,976	213,796
Equals: Net earnings by place of residence	1,522,639	1,725,337	1,921,640	2,128,341	2,366,132	2,557,049	813,202	933,813	1,014,338	1,097,686	1,180,894	1,270,031
Plus: Dividends, interest, and rent[5]	907,238	996,321	1,107,762	1,175,127	1,247,553	1,387,711	124,151	139,650	155,017	163,334	173,085	188,159
Plus: Transfer payments	750,258	778,233	858,506	912,379	980,004	1,087,606	196,167	205,937	219,642	236,048	245,471	263,106
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,195,426	1,356,953	1,511,436	1,651,627	1,829,639	1,973,533	639,168	701,532	750,883	785,414	843,808	895,797
Other labor income	110,617	121,942	132,659	147,173	162,655	174,951	78,173	82,066	82,893	87,652	92,787	99,032
Proprietors' income[6]	210,647	242,064	276,089	316,624	350,194	377,418	72,219	98,674	93,349	115,507	121,664	132,852
Farm	31,609	38,851	42,665	51,956	52,848	55,613	7,981	25,922	17,884	25,610	24,654	32,347
Nonfarm	179,038	203,213	233,424	264,668	297,346	321,805	64,238	72,752	75,465	89,897	97,010	100,505
Earnings by industry:												
Farm	42,471	49,534	53,132	62,296	63,710	66,502	11,941	29,792	21,799	29,527	28,806	36,549
Nonfarm	1,474,219	1,671,425	1,867,052	2,053,128	2,278,778	2,459,400	777,619	852,480	905,326	959,046	1,029,453	1,091,132
Private	1,226,241	1,399,680	1,575,944	1,727,843	1,918,362	2,057,661	673,727	742,172	781,364	825,813	889,652	942,549
Agricultural services, forestry, fisheries, and other[7]	11,235	11,785	14,032	16,954	20,116	21,689	4,777	5,032	4,958	5,138	5,960	(D)
Agricultural services	9,181	10,267	11,075	11,881	15,928	16,973	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	2,054	1,518	2,957	5,073	4,188	4,716	(D)	(D)	(D)	(D)	(D)	(D)
Mining	8,074	8,763	13,537	4,035	3,640	3,571	(D)	2,451	3,074	2,705	(D)	(D)
Coal mining	176	182	177	175	92	94	0	0	0	0	(D)	0
Oil and gas extraction	7,875	8,560	13,343	3,782	3,475	3,410	(D)	(D)	(D)	(D)	296	284
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(L)	(L)	79	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	116,987	156,756	179,650	198,812	229,688	240,338	44,815	45,950	55,318	60,516	70,599	78,471
Manufacturing	186,425	219,808	260,406	273,460	281,321	291,554	353,987	388,984	398,769	402,220	420,263	441,725
Nondurable goods	40,584	46,239	48,995	57,738	78,113	87,396	230,216	247,602	255,707	249,681	261,915	271,631
Food and kindred products	6,112	6,294	6,478	7,714	9,531	10,796	23,184*	25,277*	23,909	25,028	25,970	26,596
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	1,456	1,536	2,029	2,280	2,556	10,214	10,907	(D)	6,026	6,167	6,043
Paper and allied products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	21,640	25,303	27,077	32,587	34,213	35,124	4,497*	4,532*	4,795*	5,327*	5,980*	(D)
Chemicals and allied products	7,178	7,762	8,480	8,973	8,898	10,980	115,630	121,543	127,153	120,505	126,831	129,525
Petroleum and coal products	114	171	203	247	271	181	375	(D)	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	3,484	4,169	4,541	5,297	7,071	10,010	1,581	2,212	2,182	2,324	3,936	5,733
Leather and leather products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	145,841	173,569	211,411	215,722	203,208	204,158	123,771	141,382	143,062	152,539	158,348	170,094
Lumber and wood products	7,652	10,145	11,375	11,715	(D)	13,285	8,747*	10,858*	12,022*	11,378*	13,242	13,642
Furniture and fixtures	376	483	506	468	358	493	3,892*	4,235*	4,231*	4,417*	4,410*	2,749*
Primary metal industries	571	571	651	707	629	(D)	52,023	61,393	54,221	58,277	57,104	61,989
Fabricated metal products	29,752	35,995	47,820	45,787	21,874	14,782	13,409	15,100	16,288	16,532	(D)	(D)
Machinery, except electrical	5,058	6,007	7,399	8,277	13,265	20,374	20,005	21,579	23,449	24,960	25,413*	31,042*
Electric and electronic equipment	70,060	(D)	(D)	105,211	106,998	98,424	23,106	25,656	29,565	32,668	36,413	37,588
Transportation equip. excl. motor vehicles	3,410	4,768	3,878	4,208	6,438	14,390	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	367	488	(D)	291	836	0	0	(D)	(D)	(D)	(D)
Stone, clay, and glass products	5,346	6,816	8,040	8,982	8,849	8,124	1,489	1,626	1,729*	2,095*	2,293*	2,126*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Miscellaneous manufacturing industries	6,272	8,625	12,601	11,357	6,919	6,741	(D)	(D)	376	(D)	(D)	412
Transportation and public utilities	85,624	89,234	93,235	98,769	107,687	116,541	42,006	47,459	49,865	53,025	55,215	55,517
Railroad transportation	2,786	3,082	3,132	3,160	3,362	3,169	3,242	3,955	4,253	4,035	3,981	633
Trucking and warehousing	10,552	12,974	13,115	14,685	15,661	19,239	19,557	24,483	26,066	27,400	30,102	33,457
Water transportation	708	1,028	1,443	1,570	1,734	1,091	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	13,034	12,869	13,441	15,626	16,470	17,234	(D)	(D)	(D)	(D)	(D)	(D)
Communication	34,067	32,925	33,722	32,537	35,434	36,619	(D)	15,394*	14,665*	13,265*	13,270*	13,566*
Electric, gas, and sanitary services	24,477	26,356	28,382	31,191	35,026	39,189	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	47,026	56,401	64,396	68,520	77,782	89,377	26,792	32,955	33,965	37,192	38,120*	41,889*
Retail trade	264,103	288,291	316,198	347,605	380,742	407,459	72,923	79,970	85,009	94,119	100,650	105,019
Finance, insurance, and real estate	81,335	89,616	101,288	114,686	135,029	141,003	25,088*	29,935	33,034	36,655	38,699	39,443
Banking and credit agencies	35,429	42,119	45,539	50,225	54,667	58,250	12,892*	14,468*	16,209*	17,082*	17,570*	19,659*
Other finance, insurance, and real estate[9]	45,906	47,497	55,749	64,461	80,362	82,753	12,678	13,482*	14,676*	17,417*	18,984*	17,770*
Services	425,432	479,026	533,202	605,002	682,357	746,129	99,579	109,436	117,372	134,243	155,301	166,895
Hotels and other lodging places	49,375	48,686	50,568	53,181	58,647	60,680	1,395	1,529	2,230	2,978	3,034	2,911
Personal services	19,602	20,845	26,065	28,352	30,543	32,091	6,543	7,362	9,055	9,856	10,832	12,399
Private households	10,995	12,498	12,865	13,132	13,534	13,985	2,612	2,913	2,935	2,933	2,962	2,996
Business services	43,167	50,886	53,821	58,432	66,800	77,683	10,906	14,004	16,854	17,598	22,928	27,996
Auto repair, services, and garages	15,184	18,331	19,606	21,601	23,326	25,709	3,892	5,339	6,425	6,639	7,541	8,382
Miscellaneous repair services	7,902	9,818	9,547	11,161	11,105	13,061	2,852	3,801	3,554	4,367	4,505	5,108
Amusement and recreation services	16,350	17,740	20,216	22,867	27,144	26,663	(D)	(D)	(D)	(D)	(D)	2,822
Motion pictures	(D)	(D)	2,179	2,678	3,529	2,448	(D)	(D)	(D)	(D)	(D)	161
Health services	122,018	134,757	152,951	172,888	205,156	225,750	39,944	40,930	42,398	47,048	54,311	57,330
Legal services	28,478	33,565	36,214	40,524	45,808	51,934	5,103	5,615	5,679	6,994	7,773	8,456
Educational services	32,726	36,285	(D)	(D)	(D)	(D)	897*	970*	1,088*	1,131*	1,288*	1,371*
Social services	10,490	12,415	14,885	17,901	20,050	21,289	2,482*	2,738*	2,917*	2,954*	3,165*	3,612*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	17,813	21,685	22,501	24,650	27,035	30,174	5,390	5,604	5,538	6,428	6,786	7,265
Miscellaneous services	49,162	59,313	71,026	94,937	102,765	112,510	16,308	17,190	16,984	23,374	27,952	25,986
Government and government enterprises	247,978	271,745	291,108	325,285	360,416	401,739	103,892	110,308	123,962	133,233	139,801	148,583
Federal, civilian	21,386	23,366	25,663	26,549	29,001	32,648	9,470	9,562	9,903	10,288	11,501	12,729
Military	4,907	5,346	6,100	6,749	6,936	6,827	5,047	5,483	6,305	6,834	7,789	8,125
State and local	221,685	243,033	259,345	291,987	324,479	362,264	89,375	95,263	107,754	116,111	120,511	127,729

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Decatur, IL (MSA)						Denver, CO (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,443,165**	**1,580,143**	**1,663,008**	**1,708,687**	**1,794,181**	**1,918,949**	**23,167,908**	**25,153,327**	**26,587,602**	**27,416,743**	**28,396,200**	**29,775,596**
Nonfarm personal income	1,449,397	1,558,887	1,632,827	1,682,610	1,774,253	1,906,321	23,108,855	25,104,561	26,531,075	27,353,151	28,340,193	29,724,830
Farm income[1]	−6,232	21,256	30,181	26,077	19,928	12,628	59,053	48,766	56,527	63,592	56,007	50,766
Population (thousands)[2]	129.1	128.7	128.2	126.5	124.8	123.7	1,562.4	1,587.5	1,615.3	1,629.6	1,639.9	1,640.0
Per capita personal income (dollars)	**11,182**	**12,281**	**12,970**	**13,505**	**14,381**	**15,519**	**14,829**	**15,844**	**16,459**	**16,824**	**17,316**	**18,155**
Derivation of total personal income:												
Total earnings by place of work	1,131,474	1,292,429	1,358,238	1,391,892	1,468,024	1,589,354	19,113,362	20,830,212	22,133,482	22,707,052	23,206,336	24,154,608
Less: Personal contributions for social insurance[3]	68,973	77,767	86,074	91,053	95,563	108,828	1,023,389	1,123,880	1,249,676	1,316,810	1,334,708	1,444,589
Plus: Adjustment for residence	−123,259	−145,362	−156,451	−164,685	−176,089	−197,411	−876,478	−891,720	−1,026,685	−1,082,443	−1,092,332	−1,082,448
Equals: Net earnings by place of residence	939,242	1,069,300	1,115,713	1,136,154	1,196,372	1,283,115	17,213,495	18,814,612	19,857,121	20,307,799	20,779,296	21,627,571
Plus: Dividends, interest, and rent[4]	255,370	271,018	285,336	298,033	313,590	342,013	3,586,295	3,899,206	4,142,024	4,291,427	4,560,565	4,913,387
Plus: Transfer payments	248,553	239,825	261,959	274,500	284,219	293,821	2,368,118	2,439,509	2,588,457	2,817,517	3,056,339	3,234,638
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	927,340	1,042,260	1,094,274	1,121,400	1,183,035	1,288,381	16,044,797	17,478,896	18,509,916	18,899,232	19,191,205	19,964,292
Other labor income	110,598	120,850	122,809	127,580	136,418	149,471	1,555,762	1,634,234	1,675,215	1,711,988	1,754,903	1,829,985
Proprietors' income[6]	93,536	129,319	141,155	142,912	148,571	151,502	1,512,803	1,717,082	1,948,351	2,095,832	2,260,228	2,360,331
Farm	−9,006	18,533	27,475	23,416	17,151	9,874	42,956	32,942	40,799	48,138	39,782	34,527
Nonfarm	102,542	110,786	113,680	119,496	131,420	141,628	1,469,847	1,684,140	1,907,552	2,047,694	2,220,446	2,325,804
Earnings by industry:												
Farm	−6,232	21,256	30,181	26,077	19,928	12,628	59,053	48,766	56,527	63,592	56,007	50,766
Nonfarm	1,137,706	1,271,173	1,328,057	1,365,815	1,448,096	1,576,726	19,054,309	20,781,446	22,076,955	22,643,460	23,150,329	24,103,842
Private	1,039,873	1,168,524	1,220,760	1,253,735	1,326,385	1,447,302	16,236,931	17,786,396	18,875,160	19,288,603	19,646,611	20,439,254
Agricultural services, forestry, fisheries, and other[7]	8,070	6,885	5,455	4,698	7,669	8,491	76,116	81,397	85,814	89,498	102,468	106,296
Agricultural services	7,955	(D)	5,386	4,654	7,625	8,446	74,823	80,645	84,458	87,933	101,343	105,083
Forestry, fisheries, and other[7]	115	(D)	69	(L)	(L)	(L)	1,293	752	1,356	1,565	1,125	1,213
Mining	4,255	3,799	4,112	1,525	1,304	1,276	1,108,219	1,098,650	1,066,929	867,476	714,569	733,198
Coal mining	0	0	0	0	0	0	29,415	27,554	28,916	26,901	24,808	19,122
Oil and gas extraction	(D)	3,674	4,078	(D)	1,256	1,212	953,301	949,344	943,363*	751,117*	602,070*	608,718*
Metal mining	0	0	0	0	0	0	114,625*	110,525*	81,288*	74,563	76,446	93,292*
Nonmetallic minerals, except fuels	(D)	125	(L)	(D)	(L)	64	10,401*	(D)	(D)	11,842*	8,339*	(D)
Construction	57,374	60,130	70,299	81,326	93,837	115,798	1,470,449	1,617,277	1,606,447	1,518,656	1,373,662	1,289,098
Manufacturing	443,720	529,651	531,175	512,948	516,291	564,806	2,562,459	2,847,318	3,041,836	3,142,843	3,165,738	3,302,752
Nondurable goods	225,559	244,066	249,679	244,650	248,567	283,141	1,147,859	1,261,570	1,317,033	1,355,091	1,396,338	1,452,582
Food and kindred products	146,794	153,467	158,717	153,496	149,634	184,651	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	23,516*	27,151*	(D)	(D)	(D)	34,816*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	40,796*	48,649*	48,570*	49,371*	50,261*	54,406
Printing and publishing	9,155	9,264	10,199	10,921	9,594	11,962	255,196*	306,880*	338,334*	342,120*	359,165	373,774
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)	32,124	32,559	34,725	38,220	38,099	39,090
Tobacco manufactures	0	0	0	0	0	0	57	76	(L)	(D)	87	(L)
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	218,161	285,585	281,496	268,298	267,724	281,665	1,414,600	1,585,748	1,724,803	1,787,752	1,769,400	1,850,170
Lumber and wood products	1,773	1,098	2,491	3,145	3,813	4,872	24,855*	29,449*	28,951	32,362	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	57	(D)	30,820*	37,589	40,835	40,355	42,213*	44,665*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21,231*	23,703*
Fabricated metal products	40,797	47,832	45,558	44,023	51,173	46,750	158,682*	184,830	190,372	186,826	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	170,017	190,300	192,001	196,700	199,584	200,461
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	219,417	(D)	(D)	251,067	185,943	187,712*
Transportation equip. excl. motor vehicles	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	24,352	18,257	11,296	12,191
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	181,218*	207,037*	197,825	195,213	181,590	186,035
Instruments and related products	(D)	946	948	1,541	1,726	2,284	(D)	(D)	(D)	(D)	140,288*	157,489*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	46,952	42,059*	40,995*	42,069*	50,982	53,998
Transportation and public utilities	129,725	143,056	163,634	182,202	204,056	218,728	1,949,927	2,045,539	2,209,041	2,251,328	2,473,329	2,604,758
Railroad transportation	32,842	35,158	32,865	32,392	33,502	31,546	113,528	119,104	112,651	96,754	83,915	78,835*
Trucking and warehousing	34,388	38,149	41,121	41,351	44,897	47,400	317,642	344,812*	338,842	346,361	379,188	404,515
Water transportation	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	4,191	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	9,975	11,086	10,079	14,014	19,948	(D)	730,839	844,698	825,153	1,026,491	1,062,413
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	35,807	39,251	43,935	42,798	44,511	48,783	1,563,927	1,716,030	1,804,782	1,783,420	1,819,402	1,884,943
Retail trade	100,533	106,575	110,895	114,520	123,213	132,022	1,888,817	2,068,914	2,148,505	2,203,639	2,176,219	2,221,740
Finance, insurance, and real estate	53,618	57,033	54,271	56,874	60,373	59,195	1,528,583	1,702,347	1,862,802	2,015,563	2,081,132	2,066,319
Banking and credit agencies	23,838	25,873	25,798	26,584	27,926	26,411	522,841*	577,954*	651,226	713,800	(D)	618,227
Other finance, insurance, and real estate[9]	29,780	31,160	28,473	30,290	32,447	32,784	946,989*	1,057,185*	1,211,576	1,301,763	(D)	1,448,092
Services	206,771	222,144	236,984	256,844	275,131	298,203	4,088,434	4,608,924	5,049,004	5,416,180	5,740,092	6,230,150
Hotels and other lodging places	(D)	(D)	(D)	4,258	4,619	4,565	123,672*	126,625*	140,689*	135,296*	130,389*	125,536*
Personal services	15,581	15,882	18,460	20,795	21,991	23,071	182,754	197,868	241,363	258,081	262,020	274,450
Private households	3,202	3,550	3,557	3,537	3,502	3,534	32,771*	36,737*	37,244*	37,357*	(D)	(D)
Business services	28,877	35,616	42,264	44,206	47,184	54,303	906,119	1,072,416	1,213,186	1,300,793	1,391,966	1,581,742
Auto repair, services, and garages	8,526	9,740	11,137	11,028	10,844	12,378	164,648	199,867	220,401	233,749	235,237	249,504
Miscellaneous repair services	3,121	3,724	3,965	5,200	4,882	5,390	(D)	(D)	77,739	89,991	88,919	98,216
Amusement and recreation services	3,970	4,117	3,887	4,347	4,156	4,298	95,691	108,446	127,780	138,266	150,891	169,050
Motion pictures	225	244	229	(D)	(D)	(D)	15,848	21,284*	23,825*	24,706*	(D)	(D)
Health services	86,660	89,414	90,962	98,696	110,353	116,064	1,097,608	1,181,296	1,260,865	1,366,706	1,508,775	1,617,519
Legal services	11,073	12,683	12,614	13,258	13,553	14,033	382,338	451,852	485,043	561,477	604,632	666,267
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	122,998	134,129	143,032	144,982	157,998	172,025
Social services	8,714	9,613	9,536	9,902	9,949	11,940	79,415	86,032	99,609	111,492	117,757	137,189
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	3,102*	3,385*	(D)	(D)
Membership organizations	12,189	11,351	11,573	12,004	13,005	14,113	166,211	180,134	185,832	195,566	207,566	223,187
Miscellaneous services	13,148	13,709	14,950	19,262	19,758	21,921	644,242	727,761	786,806	812,247	802,696	830,073
Government and government enterprises	97,833	102,649	107,297	112,080	121,711	129,424	2,817,378	2,995,050	3,201,795	3,354,857	3,503,718	3,664,588
Federal, civilian	12,130	12,706	12,706	12,501	12,936	13,242	808,369	858,260	901,661	905,464	974,300	1,067,006
Military	1,800	1,732	1,884	2,078	2,242	2,348	229,540	231,684	251,561	269,890	266,123	262,239
State and local	83,903	88,211	92,707	97,501	106,533	113,834	1,779,469	1,905,106	2,048,573	2,179,503	2,263,295	2,335,343

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Des Moines, IA (MSA)						Detroit, MI (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,894,668**	**5,240,572**	**5,514,154**	**5,776,411**	**6,205,402**	**6,721,242**	**55,932,429**	**61,814,517**	**67,347,912**	**72,094,141**	**75,526,698**	**80,754,452**
Nonfarm personal income	4,883,942	5,207,104	5,468,631	5,708,167	6,136,171	6,676,171	55,859,036	61,726,176	67,258,195	72,007,311	75,434,793	80,671,686
Farm income[1]	10,726	33,468	45,523	68,244	69,231	45,071	73,393	88,341	89,717	86,830	91,905	82,766
Population (thousands)[2]	374.4	377.1	379.6	380.4	384.9	391.8	4,327.2	4,321.6	4,329.9	4,344.5	4,362.5	4,352.4
Per capita personal income (dollars)	**13,072**	**13,898**	**14,524**	**15,184**	**16,122**	**17,156**	**12,926**	**14,304**	**15,554**	**16,594**	**17,313**	**18,554**
Derivation of total personal income:												
Total earnings by place of work	3,848,691	4,172,800	4,388,829	4,641,507	5,022,234	5,475,768	40,510,541	45,382,664	50,432,739	54,351,791	56,742,029	60,774,185
Less: Personal contributions for social insurance[3]	236,411	257,764	284,996	310,628	332,781	380,425	2,524,078	2,861,340	3,370,963	3,539,706	3,696,041	4,157,450
Plus: Adjustment for residence	−183,207	−188,572	−199,734	−209,483	−229,362	−252,149	253,569	360,385	399,719	236,498	96,777	86,551
Equals: Net earnings by place of residence	3,429,073	3,726,464	3,904,099	4,121,396	4,460,091	4,843,194	38,240,032	42,881,709	47,461,495	51,048,583	53,142,765	56,703,286
Plus: Dividends, interest, and rent[5]	804,577	852,970	890,189	916,133	972,950	1,056,967	8,352,417	9,497,449	10,172,032	10,646,626	11,459,814	12,548,172
Plus: Transfer payments	661,018	661,138	719,866	738,882	772,361	821,081	9,339,980	9,435,359	9,714,385	10,398,932	10,924,119	11,502,994
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,173,541	3,429,208	3,604,685	3,806,490	4,110,944	4,520,974	33,882,957	38,001,749	42,486,390	45,632,948	47,551,550	51,051,402
Other labor income	317,084	323,403	322,148	342,074	366,711	402,619	4,330,435	4,706,575	4,979,950	5,374,250	5,560,811	5,869,464
Proprietors' income[6]	358,066	420,189	461,996	492,943	544,579	552,175	2,297,149	2,674,340	2,966,399	3,344,593	3,629,668	3,853,319
Farm	2,040	24,917	37,497	60,675	61,777	38,033	48,927	64,278	65,976	63,536	67,479	58,318
Nonfarm	356,026	395,272	424,499	432,268	482,802	514,142	2,248,222	2,610,062	2,900,423	3,281,057	3,562,189	3,795,001
Earnings by industry:												
Farm	10,726	33,468	45,523	68,244	69,231	45,071	73,393	88,341	89,717	86,830	91,905	82,766
Nonfarm	3,837,965	4,139,332	4,343,306	4,573,263	4,953,003	5,430,697	40,437,148	45,294,323	50,343,022	54,264,961	56,650,124	60,691,419
Private	3,282,874	3,555,719	3,724,088	3,929,897	4,254,845	4,677,267	35,579,797	40,198,458	45,065,219	48,612,190	50,760,994	54,570,786
Agricultural services, forestry, fisheries, and other[7]	35,061	34,272	27,306	24,540	43,177	49,957	94,449	99,173	112,905	132,193	159,709	191,388
Agricultural services	34,746	33,918	27,098	24,465	43,082	49,865	91,805	95,585*	111,099	131,447	158,554	187,572*
Forestry, fisheries, and other[7]	315	354	208	75	95	92	2,644	2,291*	1,806	746	1,155	(D)
Mining	8,309	8,767	11,783	5,512	8,827	9,047	91,765	105,811	143,927	68,933	63,638	70,288
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	192	229	107	109
Oil and gas extraction	(D)	5,893*	8,523*	(D)	3,137*	2,931	70,207*	76,840*	113,743*	38,974*	34,856*	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	−74	72	439	342
Nonmetallic minerals, except fuels	1,720*	2,057*	2,317*	2,103*	5,549*	6,115	(D)	(D)	(D)	(D)	(D)	(D)
Construction	186,208	209,824	225,524	234,986	242,359	264,974	1,357,486*	1,591,967*	2,021,483*	2,316,972*	2,502,600*	2,793,685*
Manufacturing	594,053	651,763	626,288	624,173	679,399	761,278	14,953,060	17,581,505	19,655,762	20,586,540	20,162,827	21,335,632
Nondurable goods	394,964	426,354	404,534	403,553	432,056	473,871	2,017,507	2,235,067	2,441,130	2,581,941	2,612,866	2,837,969
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	405,797*	410,869*	382,713*	380,518*	378,728*	393,448*
Textile mill products	853	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,931	2,218	2,332*	2,254	2,199	2,644	333,339*	(D)	424,205*	528,831*	514,468*	560,809*
Paper and allied products	11,659	13,654	21,759	15,894	17,645	17,955	(D)	104,705*	111,451*	117,364*	117,493*	128,773*
Printing and publishing	151,205	157,694	164,180	173,910	177,276*	191,537	394,532*	449,623*	491,439*	495,979*	517,844*	574,143*
Chemicals and allied products	16,041*	16,957*	14,019*	11,895*	15,775*	21,132*	338,537*	361,837*	405,033*	428,446*	404,060*	446,380*
Petroleum and coal products	2,213	1,904*	1,933	1,942	1,692	919	59,244	59,342*	63,284*	67,887*	71,562*	77,890*
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	134,429*	97,927*	93,147	103,376	121,253*	306,521	386,481*	450,901*	497,395	536,575	563,265
Leather and leather products	2,994	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,318*	(D)	(D)	(D)
Durable goods	199,089	225,409	221,754	220,620	247,343	287,407	12,935,553	15,346,438	17,214,632	18,004,599	17,549,961	18,497,663
Lumber and wood products	2,523*	2,408*	2,340*	3,138*	(D)	(D)	32,288*	35,832*	46,543*	57,581*	63,871	75,857
Furniture and fixtures	6,181*	7,115	7,668	8,970	10,191*	11,938*	(D)	(D)	(D)	(D)	(D)	96,142*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	918,410*	939,923*	898,187*	976,472*	942,567*	972,063*
Fabricated metal products	25,637*	30,725*	24,171*	25,026*	30,199	35,556*	1,451,467	1,816,409	2,072,754	2,090,675	2,057,549	2,155,141
Machinery, except electrical	101,360*	125,746*	121,407*	111,952*	130,296*	153,894*	2,090,764	2,442,056	2,678,907	2,710,639	2,489,047	2,588,584
Electric and electronic equipment	1,596	1,787	1,436	1,540	1,786*	2,802*	(D)	(D)	(D)	(D)	266,409*	326,464*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,354*	2,489*	9,857*	9,886*	10,987*	13,226*	7,332,829*	8,853,970*	10,101,714*	10,807,133*	10,562,159*	11,124,541
Stone, clay, and glass products	(D)	(D)	(D)	15,455*	18,664*	20,801*	299,200*	352,704*	356,127*	359,168*	373,567*	413,393*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	74,331*	92,111*	105,991*	110,545*	105,398*	125,745*
Miscellaneous manufacturing industries	14,264*	14,716*	15,013	17,098	18,652	17,345	59,982*	76,516*	83,201*	96,146	97,613*	105,257*
Transportation and public utilities	318,231	326,040	357,191	361,670	385,783	405,272	2,506,485*	2,656,900*	2,857,293*	3,055,067*	3,233,126*	3,399,111*
Railroad transportation	17,199	18,550	16,783	17,094	17,014	16,141	(D)	186,882	174,876*	171,795*	180,324	176,313*
Trucking and warehousing	113,719*	123,421	125,247	129,726	138,484	142,587	572,763*	713,899	784,090	845,215	860,862	911,319
Water transportation	(L)	(L)	(L)	(D)	(L)	(L)	15,920*	(D)	19,036*	21,429*	(D)	(D)
Other transportation[8]	(D)	(D)	35,256	(D)	47,655	51,541	308,765*	(D)	383,713*	476,044*	(D)	(D)
Communication	(D)	117,338	134,451	122,298	139,406	147,867	(D)	691,557*	735,521*	748,678*	776,979*	799,543*
Electric, gas, and sanitary services	(D)	(D)	45,456	44,912	43,226	47,134	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	375,047	416,131	440,627	456,574	489,481	576,968	2,348,225	2,808,730	3,055,187	3,324,772	3,647,232	3,975,846
Retail trade	381,108	405,341	415,116	437,622	462,883	500,720	3,718,520	3,977,627	4,219,073	4,543,186	4,832,646	5,158,224
Finance, insurance, and real estate	521,067	559,906	598,683	658,743	722,056	791,646	1,988,121	2,067,998	2,282,553	2,589,307	2,972,183	3,305,459
Banking and credit agencies	101,418*	117,656	126,768	134,356*	141,009*	145,335*	799,062*	851,569*	933,707*	1,041,489*	1,199,776*	1,301,318*
Other finance, insurance, and real estate[9]	414,380*	442,250	471,915	513,990*	564,330*	627,728*	1,165,411*	1,184,846*	1,313,867*	1,505,526*	1,730,624*	1,994,504*
Services	863,790	943,675	1,021,570	1,126,077	1,220,880	1,317,405	8,269,725	9,138,170	10,562,847	11,827,431	12,993,559	14,128,237
Hotels and other lodging places	26,029	24,281	29,023	27,270	30,396	32,402	113,353*	113,150	119,219*	148,719*	159,797	177,110
Personal services	38,388	39,852	49,565	53,924	56,256	63,231	328,969	344,867	416,399	448,900	482,407	535,548
Private households	(D)	(D)	(D)	14,709	14,630	14,780	79,177	87,720	88,001	87,022*	88,648	88,848*
Business services	156,890	181,826	206,907	233,298	251,425	249,289	1,428,691	1,736,276	2,471,800	2,819,718	3,167,769	3,363,336
Auto repair, services, and garages	32,463	38,523	42,217	45,708	47,343	52,760	294,718	333,473	394,717	424,409	437,316	474,677
Miscellaneous repair services	12,084	14,077	14,383	16,397	15,708	17,735	160,399	196,964	220,689	235,587	246,562	274,892
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	188,719	200,062	220,383	256,475	270,186	307,949
Motion pictures	3,694*	4,740*	4,737*	5,520*	6,097*	7,075*	(D)	(D)	(D)	(D)	77,079*	97,108*
Health services	316,117	319,825	343,607	373,267	420,341	458,243	3,259,290	3,315,531	3,352,066	3,640,728	4,056,108	4,281,040
Legal services	89,345	113,953	114,288	130,102	136,130	157,071	611,409	696,978	771,677	873,872	990,065	1,158,757
Educational services	41,457*	44,924*	48,386*	56,033*	60,739*	66,075*	156,571*	174,741*	185,154	197,699	219,216	271,838
Social services	20,331	23,636	27,497	29,593	30,691	34,124	193,115	216,287	254,071	277,993	305,263	357,865
Museums, botanical, zoological gardens	(D)	(D)	(D)	1,512*	1,463*	1,698*	12,394*	11,471*	10,852*	11,876*	13,547*	13,040*
Membership organizations	45,088	48,165	49,333	52,709	57,063	61,152	376,956	384,677	409,077	429,665	460,203	495,215
Miscellaneous services	49,799	54,937	55,533	64,177	69,661	76,027	1,021,865	1,250,806	1,559,131	1,875,740	2,012,149	2,229,982
Government and government enterprises	555,091	583,613	619,218	643,366	698,158	753,430	4,857,351	5,095,865	5,277,803	5,652,771	5,889,130	6,120,633
Federal, civilian	140,150	149,662	158,853	162,393	175,112	189,167	820,243	854,425	890,395	888,228	922,341	991,644
Military	9,861	13,463	14,832	16,362	17,250	17,268	86,491	96,879	104,310	111,004	114,958	117,817
State and local	405,080	420,488	445,533	464,611	505,796	546,995	3,950,617	4,144,561	4,283,098	4,653,539	4,851,831	5,011,172

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Dothan, AL (MSA)						Dubuque, IA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,150,250**	**1,269,148**	**1,359,131**	**1,467,383**	**1,600,098**	**1,708,655**	**938,349**	**1,024,239**	**1,053,848**	**1,077,327**	**1,163,201**	**1,227,536**
Nonfarm personal income	1,138,462	1,235,823	1,339,195	1,449,015	1,572,467	1,671,489	953,768	1,006,153	1,039,832	1,053,189	1,135,818	1,211,370
Farm income[1]	11,788	33,325	19,936	18,368	27,631	37,166	−15,419	18,086	14,016	24,138	27,383	16,166
Population (thousands)[2]	126.2	128.2	128.3	128.1	129.8	131.1	92.2	92.1	91.9	90.7	90.6	90.9
Per capita personal income (dollars)	**9,115**	**9,897**	**10,590**	**11,456**	**12,331**	**13,037**	**10,177**	**11,119**	**11,473**	**11,873**	**12,839**	**13,500**
Derivation of total personal income:												
Total earnings by place of work	861,680	962,800	1,024,569	1,105,561	1,236,185	1,323,996	757,418	855,998	877,381	877,504	976,357	1,015,627
Less: Personal contributions for social insurance[3]	51,875	57,436	64,463	67,021	74,093	81,825	49,081	53,882	58,849	60,231	66,499	73,425
Plus: Adjustment for residence	1,856	4,567	7,003	6,663	−4,209	−6,602	−132,751	−147,448	−151,646	−139,980	−161,555	−163,687
Equals: Net earnings by place of residence	811,661	909,931	967,109	1,045,203	1,157,883	1,235,569	575,586	654,668	666,886	677,293	748,303	778,515
Plus: Dividends, interest, and rent[4]	135,566	150,573	162,233	176,193	185,198	201,614	204,658	215,295	228,213	236,731	245,212	265,703
Plus: Transfer payments	203,023	208,644	229,789	245,987	257,017	271,472	158,105	154,276	158,749	163,303	169,686	183,318
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	708,744	773,399	843,662	904,063	1,004,350	1,069,405	636,432	689,236	713,767	703,194	786,089	828,563
Other labor income	75,313	79,768	84,253	91,560	103,815	111,792	69,375	71,402	69,836	68,857	78,036	81,035
Proprietors' income[5]	77,623	109,633	96,654	109,938	128,020	142,799	51,611	95,360	93,778	105,453	112,232	106,029
Farm	9,443	31,026	17,648	16,097	25,221	34,732	−19,542	14,080	10,144	20,289	23,302	12,064
Nonfarm	68,180	78,607	79,006	93,841	102,799	108,067	71,153	81,280	83,634	85,164	88,930	93,965
Earnings by industry:												
Farm	11,788	33,325	19,936	18,368	27,631	37,166	−15,419	18,086	14,016	24,138	27,383	16,166
Nonfarm	849,892	929,475	1,004,633	1,087,193	1,208,554	1,286,830	772,837	837,912	863,365	853,366	948,974	999,461
Private	666,368	732,151	787,714	864,630	966,159	1,027,096	708,483	772,907	794,530	782,368	875,177	920,025
Agricultural services, forestry, fisheries, and other[7]	4,213	4,219	2,983	2,257	3,076	2,915	4,183	4,206	3,366	2,761	3,834	4,264
Agricultural services	2,210	2,527	1,983	2,259	2,798	2,719	(D)	2,604	2,638	2,766	3,658	4,130
Forestry, fisheries, and other[7]	2,003	1,692	1,000	(L)	278	196	(D)	1,602	728	(L)	176	134
Mining	910	907	1,387	664	626	643	1,813	1,521	1,954	980	2,683	3,731
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,224	1,739	(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)	297	215	(D)	(D)	(D)
Construction	50,347	58,321	65,595	69,648	73,612	81,506	34,125	37,736	36,380	39,098	40,001	44,076
Manufacturing	219,389	239,093	247,512	255,341	293,098	309,078	304,363	344,053	351,682	317,999	376,583	385,965
Nondurable goods	83,680	91,808	91,204	96,670	114,248	126,584	70,908	79,220	79,259	79,597	98,212	106,020
Food and kindred products	15,429*	16,030*	13,354*	15,296*	20,736*	23,095*	(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	20,528	21,685	21,009	20,327	22,797	24,750	3,940	4,606	(D)	(D)	766	873
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,497*	2,503*	2,914*	3,676*	4,683*	3,843*	17,606	19,069	21,169	22,636	24,343	27,446
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)	324	484	0	0	0	0
Tobacco manufactures	2,965	3,359	3,238	3,620	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,188	1,590	1,633	1,631	8,248	10,109
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	135,709	147,285	156,308	158,671	178,850	182,494	233,455	264,833	272,423	238,402	278,371	279,945
Lumber and wood products	6,274	8,238	7,776	8,242	9,093	9,615	4,149	5,559	6,344	7,133	8,827	11,766
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	6,311*	7,464*	10,393*	11,037*	11,819	10,952	16,799	20,718	21,265	22,033	22,312	23,994
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	38,988*	38,883*	41,546	43,955*	(D)	(D)	0	0	0	0
Transportation equip. excl. motor vehicles	61,088	68,388	79,033	(D)	(D)	103,106	(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	1,847*	2,227	1,810*	1,631*	1,998*	1,951*	1,131	1,200	1,216	1,499	1,752	1,955
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)	15,856	(D)	(D)	(D)
Transportation and public utilities	84,794	92,110	101,449	110,689	122,661	125,881	48,463	51,421	50,796	50,060	51,717	54,669
Railroad transportation	6,559	4,528	4,163	3,590	2,925	3,427	2,673	2,914	2,674	2,756	2,762	2,159
Trucking and warehousing	26,695	32,725	(D)	(D)	40,902	41,192	21,667	24,530	24,486	24,659	26,049	28,599
Water transportation	0	0	0	0	0	0	489	662	804	825	1,085	1,248
Other transportation[8]	(D)	(D)	(D)	(D)	4,321	4,829	(D)	(D)	(D)	(D)	(D)	(D)
Communication	16,820	18,174	20,112	21,880	(D)	(D)	5,994	5,073	5,587	5,111	5,095	5,743
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	43,763	48,192	55,682	58,424	62,070	65,762	38,345	41,605	41,375	41,502	44,905	47,495
Retail trade	88,651	96,448	107,434	121,388	129,967	134,933	76,350	77,549	78,556	80,788	84,055	91,304
Finance, insurance, and real estate	26,610	27,772	29,477	32,587	35,488	39,449	24,727	26,828	26,197	29,020	32,390	35,344
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	12,474	13,651	14,144	15,417	16,200	17,534
Other finance, insurance, and real estate[9]	10,688*	11,491*	(D)	(D)	(D)	15,632*	12,253	13,177	12,053	13,603	16,190	17,810
Services	147,691	165,089	176,195	213,632	245,561	266,929	176,114	187,988	204,224	220,160	239,009	253,177
Hotels and other lodging places	(D)	4,443	5,139	5,620	5,842	6,507	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	7,626	7,558	8,610	10,106	11,071	12,534	7,536	8,058	9,463	9,725	9,984	10,653
Private households	4,711	5,245	5,278	5,284	5,336	5,397	2,383	2,638	2,612	2,564	2,553	2,582
Business services	14,187	17,910	18,882	27,730	33,502	30,176	17,262	19,580	23,771	27,259	28,433	32,747
Auto repair, services, and garages	7,203	7,964	9,320	10,067	10,500	11,886	7,588	9,148	10,510	11,137	11,397	12,815
Miscellaneous repair services	2,846	3,341	3,393	3,930	4,045	5,367	2,262	2,229	1,938	2,239	2,345	2,449
Amusement and recreation services	2,434	2,365	2,208	2,345	2,401	2,048	2,277	2,513	4,793	6,261	6,537	6,373
Motion pictures	(D)	593*	748*	761*	658*	647*	712	459	475	500	516	1,265
Health services	57,597	62,874	65,703	78,835	97,785	110,303	88,540	90,645	94,961	101,000	116,098	117,630
Legal services	5,699	6,863	7,600	10,405	9,775	10,948	8,078	10,690	11,942	11,947	11,902	13,220
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	17,701	18,699	20,344	23,878	24,690	25,845
Social services	2,101*	2,304*	2,423*	2,604*	2,647	2,966	6,236	6,622	7,216	7,283	7,403	8,056
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,541	5,770	5,919	6,242	6,464	6,831	5,666	6,245	6,364	6,269	6,352	6,860
Miscellaneous services	17,654	20,413	21,726	29,573	33,363	34,205	6,070	6,558	6,086	6,782	7,058	8,783
Government and government enterprises	183,524	197,324	216,919	222,563	242,395	259,734	64,354	65,005	68,835	70,998	73,797	79,436
Federal, civilian	81,020	87,744	95,227	95,473	108,009	112,568	8,615	8,944	9,428	9,440	9,779	10,689
Military	4,955	5,306	5,994	6,496	7,367	7,701	2,289	2,357	2,456	2,822	2,732	2,930
State and local	97,549	104,274	115,698	120,594	127,019	139,465	53,450	53,704	56,951	58,736	61,286	65,817

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Duluth, MN—WI (MSA)						Eau Claire, WI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,598,926**	**2,744,118**	**2,799,615**	**2,866,917**	**2,994,527**	**3,198,637**	**1,366,183**	**1,470,092**	**1,541,318**	**1,655,860**	**1,757,928**	**1,872,730**
Nonfarm personal income	2,594,365	2,737,889	2,793,688	2,859,085	2,987,959	3,191,971	1,340,166	1,425,116	1,501,316	1,606,855	1,707,662	1,824,188
Farm income[1]	4,561	6,229	5,927	7,832	6,568	6,666	26,017	44,976	40,002	49,005	50,266	48,542
Population (thousands)[2]	257.4	252.3	247.5	243.6	241.7	241.4	135.3	136.4	136.3	136.5	137.5	138.4
Per capita personal income (dollars)	**10,097**	**10,876**	**11,314**	**11,767**	**12,389**	**13,253**	**10,097**	**10,779**	**11,305**	**12,134**	**12,786**	**13,530**
Derivation of total personal income:												
Total earnings by place of work	1,668,945	1,789,335	1,807,707	1,859,645	1,961,901	2,115,879	929,081	1,014,862	1,056,044	1,160,254	1,241,446	1,322,976
Less: Personal contributions for social insurance[3]	111,293	117,766	124,450	127,479	134,193	153,246	53,594	57,715	63,305	68,756	73,933	83,382
Plus: Adjustment for residence	−22,269	−29,269	−32,907	−38,461	−45,793	−49,551	−4,537	−7,596	−7,428	−12,463	−12,497	−8,140
Equals: Net earnings by place of residence	1,535,383	1,642,300	1,650,350	1,693,705	1,781,915	1,913,082	870,950	949,551	985,311	1,079,035	1,155,016	1,231,454
Plus: Dividends, interest, and rent[4]	428,947	459,256	477,089	493,788	507,510	559,100	231,379	250,060	263,437	271,996	281,958	308,002
Plus: Transfer payments	634,596	642,562	672,176	679,424	705,102	726,455	263,854	270,481	292,570	304,829	320,954	333,274
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,399,898	1,499,141	1,515,556	1,559,620	1,644,301	1,772,722	743,449	793,900	836,207	911,812	975,769	1,043,764
Other labor income	144,354	148,948	145,453	150,885	158,641	173,429	75,582	78,108	79,089	87,285	94,685	100,857
Proprietors' income[5]	124,693	141,246	146,698	149,140	158,959	169,728	110,050	142,854	140,748	161,157	170,992	178,355
Farm	2,610	4,312	4,053	6,005	4,682	4,802	16,590	35,710	30,894	40,055	40,824	39,103
Nonfarm	122,083	136,934	142,645	143,135	154,277	164,926	93,460	107,144	109,854	121,102	130,168	139,252
Earnings by industry:												
Farm	4,561	6,229	5,927	7,832	6,568	6,666	26,017	44,976	40,002	49,005	50,266	48,542
Nonfarm	1,664,384	1,783,106	1,801,780	1,851,813	1,955,333	2,109,213	903,064	969,886	1,016,042	1,111,249	1,191,180	1,274,434
Private	1,289,174	1,369,082	1,366,845	1,391,826	1,484,113	1,624,108	734,979	791,949	825,366	906,291	979,814	1,048,509
Agricultural services, forestry, fisheries, and other[7]	7,877	8,322	4,683	2,976	4,755	4,981	5,957	(D)	(D)	4,779	6,300	7,209
Agricultural services	2,922*	2,931*	2,595*	2,485*	3,545*	3,961*	5,373	(D)	(D)	4,748	6,200	7,122
Forestry, fisheries, and other[7]	4,421*	4,930*	1,707*	267*	793*	(D)	584	501	288	(L)	100	87
Mining	173,931	198,003	178,479	140,623	150,173	189,118	1,720	1,917	2,705	875	755	731
Coal mining	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	67	67
Oil and gas extraction	3,474	3,790	5,376	1,773*	1,714*	1,663*	(D)	1,640	(D)	728	688	664
Metal mining	168,539	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	2,348	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Construction	78,321	87,901	91,951	129,226	142,726	119,776	50,106	53,248	56,892	63,635	65,954	71,615
Manufacturing	145,302	151,124	157,924	167,711	178,142	201,250	208,554	230,873	240,389	264,927	288,318	308,471
Nondurable goods	56,696	52,966	57,765	63,408	77,247	92,020	142,805	152,494	144,900	149,847	157,652	162,776
Food and kindred products	17,528*	13,656	(D)	(D)	16,433	17,622	30,045	27,380	(D)	(D)	25,559	26,284
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	1,850	1,731*	809	1,132	1,226	2,327	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	22,444	24,585	29,152	32,800	35,774	39,169	9,251	9,567	10,239	10,470	13,661	17,094
Chemicals and allied products	3,799	3,424	3,771	4,195	4,550	5,003	(D)	(D)	(D)	(D)	(D)	3,069
Petroleum and coal products	7,058	7,097	6,920	6,885	6,676	7,371	851	850	959	1,087	1,135	1,168
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)	(D)	16,752	15,952	(D)	(D)	(D)	(D)
Durable goods	88,606	98,158	100,159	104,303	100,895	109,230	65,749	78,379	95,489	115,080	130,666	145,695
Lumber and wood products	22,299	25,130	26,861	28,225	24,134	21,966	3,427	4,046*	3,654*	4,011*	5,181*	8,065*
Furniture and fixtures	287*	263*	270*	256*	278*	425*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	7,124*	9,654*	9,794*	9,229*	11,529*	15,100*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	23,336	(D)	24,215	23,397	18,228	17,863*	14,504	15,916	17,211	18,762	19,488	(D)
Machinery, except electrical	22,552	22,210	22,086	23,989	26,395	(D)	30,433	38,358	(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)	1,710*	(D)	(D)	(D)	(D)	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	6,560	(D)	5,536	5,541	6,068	5,651	6,063	7,304
Instruments and related products	719	747	990*	1,159	1,061	1,116	(D)	(D)	(D)	(D)	883	(D)
Miscellaneous manufacturing industries	261*	474	1,074	(D)	(D)	(D)	814	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	195,575	213,057	206,749	195,258	198,472	222,223	80,406	86,466	83,538	97,775	105,360	109,577
Railroad transportation	67,575	73,774	68,995	61,925	54,314	55,951	7,352	7,908	(D)	(D)	7,145	7,643
Trucking and warehousing	26,786	31,438	28,553	30,738	32,010	36,391	21,024	24,190	23,678	33,287	35,400	36,446
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	11,953	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	28,074	27,308	25,284*	23,217*	25,272*	26,505*	22,237	20,248	18,840	19,643	(D)	(D)
Electric, gas, and sanitary services	41,760	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	98,631	104,967	99,434	98,650	100,799	111,473	49,015	52,210	52,239	50,835	56,272	57,828
Retail trade	190,668	196,656	200,055	206,512	213,554	230,415	124,075	131,112	140,756	152,973	163,287	171,697
Finance, insurance, and real estate	54,190	54,364	56,459	59,744	66,160	69,048	32,936	(D)	(D)	35,403	38,214	39,916
Banking and credit agencies	29,435	29,959	31,765	32,284	30,991	(D)	13,832	(D)	(D)	13,582	14,573	14,963
Other finance, insurance, and real estate[9]	24,755	24,405	24,694	27,460	35,169	(D)	19,104	(D)	17,611*	21,821	23,641	24,953
Services	344,679	354,688	371,111	391,126	429,332	475,824	182,210	196,288	209,179	235,089	255,354	281,465
Hotels and other lodging places	13,791	13,774	14,480	13,971	16,247	18,023	3,962	3,653	3,283	2,987	3,832	5,495
Personal services	18,182	18,361	22,263	22,724	22,363	24,834	9,121	10,147	12,535	13,740	14,792	16,038
Private households	3,972	4,405	4,428	4,416	4,457	4,548	1,267	1,401	1,405	1,400	1,412	1,435
Business services	25,344	25,710	28,278	30,896	33,444	39,680	17,272	20,449	23,196	26,274	28,436	35,277
Auto repair, services, and garages	11,315	13,309	14,895	16,473	17,348	18,966	9,849	11,923	13,389	15,557	16,403	18,071
Miscellaneous repair services	7,204	8,215	7,446	7,598	8,080	10,589	4,762	5,790	4,826	4,923	5,329	6,033
Amusement and recreation services	4,807	5,275	5,628	6,776	8,157	8,033	2,723	2,822	2,993	3,386	3,548	3,466
Motion pictures	(D)	(D)	(D)	(D)	(D)	524	(D)	(D)	(D)	(D)	(D)	(D)
Health services	168,214	168,226	173,367	180,973	205,039	226,148	93,706	95,558	100,707	115,528	126,566	136,763
Legal services	20,928	21,736	22,370	23,006	24,991	26,813	8,525	9,197	9,685	10,896	11,676	12,467
Educational services	7,239	8,188	8,708	9,826	9,892*	11,283*	(D)	4,394	5,096	5,808	6,704	7,835
Social services	22,720	25,010	24,664	25,606	26,865	30,362	5,545	6,119	6,553	7,230	7,826	8,606
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	375*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	19,607	19,783	19,909	20,658	21,904	23,701	8,225	9,083	9,174	9,495	10,374	11,119
Miscellaneous services	20,735	21,841	23,731	27,307	29,216	31,325	13,267	15,339	15,889	17,414	18,153	18,455
Government and government enterprises	375,210	414,024	434,935	459,987	471,220	485,105	168,085	177,937	190,676	204,958	211,366	225,925
Federal, civilian	44,816	48,178	50,061	51,014	53,194	56,123	12,407	13,466	14,575	14,930	15,862	17,701
Military	8,150	8,177	8,191	8,997	10,358	10,943	3,540	4,252	4,666	5,036	5,399	5,622
State and local	322,244	357,669	376,683	399,976	407,668	418,039	152,138	160,219	171,435	184,992	190,105	202,602

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	El Paso, TX (MSA)						Elkhart—Goshen, IN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,274,939**	**4,616,376**	**4,922,692**	**5,148,296**	**5,475,457**	**5,863,775**	**1,565,754**	**1,770,485**	**1,866,648**	**2,027,505**	**2,209,378**	**2,377,730**
Nonfarm personal income	4,266,951	4,601,689	4,904,681	5,133,389	5,455,204	5,839,525	1,567,068	1,757,779	1,856,603	2,004,023	2,191,275	2,367,502
Farm income[1]	7,988	14,687	18,011	14,907	20,253	24,250	−1,314	12,706	10,045	23,482	18,103	10,228
Population (thousands)[2]	528.4	538.0	549.3	560.1	573.9	585.9	138.8	143.1	145.3	147.3	149.1	151.1
Per capita personal income (dollars)	**8,091**	**8,580**	**8,962**	**9,192**	**9,541**	**10,008**	**11,284**	**12,373**	**12,847**	**13,766**	**14,817**	**15,732**
Derivation of total personal income:												
Total earnings by place of work	3,288,013	3,526,345	3,766,160	3,917,192	4,162,786	4,447,409	1,599,612	1,842,633	1,925,913	2,103,734	2,318,337	2,502,281
Less: Personal contributions for social insurance[3]	176,280	189,868	212,235	224,401	238,092	265,347	91,105	105,166	116,729	127,759	139,677	158,417
Plus: Adjustment for residence	−144,133	−101,829	−149,647	−144,131	−154,492	−164,093	−383,022	−448,440	−462,235	−500,426	−562,591	−606,370
Equals: Net earnings by place of residence	2,967,600	3,234,648	3,404,278	3,548,660	3,770,202	4,017,969	1,125,485	1,289,027	1,346,949	1,475,549	1,616,069	1,737,494
Plus: Dividends, interest, and rent[5]	534,980	579,066	642,800	667,681	701,933	760,811	255,958	289,710	308,800	326,335	359,397	392,630
Plus: Transfer payments	772,359	802,662	875,614	931,955	1,003,322	1,084,995	184,311	191,748	210,899	225,621	233,912	247,606
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,765,942	2,953,827	3,169,293	3,285,688	3,470,434	3,711,557	1,331,171	1,526,619	1,598,269	1,729,378	1,911,484	2,075,693
Other labor income	249,520	257,080	258,465	279,188	301,522	327,070	165,163	182,919	181,866	200,778	223,631	240,487
Proprietors' income[6]	272,551	315,438	338,402	352,316	390,830	408,782	103,278	133,095	145,778	173,578	183,222	186,101
Farm	3,094	9,882	13,236	10,187	15,291	19,295	−4,806	9,264	6,686	20,194	14,698	6,874
Nonfarm	269,457	305,556	325,166	342,129	375,539	389,487	108,084	123,831	139,092	153,384	168,524	179,227
Earnings by industry:												
Farm	7,988	14,687	18,011	14,907	20,253	24,250	−1,314	12,706	10,045	23,482	18,103	10,228
Nonfarm	3,280,025	3,511,658	3,748,149	3,902,285	4,142,533	4,423,159	1,600,926	1,829,927	1,915,868	2,080,252	2,300,234	2,492,053
Private	2,347,571	2,547,919	2,697,898	2,816,208	2,985,950	3,187,527	1,516,862	1,740,102	1,817,918	1,973,521	2,184,085	2,368,259
Agricultural services, forestry, fisheries, and other[7]	7,834	8,001	8,056	8,309	10,847	12,677	4,590	4,379	5,860	5,614	8,203	8,538
Agricultural services	7,677	7,898	7,965	8,243	10,790	12,617	4,475	4,345	5,735	5,407	8,067	8,384
Forestry, fisheries, and other[7]	157	103	91	66	57	60	115	(L)	125	207	136	154
Mining	28,836	28,486	31,683	24,644	11,768	10,998	2,155	2,160	2,809	1,190	1,363	1,596
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	27,737	27,428	31,473	24,478	11,353	9,659	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	183,715	200,920	211,501	237,200	235,525	222,187	51,939	67,470	70,576	82,535	90,189	98,142
Manufacturing	563,949	626,169	619,786	629,637	656,552	720,977	945,430	1,086,983	1,127,022	1,218,764	1,364,432	1,478,383
Nondurable goods	319,879	344,699	340,089	332,580	372,873	412,876	250,363	285,574	299,124	309,597	335,425	341,822
Food and kindred products	45,461	46,362	48,730	51,213	53,158	58,499	27,988	30,899	32,824	30,560	35,998	35,613
Textile mill products	501	656	618	(D)	420	658	0	0	0	0	(D)	(D)
Apparel and other textile products	165,933	184,863	181,230	172,131	191,582	207,066	13,333	14,607	(D)	12,417	12,961	13,061
Paper and allied products	17,799	20,172	21,518	21,698	27,977	32,415	8,025	9,223	(D)	9,419	9,305	8,105
Printing and publishing	22,952	24,502	26,018	25,729	27,367	28,967	15,708	17,578	19,916	21,942	23,573	25,688
Chemicals and allied products	3,079	3,028	3,148	(D)	5,040	4,003	109,147	120,409	122,172	135,608	140,427	143,554
Petroleum and coal products	25,150	25,113	27,004	23,457	22,413	23,241	589	662	641	810	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	8,120	9,661	5,424	8,863	17,626	27,027	72,550	88,887	94,362	95,746	107,030	110,352
Leather and leather products	30,884	30,342	26,399	24,731	27,290	31,000	3,023	3,309	3,281	3,095	4,262	4,606
Durable goods	244,070	281,470	279,697	297,057	283,679	308,101	695,067	801,409	827,898	909,167	1,029,007	1,136,561
Lumber and wood products	9,925	9,879	10,510	11,626	13,112	12,839	127,230	128,573	140,530	168,076	193,923	211,551
Furniture and fixtures	1,309	1,946	3,097	4,004	4,756	5,090	45,196	51,237	51,134	59,019	64,197	73,053
Primary metal industries	75,350	83,787	71,396	58,785	57,406	68,367	12,933	15,679	19,623	23,207	27,596	31,411
Fabricated metal products	19,850	16,599	14,969	16,027	16,418	16,055	98,539	112,467	117,485	123,360	131,054	130,391
Machinery, except electrical	12,519	15,851	15,415	16,361	11,977	15,258	42,061	47,289	51,143	53,592	55,173	60,702
Electric and electronic equipment	62,604	90,558	103,265	108,032	94,534	112,900	38,790	44,107	44,372	47,355	53,379	58,397
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	1,317	1,116	1,275	161,716	184,957	176,361	138,582	163,014	178,858
Motor vehicles and equipment	(D)	(D)	(D)	26,079	32,422	25,951	101,853	140,361	156,768	219,997	257,263	302,562
Stone, clay, and glass products	15,327	18,700	20,683	19,121	17,010	14,954	9,480	13,086	14,088	18,163	21,786	22,769
Instruments and related products	5,559	7,135	12,540	15,564	14,530	14,691	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	25,007	26,744	18,162	20,141	20,398	20,721	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	283,687	297,802	312,011	312,343	342,131	361,518	75,301	86,903	91,445	95,147	96,876	100,817
Railroad transportation	46,097	55,094	57,295	52,013	48,192	44,531	24,440	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	50,890	55,526	62,749	72,600	79,093	85,229	20,997	26,339	29,266	31,677	34,685	39,339
Water transportation	(L)	(L)	(L)	(L)	(D)	(L)	0	0	0	0	0	0
Other transportation[8]	29,296	30,929	31,752	34,126	(D)	47,549	5,113	5,906	6,060	7,771	7,259	6,899
Communication	50,146	47,626	53,231	48,460	65,855	67,191	(D)	15,655	15,638	16,204	17,415	18,090
Electric, gas, and sanitary services	107,264	108,634	106,988	105,150	107,766	117,008	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	204,910	225,135	242,458	245,793	261,581	289,522	98,964	116,866	116,597	132,547	145,021	157,539
Retail trade	369,487	385,273	423,299	433,575	457,041	497,040	121,778	132,567	137,607	148,414	159,590	170,689
Finance, insurance, and real estate	143,751	166,269	184,809	197,839	198,034	194,940	39,538	42,060	44,831	49,885	55,550	61,843
Banking and credit agencies	66,121	75,963	83,507	88,302	88,127	85,265	25,195	27,088	28,997	31,211	32,710	35,542
Other finance, insurance, and real estate[9]	77,630	90,306	101,302	109,537	109,907	109,675	14,343	14,972	15,834	18,674	22,840	26,301
Services	561,402	609,864	664,295	726,868	812,471	877,668	177,167	200,714	221,171	239,425	262,861	290,712
Hotels and other lodging places	17,896	(D)	16,209	19,070	23,820	23,233	3,873	4,583	4,636	4,881	5,312	5,777
Personal services	34,091	38,559	48,114	47,845	51,544	61,198	11,374	12,211	15,433	17,177	18,460	20,550
Private households	10,563	11,873	12,093	12,249	12,346	12,471	2,569	2,847	2,851	2,835	2,855	2,888
Business services	95,563	109,402	122,857	138,973	158,010	171,665	25,522	31,201	36,743	38,419	42,744	48,762
Auto repair, services, and garages	27,917	32,264	34,709	38,376	41,668	41,865	18,291	21,769	24,310	26,443	27,912	32,055
Miscellaneous repair services	26,090	27,982	27,921	29,252	32,553	32,881	4,892	6,405	6,035	7,286	7,481	8,397
Amusement and recreation services	7,830	8,646	10,156	11,356	12,138	13,359	2,874	3,468	3,969	4,185	4,194	4,378
Motion pictures	2,527	2,094	2,363	(D)	(D)	2,679	272	(D)	(D)	(D)	(D)	(D)
Health services	212,833	219,996	231,306	249,809	287,569	308,171	68,742	73,630	78,280	83,429	94,756	103,592
Legal services	38,826	46,141	49,984	56,743	60,086	70,249	7,234	9,103	10,380	11,227	11,627	13,056
Educational services	10,582	11,918	13,597	15,306	14,806	17,458	(D)	7,282	7,612	7,679	8,058	8,816
Social services	13,709	15,482	17,452	16,621	20,431	19,526	4,695	5,295	5,751	6,261	6,538	7,398
Museums, botanical, zoological gardens	0	(D)	0	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	28,089	29,989	33,673	35,223	37,854	40,868	9,627	9,726	10,047	10,567	11,298	12,290
Miscellaneous services	34,886	39,845	43,861	53,497	57,326	62,045	10,508	12,817	14,694	18,607	21,176	22,232
Government and government enterprises	932,454	963,739	1,050,251	1,086,077	1,156,583	1,235,632	84,064	89,825	97,950	106,731	116,149	123,794
Federal, civilian	221,360	223,366	240,357	233,251	256,898	290,665	7,636	8,329	9,026	9,096	9,671	10,748
Military	307,631	308,199	321,025	330,328	344,460	339,380	3,367	3,217	3,738	4,356	4,605	4,806
State and local	403,463	432,174	488,869	522,498	555,225	605,587	73,061	78,279	85,186	93,279	101,873	108,240

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Elmira, NY (MSA)						Enid, OK (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,001,368**	**1,066,360**	**1,087,713**	**1,145,063**	**1,228,909**	**1,327,294**	**837,632**	**872,346**	**863,564**	**849,269**	**834,784**	**872,651**
Nonfarm personal income	998,191	1,061,885	1,082,773	1,139,117	1,222,056	1,321,008	824,428	848,011	844,378	816,644	811,547	837,340
Farm income[1]	3,177	4,475	4,940	5,946	6,853	6,286	13,204	24,335	19,186	32,625	23,237	35,311
Population (thousands)[2]	94.1	92.5	91.3	90.2	90.7	91.7	67.1	66.0	64.4	62.4	59.6	58.3
Per capita personal income (dollars)	**10,645**	**11,526**	**11,908**	**12,691**	**13,542**	**14,471**	**12,477**	**13,222**	**13,409**	**13,611**	**14,013**	**14,968**
Derivation of total personal income:												
Total earnings by place of work	636,509	680,528	689,095	728,495	807,949	879,385	608,106	631,322	607,728	585,007	560,051	586,320
Less: Personal contributions for social insurance[3]	40,630	43,926	46,382	50,805	56,646	64,718	35,148	36,045	37,295	35,590	34,727	37,774
Plus: Adjustment for residence	18,305	16,825	26,350	28,001	19,482	21,396	−8,545	−8,163	−6,461	−4,958	−3,406	−4,118
Equals: Net earnings by place of residence	614,184	653,427	669,063	705,691	770,785	836,063	564,413	587,114	563,972	544,459	521,918	544,428
Plus: Dividends, interest, and rent[5]	158,489	169,389	173,908	184,120	193,267	211,962	152,553	160,920	166,100	156,621	156,468	169,040
Plus: Transfer payments	228,695	243,544	244,742	255,252	264,857	279,269	120,666	124,312	133,492	148,189	156,398	159,183
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	528,801	564,522	572,083	606,114	674,228	735,147	468,387	476,831	463,788	431,965	416,205	426,029
Other labor income	55,884	56,515	53,033	55,433	61,334	66,518	51,268	48,501	42,950	40,604	37,917	39,072
Proprietors' income[6]	51,824	59,491	63,979	66,948	72,387	77,720	88,451	105,990	100,990	112,438	105,929	121,219
Farm	1,871	3,199	3,660	4,664	5,488	4,903	11,734	22,891	17,750	31,199	21,736	33,808
Nonfarm	49,953	56,292	60,319	62,284	66,899	72,817	76,717	83,099	83,240	81,239	84,193	87,411
Earnings by industry:												
Farm	3,177	4,475	4,940	5,946	6,853	6,286	13,204	24,335	19,186	32,625	23,237	35,311
Nonfarm	633,332	676,053	684,155	722,549	801,096	873,099	594,902	606,987	588,542	552,382	536,814	551,009
Private	526,727	561,956	561,523	590,318	661,659	719,984	487,373	496,404	483,468	446,201	434,308	445,940
Agricultural services, forestry, fisheries, and other[7]	1,576	1,524	1,486	1,451	2,258	2,516	3,690	3,469	3,088	2,614	3,719	3,845
Agricultural services	(D)	1,396	1,335	1,313	2,137	2,384	3,669	3,452	3,080	2,615	3,718	3,844
Forestry, fisheries, and other[7]	(D)	128	151	138	121	132	(L)	(L)	(L)	(L)	(L)	(L)
Mining	1,492	1,584	2,243	688	621	598	62,456	60,964	54,705	39,241	33,679	35,052
Coal mining	(L)	(L)	(L)	(L)	(D)	(L)	(L)	53	50	(L)	(L)	(L)
Oil and gas extraction	1,464	1,535	2,207	650	598	579	(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	0	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Construction	27,106	28,255	32,880	45,817	50,491	57,019	42,053	42,078	35,409	30,011	28,495	33,261
Manufacturing	189,599	195,928	173,970	167,246	193,209	215,021	60,929	55,605	46,803	40,429	38,770	39,242
Nondurable goods	30,513	30,291	30,005	27,183	29,661	32,899	38,416	31,520	24,373	23,274	24,105	23,562
Food and kindred products	9,284	7,386	7,976	7,359	8,616	9,023	10,400	9,892	11,399	11,176	12,093	11,888
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	0	0	0	0	(D)	(D)	(D)	(L)	(L)	(D)	(L)	79
Paper and allied products	8,489	8,940	8,554	8,109	9,018	10,398	0	0	0	0	0	0
Printing and publishing	8,573	8,825	8,901	6,894	7,843	8,619	3,702	3,711	(D)	(D)	(D)	3,169
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,784	3,459	2,704	2,951	2,497	2,857	19,245	13,007	4,040	2,979	3,034	3,229
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	1,133	1,489	(D)	(D)	89	(L)	0	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	159,086	165,637	143,965	140,063	163,548	182,122	22,513	24,085	22,430	17,155	14,665	15,680
Lumber and wood products	(D)	(D)	(D)	(D)	341	(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	1,922	2,383	2,642	2,210	(D)	(D)	0	0	(D)	0	0	0
Fabricated metal products	23,231	22,021	22,212	23,191	23,200	23,463	2,864	2,707	2,454	2,613	(D)	2,288
Machinery, except electrical	31,239	39,205	37,462	37,941	36,970	48,304	17,892	19,574	18,801	13,783	11,920	12,640
Electric and electronic equipment	34,183	35,518	34,272	35,447	46,507	45,449	0	(D)	(D)	(D)	0	0
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	24,585	0	0	0	0	0	0
Motor vehicles and equipment	15,028	15,563	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	42,228	35,966	19,353	18,334	25,778	23,536	1,234	1,117	742	609	605	460
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	247	178	59	77	(D)
Transportation and public utilities	38,566	41,092	40,192	40,222	43,374	43,876	72,528	74,314	71,831	72,283	69,511	66,855
Railroad transportation	3,555	3,669	3,391	3,329	3,369	3,144	7,342	8,655	6,681	6,748	6,734	6,175
Trucking and warehousing	7,673	11,160	8,894	7,974	9,963	11,294	14,740	15,050	13,529	14,280	13,509	14,518
Water transportation	0	0	0	0	0	0	0	0	0	0	0	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	29,399	28,825	30,258	31,611	32,146	(D)
Communication	16,953	15,426	15,840	16,371	16,592	15,129	10,108	9,500	8,277	6,724	5,864	5,030
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	10,939	12,284	13,086	12,920	11,258	9,802
Wholesale trade	42,401	46,239	47,285	49,984	55,583	60,448	39,205	40,105	38,889	36,122	37,395	41,092
Retail trade	69,627	75,755	81,827	89,538	95,017	98,401	73,258	78,441	77,263	66,533	62,605	63,702
Finance, insurance, and real estate	22,165	21,970	22,456	24,795	28,610	29,384	29,025	30,292	29,803	27,494	25,790	26,570
Banking and credit agencies	9,723	10,120	10,512	(D)	(D)	(D)	14,769	15,814	15,151	13,332	10,736	10,878
Other finance, insurance, and real estate[9]	12,442	11,850	11,944	(D)	(D)	(D)	14,256	14,478	14,652	14,162	15,054	15,692
Services	134,195	149,609	159,184	170,577	192,496	212,721	104,229	111,136	125,677	131,474	134,344	136,321
Hotels and other lodging places	1,817	(D)	(D)	(D)	2,038	2,028	1,674	1,491	1,495	1,045	1,531	1,118
Personal services	5,760	6,133	7,798	8,789	8,795	9,398	8,667	9,226	11,732	12,371	11,695	12,158
Private households	2,232	2,479	2,482	2,470	2,480	2,506	654	719	716	713	706	707
Business services	8,434	9,334	13,240	14,715	19,200	23,517	22,143	24,726	24,872	21,772	21,224	21,867
Auto repair, services, and garages	3,574	3,937	4,152	5,008	5,977	6,858	4,827	5,306	5,852	5,238	4,878	5,130
Miscellaneous repair services	2,471	2,981	2,721	3,154	3,199	4,160	1,945	1,879	1,699	1,726	1,694	1,929
Amusement and recreation services	1,601	1,702	1,940	2,204	2,780	2,955	1,876	2,112	2,046	2,152	1,963	1,840
Motion pictures	(D)	343	255	146	127	288	(D)	(D)	(D)	(D)	(D)	(D)
Health services	75,179	83,437	85,284	87,631	100,337	108,509	37,895	38,837	50,051	56,268	60,108	61,944
Legal services	8,149	9,367	9,713	11,055	11,622	12,653	7,041	8,309	10,151	13,165	13,407	12,937
Educational services	6,699	(D)	(D)	(D)	7,983	8,558	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,639	7,765	8,716	10,147	10,936	12,964	1,003	1,227	1,391	1,312	1,431	1,589
Museums, botanical, zoological gardens	(D)	204	229	292	312	368	0	0	0	0	0	0
Membership organizations	6,151	6,392	6,644	6,971	7,438	8,079	4,633	4,374	4,187	4,132	4,164	4,205
Miscellaneous services	4,985	6,696	6,720	8,322	9,272	9,880	7,130	7,859	6,473	6,580	6,378	6,355
Government and government enterprises	106,605	114,097	122,632	132,231	139,437	153,115	107,529	110,583	105,074	106,181	102,506	105,069
Federal, civilian	10,797	11,941	12,658	12,736	13,212	14,137	8,736	8,633	8,975	8,885	9,204	9,470
Military	1,133	1,057	1,273	1,371	1,517	1,597	28,768	33,267	35,271	36,726	38,193	38,167
State and local	94,675	101,099	108,701	118,124	124,708	137,381	70,025	68,683	60,828	60,570	55,109	57,432

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Erie, PA (MSA)						Eugene—Springfield, OR (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,983,720**	**3,174,154**	**3,358,188**	**3,496,555**	**3,672,954**	**3,934,063**	**2,765,531**	**2,968,134**	**3,099,027**	**3,224,330**	**3,484,297**	**3,773,896**
Nonfarm personal income	2,976,491	3,166,551	3,345,562	3,482,554	3,657,410	3,919,253	2,750,706	2,944,319	3,073,448	3,191,996	3,446,088	3,728,008
Farm income[1]	7,229	7,603	12,626	14,001	15,544	14,810	14,825	23,815	25,579	32,334	38,209	45,888
Population (thousands)[2]	282.4	282.1	278.8	278.6	277.4	277.0	267.3	266.4	263.9	264.1	266.3	270.1
Per capita personal income (dollars)	**10,567**	**11,253**	**12,043**	**12,552**	**13,238**	**14,201**	**10,345**	**11,140**	**11,744**	**12,209**	**13,085**	**13,973**
Derivation of total personal income:												
Total earnings by place of work	2,160,765	2,354,671	2,480,008	2,557,287	2,691,223	2,893,070	1,868,638	2,042,671	2,127,724	2,231,672	2,439,203	2,660,929
Less: Personal contributions for social insurance[3]	133,999	150,360	165,894	173,550	178,542	201,384	118,512	130,453	142,600	153,888	168,164	191,601
Plus: Adjustment for residence	−38,731	−44,018	−43,576	−44,296	−47,456	−51,138	25,981	24,440	23,920	22,994	23,800	23,943
Equals: Net earnings by place of residence	1,988,035	2,160,293	2,270,538	2,339,441	2,465,225	2,640,548	1,776,107	1,936,658	2,009,044	2,100,778	2,294,839	2,493,271
Plus: Dividends, interest, and rent[5]	427,416	463,371	498,662	521,256	551,607	602,979	492,199	526,579	542,147	565,629	604,320	664,217
Plus: Transfer payments	568,269	550,490	588,988	635,858	656,122	690,536	497,225	504,897	547,836	557,923	585,138	616,408
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,754,417	1,914,662	2,019,604	2,073,060	2,172,607	2,340,096	1,481,960	1,605,687	1,671,802	1,742,223	1,905,318	2,079,030
Other labor income	215,740	227,196	229,183	234,638	245,206	264,761	138,972	146,418	150,519	160,900	179,105	196,731
Proprietors' income[6]	190,608	212,813	231,221	249,589	273,410	288,213	247,706	290,566	305,403	328,549	354,780	385,168
Farm	2,111	2,626	7,552	8,906	10,100	9,267	8,126	17,226	19,051	25,883	31,444	39,139
Nonfarm	188,497	210,187	223,669	240,683	263,310	278,946	239,580	273,340	286,352	302,666	323,336	346,029
Earnings by industry:												
Farm	7,229	7,603	12,626	14,001	15,544	14,810	14,825	23,815	25,579	32,334	38,209	45,888
Nonfarm	2,153,536	2,347,068	2,467,382	2,543,286	2,675,679	2,878,260	1,853,813	2,018,856	2,102,145	2,199,338	2,400,994	2,615,041
Private	1,930,093	2,113,986	2,218,229	2,271,436	2,388,528	2,571,509	1,504,496	1,651,770	1,712,443	1,785,196	1,958,022	2,139,694
Agricultural services, forestry, fisheries, and other[7]	5,991	6,060	6,669	6,567	8,204	9,143	19,333	18,412	17,389	22,702	28,044	32,164
Agricultural services	5,324	5,517	6,196	6,237	7,893	8,753	7,386	7,198	7,591	7,999	11,457	13,690
Forestry, fisheries, and other[7]	667	543	473	330	311	390	11,947	11,214	9,798	14,703	16,587	18,474
Mining	9,096	11,961	13,286	9,926	8,838	8,437	7,647	8,003	9,332	6,493	5,811	6,870
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	5,918	9,114	10,580	6,502	5,627	5,318	3,093	3,507	4,901	1,441	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	73	(D)	(D)
Nonmetallic minerals, except fuels	3,171	2,839	2,698	3,413	3,205	3,113	4,552	4,501	4,412	4,976	4,437	5,204
Construction	93,991	110,322	115,209	122,454	135,799	144,671	94,044	102,233	110,513	115,813	127,735	138,737
Manufacturing	899,779	995,086	1,023,755	1,014,981	1,029,382	1,110,204	442,070	492,760	496,628	497,367	549,884	599,636
Nondurable goods	227,098	246,109	273,852	297,020	325,120	348,069	85,953	93,651	106,945	107,139	115,092	119,505
Food and kindred products	37,846	40,365	46,402	49,047	50,914	53,406	31,373	34,520	37,351	36,551	(D)	38,886
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	3,520	1,117	1,204	509	733	696	894
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,071	(D)	(D)	(D)
Printing and publishing	18,109	19,227	21,212	23,338	24,749	26,384	22,926	25,972	27,637	30,030	31,432	32,479
Chemicals and allied products	9,019	9,996	10,886	10,173	9,539	26,219	8,428	9,041	9,577	10,453	11,593	12,989
Petroleum and coal products	4,594	4,941	4,707	4,426	4,292	5,538	0	0	(D)	(D)	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	87,339	105,622	112,778	128,044	145,765	137,641	3,839	4,275	4,854	6,200	6,892	9,061
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)
Durable goods	672,681	748,977	749,903	717,961	704,262	762,135	356,117	399,109	390,583	390,228	434,792	480,131
Lumber and wood products	12,650	8,732	9,582	9,958	10,075	11,059	292,116	319,994	307,557	300,977	326,944	351,088
Furniture and fixtures	26,903	30,050	31,265	34,110	34,060	33,119	2,878	3,212	1,765	1,643	(D)	(D)
Primary metal industries	49,652	56,193	54,913	52,118	49,913	55,519	3,431	3,877	3,961	4,439	4,918	4,203
Fabricated metal products	140,011	159,515	165,131	167,971	175,885	185,287	9,863	12,126	12,525	14,023	15,946	15,408
Machinery, except electrical	99,403	107,675	116,669	109,657	113,352	128,812	22,292	28,819	31,243	32,633	43,015	56,192
Electric and electronic equipment	78,115	87,203	88,876	87,587	87,308	91,710	6,832	9,382	11,369	11,783	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,620	3,736	4,845	5,403	5,340	7,076
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	6,551	9,263	10,418	9,737	10,781	12,732
Stone, clay, and glass products	3,351	2,877	3,414	4,122	4,159	4,220	6,140	3,735	3,124	6,335	7,361	8,742
Instruments and related products	80,922	81,433	83,656	81,162	78,221	79,303	356	548	619	728	984	1,174
Miscellaneous manufacturing industries	2,554	2,317	2,228	2,842	3,507	3,737	3,038	4,417	3,157	2,527	3,110	4,806
Transportation and public utilities	120,562	131,429	133,044	133,050	131,908	137,468	130,623	142,617	139,368	139,751	141,120	148,348
Railroad transportation	9,412	10,990	11,948	9,900	7,859	7,782	33,877	37,815	35,223	35,770	37,099	38,115
Trucking and warehousing	31,447	34,931	32,322	32,868	33,312	35,930	41,475	54,531	52,177	54,492	58,425	61,474
Water transportation	1,252	1,150	1,669	1,729	1,667	(D)	(L)	(L)	(L)	(D)	(D)	(D)
Other transportation[8]	5,268	6,221	5,940	9,102	9,865	(D)	8,713	7,814	7,542	(D)	(D)	(D)
Communication	48,345	49,809	49,722	48,036	48,943	47,126	40,329	34,906	34,604	32,732	33,180	34,492
Electric, gas, and sanitary services	24,838	28,328	31,443	31,415	30,262	34,650	6,237	7,559	9,826	9,182	4,630	5,274
Wholesale trade	79,770	85,006	91,006	94,268	105,923	121,433	106,899	118,085	126,126	135,154	145,913	155,625
Retail trade	205,883	217,097	227,134	237,231	246,632	260,672	248,407	263,035	269,666	280,872	299,378	325,971
Finance, insurance, and real estate	89,390	98,478	106,984	113,375	122,830	138,703	64,320	66,751	65,546	73,065	85,985	97,774
Banking and credit agencies	30,730	35,774	36,803	40,477	42,413	48,817	25,803	24,595	25,357	27,445	30,442	33,863
Other finance, insurance, and real estate[9]	58,660	62,704	70,181	72,898	80,417	89,886	38,517	42,156	40,189	45,620	55,543	63,911
Services	425,631	458,547	501,142	539,584	599,012	640,778	391,153	439,874	477,875	513,979	574,152	634,569
Hotels and other lodging places	9,548	10,706	10,318	10,341	10,219	10,522	12,262	13,498	13,164	14,239	14,919	16,152
Personal services	22,473	24,305	28,568	31,695	34,036	36,190	21,271	22,195	27,282	28,019	29,878	33,776
Private households	(D)	(D)	(D)	(D)	(D)	(D)	4,937	5,488	5,503	5,494	5,543	5,669
Business services	33,964	38,493	46,655	50,257	57,061	59,956	66,369	76,911	84,705	87,593	100,278	114,264
Auto repair, services, and garages	17,593	18,816	20,522	23,724	25,233	27,771	22,950	27,003	28,788	30,889	31,949	34,846
Miscellaneous repair services	8,431	9,700	9,963	11,280	11,361	13,305	8,795	10,864	10,045	11,836	12,585	14,222
Amusement and recreation services	7,007	7,914	8,782	10,314	11,135	10,761	6,905	7,554	7,648	8,418	10,133	11,158
Motion pictures	339	428	425	504	631	521	(D)	(D)	(D)	(D)	(D)	(D)
Health services	214,281	229,345	248,030	259,148	295,932	310,737	150,295	162,128	174,250	189,611	220,067	242,750
Legal services	20,234	22,931	25,439	30,486	31,464	34,005	29,459	35,660	39,441	42,080	43,451	50,049
Educational services	23,167	24,682	27,170	29,466	31,624	34,015	7,895	9,074	10,806	10,374	10,446	11,270
Social services	25,253	23,115	24,957	27,795	31,231	37,690	10,113	12,261	15,028	17,632	20,188	19,494
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	19,692	20,497	21,099	22,195	23,629	25,623	18,771	19,525	21,007	21,174	23,032	24,909
Miscellaneous services	18,762	22,216	23,700	26,826	29,837	33,958	30,810	36,580	38,674	44,901	49,735	53,702
Government and government enterprises	223,443	233,082	249,153	271,850	287,151	306,751	349,317	367,086	389,702	414,142	442,972	475,347
Federal, civilian	32,816	35,112	37,112	37,416	39,962	43,914	53,908	56,605	59,565	59,356	64,304	70,340
Military	8,686	7,810	8,563	9,181	9,324	9,770	6,187	6,096	6,784	7,528	7,311	7,791
State and local	181,941	190,160	203,478	225,253	237,865	253,067	289,222	304,385	323,353	347,258	371,357	397,216

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Evansville, IN—KY (MSA)						Fargo—Moorhead, ND—MN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,252,838**	**3,585,716**	**3,741,030**	**3,941,098**	**4,070,789**	**4,343,832**	**1,640,421**	**1,756,649**	**1,831,671**	**1,919,726**	**2,010,751**	**2,109,476**
Nonfarm personal income	3,258,171	3,550,822	3,712,367	3,909,955	4,049,151	4,314,239	1,592,562	1,693,785	1,776,354	1,849,504	1,951,167	2,070,171
Farm income[1]	−5,333	34,894	28,663	31,143	21,638	29,593	47,859	62,864	55,317	70,222	59,584	39,305
Population (thousands)[2]	279.8	281.2	282.0	281.0	280.7	281.2	141.5	143.0	144.7	145.7	147.1	148.4
Per capita personal income (dollars)	**11,625**	**12,751**	**13,268**	**14,028**	**14,501**	**15,446**	**11,593**	**12,288**	**12,654**	**13,180**	**13,671**	**14,219**
Derivation of total personal income:												
Total earnings by place of work	2,488,841	2,795,793	2,916,724	3,074,278	3,156,940	3,349,169	1,215,841	1,321,237	1,376,950	1,463,164	1,536,105	1,605,282
Less: Personal contributions for social insurance[3]	141,131	158,005	174,632	185,860	190,685	212,069	73,761	79,804	88,459	99,564	105,252	116,748
Plus: Adjustment for residence	−164,044	−192,725	−212,518	−218,832	−211,845	−223,836	−25,454	−28,705	−33,808	−39,273	−42,256	−42,512
Equals: Net earnings by place of residence	2,183,666	2,445,063	2,529,574	2,669,586	2,754,410	2,913,264	1,116,626	1,212,728	1,254,683	1,324,327	1,388,597	1,446,022
Plus: Dividends, interest, and rent[5]	594,181	646,636	691,832	709,353	734,039	801,526	306,341	313,701	326,267	329,755	335,610	361,927
Plus: Transfer payments	474,991	494,017	519,624	562,159	582,340	629,042	217,454	230,220	250,721	265,644	286,544	301,527
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,029,389	2,246,574	2,356,413	2,472,984	2,550,088	2,700,412	977,733	1,050,591	1,104,478	1,159,419	1,227,550	1,304,010
Other labor income	239,165	254,781	254,168	266,817	271,442	284,263	87,965	90,849	92,005	95,908	100,054	106,082
Proprietors' income[6]	220,287	294,438	306,143	334,477	335,410	364,494	150,143	179,797	180,467	207,837	208,501	195,190
Farm	−11,784	28,514	22,521	25,195	15,557	23,671	37,706	52,937	45,392	60,401	49,348	29,067
Nonfarm	232,071	265,924	283,622	309,282	319,853	340,823	112,437	126,860	135,075	147,436	159,153	166,123
Earnings by industry:												
Farm	−5,333	34,894	28,663	31,143	21,638	29,593	47,859	62,864	55,317	70,222	59,584	39,305
Nonfarm	2,494,174	2,760,899	2,888,061	3,043,135	3,135,302	3,319,576	1,167,982	1,258,373	1,321,633	1,392,942	1,476,521	1,565,977
Private	2,300,442	2,554,100	2,661,524	2,797,249	2,880,227	3,044,194	965,636	1,043,249	1,090,022	1,147,617	1,218,243	1,293,831
Agricultural services, forestry, fisheries, and other[7]	6,704	5,858	6,168	6,233	9,190	10,005	4,883	5,032	5,355	4,894	7,147	8,309
Agricultural services	6,482	5,726	6,038	6,128	9,096	9,905	4,781	4,984	5,250	4,892	7,090	8,245
Forestry, fisheries, and other[7]	222	132	130	105	94	100	102	(L)	105	(L)	57	64
Mining	142,074	156,267	153,477	137,779	116,575	116,694	3,098	3,160	3,564	2,090	1,907	1,640
Coal mining	(D)	(D)	(D)	(D)	(D)	100,621	0	0	(D)	0	0	0
Oil and gas extraction	25,882*	24,022*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	185,292	229,554	250,487	286,144	274,387	287,585	85,786	93,751	95,476	100,427	105,848	110,880
Manufacturing	811,185	920,559	936,429	971,907	983,343	1,028,426	94,768	104,738	106,833	108,379	113,095	119,431
Nondurable goods	345,791	388,913	407,844	430,755	466,351	482,411	52,206	56,164	58,020	60,368	61,007	68,403
Food and kindred products	(D)	(D)	47,809*	43,581*	44,911*	40,473*	(D)	(D)	(D)	41,865	42,288	43,350
Textile mill products	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,983*	9,514*	9,417*	10,592*	(D)	10,108*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,202*	1,241*	(D)
Printing and publishing	38,186*	41,951*	44,873*	45,642*	48,610*	51,100*	11,291	12,278	13,256	14,199	13,830	15,028
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,461*
Petroleum and coal products	13,650	14,483	15,315	18,241	19,997	21,789	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	70,814*	92,561	93,918	97,542	109,094	115,424	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	465,394	531,646	528,585	541,152	516,992	546,015	42,562	48,574	48,813	48,011	52,088	51,028
Lumber and wood products	9,143*	10,855	10,617*	11,569*	11,218*	11,935*	587	619	1,208	1,761	2,797*	3,183
Furniture and fixtures	25,490*	28,425	(D)	30,737	20,402	15,948	1,883	2,337	2,834	2,795	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	42,586*	49,066*	50,272*	55,583*	56,055*	51,796*	6,398*	8,033*	8,604*	9,416*	10,029*	8,755*
Machinery, except electrical	40,790*	44,222*	40,535*	39,456*	39,234*	40,496*	24,462	26,276	24,760	20,995	20,354	17,412
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)	0	0	0	0
Motor vehicles and equipment	(D)	(D)	43,694*	(D)	44,246*	53,515	1,082	1,872	1,921	2,505	3,939	6,604
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	24,167*	4,126	4,447	4,706	4,931	5,095	5,499
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	796	824
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	13,298*	1,732*	2,094*	2,025*	(D)	(D)	(D)
Transportation and public utilities	177,723	193,425	196,717	201,909	208,601	221,069	113,571	118,655	120,603	126,458	129,922	134,392
Railroad transportation	36,562	38,124	33,784*	27,554*	21,316	25,054	15,970	18,710	18,252	17,837	17,921	17,607
Trucking and warehousing	56,787	65,314	67,591	73,260	72,634*	(D)	42,162	46,729	46,118	49,750	56,046	56,952
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	−72	−67	(L)	−57	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	29,705	30,677	31,868	33,196	36,363	37,880	40,156	34,815*	35,930*	36,294*	35,049*	37,896*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	6,520*	7,194	8,240	9,369	8,362	8,596
Wholesale trade	146,368	155,223	166,503	175,713	186,474	195,116	154,825	164,703	168,539	169,292	181,082	188,887
Retail trade	253,127	265,087	270,752	284,745	310,156	326,788	135,177	145,591	148,750	152,591	160,481	167,716
Finance, insurance, and real estate	81,974	90,415	97,245	108,797	117,425	121,001	82,225	88,976	95,330	103,345	110,372	115,255
Banking and credit agencies	39,964*	43,558*	46,082*	51,607*	54,809*	62,047	28,781	31,661	35,519	38,769	42,856	44,075
Other finance, insurance, and real estate[9]	39,100*	43,645*	47,813*	53,653*	58,314*	58,954	53,444	57,315	59,811	64,576	67,516	71,180
Services	495,995	537,712	583,746	624,022	674,076	737,510	291,303	318,643	345,572	380,141	408,389	447,321
Hotels and other lodging places	8,381*	8,407*	(D)	(D)	10,998*	(D)	9,027	(D)	(D)	(D)	(D)	(D)
Personal services	28,367	29,196	34,523	37,665	40,103	43,148	17,101	18,303	23,398	25,569	27,486	29,874
Private households	8,507	9,444	9,457	8,909*	8,953*	9,043*	3,915	4,366	4,374	4,322	4,284	4,297
Business services	53,566	59,513	69,478	78,454	87,380	97,973	23,607	26,942	29,323	35,262	40,814	48,086
Auto repair, services, and garages	23,114	27,401	33,058	34,670	35,787	38,351	11,155	12,720	14,219	15,940	16,794	18,402
Miscellaneous repair services	16,203	20,351	21,284	22,745	19,229	22,574	4,575	5,236	5,171	6,399	6,566	6,767
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	5,803	6,603	7,352	8,379	8,380	8,132
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	492	485	565	(D)	675
Health services	246,822	256,501	268,731	279,050	309,303	334,596	147,594	159,369	170,906	182,751	194,669	211,331
Legal services	22,572	27,922	30,689	35,255	37,119	41,561	14,179	15,753	17,336	19,760	21,784	22,961
Educational services	20,584	21,349*	23,739	24,221	24,297	25,817	(D)	(D)	(D)	(D)	(D)	(D)
Social services	12,717*	14,599*	15,889*	17,557*	19,387*	22,374*	7,784	8,334	10,139	11,890	13,027	14,886
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	20,059	20,941	20,807	21,460	22,867	24,043	11,835	12,605	12,867	13,343	13,959	14,995
Miscellaneous services	23,255	29,231	33,114	37,933	42,086	47,782	20,477	23,715	24,369	27,425	29,286	31,682
Government and government enterprises	193,732	206,799	226,537	245,886	255,075	275,382	202,346	215,124	231,611	245,325	258,278	272,146
Federal, civilian	26,319	28,967	31,766	32,200	33,219	36,635	49,689	51,533	54,620	56,116	59,892	66,366
Military	7,072	6,809	7,709	8,851	9,434	9,846	4,635	4,739	5,149	5,890	6,475	6,754
State and local	160,341	171,023	187,062	204,835	212,422	228,901	148,022	158,852	171,842	183,319	191,911	199,026

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Fayetteville, NC (MSA)						Fayetteville—Springdale, AR (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,286,882**	**2,494,044**	**2,664,854**	**2,794,643**	**2,996,507**	**3,224,780**	**938,509**	**1,065,398**	**1,154,021**	**1,238,835**	**1,316,246**	**1,421,168**
Nonfarm personal income	2,283,335	2,485,453	2,659,026	2,788,226	2,986,908	3,210,913	924,799	1,023,791	1,119,756	1,191,491	1,291,746	1,397,980
Farm income[1]	3,547	8,591	5,828	6,417	9,599	13,867	13,710	41,607	34,265	47,344	24,500	23,188
Population (thousands)[2]	250.8	254.0	255.5	254.6	256.7	255.7	102.4	104.1	105.7	107.1	108.9	110.6
Per capita personal income (dollars)	**9,117**	**9,818**	**10,431**	**10,976**	**11,673**	**12,612**	**9,164**	**10,238**	**10,922**	**11,563**	**12,084**	**12,844**
Derivation of total personal income:												
Total earnings by place of work	1,913,960	2,096,562	2,219,029	2,315,327	2,504,384	2,709,059	691,514	808,911	865,383	949,346	1,036,705	1,119,098
Less: Personal contributions for social insurance[3]	106,045	117,323	127,359	135,754	148,871	170,109	40,819	46,105	52,777	62,125	69,271	78,574
Plus: Adjustment for residence	−86,413	−93,890	−95,542	−94,877	−108,959	−133,146	−41,054	−45,883	−44,259	−51,100	−74,313	−68,999
Equals: Net earnings by place of residence	1,721,502	1,885,349	1,996,128	2,084,696	2,246,554	2,405,804	609,641	716,923	768,347	836,121	893,121	971,525
Plus: Dividends, interest, and rent[5]	181,001	213,194	235,776	253,433	270,873	298,214	165,637	179,096	202,279	208,697	216,110	234,381
Plus: Transfer payments	384,379	395,501	432,950	456,514	479,080	520,762	163,231	169,379	183,395	194,017	207,015	215,262
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,727,316	1,880,193	1,996,202	2,070,749	2,226,089	2,395,538	542,960	611,610	660,106	719,949	808,525	879,301
Other labor income	90,124	97,943	100,131	104,339	119,620	139,141	60,974	66,447	71,392	77,265	90,446	99,364
Proprietors' income[6]	96,520	118,426	122,696	140,239	158,675	174,380	87,580	130,854	133,885	152,132	137,734	140,433
Farm	661	5,760	3,007	3,620	6,651	10,899	8,371	36,344	29,137	42,336	19,293	18,025
Nonfarm	95,859	112,666	119,689	136,619	152,024	163,481	79,209	94,510	104,748	109,796	118,441	122,408
Earnings by industry:												
Farm	3,547	8,591	5,828	6,417	9,599	13,867	13,710	41,607	34,265	47,344	24,500	23,188
Nonfarm	1,910,413	2,087,971	2,213,201	2,308,910	2,494,785	2,695,192	677,804	767,304	831,118	902,002	1,012,205	1,095,910
Private	801,804	915,205	976,555	1,044,285	1,174,482	1,307,321	530,889	603,695	653,911	712,122	814,925	885,234
Agricultural services, forestry, fisheries, and other[7]	4,702	5,271	5,430	7,511	9,996	11,934	3,314	3,471	3,113	3,033	4,631	5,078
Agricultural services	4,128	4,894	5,161	(D)	(D)	(D)	3,128	3,339	3,024	2,999	4,592	5,040
Forestry, fisheries, and other[7]	574	377	269	(D)	(D)	(D)	186	132	89	(L)	(L)	(L)
Mining	1,335	1,552	2,146	683	437	427	1,899	2,140	2,754	1,549	1,461	1,319
Coal mining	51	80	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	2,053	613	404	393	1,899	2,140	2,754	1,549	1,461	1,319
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Construction	64,733	77,392	84,989	96,988	109,746	109,217	40,961	47,817	54,803	56,678	61,541	58,591
Manufacturing	227,494	266,098	266,823	270,388	301,123	331,069	145,266	162,739	174,767	199,373	251,946	278,969
Nondurable goods	157,090	184,932	186,034	179,117	201,038	221,382	91,333	101,064	109,103	128,172	161,833	175,805
Food and kindred products	11,773	12,320	10,682	11,527	13,196	14,258	72,952	81,294	88,490	105,293	133,304	146,525
Textile mill products	11,842	19,773	(D)	(D)	19,516	20,474	0	0	0	0	0	0
Apparel and other textile products	12,261	13,700	12,714	12,404	13,210	17,718	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	7,577	8,601	9,519	10,779	12,199	12,476	12,458	13,473	13,761	15,290	16,056	16,331
Chemicals and allied products	16,489	18,024	18,128	14,319	19,584	14,847	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	778	877	517	358	(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)	828	826	724	933	1,175	1,877
Leather and leather products	(D)	(D)	0	0	0	0	0	0	0	0	0	0
Durable goods	70,404	81,166	80,789	91,271	100,085	109,687	53,933	61,675	65,664	71,201	90,113	103,164
Lumber and wood products	9,037	10,137	6,483	6,542	8,073	8,701	1,529	1,669	1,883	2,244	3,888	3,577
Furniture and fixtures	2,700	2,745	2,873	3,078	2,739	3,395	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	3,682	3,798	5,405
Fabricated metal products	2,017	2,224	2,812	3,441	4,132	4,910	27,429	33,390	35,933	36,948	44,468	48,265
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	6,359	7,241	6,929	7,330	8,718	11,581
Electric and electronic equipment	12,905	15,502	(D)	(D)	(D)	18,500	6,302	7,645	6,438	6,728	7,338	8,591
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)	2,460	(D)	(D)
Stone, clay, and glass products	3,817	3,880	4,891	5,602	5,855	6,179	1,779	1,704	1,798	2,020	2,078	2,020
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Miscellaneous manufacturing industries	115	(D)	99	(D)	(D)	(D)	(D)	5,095	6,092	6,520	8,556	8,398
Transportation and public utilities	69,807	77,689	82,024	80,882	107,972	155,633	80,037	95,246	105,764	114,299	130,881	141,618
Railroad transportation	2,811	(D)	(D)	(D)	1,441	1,911	(D)	(D)	(D)	1,407	1,575	(D)
Trucking and warehousing	29,317	34,091	33,876	30,530	34,080	(D)	45,480	58,870	66,215	72,444	86,555	97,461
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	30,164	(D)	(D)	(D)	(D)	7,506	5,393	(D)
Communication	(D)	27,599	29,353	27,660	30,709	29,397	13,514	13,684	14,456	15,007	15,373	15,865
Electric, gas, and sanitary services	7,024	8,009	8,981	11,560	11,582	13,376	11,869	12,805	14,999	17,935	21,985	21,727
Wholesale trade	41,786	39,671	46,453	52,746	59,757	62,518	38,283	44,071	46,416	51,690	51,476	55,289
Retail trade	180,044	202,639	219,442	231,883	244,332	256,192	85,870	96,885	103,464	105,829	112,480	120,894
Finance, insurance, and real estate	44,487	48,535	52,156	60,617	66,862	76,599	26,111	29,756	30,698	33,195	35,589	37,745
Banking and credit agencies	19,300	21,433	24,410	28,373	30,194	35,525	14,047	15,742	16,609	17,400	16,990	17,764
Other finance, insurance, and real estate[9]	25,187	27,102	27,746	32,244	36,668	41,074	12,064	14,014	14,089	15,795	18,599	19,981
Services	167,416	196,358	217,092	242,587	274,257	303,732	109,148	121,570	132,132	146,476	164,920	185,731
Hotels and other lodging places	6,534	7,568	7,361	8,640	9,760	9,692	3,818	3,852	3,792	4,381	4,900	4,836
Personal services	15,768	17,705	20,412	23,720	28,477	30,560	10,325	10,876	12,913	14,098	14,312	15,284
Private households	10,384	11,680	11,856	11,917	12,089	12,320	2,345	2,616	2,628	2,623	2,646	2,673
Business services	20,306	23,886	28,414	34,240	40,788	49,096	15,215	17,184	19,061	21,983	25,613	30,821
Auto repair, services, and garages	12,224	15,288	17,121	18,461	21,036	24,070	8,310	9,961	11,100	11,060	10,944	13,300
Miscellaneous repair services	6,331	7,886	7,133	8,297	9,153	10,059	2,485	2,812	2,405	3,122	2,924	3,557
Amusement and recreation services	3,075	3,360	4,000	4,656	4,981	4,825	1,368	1,459	1,400	1,465	1,678	1,752
Motion pictures	529	632	506	441	529	422	(D)	(D)	(D)	606	788	871
Health services	50,594	60,637	68,085	78,621	90,061	100,194	39,429	43,190	46,168	51,941	63,026	70,742
Legal services	11,028	13,487	14,755	16,235	17,449	19,461	8,377	9,986	11,029	12,034	12,334	14,197
Educational services	5,481	5,731	6,397	6,794	8,089	8,099	(D)	(D)	(D)	1,186	1,286	1,781
Social services	5,534	6,272	6,753	5,166	5,765	6,882	4,645	5,383	5,972	6,409	7,265	8,277
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	9,803	9,818	10,989	9,680	9,749	10,252	4,534	4,641	4,760	4,805	4,956	5,252
Miscellaneous services	9,825	12,408	13,310	15,719	16,331	17,800	7,121	8,266	8,685	10,763	12,248	12,388
Government and government enterprises	1,108,609	1,172,766	1,236,646	1,264,625	1,320,303	1,387,871	146,915	163,609	177,207	189,880	197,280	210,676
Federal, civilian	178,903	192,784	202,721	212,627	224,587	267,682	23,904	25,505	27,734	27,402	30,237	32,394
Military	756,463	794,759	829,812	830,488	855,507	852,137	3,672	3,741	3,858	4,076	4,430	4,517
State and local	173,243	185,223	204,113	221,510	240,209	268,052	119,339	134,363	145,615	158,402	162,613	173,765

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Flint, MI (MSA)						Florence, AL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**5,276,855**	**5,849,465**	**6,277,361**	**6,554,875**	**6,385,218**	**6,619,206**	**1,214,159**	**1,297,706**	**1,362,650**	**1,429,874**	**1,507,906**	**1,623,636**
Nonfarm personal income	5,271,533	5,841,878	6,270,101	6,549,488	6,377,086	6,612,838	1,202,208	1,276,182	1,338,146	1,410,825	1,483,055	1,596,145
Farm income[1]	5,322	7,587	7,260	5,387	8,132	6,368	11,951	21,524	24,504	19,049	24,851	27,491
Population (thousands)[2]	435.6	433.4	434.3	434.2	434.2	430.7	137.0	136.9	137.8	135.9	135.5	135.5
Per capita personal income (dollars)	**12,115**	**13,497**	**14,452**	**15,095**	**14,705**	**15,367**	**8,860**	**9,480**	**9,889**	**10,524**	**11,131**	**11,978**
Derivation of total personal income:												
Total earnings by place of work	4,535,319	5,124,745	5,567,125	5,715,175	5,322,266	5,305,870	878,454	927,912	958,120	997,199	1,049,337	1,130,450
Less: Personal contributions for social insurance[3]	277,492	318,457	368,481	367,097	340,024	356,432	52,764	56,372	60,502	60,377	63,438	71,211
Plus: Adjustment for residence	−502,820	−572,866	−612,994	−620,073	−518,373	−459,579	−6,933	2,739	13,923	16,686	25,317	39,433
Equals: Net earnings by place of residence	3,755,007	4,233,422	4,585,650	4,728,005	4,463,869	4,489,859	818,757	874,279	911,541	953,508	1,011,216	1,098,672
Plus: Dividends, interest, and rent[5]	648,204	732,483	783,652	850,138	881,149	964,148	170,492	188,330	202,209	210,362	221,178	239,189
Plus: Transfer payments	873,644	883,560	908,059	976,732	1,040,200	1,165,199	224,910	235,097	248,900	266,004	275,512	285,775
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,756,880	4,271,590	4,692,609	4,806,343	4,457,996	4,464,283	715,675	746,605	771,797	801,493	837,060	902,121
Other labor income	605,812	660,651	666,418	683,937	609,884	574,800	83,363	82,290	79,965	84,898	87,296	94,988
Proprietors' income[6]	172,627	192,504	208,098	224,895	254,386	266,787	79,416	99,017	106,358	110,808	124,981	133,341
Farm	3,137	5,433	5,154	3,323	5,955	4,187	9,167	18,807	21,745	16,274	21,894	24,486
Nonfarm	169,490	187,071	202,944	221,572	248,431	262,600	70,249	80,210	84,613	94,534	103,087	108,855
Earnings by industry:												
Farm	5,322	7,587	7,260	5,387	8,132	6,368	11,951	21,524	24,504	19,049	24,851	27,491
Nonfarm	4,529,997	5,117,158	5,559,865	5,709,788	5,314,134	5,299,502	866,503	906,388	933,616	978,150	1,024,486	1,102,959
Private	4,071,867	4,641,731	5,052,381	5,161,338	4,740,216	4,699,811	649,497	682,033	695,945	736,379	773,329	837,186
Agricultural services, forestry, fisheries, and other[7]	4,474	4,501	5,765	6,033	7,736	8,984	3,131	3,347	3,373	2,951	(D)	3,410
Agricultural services	4,183	(D)	5,580	5,966	7,649	8,897	(D)	(D)	(D)	(D)	2,757	(D)
Forestry, fisheries, and other[7]	291	(D)	185	67	87	87	(D)	(D)	(D)	(D)	(D)	(D)
Mining	6,614	7,632	10,812	4,743	4,221	4,416	1,926	1,683	2,032	1,290	(D)	1,294
Coal mining	(L)	(L)	(L)	(D)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	6,456	7,397	10,654	4,485	3,956	4,179	(D)	(D)	(D)	(D)	363	310
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	155	240	161	(D)	213	196	(D)	(D)	(D)	(D)	(D)	984
Construction	108,946	120,636	165,472	166,205	176,597	193,358	41,358	46,980	46,192	45,722	50,710	62,119
Manufacturing	2,508,264	2,922,296	3,190,876	3,144,825	2,584,924	2,407,768	302,216	303,994	298,144	313,811	315,437	335,106
Nondurable goods	60,342	65,859	73,045	77,476	79,866	93,322	81,301	87,814	83,371	88,564	99,874	103,446
Food and kindred products	13,017	14,650	15,018	15,246	15,396	16,564	10,964	10,759	11,752	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,834
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	21,884*	24,045*	27,891	35,149	43,518*	44,260*
Paper and allied products	6,548	7,422	7,237	8,585	10,235	11,161	(D)	0	0	(D)	(D)	(D)
Printing and publishing	16,871	17,349	19,887	22,075	23,022	26,056	(D)	(D)	4,380	4,204	4,661	5,332
Chemicals and allied products	12,076	15,556	17,282	14,647	14,357	15,109	14,571*	15,091*	14,761*	(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	10,368	9,965	12,895	16,023	16,351	23,371	(D)	(D)	(D)	(D)	21,933	(D)
Leather and leather products	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	463	(D)
Durable goods	2,447,922	2,856,437	3,117,831	3,067,349	2,505,058	2,314,446	220,915	216,180	214,773	225,247	215,563	231,660
Lumber and wood products	788	1,025	1,054	1,382	2,129	1,961	5,034	5,770	6,078	7,052	8,029	8,066
Furniture and fixtures	(D)	(D)	(D)	(D)	6,465	6,056	5,506	7,837	8,243	7,273*	9,828*	11,084*
Primary metal industries	1,331	1,739	(D)	1,792	(D)	(D)	(D)	154,710*	(D)	(D)	138,631	147,686
Fabricated metal products	231,359	266,057	514,025	505,762	455,741	490,329	15,489	17,358	17,404	17,799	18,224	16,566
Machinery, except electrical	27,965	36,345	46,059	48,722	42,662	49,824	9,967	11,021	13,934	14,113	14,297	(D)
Electric and electronic equipment	2,793	6,861	5,598	5,758	6,986	1,628	(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	2,175,174	2,535,606	2,536,503	2,489,243	1,974,585	1,746,812	4,985*	7,677*	5,855*	4,164*	5,119*	6,310*
Stone, clay, and glass products	5,549	5,123	6,350	7,851	8,500	9,789	(D)	6,655	(D)	(D)	(D)	(D)
Instruments and related products	835	1,404	1,858	2,154	2,527	3,722	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,997	1,861	2,736	2,598	3,495	2,243	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	146,680	151,102	149,086	153,270	161,892	150,550	43,375	46,019	45,367	44,631	45,971	47,745
Railroad transportation	15,316	16,670	17,452	17,604	19,418	20,329	10,955	12,403	12,979	13,517	14,799	13,567
Trucking and warehousing	56,453	60,182	53,799	55,573	55,753	49,643	13,792	16,166	15,410	15,406	14,897	17,673
Water transportation	(D)	(D)	(D)	(D)	834	(D)	4,264*	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	7,046	(D)	(D)	(D)	(D)	1,052	(D)	(D)	(D)	(D)	(D)
Communication	42,413	38,824	40,579	41,920	43,195	42,566	10,456	8,803	8,641	8,818	8,785	8,754
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	28,144	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	297,183	355,839	357,767	381,885	398,327	456,100	31,253	34,367	37,340	40,039	43,747	48,842
Retail trade	327,459	346,930	375,025	411,004	437,967	458,703	84,496	90,768	96,239	101,460	105,500	110,531
Finance, insurance, and real estate	96,267	99,815	107,802	120,089	127,777	127,930	26,752	29,988	32,948	35,528	35,996	36,204
Banking and credit agencies	54,143	58,245	61,463	66,791	65,143	63,967	14,176	14,778	16,092	17,874	(D)	(D)
Other finance, insurance, and real estate[9]	42,124	41,570	46,339	53,298	62,634	63,963	12,576	15,210	16,856	17,654	(D)	(D)
Services	575,980	632,980	689,776	773,284	840,775	892,002	114,990	124,887	134,310	150,947	171,259	191,935
Hotels and other lodging places	2,889	3,762	4,681	4,972	5,609	5,265	(D)	(D)	(D)	3,195	3,170	3,232
Personal services	27,940	28,947	35,526	39,303	41,964	45,058	8,530	9,116	10,820	11,428	12,321	13,816
Private households	5,685	6,286	6,306	6,302	6,359	6,426	2,942	3,267	3,292	3,296	3,332	3,370
Business services	40,579	47,521	59,102	72,002	76,405	91,857	9,475	8,965	9,902	12,485	14,418	15,962
Auto repair, services, and garages	20,808	25,567	31,480	36,220	37,846	41,939	8,870	10,269	10,282	10,589	11,116	12,932
Miscellaneous repair services	7,260	9,174	11,558	11,329	11,757	13,646	2,369	2,935	2,887	3,104	3,129	3,504
Amusement and recreation services	8,057	11,644	12,233	10,700	11,213	12,364	1,472	1,473	1,626	1,754	1,930	2,068
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	313,243	325,892	324,922	359,652	402,324	406,892	42,467	44,734	48,455	54,568	64,614	74,321
Legal services	24,819	29,221	30,186	32,803	41,299	44,000	7,130	8,829	9,198	10,069	10,735	11,507
Educational services	24,864	28,764	31,606	34,047	35,596	37,216	(D)	(D)	(D)	(D)	(D)	(D)
Social services	22,059	24,213	26,700	29,392	30,648	42,558	(D)	1,509	1,471	1,632	1,998	2,714
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Membership organizations	34,932	36,080	37,711	39,180	40,602	42,891	7,247	7,347	7,001	7,465	7,667	8,138
Miscellaneous services	41,514	54,548	75,069	94,883	96,677	99,370	18,981	22,361	24,807	29,721	35,020	38,241
Government and government enterprises	458,130	475,427	507,484	548,450	573,918	599,691	217,006	224,355	237,671	241,771	251,157	265,773
Federal, civilian	36,547	39,862	42,469	42,042	42,779	46,823	102,218	103,494	103,024	98,824	105,056	113,021
Military	4,941	4,809	5,237	5,571	6,042	6,334	5,842	6,238	7,043	7,669	8,672	9,009
State and local	416,642	430,756	459,778	500,837	525,097	546,534	108,946	114,623	127,604	135,278	137,429	143,743

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Florence, SC (MSA)						Fort Collins—Loveland, CO (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**996,601**	**1,095,528**	**1,161,734**	**1,230,565**	**1,317,001**	**1,426,466**	**1,870,795**	**2,051,279**	**2,205,652**	**2,360,796**	**2,535,877**	**2,700,293**
Nonfarm personal income	986,873	1,078,171	1,148,887	1,225,107	1,303,714	1,410,720	1,858,526	2,038,566	2,193,152	2,343,929	2,519,371	2,686,191
Farm income[1]	9,728	17,357	12,847	5,458	13,287	15,746	12,269	12,713	12,500	16,867	16,506	14,102
Population (thousands)[2]	112.6	114.4	115.7	116.4	117.0	118.0	162.4	165.9	170.7	175.5	179.1	182.0
Per capita personal income (dollars)	**8,849**	**9,580**	**10,039**	**10,572**	**11,256**	**12,094**	**11,521**	**12,364**	**12,924**	**13,452**	**14,156**	**14,839**
Derivation of total personal income:												
Total earnings by place of work	783,642	885,957	924,383	986,859	1,060,002	1,147,844	1,187,585	1,325,953	1,415,186	1,521,478	1,618,542	1,728,817
Less: Personal contributions for social insurance[3]	45,170	51,069	56,557	62,577	66,269	74,795	63,154	71,158	79,577	87,542	92,913	103,542
Plus: Adjustment for residence	−40,951	−55,595	−60,369	−61,030	−59,682	−63,964	169,279	185,333	207,041	216,883	236,576	245,475
Equals: Net earnings by place of residence	697,521	779,293	807,457	863,252	934,051	1,009,085	1,293,710	1,440,128	1,542,650	1,650,819	1,762,205	1,870,750
Plus: Dividends, interest, and rent[5]	121,607	131,448	145,092	148,540	156,348	172,706	351,039	376,088	403,985	426,102	462,533	498,550
Plus: Transfer payments	177,473	184,787	209,185	218,773	226,602	244,675	226,046	235,063	259,017	283,875	311,139	330,993
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	651,717	728,954	767,808	820,024	871,430	944,393	950,946	1,056,872	1,129,655	1,209,633	1,291,134	1,383,051
Other labor income	65,943	72,406	72,505	76,905	81,887	87,979	88,034	94,537	97,515	104,759	111,066	121,481
Proprietors' income[6]	65,982	84,597	84,070	89,930	106,685	115,472	148,605	174,544	188,016	207,086	216,342	224,285
Farm	4,411	12,156	7,641	264	7,749	10,131	8,151	8,645	8,550	13,058	12,588	10,256
Nonfarm	61,571	72,441	76,429	89,666	98,936	105,341	140,454	165,899	179,466	194,028	203,754	214,029
Earnings by industry:												
Farm	9,728	17,357	12,847	5,458	13,287	15,746	12,269	12,713	12,500	16,867	16,506	14,102
Nonfarm	773,914	868,600	911,536	981,401	1,046,715	1,132,098	1,175,316	1,313,240	1,402,686	1,504,611	1,602,036	1,714,715
Private	655,963	739,203	765,659	822,935	877,953	946,912	889,092	1,003,170	1,064,583	1,142,959	1,204,307	1,292,217
Agricultural services, forestry, fisheries, and other[7]	1,881	1,971	2,081	2,296	3,192	3,379	8,575	8,859	9,956	9,852	12,050	14,351
Agricultural services	1,252	1,298	1,554	1,674	2,566	2,860	7,952	8,499	9,252	9,145	11,523	13,506
Forestry, fisheries, and other[7]	629	673	527	622	626	519	623	360	704	707	527	845
Mining	1,197	1,246	1,805	956	1,014	1,016	12,061	11,093	11,884	10,513	11,107	10,633
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	340	327	309	(D)	(D)	9,296	7,565	8,298	7,695
Metal mining	0	0	0	0	0	0	(D)	(D)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	613	685	705	3,288	2,971	2,586	2,946	2,794	2,926
Construction	53,650	68,357	74,019	84,268	78,386	86,964	125,640	147,554	144,369	151,784	155,589	132,036
Manufacturing	245,932	278,616	275,100	281,967	299,235	309,477	296,488	324,859	343,739	369,939	384,934	452,111
Nondurable goods	149,870	175,048	174,614	184,952	189,201	194,639	32,064	35,896	36,651	39,912	48,523	77,847
Food and kindred products	18,994	20,501	22,012	25,865	25,643	23,680	12,507	12,290	10,759	10,853	12,319	40,314
Textile mill products	46,263	49,229	50,405	52,794	55,584	62,155	(L)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	21,169	20,312	16,582	18,179	18,106	20,818	(D)	77	121	(D)	121	167
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,189
Printing and publishing	3,572	3,973	4,270	4,306	5,082	6,189	13,702	15,963	17,785	20,435	25,589	25,190
Chemicals and allied products	1,187	(D)	(D)	(D)	(D)	(D)	1,889	2,068	2,255	2,443	2,570	3,187
Petroleum and coal products	0	0	0	0	0	0	(D)	(D)	0	0	556	543
Tobacco manufactures	3,770	5,239	4,790	4,815	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	3,006	4,647	4,831	4,982	6,334	7,244
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	96,062	103,568	100,486	97,015	110,034	114,838	264,424	288,963	307,088	330,027	336,411	374,264
Lumber and wood products	14,057	13,889	13,479	13,458	15,139	15,332	9,903	10,991	(D)	8,169	8,795	9,726
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,061	1,755	1,751	2,340	3,620	3,734
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,677	2,089	2,657	2,656	1,568	1,551
Fabricated metal products	17,472	19,910	22,423	24,165	26,360	28,323	8,713	9,974	8,731	7,893	6,708	6,377
Machinery, except electrical	7,313	6,310	(D)	7,293	8,428	8,895	111,947	118,001	132,587	148,601	157,722	192,995
Electric and electronic equipment	44,051	47,276	38,521	30,504	30,397	35,732	31,934	37,275	41,195	45,317	49,160	56,227
Transportation equip. excl. motor vehicles	0	0	(D)	(D)	0	0	0	(D)	0	(D)	388	537
Motor vehicles and equipment	0	0	(D)	(D)	(D)	(D)	(D)	(D)	521	(D)	(D)	(D)
Stone, clay, and glass products	1,680	(D)	1,994	2,273	3,077	3,554	5,760	10,087	10,573	10,891	8,128	6,669
Instruments and related products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	0	(D)	(D)	(D)	(D)	(D)	4,299	4,246	5,258	4,875	4,323	5,196
Transportation and public utilities	66,882	67,819	66,553	66,353	65,430	69,651	39,679	44,040	45,512	47,993	47,800	49,839
Railroad transportation	24,170	25,661	23,729	20,930	17,548	20,127	1,432	1,924	2,105	1,604	(D)	1,279
Trucking and warehousing	14,500	15,540	14,541	15,449	18,057	19,428	10,570	15,023	14,410	15,893	17,599	17,602
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(L)	(D)	(L)
Other transportation[8]	3,733	3,063	4,637	4,797	3,907	4,875	(D)	(D)	(D)	5,229	6,040	7,478
Communication	16,134	14,691	13,482	13,050	13,515	12,301	12,141	12,067	13,033	13,197	12,942	14,517
Electric, gas, and sanitary services	8,345	8,864	10,164	12,127	12,403	12,920	9,961	10,804	11,613	12,084	10,000	8,929
Wholesale trade	41,624	45,765	49,275	52,111	55,175	64,540	26,713	34,255	37,448	37,602	41,203	44,019
Retail trade	88,652	99,158	105,207	114,401	122,615	131,337	139,958	151,604	160,800	166,542	175,227	186,333
Finance, insurance, and real estate	32,344	35,070	39,041	48,202	51,827	56,631	44,600	52,316	58,165	65,350	70,136	66,867
Banking and credit agencies	17,483	19,022	20,805	23,423	25,160	28,773	22,950	24,633	26,741	28,890	28,063	26,747
Other finance, insurance, and real estate[9]	14,861	16,048	18,236	24,779	26,667	27,858	21,650	27,683	31,424	36,460	42,073	40,120
Services	123,801	141,201	152,578	172,381	201,079	223,917	195,378	228,590	252,710	283,384	306,261	336,028
Hotels and other lodging places	6,956	6,993	7,060	7,648	8,666	9,586	7,819	6,765	9,083	11,992	11,808	12,211
Personal services	6,671	7,167	8,809	9,400	11,101	14,605	14,368	14,636	17,697	19,567	20,081	21,644
Private households	4,578	5,131	5,190	5,217	5,295	5,407	3,843	4,306	4,365	4,380	4,420	4,463
Business services	8,946	11,626	12,827	14,903	18,118	18,152	39,596	49,940	56,693	63,284	67,086	79,973
Auto repair, services, and garages	6,797	8,106	9,168	9,828	10,403	11,789	10,785	14,358	16,279	17,801	18,825	20,888
Miscellaneous repair services	2,665	2,840	3,005	3,199	4,005	5,019	5,362	6,226	5,758	6,777	7,272	7,789
Amusement and recreation services	1,664	1,638	2,065	2,114	1,852	1,932	3,630	4,605	5,276	5,915	6,197	6,207
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	607	799	1,511	1,799	1,260	1,260
Health services	54,571	60,230	66,112	71,040	87,049	97,927	61,614	67,805	71,617	78,269	90,372	96,503
Legal services	5,526	6,260	6,923	8,439	8,831	10,076	9,127	11,732	12,959	14,852	15,998	19,145
Educational services	934	1,163	1,326	1,578	2,200	(D)	1,148	1,738	2,203	2,521	2,891	3,184
Social services	2,866	3,208	3,516	3,697	4,491	4,739	(D)	(D)	5,725	6,705	8,446	10,950
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0
Membership organizations	5,595	5,719	5,604	5,580	5,835	6,153	10,970	12,020	12,397	13,144	14,568	16,164
Miscellaneous services	15,717	20,787	20,646	29,407	32,736	35,446	23,498	29,302	31,147	36,378	37,037	35,647
Government and government enterprises	117,951	129,397	145,877	158,466	168,762	185,186	286,224	310,070	338,103	361,652	397,729	422,498
Federal, civilian	13,520	14,393	15,331	15,256	15,918	17,132	43,764	46,844	48,659	52,169	56,538	61,066
Military	4,817	5,328	5,674	5,734	6,109	6,369	5,284	5,398	5,760	6,157	6,122	6,106
State and local	99,614	109,676	124,872	137,476	146,735	161,685	237,176	257,828	283,684	303,326	335,069	355,326

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Fort Lauderdale—Hollywood—Pompano Beach, FL (PMSA)						Fort Myers—Cape Coral, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**16,239,045**	**17,720,449**	**19,226,990**	**20,440,410**	**22,282,583**	**24,372,913**	**2,983,711**	**3,350,801**	**3,813,280**	**4,237,476**	**4,742,347**	**5,221,490**
Nonfarm personal income	16,205,971	17,690,257	19,192,374	20,402,174	22,247,714	24,336,843	2,948,028	3,315,228	3,775,026	4,194,714	4,695,202	5,171,666
Farm income[1]	33,074	30,192	34,616	38,236	34,869	36,070	35,683	35,573	38,254	42,762	47,145	49,824
Population (thousands)[2]	1,087.2	1,101.0	1,120.2	1,138.9	1,163.3	1,187.0	241.5	255.2	266.8	281.1	296.2	309.1
Per capita personal income (dollars)	**14,937**	**16,095**	**17,164**	**17,947**	**19,155**	**20,533**	**12,353**	**13,132**	**14,290**	**15,075**	**16,013**	**16,890**
Derivation of total personal income:												
Total earnings by place of work	7,659,933	8,657,100	9,510,367	10,422,319	11,722,004	12,790,534	1,473,029	1,667,340	1,880,436	2,129,578	2,412,840	2,703,599
Less: Personal contributions for social insurance[3]	423,001	486,858	559,912	616,259	689,316	792,550	80,092	92,521	110,580	126,262	142,095	168,694
Plus: Adjustment for residence	1,723,199	1,691,144	1,771,340	1,868,498	1,977,281	2,098,752	24,376	26,791	30,402	35,342	42,074	44,596
Equals: Net earnings by place of residence	8,960,131	9,861,386	10,721,795	11,674,558	13,009,969	14,096,736	1,417,313	1,601,610	1,800,258	2,038,658	2,312,819	2,579,501
Plus: Dividends, interest, and rent[5]	4,787,101	5,255,403	5,722,517	5,912,767	6,282,710	6,987,826	945,716	1,084,778	1,262,944	1,382,151	1,542,813	1,718,036
Plus: Transfer payments	2,491,813	2,603,660	2,782,678	2,853,085	2,989,904	3,288,351	620,682	664,413	750,078	816,667	886,715	923,953
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,385,509	7,221,233	7,909,368	8,621,726	9,703,430	10,603,424	1,157,790	1,318,105	1,472,081	1,653,740	1,899,110	2,138,870
Other labor income	608,131	664,402	696,102	771,983	863,457	930,095	108,804	120,242	129,590	148,122	168,819	190,631
Proprietors' income[6]	666,293	771,465	904,897	1,028,610	1,155,117	1,257,015	206,435	228,993	278,765	327,716	344,911	374,098
Farm	23,716	20,972	25,642	29,488	25,859	27,182	23,433	23,593	26,218	30,624	34,136	36,546
Nonfarm	642,577	750,493	879,255	999,122	1,129,258	1,229,833	183,002	205,400	252,547	297,092	310,775	337,552
Earnings by industry:												
Farm	33,074	30,192	34,616	38,236	34,869	36,070	35,683	35,573	38,254	42,762	47,145	49,824
Nonfarm	7,626,859	8,626,908	9,475,751	10,384,083	11,687,135	12,754,464	1,437,346	1,631,767	1,842,182	2,086,816	2,365,695	2,653,775
Private	6,677,071	7,610,657	8,340,463	9,139,287	10,306,565	11,208,712	1,228,426	1,400,685	1,590,046	1,804,693	2,040,911	2,290,652
Agricultural services, forestry, fisheries, and other[7]	48,670	51,023	55,075	56,924	76,919	90,959	23,858	22,466	33,505	39,514	38,636	44,155
Agricultural services	46,941	50,008	52,856	55,086	75,134	88,676	13,121	15,148	15,909	16,002	20,672	(D)
Forestry, fisheries, and other[7]	1,729	1,015	2,219	1,838	1,785	2,283	10,737	7,318	17,596	23,512	17,964	(D)
Mining	56,244	62,433	88,975	37,770	34,567	34,038	11,945	14,765	22,191	9,247	8,870	9,050
Coal mining	3,513	3,635	3,535	3,492	(D)	1,868	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	48,137	50,235	76,068	23,873	23,147	22,485	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(D)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	4,599	8,573	9,376	10,405	9,553	9,662	(D)	(D)	(D)	(D)	(D)	(D)
Construction	691,303	859,544	931,785	1,017,709	1,044,785	1,128,812	196,210	240,113	263,223	293,545	326,580	358,995
Manufacturing	888,955	999,662	1,065,349	1,097,135	1,199,678	1,311,080	70,121	81,805	88,518	104,099	112,853	130,696
Nondurable goods	194,694	226,368	256,579	286,181	333,169	349,840	27,323	29,815	33,351	39,860	48,815	58,765
Food and kindred products	24,399	28,500	32,425	34,107	40,905	37,158	7,588	7,949	8,776	10,056	9,726	10,701
Textile mill products	455	693	773	1,404	4,686	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	18,794	19,720	20,197	23,439	27,334	29,982	1,488	1,469	1,768	2,560	2,945	3,326
Paper and allied products	1,724	2,063	1,873	2,202	2,531	2,945	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	99,512	115,791	137,384	152,731	175,405	188,429	14,162	15,991	17,028	19,738	22,249	24,253
Chemicals and allied products	14,645	14,821	15,021	19,451	20,521	22,750	2,481	2,885	3,177	4,666	5,846	6,681
Petroleum and coal products	4,087	5,267	5,072	6,904	8,191	9,763	212	0	0	0	(D)	(D)
Tobacco manufactures	111	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	38,468	43,225	45,692	53,295	51,751	971	1,287	2,407	2,637	7,968	9,942
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Durable goods	694,261	773,294	808,770	810,954	866,509	961,240	42,798	51,990	55,167	64,239	64,038	71,931
Lumber and wood products	15,628	17,847	18,596	22,766	24,213	27,423	3,763	4,254	4,630	5,889	7,613	10,364
Furniture and fixtures	22,471	23,641	30,746	34,400	41,144	43,622	(D)	256	339	583	(D)	(D)
Primary metal industries	1,998	2,658	2,789	3,280	3,462	4,019	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	65,280	74,268	76,928	78,270	77,349	84,888	5,923	7,877	8,389	9,512	8,769	9,075
Machinery, except electrical	188,235	191,114	215,312	214,558	229,627	222,380	5,665	6,742	7,475	9,481	10,022	10,376
Electric and electronic equipment	264,614	303,160	289,824	264,024	276,859	347,256	1,726	2,189	2,064	3,461	5,248	5,562
Transportation equip. excl. motor vehicles	51,940	62,573	68,612	79,593	70,377	71,811	2,711	3,161	4,058	4,909	6,202	7,529
Motor vehicles and equipment	13,234	14,318	15,595	17,024	17,545	15,285	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	35,212	41,611	43,449	48,227	57,130	64,670	13,185	16,743	18,191	19,116	16,412	18,408
Instruments and related products	21,851	23,574	25,958	23,976	25,372	29,123	(D)	(D)	(D)	9,795	(D)	7,979
Miscellaneous manufacturing industries	13,798	18,530	20,961	24,836	43,431	50,763	371	509	879	1,264	771	1,251
Transportation and public utilities	551,875	592,257	614,809	657,110	753,257	769,231	106,222	113,447	125,981	144,685	141,228	152,614
Railroad transportation	1,908	2,120	2,085	2,176	2,375	2,802	625	656	593	488	(D)	295
Trucking and warehousing	62,561	77,960	80,364	94,694	106,514	133,776	21,141	23,417	23,162	25,073	27,398	31,935
Water transportation	30,499	33,426	34,664	32,325	38,258	48,700	2,189	2,297	2,715	2,659	3,682	4,087
Other transportation[8]	(D)	137,539	151,445	177,756	237,291	195,289	11,292	11,960	12,776	16,600	(D)	21,920
Communication	(D)	254,569	255,362	248,119	260,992	266,657	44,119	46,638	50,277	52,416	52,244	54,933
Electric, gas, and sanitary services	86,607	86,643	90,889	102,040	107,827	122,007	26,856	28,479	36,458	47,409	37,491	39,444
Wholesale trade	453,914	519,283	583,574	633,754	777,628	879,801	68,558	78,208	88,840	94,636	105,697	119,381
Retail trade	1,150,995	1,260,169	1,387,511	1,519,245	1,642,675	1,769,588	249,042	279,559	320,404	356,706	403,536	453,330
Finance, insurance, and real estate	716,514	743,985	818,786	929,743	1,106,962	1,179,519	117,971	119,317	129,943	149,951	177,626	190,215
Banking and credit agencies	258,269	304,367	336,757	398,037	455,065	495,834	38,287	41,350	43,921	49,533	55,111	65,350
Other finance, insurance, and real estate[9]	458,245	439,618	482,029	531,706	651,897	683,685	79,684	77,967	86,022	100,418	122,515	124,865
Services	2,118,601	2,522,301	2,794,599	3,189,897	3,670,094	4,045,684	384,499	451,005	517,441	612,310	725,885	832,216
Hotels and other lodging places	121,708	140,835	154,839	167,448	183,811	192,479	28,030	31,087	34,346	42,574	49,471	56,399
Personal services	83,668	97,442	114,642	134,805	143,400	149,546	20,958	22,993	31,383	33,579	36,106	41,351
Private households	60,580	68,974	70,977	72,431	74,624	77,101	9,951	11,330	11,662	11,902	12,262	12,670
Business services	337,110	410,865	459,107	536,454	595,704	699,612	43,006	50,536	63,202	77,251	94,477	97,909
Auto repair, services, and garages	88,490	105,459	121,762	133,469	148,252	165,617	18,540	22,261	25,357	30,826	37,707	45,769
Miscellaneous repair services	43,138	49,760	44,386	54,030	61,704	67,683	6,941	9,055	9,012	11,135	10,635	12,323
Amusement and recreation services	84,121	95,012	98,759	111,071	122,761	128,848	10,796	11,590	14,874	16,079	19,089	21,963
Motion pictures	10,110	9,923	(D)	12,432	12,830	14,834	(D)	(D)	(D)	(D)	(D)	(D)
Health services	699,679	794,043	865,838	935,972	1,129,694	1,233,450	128,021	150,111	166,097	189,870	242,711	282,373
Legal services	185,397	232,512	263,517	299,260	387,205	403,785	25,783	30,236	33,274	39,428	45,264	53,518
Educational services	52,909	61,294	69,444	80,000	87,850	96,745	3,074	3,384	3,930	4,101	4,554	4,972
Social services	40,525	47,722	56,085	61,584	71,217	88,895	11,194	13,278	19,344	21,912	25,525	29,767
Museums, botanical, zoological gardens	636	688	(D)	1,336	1,447	1,522	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	70,732	98,241	96,002	105,369	113,792	126,843	15,649	19,675	19,508	21,728	24,731	29,866
Miscellaneous services	239,798	309,531	366,783	484,236	535,803	598,724	61,560	74,257	84,130	110,590	121,739	141,591
Government and government enterprises	949,788	1,016,251	1,135,288	1,244,796	1,380,570	1,545,752	208,920	231,082	252,136	282,123	324,784	363,123
Federal, civilian	102,763	113,388	127,386	134,038	153,368	182,042	23,647	26,112	29,239	30,476	34,000	40,259
Military	13,072	14,198	15,819	17,111	17,463	18,159	3,168	3,531	3,980	4,338	4,523	4,695
State and local	833,953	888,665	992,083	1,093,647	1,209,739	1,345,551	182,105	201,439	218,917	247,309	286,261	318,169

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Fort Pierce, FL (MSA)						Fort Smith, AR—OK (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,319,405**	**2,509,282**	**2,819,014**	**3,107,628**	**3,498,822**	**3,893,929**	**1,575,099**	**1,721,780**	**1,838,911**	**1,951,802**	**2,074,721**	**2,212,297**
Nonfarm personal income	2,177,770	2,402,507	2,705,378	2,995,192	3,369,575	3,737,004	1,559,346	1,696,769	1,812,815	1,918,375	2,043,672	2,176,637
Farm income[1]	141,635	106,775	113,636	112,436	129,247	156,925	15,753	25,011	26,096	33,427	31,049	35,660
Population (thousands)[2]	182.6	191.3	198.6	209.8	221.3	231.8	167.4	170.9	173.5	175.6	178.3	180.7
Per capita personal income (dollars)	**12,699**	**13,117**	**14,193**	**14,816**	**15,811**	**16,798**	**9,409**	**10,078**	**10,601**	**11,113**	**11,637**	**12,242**
Derivation of total personal income:												
Total earnings by place of work	1,210,690	1,254,942	1,359,547	1,504,426	1,749,095	1,968,616	1,222,364	1,373,152	1,459,223	1,572,089	1,686,954	1,794,650
Less: Personal contributions for social insurance[3]	59,916	65,387	74,956	84,139	97,645	115,548	78,445	88,184	99,297	116,391	124,034	137,865
Plus: Adjustment for residence	61,562	85,439	109,348	129,229	137,371	146,921	−96,654	−115,044	−124,834	−133,210	−146,108	−151,132
Equals: Net earnings by place of residence	1,212,336	1,274,994	1,393,939	1,549,516	1,788,821	1,999,989	1,047,265	1,169,924	1,235,092	1,322,488	1,416,812	1,505,653
Plus: Dividends, interest, and rent[5]	700,159	796,784	931,040	1,016,013	1,120,553	1,249,564	239,589	259,622	288,200	292,591	304,530	328,957
Plus: Transfer payments	406,910	437,504	494,035	542,099	589,448	644,376	288,245	292,234	315,619	336,723	353,379	377,687
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	882,330	941,817	1,017,593	1,129,315	1,315,535	1,477,752	973,566	1,089,940	1,160,901	1,242,173	1,338,026	1,422,462
Other labor income	87,916	89,964	93,166	105,427	123,715	137,202	110,386	118,956	121,324	129,381	141,003	149,967
Proprietors' income[6]	240,444	223,161	248,788	269,684	309,845	353,662	138,412	164,256	176,998	200,535	207,925	222,221
Farm	118,897	84,466	91,515	90,511	106,257	133,877	12,674	21,975	23,150	30,558	28,076	32,726
Nonfarm	121,547	138,695	157,273	179,173	203,588	219,785	125,738	142,281	153,848	169,977	179,849	189,495
Earnings by industry:												
Farm	141,635	106,775	113,636	112,436	129,247	156,925	15,753	25,011	26,096	33,427	31,049	35,660
Nonfarm	1,069,055	1,148,167	1,245,911	1,391,990	1,619,848	1,811,691	1,206,611	1,348,141	1,433,127	1,538,662	1,655,905	1,758,990
Private	941,479	1,006,108	1,083,032	1,207,336	1,412,472	1,578,503	1,088,346	1,219,490	1,295,901	1,393,119	1,502,288	1,589,634
Agricultural services, forestry, fisheries, and other[7]	50,469	50,609	56,664	55,980	68,078	76,842	2,768	2,674	2,885	2,824	4,343	4,496
Agricultural services	49,338	50,210	54,803	52,924	65,778	74,192	2,633	2,587	2,788	2,735	4,268	4,417
Forestry, fisheries, and other[7]	1,131	399	1,861	3,056	2,300	2,650	135	87	97	89	75	79
Mining	10,265	10,699	16,634	6,198	5,741	5,838	32,331	36,722	38,820	31,370	28,872	30,431
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	4,707	4,252	4,287	29,098*	33,356*	35,641*	27,216*	25,133*	27,053*
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(L)	−119	−53	(L)	(D)	236
Nonmetallic minerals, except fuels	(D)	(D)	(D)	1,475	1,473	1,536	(D)	(D)	(D)	(D)	(D)	(D)
Construction	178,031	172,889	158,279	188,168	227,859	245,914	69,121	86,768	88,006	94,907	99,517	95,784
Manufacturing	93,891	105,826	118,389	127,867	144,115	156,238	413,422	467,741	494,624	541,359	590,583	625,063
Nondurable goods	37,781	41,378	44,977	48,047	50,457	54,344	138,954	152,598	170,487	189,715	204,551	218,443
Food and kindred products	15,130*	15,845*	(D)	(D)	(D)	(D)	65,534*	72,536*	83,813*	94,384*	103,905*	110,860*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	593*	(D)	(D)	2,373	3,209	3,418*	3,320*	3,376*	5,666*
Paper and allied products	0	0	0	0	0	0	27,764*	29,804*	31,147*	33,788*	35,568*	37,570*
Printing and publishing	13,280	15,390	16,658	17,527	18,680	18,437	16,039*	17,336*	19,111*	20,641*	22,099*	24,030*
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)	(D)	7,853	16,320*	18,566*	(D)	(D)	23,092*	23,171*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	56,110	64,448	73,412	79,820	93,658	101,894	274,468	315,143	324,137	351,644	386,032	406,620
Lumber and wood products	2,849	4,494	5,670	6,756	9,235	10,983	4,414*	5,177*	5,519	5,857*	6,755	6,862
Furniture and fixtures	(D)	(D)	(D)	(D)	958*	1,019*	44,145	46,159	43,844	46,046*	50,156*	53,341*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	1,105	2,118	2,488	3,404	5,524	10,546*	12,385*	13,505*	13,020*	(D)	(D)
Machinery, except electrical	4,595	5,505	6,682	7,010	6,436	10,157	49,140*	58,054*	62,762*	73,419*	77,876*	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	111,384*	129,131*	129,688*	143,071*	160,564*	164,914*
Transportation equip. excl. motor vehicles	(D)	(D)	39,358	45,504	56,291	55,818	(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)	7,933	8,854	6,284	(D)	(D)	15,549*	(D)	17,157*	14,758*	14,727*	(D)
Instruments and related products	2,251	3,569	3,472*	3,502	3,943	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	437	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	96,138	104,055	106,984	110,399	128,506	132,464	86,900	95,795	100,793	112,868	120,906	132,254
Railroad transportation	1,873	2,188	2,589	1,562	1,533	1,409	11,988	12,615	12,213	11,911	12,659	11,451
Trucking and warehousing	(D)	22,260	(D)	(D)	(D)	(D)	38,509	44,640	49,043	58,217	64,261	76,353
Water transportation	2,729	3,761	3,738	(D)	2,907	3,002	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	27,175	27,210	26,794	29,397	29,569	20,407	19,684	19,958	19,952	19,952	18,719*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	11,965	14,148	15,160	17,038	18,333	18,346
Wholesale trade	32,047	35,541	41,663	41,971	51,857	60,957	66,387	71,165	75,157	74,832	78,431	81,712
Retail trade	148,494	168,956	185,894	212,308	241,827	277,457	128,846	140,330	150,062	152,869	158,647	168,460
Finance, insurance, and real estate	65,801	67,110	71,272	82,373	101,484	120,546	44,784	50,742	55,806	63,078	64,910	69,625
Banking and credit agencies	(D)	(D)	(D)	39,126	44,845	49,117	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	43,247	56,639	71,429	(D)	26,344*	(D)	(D)	(D)	(D)
Services	266,343	290,423	327,253	382,072	443,005	502,247	243,787	267,553	289,748	319,012	356,079	381,809
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	5,186	5,181	(D)	6,184*	6,532*	(D)
Personal services	10,769	11,434	15,320	17,108	19,498	21,455	14,651	16,063	19,785	20,871	20,851	22,950
Private households	14,672	16,716	17,195	17,546	18,074	18,673	3,769	4,201	4,212	4,201	4,218	4,249
Business services	32,949	35,931	41,259	48,500	55,464	59,626	31,059	38,202	44,474	51,636	59,793	68,583
Auto repair, services, and garages	8,717	10,651	12,576	15,239	17,439	19,363	13,343	15,813	18,362	20,063	20,533	22,066
Miscellaneous repair services	6,123	7,552	6,237	7,633	8,864	10,684	5,889	6,730	6,938	7,520	7,280	8,336
Amusement and recreation services	8,303	10,022	12,722	13,936	15,217	16,414	2,289*	3,069	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	93,758	106,781	117,069	133,660	159,351	182,607	123,928	129,583	131,314	140,337	162,917	170,513
Legal services	12,891	15,995	18,823	24,037	30,468	34,190	13,295	15,194	17,191	19,683	19,490	21,746
Educational services	6,134	6,776	7,042	6,784	6,020	6,485	1,733*	1,943	2,595	2,702	2,822	5,229
Social services	(D)	(D)	(D)	(D)	(D)	(D)	6,698	7,134	7,733	8,566	9,364	10,220
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,028	14,012	14,769	17,857	19,889	22,216	9,359	9,917	10,742	10,988	11,149	12,292
Miscellaneous services	43,728	37,219	45,730	62,103	72,011	84,846	11,667	14,180	15,821	19,954	21,091	21,840
Government and government enterprises	127,576	142,059	162,879	184,654	207,376	233,188	118,265	128,651	137,226	145,543	153,617	169,356
Federal, civilian	11,349	12,773	15,026	16,258	18,181	21,055	31,389	33,960	36,431	37,012	40,682	47,400
Military	4,373	4,771	5,102	5,483	4,247	4,370	5,072	5,238	5,579	6,190	6,816	7,064
State and local	111,854	124,515	142,751	162,913	184,948	207,763	81,804	89,453	95,216	102,341	106,119	114,892

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Fort Walton Beach, FL (MSA)						Fort Wayne, IN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,251,601**	**1,376,394**	**1,511,643**	**1,651,161**	**1,817,587**	**1,956,943**	**3,946,934**	**4,366,524**	**4,707,483**	**5,140,748**	**5,541,398**	**6,001,347**
Nonfarm personal income	1,251,191	1,375,523	1,510,943	1,650,452	1,816,829	1,955,546	3,951,442	4,340,199	4,684,234	5,110,981	5,514,887	5,983,374
Farm income[1]	410	871	700	709	758	1,397	−4,508	26,325	23,249	29,767	26,511	17,973
Population (thousands)[2]	124.5	129.8	135.1	140.8	146.1	150.6	348.1	348.9	351.8	358.6	364.7	367.4
Per capita personal income (dollars)	**10,049**	**10,605**	**11,189**	**11,731**	**12,437**	**12,995**	**11,337**	**12,516**	**13,383**	**14,337**	**15,195**	**16,336**
Derivation of total personal income:												
Total earnings by place of work	912,349	1,008,347	1,089,156	1,198,895	1,325,349	1,418,701	3,115,674	3,498,522	3,810,237	4,230,783	4,610,340	4,978,395
Less: Personal contributions for social insurance[3]	47,995	53,924	60,100	67,299	74,910	84,584	176,846	199,037	229,168	256,195	276,771	313,555
Plus: Adjustment for residence	−41,115	−46,782	−50,991	−56,260	−63,383	−67,292	−194,468	−203,491	−223,586	−272,808	−316,724	−331,228
Equals: Net earnings by place of residence	823,239	907,641	978,065	1,075,336	1,187,056	1,266,825	2,744,360	3,095,994	3,357,483	3,701,780	4,016,845	4,333,612
Plus: Dividends, interest, and rent[5]	154,324	184,246	209,440	229,246	255,174	283,805	682,146	740,848	793,150	843,209	906,881	991,185
Plus: Transfer payments	274,038	284,507	324,138	346,579	375,357	406,313	520,428	529,682	556,850	595,759	617,672	676,550
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	800,536	881,515	945,214	1,033,491	1,144,282	1,217,970	2,613,788	2,917,471	3,204,767	3,553,987	3,873,803	4,198,155
Other labor income	47,686	53,566	57,105	63,331	71,683	80,625	306,425	324,166	336,008	376,509	413,103	443,005
Proprietors' income[6]	64,127	73,266	86,837	102,073	109,384	120,106	195,461	256,885	269,462	300,287	323,434	337,235
Farm	−95	373	215	239	275	922	−10,909	19,989	17,180	23,931	20,594	12,258
Nonfarm	64,222	72,893	86,622	101,834	109,109	119,184	206,370	236,896	252,282	276,356	302,840	324,977
Earnings by industry:												
Farm	410	871	700	709	758	1,397	−4,508	26,325	23,249	29,767	26,511	17,973
Nonfarm	911,939	1,007,476	1,088,456	1,198,186	1,324,591	1,417,304	3,120,182	3,472,197	3,786,988	4,201,016	4,583,829	4,960,422
Private	461,184	532,220	595,663	671,564	739,739	791,877	2,833,904	3,168,544	3,460,649	3,851,127	4,211,768	4,560,167
Agricultural services, forestry, fisheries, and other[7]	4,333	3,446	8,409	12,093	10,894	11,316	10,561	10,870	11,231	12,368	16,957	18,813
Agricultural services	2,057	2,456	3,117	3,285	4,351	3,862	10,453	10,809	11,163	12,278	16,879	18,731
Forestry, fisheries, and other[7]	2,276	990	5,292	8,808	6,543	7,454	108	61	68	90	78	82
Mining	1,120	1,143	1,885	601	574	553	8,646	9,102	12,303	7,100	8,227	8,284
Coal mining	0	0	0	0	0	0	79	97	99	108	53	54
Oil and gas extraction	1,120	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,898	2,739*
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,270	5,371*
Construction	60,664	78,202	74,208	72,665	70,348	73,281	147,636	178,680	216,393	268,133	289,261	304,253
Manufacturing	55,081	71,131	79,797	96,243	106,689	120,891	1,114,056	1,248,350	1,336,300	1,470,101	1,623,019	1,759,745
Nondurable goods	9,876	10,747	12,368	13,502	14,878	15,664	258,621	297,404	305,546	306,093	313,427	334,666
Food and kindred products	69	88	100	124	(D)	(D)	82,210*	88,162*	89,463*	72,340*	65,759*	70,443*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Apparel and other textile products	5,179	5,424	5,958	6,641	7,430	7,744	(D)	2,563	2,424*	(D)	(D)	(D)
Paper and allied products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	24,325*	27,787*
Printing and publishing	2,504	2,926	3,699	4,067	4,088	4,487	(D)	(D)	(D)	41,553*	(D)	(D)
Chemicals and allied products	0	0	0	0	0	(D)	5,004*	5,533*	5,787*	5,774*	5,742*	5,842*
Petroleum and coal products	1,523	1,739	2,030	2,061	2,368	2,405	9,027	10,564	10,864	6,168	1,264	914
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	772	817	102,274*	129,652*	127,468*	147,462	156,182	161,951
Leather and leather products	0	0	0	0	0	0	(D)	399	306	(D)	(D)	(D)
Durable goods	45,205	60,384	67,429	82,741	91,811	105,227	855,435	950,946	1,030,754	1,164,008	1,309,592	1,425,079
Lumber and wood products	4,615	5,237	6,009	6,144	6,304	6,931	9,923	12,531	14,329	17,451	20,131	21,411
Furniture and fixtures	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,761*	5,478*
Primary metal industries	0	0	0	0	0	0	108,041*	121,981*	124,850*	125,692*	148,909	165,508
Fabricated metal products	(D)	(D)	6,079	(D)	11,978	8,030	69,882	87,105	94,859	99,390	110,513	116,678
Machinery, except electrical	2,519	2,973	2,994	3,119	7,230	11,171	124,423	155,850	156,024	160,636	170,712	194,334
Electric and electronic equipment	17,520	25,329	32,792	42,304	40,847	(D)	255,514	292,824	350,639	367,132*	377,398*	380,641*
Transportation equip. excl. motor vehicles	10,463	(D)	9,241	11,146	(D)	42,834	(D)	4,921	4,100	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	(D)	0	0	221,511*	200,945*	203,966*	294,181	381,748	432,455
Stone, clay, and glass products	1,287	1,588	1,654	1,825	1,856	1,873	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	8,842	(D)	(D)	10,835*	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	1,383	(D)	(D)	(D)	(D)	10,878*	14,554*	15,230*	16,538*	19,649*	24,289*
Transportation and public utilities	31,452	33,445	37,248	41,639	46,658	50,429	260,349	296,393	317,548	342,948	369,986	406,217
Railroad transportation	1,095	1,282	1,515	1,403	1,342	1,218	(D)	(D)	(D)	(D)	13,703*	17,513
Trucking and warehousing	9,802	11,379	11,298	11,664	12,098	12,919	99,453	121,195	128,515	135,090	151,981	168,968
Water transportation	559	608	633	532	511	738	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	2,791	2,801	3,204	3,528	5,127	6,414	6,782*	16,650*	21,072	28,840	33,235	38,974
Communication	12,448	12,258	14,373	17,107	18,289	18,877	(D)	(D)	(D)	(D)	104,094*	113,305
Electric, gas, and sanitary services	4,757	5,117	6,225	7,405	9,291	10,263	46,642*	46,721*	52,221	59,713	64,623	67,457
Wholesale trade	12,896	15,140	16,596	16,875	19,693	23,447	213,668	250,414	272,778	298,895	314,941	339,069
Retail trade	100,099	112,195	123,592	135,831	144,562	155,695	309,405	328,818	352,369	384,950	421,962	451,325
Finance, insurance, and real estate	32,884	36,826	43,282	52,893	59,917	63,859	213,852	228,398	253,961	297,374	318,965	347,591
Banking and credit agencies	12,706	14,498	17,080	21,360	25,353	25,335	49,318*	56,320	62,148	69,172*	75,292*	76,430*
Other finance, insurance, and real estate[9]	20,178	22,328	26,202	31,533	34,564	38,524	160,771*	172,078	191,813	222,509*	237,352*	264,224*
Services	162,655	180,692	210,646	242,724	280,404	292,406	555,731	617,519	687,766	769,258	848,450	924,870
Hotels and other lodging places	14,631	14,504	14,032	13,490	15,397	12,792	9,031*	9,845*	12,364*	14,242*	13,861*	12,081*
Personal services	6,534	7,764	10,223	11,489	11,871	13,133	33,949	36,841	43,532	49,142	50,346	54,060
Private households	3,513	3,984	4,103	4,191	4,321	4,465	4,786	5,315	5,313	5,283	5,318	5,379
Business services	18,844	22,807	28,946	36,815	44,396	55,882	78,221	94,747	111,205	132,875	152,123	174,532
Auto repair, services, and garages	7,630	9,134	11,546	12,423	12,545	12,530	36,983	39,472	39,347	42,986	47,010	50,192
Miscellaneous repair services	2,795	3,612	3,866	5,146	5,924	6,255	8,462	10,160	11,740	13,609	13,576	15,467
Amusement and recreation services	3,434	3,760	4,636	5,396	6,474	5,715	10,015	10,707	11,947	13,154	13,946	15,073
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,083	1,294*	1,858	2,106*	2,261*	2,727*
Health services	40,388	43,771	51,775	59,711	72,252	79,933	252,514	269,118	299,281	326,611	364,803	392,089
Legal services	6,173	7,792	9,093	10,202	11,213	11,610	33,932	40,161	40,907	45,064	47,966	53,354
Educational services	900	1,053	1,075	996	1,161	1,268	18,925	20,577	22,135	22,603*	24,830	26,035*
Social services	3,591	4,406	4,530	5,423	6,560	7,439	14,151*	15,844*	16,924*	18,634*	22,360*	25,924
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,370	8,352	9,232	9,888	11,046	11,913	23,419	24,095	24,700	26,237	27,596	30,026
Miscellaneous services	47,529	49,217	57,089	66,996	76,662	68,772	29,025	37,885	44,988	53,559	59,980	65,397
Government and government enterprises	450,755	475,256	492,793	526,622	584,852	625,427	286,278	303,653	326,339	349,889	372,061	400,255
Federal, civilian	129,437	133,055	132,929	135,562	148,440	160,283	50,470	52,139	54,876	55,867	59,697	64,121
Military	251,418	266,019	275,600	296,016	330,708	348,593	8,997	8,344	9,671	11,264	11,918	12,328
State and local	69,900	76,182	84,264	95,044	105,704	116,551	226,811	243,170	261,792	282,758	300,446	323,806

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Fort Worth—Arlington, TX (PMSA)						Fresno, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**14,498,792**	**16,322,323**	**18,174,084**	**19,280,993**	**20,231,074**	**21,365,712**	**6,250,644**	**6,813,421**	**7,428,591**	**7,920,984**	**8,581,825**	**9,229,557**
Nonfarm personal income	14,456,173	16,293,483	18,143,416	19,247,101	20,200,981	21,334,122	5,845,262	6,341,628	6,782,875	7,237,861	7,894,313	8,514,131
Farm income[1]	42,619	28,840	30,668	33,892	30,093	31,590	405,382	471,793	645,716	683,123	687,512	715,426
Population (thousands)[2]	1,111.4	1,151.3	1,203.6	1,234.6	1,274.3	1,290.9	551.4	565.6	576.0	584.5	598.1	614.8
Per capita personal income (dollars)	**13,045**	**14,177**	**15,100**	**15,617**	**15,876**	**16,551**	**11,336**	**12,047**	**12,897**	**13,551**	**14,347**	**15,012**
Derivation of total personal income:												
Total earnings by place of work	9,956,668	11,265,336	12,417,021	12,910,687	13,583,953	14,391,641	4,438,925	4,869,152	5,329,771	5,686,444	6,235,077	6,658,511
Less: Personal contributions for social insurance[3]	533,217	606,710	705,977	741,477	775,685	855,238	236,538	259,535	289,620	313,904	348,449	389,761
Plus: Adjustment for residence	1,702,949	1,993,625	2,370,383	2,701,335	2,765,342	2,827,242	−95,260	−89,859	−92,305	−95,651	−112,443	−111,594
Equals: Net earnings by place of residence	11,126,400	12,652,251	14,081,427	14,870,545	15,573,610	16,363,645	4,107,127	4,519,758	4,947,846	5,276,889	5,774,185	6,157,156
Plus: Dividends, interest, and rent[5]	1,884,804	2,133,731	2,407,111	2,567,010	2,677,359	2,893,475	1,002,628	1,077,761	1,127,808	1,169,479	1,252,024	1,376,299
Plus: Transfer payments	1,487,588	1,536,341	1,685,546	1,843,438	1,980,105	2,108,592	1,140,889	1,215,902	1,352,937	1,474,616	1,555,616	1,696,102
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,059,075	9,134,109	10,066,522	10,371,201	10,877,676	11,547,282	3,319,408	3,577,940	3,813,720	4,058,283	4,468,772	4,775,568
Other labor income	898,209	965,639	1,009,721	1,071,371	1,153,276	1,244,247	335,488	353,123	358,516	383,338	426,784	462,553
Proprietors' income[6]	999,384	1,165,588	1,340,778	1,468,115	1,553,001	1,600,112	784,029	938,089	1,157,535	1,244,823	1,339,521	1,420,390
Farm	36,218	22,528	24,515	27,886	23,841	25,418	203,945	278,695	458,981	491,620	488,552	503,689
Nonfarm	963,166	1,143,060	1,316,263	1,440,229	1,529,160	1,574,694	580,084	659,394	698,554	753,203	850,969	916,701
Earnings by industry:												
Farm	42,619	28,840	30,668	33,892	30,093	31,590	405,382	471,793	645,716	683,123	687,512	715,426
Nonfarm	9,914,049	11,236,496	12,386,353	12,876,795	13,553,860	14,360,051	4,033,543	4,397,359	4,684,055	5,003,321	5,547,565	5,943,085
Private	8,709,274	9,929,016	10,936,888	11,324,013	11,917,998	12,606,002	3,270,678	3,580,016	3,768,320	4,013,658	4,480,872	4,786,391
Agricultural services, forestry, fisheries, and other[7]	38,935	41,718	46,901	45,961	51,760	55,305	198,022	203,113	220,283	207,854	256,086	269,822
Agricultural services	(D)	(D)	(D)	(D)	(D)	54,856	196,893	202,329	219,109	206,514	254,958	266,821
Forestry, fisheries, and other[7]	1,781*	1,712*	1,746*	(D)	(D)	449	1,129	784	1,174	1,340	1,128	3,001
Mining	214,096	223,032	227,452	195,469	185,391	180,279	32,708	37,690	36,285	23,415	21,931	24,363
Coal mining	187	249	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	205,036*	213,514*	214,475*	184,398*	174,301*	173,785*	30,592	35,647	34,271	21,358	19,773	22,659
Metal mining	(L)	(L)	(L)	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	343
Nonmetallic minerals, except fuels	6,241*	7,136*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,353
Construction	795,092	955,152	1,101,352	1,049,332	993,516	926,561	326,299	377,317	404,904	431,965	487,916	518,105
Manufacturing	2,567,701	2,877,135	3,206,568	3,291,479	3,554,421	3,835,250	456,007	492,571	486,699	493,077	544,213	593,710
Nondurable goods	618,905	682,639	712,121	749,661	772,597	848,213	244,629	259,020	249,827	255,663	298,744	321,735
Food and kindred products	170,404*	180,944*	178,280*	187,627*	190,921*	195,531*	160,449	167,183	162,374	166,397	202,603	216,264
Textile mill products	5,679*	5,560*	5,508*	5,588*	4,304*	1,544*	(D)	1,138	1,105	1,201	(D)	(D)
Apparel and other textile products	32,111*	34,507*	34,490*	(D)	(D)	(D)	7,616	8,522	(D)	(D)	(D)	7,106
Paper and allied products	52,498*	59,303*	57,905*	57,531*	59,618*	65,510*	7,231	8,069	10,635	10,928	12,633	15,171
Printing and publishing	120,970	137,414	147,093	156,774	163,058	190,602	41,544	45,280	36,754	40,634	44,648	46,508
Chemicals and allied products	57,627*	(D)	(D)	106,240*	113,735*	137,855*	19,918	22,201	21,551	17,761	17,096	18,403
Petroleum and coal products	24,903*	22,215*	23,276	24,163	22,047	25,508	1,139	951	1,879	1,517	1,657	1,828
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	118,113	139,537	139,132*	148,595	153,460	160,377	5,316	5,550	6,549	8,110	9,750	15,031
Leather and leather products	22,882*	19,489*	20,538*	18,820*	18,823*	21,952*	(D)	126	(D)	(D)	(D)	(D)
Durable goods	1,948,796	2,194,496	2,494,447	2,541,818	2,781,824	2,987,037	211,378	233,551	236,872	237,414	245,469	271,975
Lumber and wood products	70,225	79,183*	83,954*	73,457	61,614	55,817	24,759	23,273	22,672	19,620	20,236	23,317
Furniture and fixtures	32,023	37,406	35,088	36,740*	33,857*	32,009*	6,669	7,692	7,757	6,571	5,155	5,628
Primary metal industries	38,170*	40,275*	37,589*	34,771*	32,292*	40,915*	8,085	10,117	8,753	8,225	10,309	12,390
Fabricated metal products	160,704*	172,184*	194,225*	172,295*	(D)	(D)	33,023	34,531	38,638	39,811	41,709	43,753
Machinery, except electrical	317,279	376,120	482,675	467,758	466,412	430,875	67,424	73,870	74,907	73,633	68,299	75,861
Electric and electronic equipment	69,687*	109,228	139,874	147,258	169,763	195,722	4,434	4,527	4,945	4,998	4,190	10,632
Transportation equip. excl. motor vehicles	843,052*	894,576*	1,025,743*	1,200,285*	(D)	(D)	3,017	3,646	3,706	3,591	4,456	4,165
Motor vehicles and equipment	232,355*	268,744*	275,052*	184,617*	170,932*	256,418*	17,994	26,169	27,310	28,253	31,669	33,608
Stone, clay, and glass products	75,696	90,194	100,202	96,916	80,978	75,005	34,687	36,921	33,904	36,175	38,782	40,319
Instruments and related products	41,779*	48,023*	41,833*	47,369*	52,429*	49,093*	2,763	3,287	4,633	4,579	6,475	7,701
Miscellaneous manufacturing industries	52,420	68,813	75,410	68,981	62,673	57,917*	8,523	9,518	9,647	11,958	14,189	14,601
Transportation and public utilities	736,524	847,800	904,525	924,528	1,021,343	1,113,627	321,234	339,275	333,417	362,152	394,417	433,828
Railroad transportation	(D)	134,725	140,610	139,153	144,370	127,182	25,503	29,201	29,678	27,337	25,810	23,432
Trucking and warehousing	138,707	160,201	167,630	178,192	186,312	203,402	109,952	121,010	114,675	123,134	131,151	143,990
Water transportation	412	406	456	265	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	210,723	270,823*	311,255	314,889	(D)	497,172*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	167,019*	170,063	166,003	173,179	172,186	89,891	86,496	82,815	82,481	97,320	107,948
Electric, gas, and sanitary services	101,108*	111,392	114,511	126,026	117,236	111,407	74,132	79,828	83,014	95,106	99,159	104,219
Wholesale trade	697,626	773,512	845,619	898,471	967,683	1,027,998	301,266	327,892	346,831	365,655	411,117	417,003
Retail trade	1,277,848	1,419,307	1,494,542	1,535,717	1,551,542	1,595,005	497,914	528,638	545,318	586,399	634,943	706,261
Finance, insurance, and real estate	530,061	629,245	697,128	764,960	776,540	786,033	252,513	280,026	302,138	342,865	365,122	334,682
Banking and credit agencies	197,505*	225,231*	251,840	275,498	271,547	260,939*	99,546	110,169	119,121	134,153	139,741	108,456
Other finance, insurance, and real estate[9]	325,446*	395,308*	445,288	489,462	504,993	514,492*	152,967	169,857	183,017	208,712	225,381	226,226
Services	1,851,391	2,162,115	2,412,801	2,618,096	2,815,802	3,085,944	884,715	993,494	1,092,445	1,200,276	1,365,127	1,488,617
Hotels and other lodging places	59,720*	66,347	75,337	79,708	68,210	86,603	19,449	20,731	21,056	19,688	22,782	23,140
Personal services	128,924	143,269	182,511	188,702	202,421	224,117	51,619	54,761	65,415	70,177	75,694	81,816
Private households	41,863	47,131	48,010	48,590	48,957	49,454	15,439	17,410	17,793	18,109	18,574	19,136
Business services	348,134	441,495	504,186	547,158	570,120	617,514	136,438	160,710	185,601	206,080	229,699	242,397
Auto repair, services, and garages	100,040	119,473	130,873	139,034	138,909	146,619	65,300	75,068	84,821	87,975	92,207	99,643
Miscellaneous repair services	34,740	40,870	40,693	46,558	45,756	51,736	29,811	36,886	34,544	35,993	45,389	56,419
Amusement and recreation services	56,880	71,688	82,269	98,275	110,676	110,741	13,279	14,204	16,596	18,575	19,034	21,497
Motion pictures	4,251*	5,567	5,971	6,500	6,970	6,656	(D)	2,884	3,066	2,825	2,096	2,970
Health services	625,396	676,543	728,500	775,838	913,619	1,023,756	338,906	364,174	400,082	448,394	530,635	573,748
Legal services	99,462	122,211	149,083	170,034	191,184	219,037	57,553	66,156	76,106	86,178	99,284	111,860
Educational services	58,772*	72,713	77,013	81,739	78,393	86,722	12,684	14,163	14,901	16,431	19,106	24,229
Social services	32,838	38,577	44,558	49,808	53,107	58,118	24,947	29,049	30,256	33,176	38,600	40,872
Museums, botanical, zoological gardens	4,465	5,107	5,780	6,343	6,780	7,095	(D)	376	430	521	579	594
Membership organizations	73,819	79,217	87,055	94,571	102,504	111,119	42,872	48,182	51,153	53,512	55,609	60,412
Miscellaneous services	179,090	231,907	250,962	285,238	278,196	286,657	73,897	88,740	90,625	102,642	115,839	129,884
Government and government enterprises	1,204,775	1,307,480	1,449,465	1,552,782	1,635,862	1,754,049	762,865	817,343	915,735	989,663	1,066,693	1,156,694
Federal, civilian	317,888	341,394	378,185	376,831	397,263	427,837	162,744	175,076	201,433	208,133	224,285	252,681
Military	114,239	119,761	124,863	136,105	143,278	143,981	9,812	11,163	13,195	14,529	15,273	15,787
State and local	772,648	846,325	946,417	1,039,846	1,095,321	1,182,231	590,309	631,104	701,107	767,001	827,135	888,226

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Gadsden, AL (MSA)						Gainesville, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**924,919**	**1,000,844**	**1,038,972**	**1,083,638**	**1,161,811**	**1,230,050**	**1,743,505**	**1,943,109**	**2,143,263**	**2,300,992**	**2,509,547**	**2,726,570**
Nonfarm personal income	917,558	993,532	1,032,578	1,075,116	1,155,704	1,221,539	1,725,973	1,918,404	2,122,469	2,274,809	2,485,569	2,702,179
Farm income[1]	7,361	7,312	6,394	8,522	6,107	8,511	17,532	24,705	20,794	26,183	23,978	24,391
Population (thousands)[2]	102.3	103.1	102.2	102.8	102.6	102.9	187.8	192.3	197.6	200.9	204.9	207.6
Per capita personal income (dollars)	**9,044**	**9,710**	**10,171**	**10,540**	**11,323**	**11,956**	**9,285**	**10,103**	**10,848**	**11,453**	**12,250**	**13,133**
Derivation of total personal income:												
Total earnings by place of work	650,931	711,657	728,015	747,322	820,735	870,414	1,302,243	1,469,996	1,627,092	1,741,617	1,885,951	2,048,712
Less: Personal contributions for social insurance[3]	40,218	44,745	48,166	46,942	51,734	57,699	53,786	60,876	70,012	76,138	82,150	93,663
Plus: Adjustment for residence	5,152	3,445	8,157	7,164	6,690	9,561	−35,296	−45,618	−55,433	−62,878	−65,387	−80,373
Equals: Net earnings by place of residence	615,865	670,357	688,006	707,544	775,691	822,276	1,213,161	1,363,502	1,501,647	1,602,601	1,738,414	1,874,676
Plus: Dividends, interest, and rent[5]	117,719	131,202	141,076	150,872	153,626	166,406	245,320	275,960	303,248	333,333	372,624	414,492
Plus: Transfer payments	191,335	199,285	209,890	225,222	232,494	241,368	285,024	303,647	338,368	365,058	398,509	437,402
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	528,262	578,280	596,071	604,194	664,991	703,677	1,097,643	1,234,002	1,373,149	1,454,029	1,575,592	1,711,700
Other labor income	66,099	69,282	68,326	69,646	78,044	83,345	93,685	102,398	109,124	118,292	129,146	141,206
Proprietors' income[6]	56,570	64,095	63,618	73,482	77,700	83,392	110,915	133,596	144,819	169,296	181,213	195,806
Farm	6,657	6,622	5,707	7,842	5,395	7,798	13,405	20,642	16,822	22,294	19,953	20,401
Nonfarm	49,913	57,473	57,911	65,640	72,305	75,594	97,510	112,954	127,997	147,002	161,260	175,405
Earnings by industry:												
Farm	7,361	7,312	6,394	8,522	6,107	8,511	17,532	24,705	20,794	26,183	23,978	24,391
Nonfarm	643,570	704,345	721,621	738,800	814,628	861,903	1,284,711	1,445,291	1,606,298	1,715,434	1,861,973	2,024,321
Private	570,734	627,629	635,486	645,582	717,612	761,739	793,651	890,406	974,229	1,053,753	1,148,995	1,256,123
Agricultural services, forestry, fisheries, and other[7]	1,839	1,808	1,936	2,071	2,565	2,418	5,328	6,033	6,955	6,886	8,401	10,963
Agricultural services	1,631	1,636	1,840	2,083	2,546	2,407	4,052	4,746	(D)	6,209	7,676	10,197
Forestry, fisheries, and other[7]	208	172	96	(L)	(L)	(L)	1,276	1,287	(D)	677	725	766
Mining	1,576	1,607	2,040	1,365	445	971	(D)	(D)	(D)	(D)	2,172	2,304
Coal mining	190	170	182	238	120	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	259	286	(D)	(D)	(D)	(D)	936	1,003
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	66	(D)	(D)	(D)	1,076	1,111	1,235	1,300
Construction	26,498	31,805	32,615	36,282	40,360	42,567	83,093	97,633	101,037	109,248	103,179	111,915
Manufacturing	284,347	314,508	308,834	293,910	329,489	346,690	96,492	113,028	113,253	117,762	128,093	134,713
Nondurable goods	(D)	(D)	185,691	173,947	196,567	194,697	19,901	22,021	23,780	26,567	29,811	32,137
Food and kindred products	(D)	19,254	(D)	(D)	24,071	26,451	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	0	(D)	0	0	0	0	0	0	0
Apparel and other textile products	13,281	14,338	14,927	14,211	13,749	(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	2,394	2,382	2,515	2,795	3,085	3,222	8,067*	8,777*	9,735*	11,082*	12,002*	13,481*
Chemicals and allied products	0	0	0	0	(D)	(D)	2,721	2,924	3,136	3,635	(D)	5,296
Petroleum and coal products	309	394	513	597	677	574	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)	(D)	123,143	119,963	132,922	151,993	76,591	91,007	89,473	91,195	98,282	102,576
Lumber and wood products	1,289	1,691	1,923	2,951	3,430	4,241	5,617	6,901	7,133	6,571	6,487	6,948
Furniture and fixtures	1,324	1,225	877	733	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	0	0
Fabricated metal products	9,733	16,013	17,998	23,857	25,606	24,078	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	9,851	10,531	10,001	9,926	10,748	13,288	6,985*	9,029*	8,599*	8,507*	13,638*	14,165*
Electric and electronic equipment	6,965	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	10,550	11,589*	12,047*	12,455*	(D)	11,342*
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Stone, clay, and glass products	4,384	4,731	5,571	6,767	6,315	7,342	1,851*	2,014*	2,133*	2,133*	2,362*	2,691*
Instruments and related products	(D)	(D)	(D)	(D)	0	0	896	895	1,091	1,086	1,092	1,315
Miscellaneous manufacturing industries	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	46,996	49,573	49,517	51,786	55,392	56,115	45,251	47,888	52,270	52,614	57,345	59,561
Railroad transportation	5,415	5,735	5,572	4,892	4,209	4,917	4,285	4,171	3,829	3,187	2,634	2,483
Trucking and warehousing	21,611	24,529	24,302	26,397	29,096	28,910	6,718	8,224	8,904	9,091	12,759	14,876
Water transportation	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	0
Other transportation[8]	(D)	(D)	(D)	1,095	1,174	1,263	(D)	(D)	(D)	(D)	(D)	4,111
Communication	10,796	9,778	9,142	9,347	10,339	10,262	25,970	26,014*	28,397	26,957	29,447	29,206
Electric, gas, and sanitary services	8,413	8,770	9,739	10,055	10,574	10,763	4,990	5,463	7,340	9,476	8,645	8,885
Wholesale trade	17,074	19,869	22,175	23,229	26,435	29,586	39,287	43,954	49,815	49,148	47,807	54,519
Retail trade	62,794	68,522	70,600	72,717	76,602	80,171	155,718	168,168	179,444	193,280	210,073	222,856
Finance, insurance, and real estate	21,923	23,716	24,924	27,134	28,665	29,379	54,263	54,688	71,037	80,278	84,451	91,473
Banking and credit agencies	9,847	10,223	10,496	11,296	11,767	11,994	17,352*	18,345*	19,367*	21,652*	23,801*	24,758*
Other finance, insurance, and real estate[9]	12,076	13,493	14,428	15,838	16,898	17,385	35,139*	34,591*	49,706*	56,479*	58,215*	63,704*
Services	107,687	116,221	122,845	137,088	157,659	173,842	300,522*	343,413*	381,859*	426,467*	507,474	567,819
Hotels and other lodging places	1,360	1,433	1,532	1,367	2,083	2,455	6,688*	8,694	9,641	10,596	11,516	11,835
Personal services	4,062	4,372	5,169	5,725	6,884	7,686	9,501	11,077	14,236	14,816	16,749	18,231
Private households	4,995	5,577	5,614	5,612	5,664	5,727	6,407	7,267	7,479	7,641	7,880	8,143
Business services	5,492	6,437	6,531	8,486	10,056	11,316	31,274	36,126	42,516	51,541	57,624	64,905
Auto repair, services, and garages	4,246	5,033	5,490	5,795	6,193	6,615	10,078	11,312	13,609	15,313	16,704	18,910
Miscellaneous repair services	1,042	1,151	1,224	1,426	1,552	1,799	4,451	5,330	5,159	4,813	5,249	5,691
Amusement and recreation services	850	836	980	1,094	(D)	(D)	3,738	3,755*	4,766	11,684	11,203	11,288
Motion pictures	282	237	229	206	(D)	(D)	829*	944*	1,006*	1,234*	1,249*	1,023*
Health services	58,218	60,684	65,245	71,038	82,436	92,268	147,848	166,314	180,718	191,093	225,929	252,756
Legal services	4,891	5,620	6,413	6,758	8,172	9,119	15,877	19,400	22,235	23,089	27,268	31,032
Educational services	1,535	1,510	1,559	1,492	1,659	1,760	3,962	4,430	4,538	4,710	5,371*	6,021*
Social services	1,346	1,596	2,072	2,083	2,267	2,582	7,466	8,865	9,700	11,554	14,361	15,982
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	5,050	5,227	5,142	5,601	5,637	5,991	17,951	17,432	17,215	13,891	15,198	16,742
Miscellaneous services	14,318	16,508	15,645	20,405	23,483	24,574	43,632	53,741	61,942	79,110	91,104	105,183
Government and government enterprises	72,836	76,716	86,135	93,218	97,016	100,164	491,060	554,885	632,069	661,681	712,978	768,198
Federal, civilian	8,419	8,547	9,103	9,296	9,708	10,696	63,469	68,776	73,046	77,705	82,819	94,937
Military	4,452	4,713	5,363	5,899	6,660	6,942	5,108	5,722	6,281	6,213	6,800	7,076
State and local	59,965	63,456	71,669	78,023	80,648	82,526	422,483	480,387	552,742	577,763	623,359	666,185

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Galveston—Texas City, TX (PMSA)						Gary—Hammond, IN (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,662,673**	**2,842,683**	**2,957,794**	**2,994,686**	**3,064,288**	**3,269,622**	**6,888,144**	**7,264,347**	**7,507,240**	**7,736,414**	**8,187,271**	**8,817,424**
Nonfarm personal income	2,661,775	2,841,853	2,956,090	2,993,410	3,063,524	3,268,729	6,879,269	7,237,875	7,485,959	7,715,488	8,162,787	8,806,839
Farm income[1]	898	830	1,704	1,276	764	893	8,875	26,472	21,281	20,926	24,484	10,585
Population (thousands)[2]	212.8	212.9	213.8	212.0	209.3	210.0	630.9	626.7	619.8	612.0	609.3	612.2
Per capita personal income (dollars)	**12,511**	**13,353**	**13,833**	**14,126**	**14,644**	**15,572**	**10,918**	**11,592**	**12,113**	**12,642**	**13,437**	**14,403**
Derivation of total personal income:												
Total earnings by place of work	1,592,179	1,691,893	1,712,947	1,752,472	1,800,086	1,898,823	5,244,899	5,345,508	5,464,743	5,378,134	5,750,596	6,313,764
Less: Personal contributions for social insurance[3]	83,020	87,890	93,753	97,711	100,684	110,843	287,905	296,242	320,701	319,273	339,194	391,966
Plus: Adjustment for residence	525,498	541,303	576,495	537,233	522,220	589,406	−63,400	80,625	137,781	334,245	341,752	294,383
Equals: Net earnings by place of residence	2,034,657	2,145,306	2,195,689	2,191,994	2,221,622	2,377,386	4,893,594	5,129,891	5,281,823	5,393,106	5,753,154	6,216,181
Plus: Dividends, interest, and rent[5]	311,074	370,665	408,112	414,625	430,971	463,950	951,660	1,028,210	1,080,107	1,107,409	1,155,133	1,261,771
Plus: Transfer payments	316,942	326,712	353,993	388,067	411,695	428,286	1,042,890	1,106,246	1,145,310	1,235,899	1,278,984	1,339,472
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,301,348	1,388,006	1,395,943	1,411,203	1,455,526	1,538,548	4,312,763	4,382,126	4,505,256	4,412,412	4,723,653	5,220,473
Other labor income	171,405	171,673	165,327	172,117	175,287	185,345	634,957	606,246	582,835	564,235	592,094	641,959
Proprietors' income[6]	119,426	132,214	151,677	169,152	169,273	174,930	297,179	357,136	376,652	401,487	434,849	451,332
Farm	504	439	1,337	933	431	582	5,119	22,773	17,654	17,371	20,798	6,948
Nonfarm	118,922	131,775	150,340	168,219	168,842	174,348	292,060	334,363	358,998	384,116	414,051	444,384
Earnings by industry:												
Farm	898	830	1,704	1,276	764	893	8,875	26,472	21,281	20,926	24,484	10,585
Nonfarm	1,591,281	1,691,063	1,711,243	1,751,196	1,799,322	1,897,930	5,236,024	5,319,036	5,443,462	5,357,208	5,726,112	6,303,179
Private	1,215,178	1,276,210	1,281,436	1,302,955	1,320,908	1,398,558	4,739,679	4,800,044	4,885,533	4,786,860	5,111,428	5,632,194
Agricultural services, forestry, fisheries, and other[7]	5,922	4,351	6,078	7,163	6,906	7,921	10,434	10,371	11,633	11,208	14,498	17,072
Agricultural services	3,380	3,555	3,259	2,805	3,936	4,678	10,035	10,197	11,229	10,580	14,075	16,582
Forestry, fisheries, and other[7]	2,542	796	2,819	4,358	2,970	3,243	399	174	404	628	423	490
Mining	26,505	32,639	28,160	21,386	18,420	19,086	7,805	8,037	11,141	4,682	4,397	5,439
Coal mining	0	0	0	0	0	0	(L)	55	56	61	(L)	(D)
Oil and gas extraction	23,691	(D)	(D)	(D)	(D)	(D)	6,464	(D)	(D)	(D)	(D)	2,968
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,814	(D)	(D)	(D)	(D)	(D)	1,297	(D)	(D)	(D)	1,206*	1,276*
Construction	130,776	128,267	101,318	128,302	148,646	169,055	358,019	353,993	434,329	382,327	421,487	524,745
Manufacturing	399,518	410,273	429,574	423,594	399,574	424,379	2,386,478	2,335,101	2,239,755	2,065,032	2,113,692	2,314,199
Nondurable goods	344,554	357,663	365,639	369,116	357,534	380,786	318,095	331,709	341,124	333,855	339,334	352,916
Food and kindred products	11,795	11,718	11,591	(D)	(D)	8,375	49,753	52,284	57,376	55,299	51,078*	54,796*
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	156	211	14,497*	15,839*	15,166	12,905	12,767	13,124
Paper and allied products	0	0	0	0	0	0	18,515	20,372	18,120	19,222	19,143	17,863
Printing and publishing	6,548	7,062	7,123	6,831	6,899	6,851	28,107	29,621	31,515	33,012	34,174	35,592
Chemicals and allied products	168,779	174,238	178,363	178,079	175,262	201,732	73,394	70,422*	71,211*	73,679*	77,943	79,116
Petroleum and coal products	155,985	162,600	164,692	168,951	162,294	161,926	120,412*	123,062*	125,932*	117,958*	118,468*	123,642*
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	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	54,964	52,610	63,935	54,478	42,040	43,593	2,068,383	2,003,392	1,898,631	1,731,177	1,774,358	1,961,283
Lumber and wood products	1,412	1,383	1,187	434	319	(D)	(D)	1,248*	(D)	(D)	(D)	(D)
Furniture and fixtures	0	0	0	(D)	0	0	971	915	1,503	1,478	1,762*	1,823
Primary metal industries	(D)	5,714	(D)	(D)	(D)	(D)	1,825,852	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	11,250	10,182	10,299	8,372	7,407	8,148	62,988	70,199	73,769	69,042	78,004	88,726
Machinery, except electrical	3,983	5,849	7,100	7,116	5,976	8,131	79,246	91,268	91,341	82,928	81,257	91,585
Electric and electronic equipment	(D)	1,682	2,032	(D)	(D)	(D)	(D)	(D)	11,824	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	15,047*	19,252*	(D)	12,923*	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	9,110	6,828	5,945	4,676	4,325	3,478	37,716	42,226	42,077	42,331	48,505	54,010
Instruments and related products	(D)	(D)	1,304	764	1,207	1,632	4,232*	4,533*	4,519*	4,415*	(D)	(D)
Miscellaneous manufacturing industries	954	1,454	1,511	420	531	534	5,941*	9,013*	8,108	8,072*	8,523*	10,276
Transportation and public utilities	128,809	139,301	139,835	127,505	127,592	134,120	387,316	399,897	424,363	442,679	476,022	500,136
Railroad transportation	6,170	8,140	9,407	7,789	6,603	6,607	41,758	45,319	43,503	42,796	41,692	42,816
Trucking and warehousing	20,135	22,108	19,606	15,839	18,129	19,843	88,228	103,498	119,860	138,035	164,370	194,430
Water transportation	35,766	39,991	33,980	29,753	27,405	28,875	(D)	2,744	2,864*	1,939	1,257	1,220
Other transportation[8]	16,117	17,246	18,534	16,644	18,431	22,548	(D)	(D)	(D)	(D)	(D)	(D)
Communication	36,526	32,352	33,307	30,388	30,993	29,574	(D)	(D)	(D)	(D)	(D)	42,262
Electric, gas, and sanitary services	14,095	19,464	25,001	27,092	26,031	26,673	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	36,447	37,365	38,075	36,859	37,472	38,505	163,879	183,290	189,719	202,469	219,900	254,044
Retail trade	158,578	166,901	170,646	169,340	168,200	171,377	452,197	465,816	470,711	486,432	509,074	545,803
Finance, insurance, and real estate	87,409	94,696	94,759	97,799	99,102	104,559	154,120	151,153	143,862	153,374	167,330	178,841
Banking and credit agencies	28,876	32,539	31,912	30,933	29,265	29,837	70,832	74,264	76,084	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	58,533	62,157	62,847	66,866	69,837	74,722	83,288	76,889	67,778	(D)	(D)	(D)
Services	241,214	262,417	272,991	291,007	314,996	329,556	819,431	892,386	960,020	1,038,657	1,185,028	1,291,915
Hotels and other lodging places	12,745	14,739	16,027	19,358	20,311	20,770	(D)	(D)	(D)	(D)	(D)	14,672
Personal services	15,457	16,417	19,376	21,070	22,007	24,040	39,019	(D)	(D)	(D)	(D)	(D)
Private households	9,046	10,193	10,386	10,510	10,588	10,694	5,519	6,118	6,122	6,086	6,129	(D)
Business services	42,447	45,222	45,425	42,718	47,532	44,782	78,889	97,344	121,240	137,751	178,142	211,183
Auto repair, services, and garages	8,998	10,669	11,353	11,793	12,174	13,420	35,631	41,682	47,699	52,724	55,822	63,404
Miscellaneous repair services	9,209	10,785	9,304	9,785	9,321	9,147	20,640	24,310	24,949	29,855	30,997	35,008
Amusement and recreation services	3,632	4,130	5,279	6,299	5,889	5,941	11,645	12,515	13,832	14,917	15,955	17,716
Motion pictures	(D)	(D)	(D)	(D)	(D)	739	(D)	1,878	1,808	2,040	1,959	1,941
Health services	88,334	92,060	98,097	100,569	110,335	114,918	451,992	474,169	482,308	513,511	586,538	614,832
Legal services	15,439	17,563	17,076	21,871	27,071	26,756	43,007	49,459	54,877	59,736	62,884	68,610
Educational services	4,768	5,591	5,925	6,169	6,681	7,165	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,070	4,751	4,907	4,915	5,506	7,137	14,688	16,801	19,544	21,007	23,564	25,880
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	1,200	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	13,503	14,073	14,828	15,339	16,318	18,013	43,064	43,662	43,265	43,535	45,874	48,838
Miscellaneous services	12,471	14,603	13,511	19,124	19,547	24,834	31,518	38,508	46,346	53,287	63,510	76,290
Government and government enterprises	376,103	414,853	429,807	448,241	478,414	499,372	496,345	518,992	557,929	570,348	614,684	670,985
Federal, civilian	25,310	26,362	27,964	27,555	28,440	31,425	48,069	51,636	55,524	56,582	60,565	66,175
Military	10,602	10,642	11,082	11,526	13,483	13,857	15,740	14,491	16,494	19,258	20,303	21,142
State and local	340,191	377,849	390,761	409,160	436,491	454,090	432,536	452,865	485,911	494,508	533,816	583,668

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Glens Falls, NY (MSA)						Grand Forks, ND (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,060,544**	**1,172,685**	**1,254,166**	**1,349,211**	**1,472,892**	**1,601,778**	**712,066**	**752,377**	**790,900**	**832,070**	**883,689**	**901,959**
Nonfarm personal income	1,045,954	1,156,571	1,237,733	1,329,019	1,449,779	1,581,809	689,528	722,601	765,721	797,230	845,306	877,269
Farm income[1]	14,590	16,114	16,433	20,192	23,113	19,969	22,538	29,776	25,179	34,840	38,383	24,690
Population (thousands)[2]	110.2	110.7	111.6	112.4	114.2	116.1	68.3	69.1	69.3	69.7	69.9	70.5
Per capita personal income (dollars)	**9,623**	**10,596**	**11,243**	**12,006**	**12,898**	**13,791**	**10,430**	**10,888**	**11,412**	**11,941**	**12,638**	**12,801**
Derivation of total personal income:												
Total earnings by place of work	732,205	817,366	865,419	953,950	1,054,960	1,161,584	568,041	606,332	632,520	672,371	715,830	725,817
Less: Personal contributions for social insurance[3]	45,258	51,321	56,746	65,020	71,980	83,579	31,614	33,873	37,292	41,855	44,947	49,323
Plus: Adjustment for residence	−47,935	−48,806	−34,271	−48,470	−61,976	−75,749	−30,809	−33,188	−34,266	−39,113	−40,717	−39,534
Equals: Net earnings by place of residence	639,012	717,239	774,402	840,460	921,004	1,002,256	505,618	539,271	560,962	591,403	630,166	636,960
Plus: Dividends, interest, and rent[5]	191,434	214,392	229,272	245,095	274,980	301,619	116,967	118,863	124,032	126,441	129,597	138,262
Plus: Transfer payments	230,098	241,054	250,492	263,656	276,908	297,903	89,481	94,243	105,906	114,226	123,926	126,737
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	593,557	662,934	702,292	773,707	860,664	954,889	475,809	501,920	529,459	555,960	589,781	609,580
Other labor income	60,367	64,265	64,719	70,544	77,130	84,482	32,657	33,557	34,641	36,384	38,992	40,669
Proprietors' income[6]	78,281	90,167	98,408	109,699	117,166	122,213	59,575	70,855	68,420	80,027	87,057	75,568
Farm	7,920	9,588	9,937	13,737	16,304	13,118	17,874	25,217	20,557	30,196	33,402	19,618
Nonfarm	70,361	80,579	88,471	95,962	100,862	109,095	41,701	45,638	47,863	49,831	53,655	55,950
Earnings by industry:												
Farm	14,590	16,114	16,433	20,192	23,113	19,969	22,538	29,776	25,179	34,840	38,383	24,690
Nonfarm	717,615	801,252	848,986	933,758	1,031,847	1,141,615	545,503	576,556	607,341	637,531	677,447	701,127
Private	593,371	667,443	702,132	774,931	859,235	952,874	326,584	344,734	360,448	381,965	412,927	425,189
Agricultural services, forestry, fisheries, and other[7]	3,104	3,070	2,634	2,494	3,692	4,217	1,874	1,813	1,906	2,529	3,862	4,796
Agricultural services	2,483	2,535	2,230	2,297	3,438	3,861	1,838	1,803	1,884	2,542	3,855	4,787
Forestry, fisheries, and other[7]	621	535	404	197	254	356	(L)	(L)	(L)	(L)	(L)	(L)
Mining	5,267	5,519	5,884	4,790	5,273	5,701	1,221	1,390	1,321	1,065	1,974	2,087
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	0	0	0	0
Oil and gas extraction	(D)	(D)	3,195	(D)	(D)	(D)	(D)	(D)	736	(D)	304	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	2,675	(D)	(D)	(D)	558	780	597	(D)	1,659	(D)
Construction	37,700	46,258	52,869	65,222	74,129	79,155	30,277	31,568	35,064	40,942	45,184	37,648
Manufacturing	219,139	247,009	244,187	252,983	273,568	287,105	23,024	23,337	26,937	29,223	31,769	32,649
Nondurable goods	102,996	110,409	114,022	121,026	128,070	133,657	18,843	18,939	21,984	22,898	25,247	24,062
Food and kindred products	3,311*	3,258*	(D)	2,342	2,463	2,614	12,433	11,945	14,208	15,021	17,528	16,152
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)	245	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	4,365	5,050	5,641	6,194	7,272	8,091	4,699	5,196	6,034	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,163	2,515	3,510	2,639	2,796	3,064	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	116,143	136,600	130,165	131,957	145,498	153,448	4,181	4,398	4,953	6,325	6,522	8,587
Lumber and wood products	10,355	12,254	13,461	15,377	18,582	19,921	(D)	661	595	978	945	1,040
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	(D)	1,509*	1,820*	1,985	2,212	(D)	0	0	0	0	(D)	(D)
Machinery, except electrical	17,768	19,030	20,005	20,730	23,799	26,611	647	760	792	886	752	864
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)	0	(D)	0	0	0	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	0	0
Stone, clay, and glass products	(D)	(D)	(D)	13,524	14,591	15,267	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	45,901	47,527	(D)	(D)	0	(D)	(D)	0
Miscellaneous manufacturing industries	878	1,241	(D)	1,373*	1,478*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	38,779	40,634	42,916	42,944	45,502	51,452	45,979	46,264	45,092	47,128	48,330	49,026
Railroad transportation	2,592	2,843	2,769	2,137	2,185	1,034	12,954	13,882	12,238	12,459	13,145	12,368
Trucking and warehousing	(D)	11,795	12,106	12,380	13,240	14,693	9,107	9,640	8,798	8,986	11,003	11,315
Water transportation	938	1,034*	1,287*	1,789*	2,218*	2,717*	0	0	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,115	2,999	(D)	(D)	(D)	(D)
Communication	(D)	13,645	14,267	12,627*	12,927*	15,840	8,214	6,580	6,136	6,903	6,617	6,306
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	12,589	13,163	13,787	14,296	13,497	13,488
Wholesale trade	32,949	36,984	40,092	41,872	47,126	58,352	36,773	38,992	39,960	41,172	45,462	46,907
Retail trade	85,360	94,510	101,673	115,336	126,495	140,491	65,229	69,958	71,121	71,494	75,171	79,274
Finance, insurance, and real estate	31,678	32,462	35,236	44,144	51,273	65,471	17,943	19,447	20,693	22,914	24,979	25,539
Banking and credit agencies	10,201	(D)	(D)	(D)	(D)	(D)	9,409	9,839	10,032	11,192	12,301	12,555
Other finance, insurance, and real estate[9]	21,477	20,932*	22,783*	30,478*	35,425*	48,048*	8,534	9,608	10,661	11,722	12,678	12,984
Services	139,395	160,997	176,641	205,146	232,177	260,930	104,264	111,965	118,354	125,498	136,196	147,263
Hotels and other lodging places	11,252	11,276	11,472	22,774	26,432	30,188	4,664	4,949	4,785	4,636	4,832	5,192
Personal services	5,090	5,559	7,842	9,428	10,337	12,465	5,834	6,288	7,930	8,516	8,710	9,215
Private households	2,905	3,219	3,223	3,211	3,223	3,256	730	811	808	801	792	792
Business services	11,332	14,468	16,730	21,568	24,296	25,581	9,069	9,136	10,834	10,482	11,937	13,916
Auto repair, services, and garages	4,913	5,779	7,208	7,713	8,342	9,715	3,339	3,994	4,559	5,080	5,164	5,456
Miscellaneous repair services	2,982	3,651	3,253	4,022	4,140	5,305	2,022	2,354	1,857	2,165	2,253	2,552
Amusement and recreation services	7,033	8,434	9,053	10,170	12,243	12,292	936	1,050	1,148	1,322	1,335	1,603
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	61,907	71,067	77,083	81,498	94,704	107,657	54,523	58,385	59,761	64,307	71,704	75,377
Legal services	7,957	9,690	10,447	11,724	12,905	14,254	4,239	4,828	5,129	5,619	5,907	6,449
Educational services	2,006	2,281	2,554	2,890	3,131	3,368	(D)	(D)	(D)	(D)	(D)	(D)
Social services	(D)	(D)	(D)	(D)	(D)	(D)	3,310	3,504	3,814	4,132	5,340	6,512
Museums, botanical, zoological gardens	(D)	135	138	180	(D)	(D)	0	0	0	0	0	0
Membership organizations	6,389	6,748	7,061	7,652	8,151	8,763	4,857	4,933	5,235	5,102	5,599	6,176
Miscellaneous services	11,239	14,103	15,365	16,291	17,734	20,824	9,651	10,511	11,156	11,999	11,265	12,586
Government and government enterprises	124,244	133,809	146,854	158,827	172,612	188,741	218,919	231,822	246,893	255,566	264,520	275,938
Federal, civilian	10,914	11,727	12,494	12,347	12,257	12,735	23,770	23,823	26,803	29,072	31,912	32,982
Military	1,325	1,272	1,526	1,673	1,794	1,824	95,762	103,019	106,275	107,063	109,679	114,286
State and local	112,005	120,810	132,834	144,807	158,561	174,182	99,387	104,980	113,815	119,431	122,929	128,670

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Grand Rapids, MI (MSA)						Great Falls, MT (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,231,643**	**8,062,478**	**8,704,951**	**9,406,377**	**10,168,347**	**11,117,780**	**930,504**	**986,505**	**994,285**	**1,037,664**	**1,082,029**	**1,141,282**
Nonfarm personal income	7,197,207	8,012,164	8,645,494	9,344,732	10,099,571	11,061,079	922,360	975,949	991,764	1,023,601	1,069,121	1,130,769
Farm income[1]	34,436	50,314	59,457	61,645	68,776	56,701	8,144	10,556	2,521	14,063	12,908	10,513
Population (thousands)[2]	615.6	624.0	634.3	640.9	652.1	665.2	81.6	81.4	80.8	78.6	78.3	78.2
Per capita personal income (dollars)	**11,748**	**12,921**	**13,725**	**14,678**	**15,594**	**16,713**	**11,408**	**12,118**	**12,308**	**13,200**	**13,819**	**14,597**
Derivation of total personal income:												
Total earnings by place of work	5,787,845	6,572,599	7,150,675	7,648,671	8,269,757	9,161,940	648,942	683,027	675,681	701,165	724,343	766,275
Less: Personal contributions for social insurance[3]	369,569	422,903	485,601	505,714	546,453	634,635	40,890	43,718	45,957	49,735	51,287	57,312
Plus: Adjustment for residence	−295,890	−361,654	−397,460	−343,951	−386,430	−469,640	13,447	14,913	15,300	13,442	15,321	15,450
Equals: Net earnings by place of residence	5,122,386	5,788,042	6,267,614	6,799,006	7,336,874	8,057,665	621,499	654,222	645,024	664,872	688,377	724,413
Plus: Dividends, interest, and rent[5]	1,137,163	1,294,158	1,389,174	1,475,493	1,636,885	1,793,282	150,292	166,282	176,104	180,056	189,606	203,825
Plus: Transfer payments	972,094	980,278	1,048,163	1,131,878	1,194,588	1,266,833	158,713	166,001	173,157	192,736	204,046	213,044
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,797,880	5,440,938	5,945,543	6,318,228	6,830,667	7,614,743	526,942	549,581	545,711	550,895	568,555	603,297
Other labor income	528,987	575,857	601,454	637,995	684,000	757,463	41,104	41,862	40,659	40,402	42,888	46,233
Proprietors' income[6]	460,978	555,804	603,678	692,448	755,090	789,734	80,896	91,584	89,311	109,868	112,900	116,745
Farm	7,931	24,358	33,322	35,606	41,019	28,515	3,622	6,064	−1,808	9,989	8,754	6,507
Nonfarm	453,047	531,446	570,356	656,842	714,071	761,219	77,274	85,520	91,119	99,879	104,146	110,238
Earnings by industry:												
Farm	34,436	50,314	59,457	61,645	68,776	56,701	8,144	10,556	2,521	14,063	12,908	10,513
Nonfarm	5,753,409	6,522,285	7,091,218	7,587,026	8,200,981	9,105,239	640,798	672,471	673,160	687,102	711,435	755,762
Private	5,239,517	5,969,800	6,502,100	6,942,225	7,502,932	8,331,129	471,074	499,139	493,415	504,705	520,536	554,845
Agricultural services, forestry, fisheries, and other[7]	20,868	21,955	24,626	24,654	32,180	37,678	2,771	2,423	2,246	2,093	3,058	3,220
Agricultural services	18,826	19,755	(D)	(D)	(D)	(D)	2,630	2,340	2,166	2,012	2,996	3,154
Forestry, fisheries, and other[7]	2,042	2,200	(D)	(D)	(D)	(D)	141	83	80	81	62	66
Mining	23,035	24,411	29,766	19,208	18,308	21,924	2,184	2,133	2,517	1,167	918	1,001
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(L)
Oil and gas extraction	(D)	(D)	26,437	(D)	14,222	18,165	1,712	1,908	2,401	997	787	745
Metal mining	(L)	(D)	(D)	98	(L)	(L)	(D)	(D)	(L)	(L)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	4,046	3,725	(D)	(D)	(D)	86	(D)	57	(D)
Construction	304,547	340,559	388,171	491,332	547,907	625,107	44,670	47,291	44,976	47,724	45,710	51,112
Manufacturing	2,245,099	2,583,910	2,825,942	2,854,599	2,996,639	3,324,199	28,073	27,360	27,157	29,957	25,870	26,204
Nondurable goods	575,878	684,773	732,136	746,907	824,727	907,328	24,343	23,624	23,616	26,473	24,274	24,150
Food and kindred products	140,966	157,732	167,893	171,687	188,835	197,276	14,682	13,398	11,076	12,087	9,679	9,943
Textile mill products	5,922*	5,134*	5,458*	6,036	6,403*	6,730*	0	0	0	0	0	0
Apparel and other textile products	63,987	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	31,942	42,264	43,711	46,650	48,665	57,210	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	86,390	88,103	99,810	109,153	110,585	126,218	5,543	5,805	6,096	6,538	6,794	7,357
Chemicals and allied products	(D)	(D)	133,819	142,363	163,848	186,340	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	102	1,848	1,875	3,175	3,865	3,592	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	70,408	104,301	116,011	109,036	136,233	143,856	(D)	(D)	283	262	318	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	282	476
Durable goods	1,669,221	1,899,137	2,093,806	2,107,692	2,171,912	2,416,871	3,730	3,736	3,541	3,484	1,596	2,054
Lumber and wood products	25,512	27,406	(D)	33,243	40,573	45,286	369	228	213	215	550	755
Furniture and fixtures	430,347	523,074	595,279	561,124	620,023	698,754	(D)	313	(D)	(D)	0	0
Primary metal industries	107,002	96,806	92,212	89,995	99,012	112,890	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	388,426	436,582	470,610	476,430	464,218	513,720	(D)	202	95	0	0	0
Machinery, except electrical	369,459	399,945	459,126	479,256	454,312	516,498	229	(D)	433	122	153	168
Electric and electronic equipment	75,670	95,026	100,423	110,044	106,749	100,845	0	0	0	0	0	0
Transportation equip. excl. motor vehicles	47,100	46,538	48,663	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	48,889	70,876	78,469	99,834	115,872	132,404	0	0	0	0	0	0
Stone, clay, and glass products	35,983	44,657	(D)	(D)	78,112	97,333	1,753	1,949	2,090	2,614	672	867
Instruments and related products	118,910	133,308	140,691	138,889	135,693	135,905	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	21,923	24,919	21,147	13,220	(D)	(D)	233	251	(D)	(D)	202	234
Transportation and public utilities	309,297	338,159	341,979	325,859	346,824	370,427	46,632	51,697	49,660	52,316	54,343	57,552
Railroad transportation	31,303	29,434	25,447	21,771	19,065	22,928	8,205	9,192	8,284	7,953	(D)	5,831
Trucking and warehousing	129,830	162,210	156,740	133,129	145,318	160,024	13,988	17,772	16,889	17,516	18,838	19,666
Water transportation	(D)	1,211	1,726	1,697	1,459	2,113	0	0	0	0	(D)	0
Other transportation[8]	(D)	19,717	22,787	25,843	28,382	(D)	5,636	7,100	7,143	8,553	10,092	8,545
Communication	76,013	69,232	76,971	82,553	83,413	85,676	11,576	9,450	8,264	8,707	8,555	14,134
Electric, gas, and sanitary services	53,126	56,355	58,308	60,866	69,187	(D)	7,227	8,183	9,080	9,587	9,182	9,376
Wholesale trade	441,192	506,102	554,182	627,721	708,443	797,353	60,587	63,428	56,897	52,139	54,899	56,584
Retail trade	637,068	704,103	736,145	811,629	856,046	938,898	88,426	95,767	91,878	88,223	90,565	99,972
Finance, insurance, and real estate	228,748	241,157	278,615	319,985	357,558	396,418	47,725	48,185	47,073	48,529	49,313	44,233
Banking and credit agencies	82,423	90,003	102,985	112,473	117,107	122,313	14,750	14,741	14,803	13,936	14,255	12,844
Other finance, insurance, and real estate[9]	146,325	151,154	175,630	207,512	240,451	274,105	32,975	33,444	32,270	34,593	35,058	31,389
Services	1,029,663	1,209,444	1,322,674	1,467,238	1,639,027	1,819,125	150,006	160,855	171,011	182,557	195,860	214,967
Hotels and other lodging places	(D)	28,201	30,345	31,584	40,449	41,358	5,733	5,140	5,114	5,040	5,472	5,877
Personal services	54,728	55,373	68,313	74,255	80,947	90,932	7,409	7,143	8,595	9,248	9,337	9,515
Private households	9,552	10,569	10,595	10,588	10,684	10,795	(D)	(D)	(D)	2,285	2,258	2,263
Business services	133,007	162,230	195,115	217,100	256,775	282,881	19,707	22,701	23,206	22,145	22,763	23,630
Auto repair, services, and garages	51,936	62,191	69,978	75,198	76,979	82,135	7,250	7,906	8,739	8,834	8,706	9,178
Miscellaneous repair services	18,012	22,427	22,754	25,207	27,690	35,438	2,442	2,466	2,374	2,655	2,901	3,228
Amusement and recreation services	16,399	18,203	20,708	23,460	24,280	25,766	2,134	2,286	2,289	2,699	3,223	3,415
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	734	712	(D)
Health services	379,558	413,450	435,282	483,580	542,935	601,387	66,761	69,101	74,087	78,623	87,525	97,763
Legal services	83,122	96,466	112,172	127,203	135,470	153,698	11,429	14,909	16,973	19,800	22,363	25,208
Educational services	59,146	64,399	71,075	77,760	85,322	99,192	3,820	4,254	4,164	4,292	4,818	5,290
Social services	37,946	38,809	42,853	48,953	54,525	64,494	3,803	4,285	4,787	5,330	5,873	7,600
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	279	290	316	408	(D)
Membership organizations	45,726	47,976	50,457	51,500	56,241	61,900	5,386	5,790	5,556	5,404	5,595	5,917
Miscellaneous services	111,063	184,517	187,502	214,333	238,647	260,712	11,130	11,686	11,805	15,152	13,906	14,855
Government and government enterprises	513,892	552,485	589,118	644,801	698,049	774,110	169,724	173,332	179,745	182,397	190,859	200,917
Federal, civilian	55,158	59,132	66,494	68,495	79,815	91,118	37,091	37,228	38,636	39,975	42,521	46,020
Military	8,732	9,049	9,716	10,436	11,028	11,463	72,896	73,089	75,343	76,755	80,959	85,486
State and local	450,002	484,304	512,908	565,870	607,206	671,529	59,737	63,015	65,766	65,667	67,419	69,411

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Greeley, CO (MSA)						Green Bay, WI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,332,845**	**1,488,416**	**1,575,640**	**1,620,940**	**1,712,866**	**1,810,807**	**2,160,042**	**2,361,047**	**2,520,252**	**2,670,245**	**2,820,597**	**3,016,304**
Nonfarm personal income	1,329,210	1,432,066	1,520,746	1,561,431	1,649,255	1,749,872	2,141,074	2,333,793	2,494,611	2,639,768	2,788,159	2,988,004
Farm income[4]	3,635	56,350	54,894	59,509	63,611	60,935	18,968	27,254	25,641	30,477	32,438	28,300
Population (thousands)[2]	131.2	133.1	134.1	135.1	135.7	136.2	181.8	183.7	185.1	186.7	188.3	191.2
Per capita personal income (dollars)	**10,160**	**11,183**	**11,746**	**11,997**	**12,622**	**13,296**	**11,881**	**12,853**	**13,614**	**14,301**	**14,976**	**15,773**
Derivation of total personal income:												
Total earnings by place of work	807,764	925,743	993,967	1,026,706	1,069,814	1,146,832	1,711,882	1,894,526	2,023,018	2,159,550	2,287,064	2,448,166
Less: Personal contributions for social insurance[3]	43,280	47,322	53,796	57,066	59,318	67,045	106,710	118,461	134,050	140,686	147,574	165,924
Plus: Adjustment for residence	162,045	180,983	179,567	183,350	198,538	189,515	−71,185	−82,934	−84,495	−89,643	−90,824	−96,088
Equals: Net earnings by place of residence	926,529	1,059,404	1,119,738	1,152,990	1,209,034	1,269,302	1,533,987	1,693,131	1,804,473	1,929,221	2,048,666	2,186,154
Plus: Dividends, interest, and rent[5]	223,744	238,191	251,044	245,455	263,372	283,567	343,241	380,809	412,395	421,512	433,677	474,705
Plus: Transfer payments	182,572	190,821	204,858	222,495	240,460	257,938	282,814	287,107	303,384	319,512	338,254	355,445
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	659,425	706,588	764,992	783,864	813,344	879,975	1,426,898	1,578,394	1,693,203	1,799,610	1,897,100	2,036,853
Other labor income	65,721	68,046	72,361	74,890	76,985	83,648	154,820	163,632	168,787	180,655	191,326	206,342
Proprietors' income[6]	82,618	151,109	156,614	167,952	179,485	183,209	130,164	152,500	161,028	179,285	198,638	204,971
Farm	−25,002	28,270	26,620	31,497	33,997	31,103	13,549	21,938	20,363	25,233	26,839	22,643
Nonfarm	107,620	122,839	129,994	136,455	145,488	152,106	116,615	130,562	140,665	154,052	171,799	182,328
Earnings by industry:												
Farm	3,635	56,350	54,894	59,509	63,611	60,935	18,968	27,254	25,641	30,477	32,438	28,300
Nonfarm	804,129	869,393	939,073	967,197	1,006,203	1,085,897	1,692,914	1,867,272	1,997,377	2,129,073	2,254,626	2,419,866
Private	657,799	715,668	774,581	813,807	836,837	904,098	1,498,436	1,658,910	1,771,598	1,890,605	2,003,098	2,154,746
Agricultural services, forestry, fisheries, and other[7]	11,185	11,314	11,063	10,861	15,473	18,996	8,267	8,239	8,091	8,668	11,906	11,961
Agricultural services	11,016	11,231	10,711	10,403	15,156	18,643	8,075	8,143	7,802	8,260	11,561	11,576
Forestry, fisheries, and other[7]	169	83	352	458	317	353	192	96	289	408	345	385
Mining	17,215	21,541	28,483	18,406	16,176	18,072	3,763	3,240	5,251	2,663	5,889	5,163
Coal mining	(L)	(L)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	16,732	(D)	26,320	16,272	14,823	17,017	2,787	3,107	4,748	1,457	(D)	(D)
Metal mining	0	0	0	0	(D)	0	(D)	(D)	(D)	(D)	3,350	2,616
Nonmetallic minerals, except fuels	480	(D)	(D)	(D)	489	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	83,826	104,154	111,712	111,270	96,531	90,761	92,409	109,178	117,403	128,919	127,178	133,689
Manufacturing	197,786	199,256	216,407	228,261	241,574	274,620	558,200	616,356	663,666	695,353	727,683	781,078
Nondurable goods	54,424	59,872	63,924	72,139	86,077	103,610	430,945	454,438	481,356	496,802	515,106	546,759
Food and kindred products	46,385	51,135	55,910	62,448	73,672	89,143	113,774	122,407	124,434	127,610	127,389	132,738
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	242	142	162	85	(D)	(D)	(D)	244	296	307
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	277,775	288,972	311,775	310,566	322,713	344,934
Printing and publishing	4,088	4,813	6,508	7,758	8,835	9,754	32,683	35,548	38,301	49,615	53,111	57,322
Chemicals and allied products	969	896	730	995	1,187	1,571	2,295	2,548	2,610	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	(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)	1,837	2,005	2,250	1,509	3,223	5,422	4,264
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	143,362	139,384	152,483	156,122	155,497	171,010	127,255	161,918	182,310	198,551	212,577	234,319
Lumber and wood products	4,227	3,026	2,713	3,484	2,380	2,341	5,892	7,440	7,966	9,850	11,277	12,262
Furniture and fixtures	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	153	104	(D)	(D)	(D)	(D)	6,139	6,698	6,472	7,168	8,063	9,832
Fabricated metal products	3,104	3,865	4,101	4,375	6,785	10,636	18,052	18,083	17,553	18,642	19,884	21,984
Machinery, except electrical	18,617	28,733	32,401	33,222	34,181	35,125	69,151	94,958	109,801	114,480	119,356	127,181
Electric and electronic equipment	(D)	(D)	2,730	3,077	3,791	5,375	389	836	1,372	1,524	1,939	(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)	391	244	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,026	3,928	(D)	3,055	1,776	1,239	5,131	5,785	6,662	7,761	3,953	4,535
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,363	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	500	668	1,215	957	320	467	2,186	2,838	3,667	4,319	5,100	5,541
Transportation and public utilities	57,318	64,095	71,110	72,958	74,601	78,316	169,000	184,455	185,212	200,020	199,420	225,755
Railroad transportation	1,782	2,063	2,161	1,729	1,485	1,516	13,394	14,129	13,288	12,456	11,160	7,345
Trucking and warehousing	22,628	28,675	33,140	31,736	33,606	34,871	70,395	77,498	79,553	93,486	91,015	114,659
Water transportation	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,976	4,066	3,809	4,149	3,741	4,238	10,989	12,268	14,309	14,850	15,663	14,840
Communication	13,375	11,915	11,884	11,650	11,825	11,901	20,470	20,017	21,199	21,752	20,924	24,278
Electric, gas, and sanitary services	15,558	17,377	20,117	23,695	23,945	25,790	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	45,269	50,419	52,083	50,739	52,284	58,984	130,661	144,430	150,073	159,560	170,018	186,313
Retail trade	85,586	91,794	92,077	91,450	94,943	101,253	190,263	202,913	214,588	228,705	238,238	252,987
Finance, insurance, and real estate	39,051	41,833	47,557	50,723	54,421	54,456	47,233	51,430	54,493	62,300	70,150	73,036
Banking and credit agencies	(D)	16,321	16,554	16,188	(D)	(D)	24,866	26,969	28,890	32,702	34,520	34,065
Other finance, insurance, and real estate[9]	(D)	25,512	31,003	34,535	(D)	(D)	22,367	24,461	25,603	29,598	35,630	38,971
Services	120,563	131,262	144,089	179,139	190,834	208,640	298,640	338,669	372,821	404,417	452,616	484,764
Hotels and other lodging places	1,112	1,423	1,509	1,122	1,670	2,197	6,353	6,701	6,966	8,076	10,294	11,011
Personal services	9,136	9,346	11,403	12,979	13,321	14,527	13,393	15,324	18,503	20,432	22,640	25,596
Private households	2,264	2,531	2,567	2,578	2,605	2,630	1,587	1,750	1,758	1,752	1,766	1,795
Business services	17,609	21,372	23,122	24,537	28,406	29,951	43,479	57,933	63,247	66,747	77,428	70,532
Auto repair, services, and garages	6,714	7,558	9,450	9,819	10,148	11,854	13,717	17,166	18,499	15,786	17,511	20,238
Miscellaneous repair services	5,049	6,086	7,561	6,899	5,833	8,292	6,153	7,796	7,949	8,826	9,274	10,175
Amusement and recreation services	3,462	3,717	3,791	3,756	3,484	3,521	18,593	22,635	22,342	24,003	26,476	35,670
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	413	435	566	767	1,103	1,354
Health services	42,850	43,537	48,045	75,636	83,336	89,880	133,978	138,013	151,436	165,066	186,682	197,118
Legal services	4,450	5,445	5,490	6,254	6,279	7,385	12,019	13,596	15,465	16,686	17,559	18,731
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	10,715	(D)	(D)	(D)	(D)	(D)
Social services	1,679	2,437	1,675	1,743	2,439	3,267	8,482	9,345	10,473	13,429	14,226	15,730
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,753	9,484	9,681	9,869	10,379	11,226	10,518	11,350	11,740	14,020	15,288	16,633
Miscellaneous services	15,028	15,542	16,636	20,836	19,572	19,750	19,240	24,375	30,256	34,547	37,313	43,808
Government and government enterprises	146,330	153,725	164,492	153,390	169,366	181,799	194,478	208,362	225,779	238,468	251,528	265,120
Federal, civilian	8,610	9,530	9,610	10,109	11,091	12,070	19,281	22,001	23,806	25,263	26,820	29,644
Military	3,506	3,419	3,600	3,995	4,194	4,298	5,112	6,232	7,159	8,086	8,865	9,357
State and local	134,214	140,776	151,282	139,286	154,081	165,431	170,085	180,129	194,814	205,119	215,843	226,119

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Greensboro—Winston—Salem—High Point, NC (MSA)						Greenville—Spartanburg, SC (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**10,131,030**	**11,262,120**	**12,109,790**	**13,013,328**	**14,088,918**	**15,363,746**	**6,015,078**	**6,627,278**	**7,109,353**	**7,646,703**	**8,307,429**	**9,075,414**
Nonfarm personal income	10,064,200	11,166,484	12,026,383	12,928,131	13,997,604	15,259,198	6,010,594	6,598,780	7,098,493	7,630,971	8,285,165	9,048,136
Farm income[1]	66,830	95,636	83,407	85,197	91,314	104,548	4,484	28,498	10,860	15,732	22,264	27,278
Population (thousands)[2]	876.1	884.7	894.3	901.9	915.2	924.7	588.1	593.1	600.3	605.5	611.6	621.4
Per capita personal income (dollars)	**11,564**	**12,730**	**13,541**	**14,428**	**15,395**	**16,614**	**10,228**	**11,173**	**11,844**	**12,629**	**13,582**	**14,605**
Derivation of total personal income:												
Total earnings by place of work	8,181,759	9,139,187	9,828,274	10,574,926	11,543,681	12,662,876	4,916,600	5,478,261	5,828,117	6,320,603	6,917,580	7,617,254
Less: Personal contributions for social insurance[3]	485,494	542,981	616,075	663,192	718,476	822,418	288,399	321,980	362,168	403,258	437,425	501,706
Plus: Adjustment for residence	−272,437	−311,195	−331,358	−360,663	−397,200	−466,302	−260,215	−288,760	−299,022	−308,801	−330,495	−370,445
Equals: Net earnings by place of residence	7,423,828	8,285,011	8,880,841	9,551,071	10,428,005	11,374,156	4,367,986	4,867,521	5,166,927	5,608,544	6,149,660	6,745,103
Plus: Dividends, interest, and rent[4]	1,456,005	1,687,803	1,846,495	1,959,162	2,103,836	2,322,161	799,300	889,046	967,385	1,016,419	1,094,813	1,210,374
Plus: Transfer payments	1,251,197	1,289,306	1,382,454	1,503,095	1,557,077	1,667,429	847,792	870,711	975,041	1,021,740	1,062,956	1,119,937
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,735,663	7,533,545	8,124,376	8,696,123	9,496,194	10,426,824	4,163,499	4,618,887	4,940,061	5,304,862	5,798,765	6,402,692
Other labor income	765,917	799,147	819,011	890,488	951,539	1,041,844	426,181	456,532	467,108	502,243	556,033	608,952
Proprietors' income[6]	680,179	806,495	884,887	988,315	1,095,948	1,194,208	326,920	402,842	420,948	513,498	562,782	605,610
Farm	52,923	81,950	69,981	71,990	77,430	90,635	299	24,374	6,870	11,853	18,224	23,274
Nonfarm	627,256	724,545	814,906	916,325	1,018,518	1,103,573	326,621	378,468	414,078	501,645	544,558	582,336
Earnings by industry:												
Farm	66,830	95,636	83,407	85,197	91,314	104,548	4,484	28,498	10,860	15,732	22,264	27,278
Nonfarm	8,114,929	9,043,551	9,744,867	10,489,729	11,452,367	12,558,328	4,912,116	5,449,763	5,817,257	6,304,871	6,895,316	7,589,976
Private	7,357,033	8,202,398	8,836,575	9,499,020	10,380,155	11,448,441	4,362,099	4,849,759	5,153,637	5,571,065	6,115,673	6,733,650
Agricultural services, forestry, fisheries, and other[7]	20,415	21,585	24,316	24,925	37,753	43,806	15,722	16,662	17,471	18,525	22,692	25,712
Agricultural services	18,533*	19,840*	22,677*	23,352*	35,702*	41,327*	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	1,178*	1,019*	843*	804*	1,021*	1,285*	(D)	(D)	(D)	(D)	(D)	(D)
Mining	23,192	25,607	34,578	15,988	15,208	19,255	11,058	11,196	15,428	8,276	9,115	9,567
Coal mining	(L)	59	(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	433,753	539,064	646,437	773,016	820,019	941,058	376,487	438,226	489,082	550,600	591,691	642,987
Manufacturing	3,144,177	3,358,076	3,514,107	3,720,226	3,934,613	4,286,679	1,913,082	2,098,711	2,137,362	2,248,681	2,412,625	2,606,147
Nondurable goods	1,893,767	1,856,568	1,926,327	2,106,669	2,255,277	2,512,282	1,338,642	1,443,893	1,471,307	1,541,849	1,652,252	1,736,739
Food and kindred products	(D)	112,813*	117,304*	120,476*	(D)	(D)	45,457*	47,290*	48,182*	51,840	63,807	64,223
Textile mill products	610,721*	614,512*	620,601*	660,131*	698,435*	743,957*	607,288	653,181	634,948	661,931	712,737	751,375
Apparel and other textile products	151,061*	169,425*	153,718*	172,061*	178,883*	185,005	115,505	123,944	117,598	118,546	119,545	113,527
Paper and allied products	99,319*	56,175*	(D)	(D)	66,675*	82,278*	101,887*	114,556*	122,453*	132,194*	139,592*	155,310*
Printing and publishing	103,781*	118,158*	129,354*	140,458*	151,106*	163,916*	49,196	54,678	58,836	61,599	65,276	70,382
Chemicals and allied products	104,319*	121,426*	131,118*	156,580*	162,277*	172,317*	(D)	(D)	(D)	231,033*	237,246*	287,812*
Petroleum and coal products	576*	453*	(D)	(D)	634	866	289	246	125	(D)	(D)	(D)
Tobacco manufactures	602,746	566,997*	633,655*	713,393	(D)	(D)	529	398	557	467	(D)	(D)
Rubber and misc. plastic products	(D)	58,489	56,890	56,266*	60,063*	66,523*	210,482*	228,692*	252,023*	265,277*	291,426*	266,935*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,516*	2,497*	2,607*	2,382*	1,772*
Durable goods	1,250,410	1,501,508	1,587,780	1,613,557	1,679,336	1,774,397	574,440	654,818	666,055	706,832	760,373	869,408
Lumber and wood products	81,738	96,999	103,900	116,371	122,530	130,585	15,655	17,998	17,621	18,568	20,264	21,434
Furniture and fixtures	367,897*	418,700*	449,701*	472,358*	517,923*	539,400*	(D)	(D)	(D)	(D)	13,327*	15,586*
Primary metal industries	(D)	28,714	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	40,533*
Fabricated metal products	97,008*	172,538*	180,274*	183,658*	140,267*	133,943*	78,903	89,847	96,364	102,627	105,606	110,375
Machinery, except electrical	168,446*	177,228*	177,096*	180,505*	(D)	(D)	260,271	276,561	274,172	291,217	316,184	367,946
Electric and electronic equipment	340,282*	396,279*	419,179*	373,601*	379,209*	419,759*	106,884*	127,702*	130,787*	138,319*	146,151*	166,901*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	40,974*	48,685*	56,738*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	68,143*	90,018*	92,666*	101,541*	111,185*	110,951*	38,054*	35,816*	40,226*	46,389*	47,914*	56,522*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,555	8,331	10,913	11,340	10,701
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,305*	17,331*	20,235*
Transportation and public utilities	609,666	671,644	722,253	767,189	875,206	912,000	268,626	290,292	303,811	327,464	370,572	402,822
Railroad transportation	16,751*	16,259*	16,174*	16,584*	17,660*	16,618*	31,633	35,855	35,473	34,792	34,805	31,779
Trucking and warehousing	287,734	309,339*	317,523*	306,342	346,417	356,471	112,881	126,142	129,002	131,859	144,355	156,209
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,366	22,008	27,188	(D)	(D)
Communication	109,533*	116,179	118,728	130,154	151,410*	172,353	68,622	64,156	68,264	75,083	87,164	91,525
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	539,747	651,536	701,709	772,773	864,971	942,048	310,545	356,389	380,768	398,775	439,809	481,531
Retail trade	810,988	888,366	968,615	1,029,904	1,118,727	1,228,153	498,135	554,264	604,848	653,847	721,509	805,066
Finance, insurance, and real estate	398,726	429,295	475,053	534,553	611,298	654,599	212,915	233,788	256,236	282,101	312,334	336,565
Banking and credit agencies	144,408	(D)	(D)	(D)	(D)	248,320*	73,440	80,406	89,954	96,396	106,368	109,251
Other finance, insurance, and real estate[9]	254,318	(D)	(D)	(D)	(D)	397,442*	139,475	153,382	166,282	185,705	205,966	227,314
Services	1,376,369	1,617,225	1,749,507	1,860,446	2,102,360	2,420,843	755,529	850,231	948,631	1,082,796	1,235,326	1,423,253
Hotels and other lodging places	26,424*	32,681*	36,281*	36,437*	42,098*	47,233*	18,131	16,423*	(D)	23,640	(D)	28,874
Personal services	79,231	85,884	104,737	115,716	129,829	144,021	41,679	46,577	55,728	61,758	67,324	73,801
Private households	48,014	54,055	54,873	55,135	55,907	56,972	23,682	26,558	26,844	26,978	27,370	27,954
Business services	239,595	301,231	347,709	390,106	443,539	491,063	98,850	118,383	139,914	155,722	187,424	227,289
Auto repair, services, and garages	59,918	71,129	81,717	88,413	98,143	109,201	36,295	41,381	47,036	53,451	58,425	64,676
Miscellaneous repair services	31,610	39,934	39,081	46,498	51,147	59,078	15,347	18,210	18,775	22,507	26,674	32,640
Amusement and recreation services	18,871*	20,318*	22,517*	(D)	(D)	(D)	12,661	14,461	16,056	17,390	19,514	21,728
Motion pictures	1,536*	(D)	(D)	(D)	(D)	(D)	2,917	2,615	2,694	2,927	2,967	2,618
Health services	446,156	492,447	530,204	574,764	664,197	823,035	194,388	219,713	243,376	270,780	318,347	344,565
Legal services	78,955*	101,657	116,737	135,536	151,845	172,059	60,396	75,638	83,442	96,180	107,847	119,931
Educational services	99,653	111,946	121,046	131,706*	144,785*	158,097*	46,613	49,267*	53,482*	63,117	66,557*	77,157
Social services	29,369*	33,558*	37,781*	42,641*	47,940	51,774*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	1,783*	2,070*	2,297*	2,520*	2,694*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	51,431	50,808*	51,576	54,385	56,014	60,062	29,823	30,739	30,752	31,864	33,275	35,065
Miscellaneous services	160,482	212,872	196,285	152,119	174,918	200,246	162,568	173,983	191,728	240,053	271,137	343,682
Government and government enterprises	757,896	841,153	908,292	990,709	1,072,212	1,109,887	550,017	600,004	663,620	733,806	779,643	856,326
Federal, civilian	115,385	123,504	135,133	137,167	146,373	159,856	47,926	51,098	55,429	56,562	59,988	64,973
Military	16,111	16,569	18,425	20,546	21,818	22,323	26,799	29,519	31,809	32,482	34,093	35,151
State and local	626,400	701,080	754,734	832,996	904,021	927,708	475,292	519,387	576,382	644,762	685,562	756,202

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Hagerstown, MD (MSA)						Hamilton—Middletown, OH (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,172,199**	**1,305,720**	**1,393,781**	**1,480,052**	**1,605,996**	**1,730,464**	**3,022,077**	**3,275,036**	**3,473,109**	**3,739,905**	**4,032,433**	**4,294,979**
Nonfarm personal income	1,166,907	1,292,984	1,385,002	1,467,483	1,593,124	1,717,435	3,021,538	3,267,202	3,466,169	3,733,696	4,025,846	4,289,817
Farm income[1]	5,292	12,736	8,779	12,569	12,872	13,029	539	7,834	6,940	6,209	6,587	5,162
Population (thousands)[2]	112.1	113.0	113.7	115.5	116.6	117.8	261.2	264.8	268.0	271.8	277.1	279.7
Per capita personal income (dollars)	**10,456**	**11,558**	**12,255**	**12,814**	**13,770**	**14,693**	**11,571**	**12,370**	**12,960**	**13,760**	**14,554**	**15,355**
Derivation of total personal income:												
Total earnings by place of work	834,317	957,411	1,016,931	1,070,623	1,163,998	1,238,386	1,829,016	1,975,172	2,045,864	2,167,693	2,304,983	2,432,718
Less: Personal contributions for social insurance[3]	51,475	59,017	67,263	70,027	75,191	83,935	119,778	130,114	142,603	153,857	162,794	179,000
Plus: Adjustment for residence	−12,323	−22,115	−17,400	−720	17,309	37,734	437,636	491,626	584,473	669,831	770,230	834,023
Equals: Net earnings by place of residence	770,519	876,279	932,268	999,876	1,106,116	1,192,185	2,146,874	2,336,684	2,487,734	2,683,667	2,912,419	3,087,741
Plus: Dividends, interest, and rent[5]	192,864	215,245	230,447	242,577	252,765	280,247	422,213	463,873	487,011	520,585	551,909	602,277
Plus: Transfer payments	208,816	214,196	231,066	237,599	247,115	258,032	452,990	474,479	498,364	535,653	568,105	604,961
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	701,920	805,096	860,644	901,672	982,088	1,046,095	1,506,950	1,623,190	1,695,868	1,789,530	1,905,879	2,015,790
Other labor income	75,073	82,184	81,839	85,289	91,719	95,977	185,850	190,220	186,089	195,870	201,960	210,201
Proprietors' income[6]	57,324	70,131	74,448	83,662	90,191	96,314	136,216	161,762	163,907	182,293	197,144	206,727
Farm	379	7,939	4,071	7,903	7,968	8,107	−1,131	6,173	5,381	4,743	5,140	3,801
Nonfarm	56,945	62,192	70,377	75,759	82,223	88,207	137,347	155,589	158,526	177,550	192,004	202,926
Earnings by industry:												
Farm	5,292	12,736	8,779	12,569	12,872	13,029	539	7,834	6,940	6,209	6,587	5,162
Nonfarm	829,025	944,675	1,008,152	1,058,054	1,151,126	1,225,357	1,828,477	1,967,338	2,038,924	2,161,484	2,298,396	2,427,556
Private	689,792	781,267	822,635	862,512	945,612	1,006,766	1,602,675	1,725,307	1,779,089	1,877,791	1,986,103	2,090,939
Agricultural services, forestry, fisheries, and other[7]	2,829	2,839	2,854	2,982	4,196	4,688	4,291	4,086	4,331	4,088	6,616	7,354
Agricultural services	2,742	2,779	2,803	2,932	4,144	4,630	4,009	3,882	4,191	3,961	6,509	7,241
Forestry, fisheries, and other[7]	87	60	51	50	52	58	282	204	140	127	107	113
Mining	1,961	2,219	3,034	1,738	1,944	2,120	7,297	8,812	10,052	7,584	7,175	6,438
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	642	772	766	700	355	351
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,470	3,611	5,147	1,950	1,780	1,639
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	3,186	4,432	4,141	4,934	5,025	4,436
Construction	56,487	60,769	63,608	74,969	87,678	100,050	107,806	134,188	113,485	133,061	150,726	172,765
Manufacturing	252,938	307,735	313,526	296,225	294,589	276,353	804,875	841,370	861,744	884,277	864,158	874,634
Nondurable goods	55,486	64,034	69,537	74,162	76,700	78,956	199,882	214,732	225,553	249,401	242,021	247,588
Food and kindred products	3,110	4,933	7,419	10,607	10,104	9,707	5,458	4,711	4,430	5,531	5,589	5,550
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)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	165,256	178,411	188,509	208,021	197,828	199,581
Printing and publishing	19,886	23,468	26,929	28,296	28,760	24,447	16,251	17,326	16,325	15,940	17,371	19,014
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	6,733	7,697	8,642	9,642	9,509	10,107
Petroleum and coal products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	2,024	2,691
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	12,198	4,604	4,625	5,330	7,937	8,666	9,208
Leather and leather products	10,764	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	197,452	243,701	243,989	222,063	217,889	197,397	604,993	626,638	636,191	634,876	622,137	627,046
Lumber and wood products	4,506	5,148	5,674	5,898	7,143	7,669	6,529	7,394	8,465	9,339	14,321	14,282
Furniture and fixtures	6,988	7,346	6,698	7,692	8,170	8,605	20,100	20,867	19,730	20,436	22,497	25,752
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	9,276	12,353	13,466	11,834	11,828	12,802	171,730	180,906	210,224	199,182	148,266	115,996
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	54,166	59,868	67,972	72,923	75,688	82,598
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,778	20,522	21,879	22,831	24,679
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	31,584	27,878	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,762	(D)
Stone, clay, and glass products	8,527	9,362	9,857	10,749	12,101	12,956	5,617	5,808	6,778	6,945	7,695	9,944
Instruments and related products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	384
Miscellaneous manufacturing industries	(D)	5,322	6,965	8,235	8,140	8,152	3,702	4,094	4,127	4,536	4,984	6,104
Transportation and public utilities	91,191	101,368	98,096	97,763	101,345	105,857	78,178	88,005	91,815	97,172	100,456	106,390
Railroad transportation	15,251	15,314	13,916	11,146	8,796	9,112	11,080	11,677	11,576	11,094	9,824	8,368
Trucking and warehousing	39,696	47,634	44,551	47,720	48,251	50,581	42,563	49,893	51,590	56,087	60,114	65,746
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,078	4,765	5,984	6,985	7,326	7,611
Communication	18,363	18,728	18,663	16,264	18,404	18,381	9,469	10,283	10,273	8,570	7,903	8,262
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	10,997	11,396	12,397	14,443	15,293	16,400
Wholesale trade	41,394	48,691	53,334	58,658	67,889	72,999	89,096	102,111	106,400	111,390	150,959	165,606
Retail trade	92,479	93,842	107,425	119,754	136,747	159,641	154,833	165,548	180,347	191,173	201,841	213,952
Finance, insurance, and real estate	19,877	21,603	23,281	26,704	31,897	36,729	85,896	86,333	88,296	89,716	108,400	112,433
Banking and credit agencies	(D)	11,476	12,316	13,099	14,383	15,535	23,407	25,979	27,107	(D)	(D)	30,940
Other finance, insurance, and real estate[9]	(D)	10,127	10,965	13,605	17,514	21,194	62,489	60,354	61,189	(D)	(D)	81,493
Services	130,636	142,201	157,477	183,719	219,327	248,329	270,403	294,854	322,619	359,330	395,772	431,367
Hotels and other lodging places	3,563	3,793	4,841	5,344	5,997	6,589	3,448	3,422	2,878	4,249	4,528	4,568
Personal services	8,195	9,351	12,001	13,340	14,133	15,423	15,571	17,122	21,948	22,848	24,753	28,696
Private households	3,224	3,607	3,639	3,669	3,737	3,836	3,228	3,566	3,567	3,546	3,568	3,604
Business services	14,074	15,655	18,153	29,378	43,108	54,972	20,685	26,050	35,011	40,019	44,730	49,056
Auto repair, services, and garages	6,820	7,819	8,787	9,743	10,329	11,731	12,609	14,541	16,582	20,282	21,494	23,615
Miscellaneous repair services	2,667	2,420	2,966	3,602	4,344	5,931	4,524	5,029	4,190	4,838	5,208	5,404
Amusement and recreation services	1,254	1,707	1,938	2,334	2,400	2,542	5,736	6,327	6,682	7,048	7,497	7,840
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	551	535	566	465	480	(D)
Health services	57,332	61,222	65,054	70,220	85,245	92,182	136,454	143,605	153,078	163,549	180,530	190,435
Legal services	5,392	5,846	7,064	7,724	8,390	8,705	12,566	14,222	15,243	17,566	19,272	21,495
Educational services	2,672	2,765	3,179	3,541	4,137	4,600	(D)	(D)	(D)	(D)	(D)	13,396
Social services	9,338	10,432	12,110	14,032	14,445	16,452	7,667	7,951	8,290	8,760	9,600	11,093
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,597	9,096	8,891	9,660	10,450	11,297	19,178	20,230	20,870	21,794	23,089	24,051
Miscellaneous services	7,008	8,016	8,373	10,682	12,153	13,600	22,957	26,263	27,232	37,258	41,462	47,663
Government and government enterprises	139,233	163,408	185,517	195,542	205,514	218,591	225,802	242,031	259,835	283,693	312,293	336,617
Federal, civilian	27,254	31,912	38,356	37,030	37,830	41,760	11,323	12,267	13,289	13,546	14,548	15,989
Military	27,593	32,594	36,363	37,290	36,032	37,048	3,634	3,776	4,092	4,418	4,793	5,049
State and local	84,386	98,902	110,798	121,222	131,652	139,783	210,845	225,988	242,454	265,729	292,952	315,579

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Harrisburg—Lebanon—Carlisle, PA (MSA)						Hartford—New Britain—Middletown—Bristol, CT (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**6,582,835**	**7,051,637**	**7,519,369**	**8,002,199**	**8,593,209**	**9,283,865**	**15,786,306**	**17,381,039**	**18,716,149**	**20,412,638**	**22,428,596**	**24,432,456**
Nonfarm personal income	6,548,635	6,979,014	7,459,878	7,933,607	8,521,237	9,215,967	15,736,032	17,328,660	18,661,249	20,350,503	22,364,842	24,364,055
Farm income[1]	34,200	72,623	59,491	68,592	71,972	67,898	50,274	52,379	54,900	62,135	63,754	68,401
Population (thousands)[2]	567.6	571.1	574.1	579.3	584.4	591.1	1,064.4	1,068.0	1,076.2	1,085.1	1,098.2	1,108.5
Per capita personal income (dollars)	**11,598**	**12,347**	**13,099**	**13,812**	**14,703**	**15,706**	**14,831**	**16,275**	**17,392**	**18,812**	**20,423**	**22,041**
Derivation of total personal income:												
Total earnings by place of work	5,313,258	5,800,603	6,144,694	6,591,734	7,137,759	7,755,846	12,512,509	13,892,039	15,204,410	16,838,654	18,743,401	20,361,505
Less: Personal contributions for social insurance[3]	318,843	358,391	392,941	433,216	452,176	512,336	740,396	826,693	947,265	1,047,912	1,166,229	1,317,808
Plus: Adjustment for residence	−627,099	−692,323	−749,754	−844,675	−913,208	−995,517	−695,895	−831,208	−930,179	−1,109,858	−1,306,289	−1,320,836
Equals: Net earnings by place of residence	4,367,316	4,749,889	5,001,999	5,313,843	5,772,375	6,247,993	11,076,218	12,234,138	13,326,966	14,680,884	16,270,883	17,722,861
Plus: Dividends, interest, and rent[5]	1,030,592	1,123,724	1,230,190	1,313,150	1,401,473	1,530,180	2,750,525	3,109,693	3,210,181	3,411,051	3,723,224	4,108,231
Plus: Transfer payments	1,184,927	1,178,024	1,287,180	1,375,206	1,419,361	1,505,692	1,959,563	2,037,208	2,179,002	2,320,703	2,434,489	2,601,364
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,444,153	4,825,057	5,134,330	5,493,866	5,941,307	6,463,967	10,529,228	11,743,656	12,879,656	14,270,019	15,900,518	17,307,067
Other labor income	455,494	481,560	490,769	527,586	575,374	634,457	1,230,627	1,297,335	1,354,042	1,499,744	1,655,900	1,766,542
Proprietors' income[6]	413,611	493,986	519,595	570,282	621,078	657,422	752,654	851,048	970,712	1,068,891	1,186,983	1,287,896
Farm	22,553	61,229	48,151	57,360	60,076	55,920	27,678	30,305	33,062	40,499	40,874	45,401
Nonfarm	391,058	432,757	471,444	512,922	561,002	601,502	724,976	820,743	937,650	1,028,392	1,146,109	1,242,495
Earnings by industry:												
Farm	34,200	72,623	59,491	68,592	71,972	67,898	50,274	52,379	54,900	62,135	63,754	68,401
Nonfarm	5,279,058	5,727,980	6,085,203	6,523,142	7,065,787	7,687,948	12,462,235	13,839,660	15,149,510	16,776,519	18,679,647	20,293,104
Private	3,971,825	4,363,229	4,648,763	5,018,203	5,469,082	6,002,429	10,985,028	12,176,238	13,310,363	14,770,754	16,452,644	17,832,974
Agricultural services, forestry, fisheries, and other[7]	15,260	14,886	17,245	18,784	(D)	(D)	43,553	47,092	48,955	56,537	76,391	86,139
Agricultural services	14,370	14,068	16,271	17,599	(D)	(D)	38,784	43,646	46,820	53,776	73,935	83,429
Forestry, fisheries, and other[7]	890	818	974	1,185	920	1,013	4,769	3,446	2,135	2,761	2,456	2,710
Mining	9,836	10,202	21,846	14,929	(D)	(D)	34,902	39,080	53,370	26,403	28,048	30,551
Coal mining	(D)	485	(D)	(D)	299	(D)	1,444	1,220	1,522	1,603	(D)	778
Oil and gas extraction	(D)	(D)	(D)	(D)	4,189	(D)	26,047	27,273*	39,053*	10,931*	(D)	(D)
Metal mining	(L)	−53	(L)	(L)	148	116	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	7,411	8,422*	9,809*	12,431*	16,612	(D)
Construction	257,352	297,721	329,664	382,389	440,992	508,553	593,371	709,115	819,087	1,024,082	1,243,359	1,426,963
Manufacturing	1,181,924	1,303,835	1,299,421	1,319,019	1,372,888	1,483,920	3,738,984	4,069,481	4,255,933	4,476,211	4,644,012	4,780,424
Nondurable goods	539,128	577,387	603,401	633,641	670,187	713,216	566,032	598,081	626,161	677,564	735,921	753,189
Food and kindred products	251,084	270,093	287,305	307,596	319,217	340,991	121,811*	126,607*	126,426*	134,313*	139,615*	138,841*
Textile mill products	(D)	(D)	(D)	46,590*	54,992*	56,915*	(D)	29,073	(D)	(D)	25,908*	(D)
Apparel and other textile products	56,874	56,327	57,027	51,003	53,469	55,251	27,752*	26,663*	27,930	28,029*	25,138*	23,662*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	69,724*	78,945*
Printing and publishing	59,241*	65,511*	74,855*	83,748*	89,515*	95,579*	182,704	190,186	211,416	236,618	261,618	281,021
Chemicals and allied products	19,951*	18,812*	18,376*	19,252	19,509	20,227	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	226	182	208	253	258	420	2,075	(D)	2,714	(D)	3,495	(D)
Tobacco manufactures	0	0	0	0	0	0	(D)	(D)	2,773	2,600	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	71,364	81,056	83,198	88,069	98,758	92,801
Leather and leather products	41,281	42,252	41,538	41,945	43,082	43,170	187	(D)	(D)	(D)	(D)	(D)
Durable goods	642,796	726,448	696,020	685,378	702,701	770,704	3,172,952	3,471,400	3,629,772	3,798,647	3,908,091	4,027,235
Lumber and wood products	9,922*	12,588*	14,628*	18,747*	23,176*	36,192	(D)	(D)	(D)	(D)	(D)	53,915
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	14,611*	17,109*	17,038*	19,421*	22,115	21,765
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	72,942*
Fabricated metal products	54,834*	90,442	107,978	101,668	103,416	108,697	621,768	496,302	500,775	493,609	537,284	573,460
Machinery, except electrical	61,242*	66,086*	68,604*	75,655*	74,715*	84,599*	544,859	613,771	615,763	798,222	780,351	831,755
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	287,096	487,638	499,142	337,819	359,433	358,742
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,284,781*	1,356,973*	1,486,737*	1,570,392*	1,620,610*	(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)	26,868*	34,298*	41,858*	45,541	49,120	60,589
Instruments and related products	(D)	(D)	(D)	1,660*	1,583*	(D)	88,387*	105,033*	115,966	125,135	126,600	128,922
Miscellaneous manufacturing industries	5,861	6,439*	6,583	7,239	8,167	9,125	57,674	63,050*	70,390*	74,164*	70,292*	70,700
Transportation and public utilities	503,808	552,838	567,937	607,849	639,548	682,620	566,787	640,710	706,009	748,164	865,750	905,780
Railroad transportation	57,287	59,486	58,788	61,535	64,898	63,303	4,273	4,101	3,864	3,550	3,589	(D)
Trucking and warehousing	211,203	241,338	247,790	265,919	286,674	317,593	114,795	132,898	140,479	161,639	184,632	206,216
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	3,721*	5,202*	6,711*	8,817*	10,649*	11,978*
Other transportation[8]	(D)	(D)	39,433	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	116,140*	(D)	(D)	(D)	141,833	158,509	172,277	154,769	213,190	213,797
Electric, gas, and sanitary services	79,242*	92,196*	102,794*	110,107*	107,855*	113,365*	181,793*	197,452*	215,519*	234,499*	243,955*	244,540*
Wholesale trade	322,064	365,208	403,902	447,204	485,985	524,599	804,273	873,989	982,626	1,134,831	1,264,713	1,329,399
Retail trade	485,691	518,607	555,852	605,923	653,513	700,013	1,078,898	1,204,108	1,305,251	1,455,963	1,632,537	1,801,359
Finance, insurance, and real estate	276,091	297,403	319,814	355,807	418,481	468,699	1,869,358	2,045,802	2,266,571	2,609,891	2,993,283	3,236,760
Banking and credit agencies	75,364	79,770	(D)	(D)	(D)	(D)	250,369*	282,151*	325,038*	409,828	447,473*	487,487*
Other finance, insurance, and real estate[9]	200,727	217,633	(D)	(D)	(D)	(D)	1,609,393*	1,632,963*	1,738,639*	2,200,063	2,295,189*	2,483,912*
Services	919,799	1,002,529	1,133,082	1,266,299	1,417,183	1,587,915	2,254,902	2,546,861	2,872,561	3,238,672	3,704,551	4,235,599
Hotels and other lodging places	33,106*	34,830*	36,937*	42,189*	45,021*	50,057*	(D)	42,519*	(D)	(D)	(D)	(D)
Personal services	42,466	45,570	59,087	65,136	70,013	75,531	96,202	105,432	131,731	144,420	154,381	171,565
Private households	6,032	6,671	6,655	6,633	6,666	6,742	(D)	(D)	(D)	(D)	(D)	(D)
Business services	123,737	138,959	184,943	203,979	223,666	262,176	419,527	496,208	569,163	658,395	751,354	852,014
Auto repair, services, and garages	40,758	45,542	50,612	58,845	64,604	70,708	89,874	102,594	117,228	131,199	142,121	158,818
Miscellaneous repair services	19,685	22,216	20,030	22,777	24,594	26,702	45,358	47,575	48,446	60,241	66,765	87,047
Amusement and recreation services	28,323*	31,468	33,531	35,751	40,110	44,907	45,686	51,302	54,832	68,707	74,704	83,600
Motion pictures	(D)	1,717	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	332,908	353,387	381,293	431,681	493,119	547,533	850,508	927,904	1,022,391	1,091,639	1,261,501	1,450,162
Legal services	54,907	64,350	74,051	83,008	91,614	103,930	163,341	205,439	230,250	276,155	307,649	359,369
Educational services	43,601*	(D)	(D)	59,872*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	36,456*	40,138*	45,299	48,948	57,027	65,934	68,686	74,186	86,175	100,973	121,192	145,058
Museums, botanical, zoological gardens	150	195	(D)	(D)	(D)	(D)	3,069	3,263	3,447	3,496	4,012	4,584*
Membership organizations	70,678	73,096	78,025	87,989	96,984	105,228	91,810	99,472	112,497	124,913	134,611	149,445
Miscellaneous services	83,924	92,977	101,174	116,297	133,161	148,531	192,621	224,719	263,413	326,220	404,696	466,789
Government and government enterprises	1,307,233	1,364,751	1,436,440	1,504,939	1,596,705	1,685,519	1,477,207	1,663,422	1,839,147	2,005,765	2,227,003	2,460,130
Federal, civilian	333,903	368,345	390,263	385,545	407,627	430,635	200,910	220,166	231,503	234,683	257,238	278,330
Military	63,735	70,752	79,592	83,734	85,046	87,391	22,564	24,923	31,845	33,405	32,604	37,090
State and local	909,595	925,654	966,585	1,035,660	1,104,032	1,167,493	1,253,733	1,418,333	1,575,799	1,737,677	1,937,161	2,144,710

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Hickory, NC (MSA)						Honolulu, HI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,075,806**	**2,326,158**	**2,456,477**	**2,678,113**	**2,915,144**	**3,153,343**	**10,396,300**	**11,063,883**	**11,815,849**	**12,536,961**	**13,515,051**	**14,706,239**
Nonfarm personal income	2,055,568	2,286,206	2,418,943	2,630,513	2,872,007	3,105,242	10,322,277	11,009,440	11,758,613	12,470,666	13,460,376	14,652,906
Farm income[1]	20,238	39,952	37,534	47,600	43,137	48,101	74,023	54,443	57,236	66,295	54,675	53,333
Population (thousands)[2]	209.3	212.1	215.0	216.9	219.2	222.1	793.2	801.4	811.1	819.1	829.0	838.5
Per capita personal income (dollars)	**9,916**	**10,969**	**11,423**	**12,345**	**13,301**	**14,195**	**13,107**	**13,805**	**14,568**	**15,306**	**16,303**	**17,540**
Derivation of total personal income:												
Total earnings by place of work	1,779,117	2,022,505	2,127,525	2,329,613	2,555,506	2,758,342	7,990,132	8,472,340	9,059,142	9,657,397	10,509,573	11,463,318
Less: Personal contributions for social insurance[3]	106,438	120,119	133,457	145,890	159,196	179,144	490,933	522,749	564,009	603,297	656,558	745,804
Plus: Adjustment for residence	−141,653	−162,501	−171,335	−188,381	−201,708	−212,774	6,916	6,665	8,458	9,301	10,006	11,934
Equals: Net earnings by place of residence	1,531,026	1,739,885	1,822,733	1,995,342	2,194,602	2,366,424	7,506,115	7,956,256	8,503,591	9,063,401	9,863,021	10,729,448
Plus: Dividends, interest, and rent[5]	262,349	296,926	320,732	346,072	366,543	404,494	1,441,531	1,608,707	1,709,776	1,787,051	1,884,879	2,087,438
Plus: Transfer payments	282,431	289,347	313,012	336,699	353,999	382,425	1,448,654	1,498,920	1,602,482	1,686,509	1,767,151	1,889,353
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,479,800	1,669,204	1,765,676	1,925,335	2,116,571	2,284,785	6,837,696	7,226,142	7,704,316	8,167,676	8,897,918	9,709,841
Other labor income	150,492	161,884	163,345	180,258	196,642	211,053	567,454	605,119	609,979	682,351	738,974	824,927
Proprietors' income[6]	148,825	191,417	198,504	224,020	242,293	262,504	584,982	641,079	744,847	807,370	872,681	928,550
Farm	17,598	37,352	34,990	45,115	40,560	45,543	37,044	17,486	20,689	29,483	16,301	14,505
Nonfarm	131,227	154,065	163,514	178,905	201,733	216,961	547,938	623,593	724,158	777,887	856,380	914,045
Earnings by industry:												
Farm	20,238	39,952	37,534	47,600	43,137	48,101	74,023	54,443	57,236	66,295	54,675	53,333
Nonfarm	1,758,879	1,982,553	2,089,991	2,282,013	2,512,369	2,710,241	7,916,109	8,417,897	9,001,906	9,591,102	10,454,898	11,409,985
Private	1,579,709	1,785,137	1,870,955	2,042,144	2,249,394	2,421,114	5,176,311	5,504,489	5,903,965	6,430,780	7,168,191	7,938,046
Agricultural services, forestry, fisheries, and other[7]	3,510	3,625	3,875	3,956	6,588	7,812	28,532	33,075	35,070	40,282	44,414	54,776
Agricultural services	3,130	3,338	3,633	3,788	6,402	7,611	23,224	28,709	28,168	31,490	35,107	(D)
Forestry, fisheries, and other[7]	380	287	242	168	186	201	5,308	4,366	6,902	8,792	9,307	(D)
Mining	2,622	2,960	4,204	1,682	2,021	2,103	11,163	12,153	17,463	4,919	8,376	8,279
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	11,164	12,168	17,481	4,917	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)
Construction	73,341	85,825	93,966	103,878	118,428	125,580	520,003	487,578	530,958	610,121	696,903	806,217
Manufacturing	920,766	1,040,327	1,078,887	1,175,520	1,288,538	1,370,366	372,249	363,151	396,910	416,759	440,837	470,680
Nondurable goods	386,846	410,370	427,343	460,663	500,191	549,229	285,507	279,684	302,772	314,874	333,970	348,041
Food and kindred products	23,447	24,559*	26,148	28,901	31,720	34,581	111,600	111,116	106,473	118,669	123,001	136,603
Textile mill products	231,443	224,123*	222,666*	247,900*	290,488*	321,655*	(D)	3,651	(D)	(D)	(D)	(D)
Apparel and other textile products	43,092	47,673	51,216	54,307	32,688	36,080	27,555	28,612	33,518	37,392	37,663	40,078
Paper and allied products	(D)	(D)	(D)	(D)	(D)	37,954*	5,234	5,242	5,625	6,311	6,726	(D)
Printing and publishing	23,722*	29,297*	33,721*	35,866*	39,209*	37,670*	104,757	96,626	118,744	113,780	125,104	119,415
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	9,020	9,447	8,939	8,788	9,224	10,205
Petroleum and coal products	489	491	503	648	0	0	20,963	20,613	21,529	21,493	23,711	25,265
Tobacco manufactures	0	0	0	0	0	0	(L)	(D)	(L)	156	183	194
Rubber and misc. plastic products	13,714*	15,694*	(D)	20,245*	(D)	34,500*	(D)	3,094	2,834	3,052	3,194	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	921
Durable goods	533,920	629,957	651,544	714,857	788,347	821,137	86,742	83,467	94,138	101,885	106,867	122,639
Lumber and wood products	30,351	35,440	37,148	42,779	48,911	51,916	4,521	4,090	(D)	6,087	6,312	6,904
Furniture and fixtures	343,453	389,016	393,111	430,920	490,240	508,403	(D)	7,259	8,401	9,057	12,576	13,771
Primary metal industries	(D)	61,882	67,198*	76,191*	74,591*	82,869*	914	(D)	840	950	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	28,914	33,118*	34,792*	16,547	16,470	14,808	17,933	18,634	17,277
Machinery, except electrical	10,879*	(D)	(D)	14,182*	16,390*	18,710	3,015	4,534	3,473	3,573	(D)	5,982
Electric and electronic equipment	55,398*	70,410*	74,756*	80,367*	87,285*	83,225*	(D)	597	728	2,436	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	11,866	(D)	(D)	16,169	15,945	18,698
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	9,254*	15,498*	19,933*	19,223*	15,114	14,481*	30,638	26,968	32,047	32,277	32,952	39,892
Instruments and related products	(D)	(D)	882*	(D)	(D)	644*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	4,357*	3,559*	3,139*	2,039*	(D)	9,143	11,587	11,261	11,524	12,151	13,918
Transportation and public utilities	85,707	97,246	96,945	107,606	117,240	124,910	670,909	722,379	750,995	821,775	931,065	1,013,952
Railroad transportation	1,671	1,518*	2,425*	2,356*	2,345*	(D)	0	0	0	0	0	0
Trucking and warehousing	46,620	55,266	55,030	59,182	66,071	72,613	51,708	59,029	63,193	69,405	72,555	79,802
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	61,091	61,877	63,718	63,066	78,435	85,580
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	319,847	347,269	354,457	404,900	471,390	518,280
Communication	(D)	(D)	16,645	17,397	17,135	17,084	179,841	191,592	197,006	203,926	225,171	239,827
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	58,422	62,612	72,621	80,478	83,514	90,463
Wholesale trade	90,534	107,319	117,037	125,305	134,006	146,615	334,603	361,835	392,673	410,891	448,903	494,175
Retail trade	166,953	185,179	194,262	211,649	231,855	253,118	876,215	940,831	986,418	1,035,726	1,149,705	1,276,883
Finance, insurance, and real estate	31,535	34,523	35,888	38,608	45,478	50,888	581,621	600,436	641,199	722,539	798,191	876,520
Banking and credit agencies	17,088*	18,222*	19,401*	20,941*	24,415*	27,214*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	12,953*	14,180*	14,533*	15,864*	18,952*	21,338*	(D)	(D)	(D)	(D)	(D)	(D)
Services	204,741	228,133	245,891	273,940	305,240	339,722	1,781,016	1,983,051	2,152,279	2,367,768	2,649,797	2,936,564
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	5,468*	272,886	295,013	312,297	331,750	381,693	415,800
Personal services	16,871	18,121	20,011*	21,681*	25,503	27,465	67,029	73,881	87,310	93,937	101,243	109,865
Private households	4,829	5,424	5,516	5,544	5,624	5,733	17,335	19,538	19,817	19,904	20,286	20,754
Business services	23,673	29,951	31,241	35,388	39,896	42,704	282,801	321,034	357,844	396,366	438,646	479,399
Auto repair, services, and garages	16,955	19,832	20,769	21,895	22,183	25,272	75,819	82,050	81,085	85,802	94,117	96,603
Miscellaneous repair services	9,442	10,455	8,199	10,866	11,798	13,790	27,060	29,828	27,164	30,270	33,889	41,553
Amusement and recreation services	3,670*	4,341*	5,400*	5,996	6,296	5,941	56,796	64,619	68,485	75,949	81,720	87,602
Motion pictures	470	607	538	448	(D)	(D)	13,152	18,189	16,478	17,957	16,900	15,205
Health services	82,604*	86,531*	93,477*	102,466*	119,182*	140,561	464,124	511,966	558,770	608,578	700,130	801,566
Legal services	9,346	11,884	12,621	14,684	16,144	17,355	140,455	174,287	194,455	211,663	242,634	274,638
Educational services	(D)	(D)	(D)	(D)	10,363	(D)	81,577	92,670	98,499	109,335	117,610	139,862
Social services	3,314	3,741	5,235	(D)	(D)	(D)	38,204	41,962	47,320	51,730	57,924	61,531
Museums, botanical, zoological gardens	0	0	0	0	0	0	4,566	4,831	5,162	5,397	6,053	7,002
Membership organizations	(D)	9,745	9,447	9,649	9,841	10,386	79,166	82,649	90,999	97,047	101,892	100,102
Miscellaneous services	9,861	12,868	14,642	17,260	18,723	21,819	160,046	170,534	186,594	232,083	255,060	285,082
Government and government enterprises	179,170	197,416	219,036	239,869	262,975	289,127	2,739,798	2,913,408	3,097,941	3,160,322	3,286,707	3,471,939
Federal, civilian	12,890	13,663	14,711	15,062	15,512	17,220	832,003	888,387	931,611	913,289	951,516	1,000,437
Military	3,414	3,533	3,914	4,253	4,586	4,763	1,076,107	1,156,991	1,253,020	1,271,512	1,305,184	1,330,512
State and local	162,866	180,220	200,411	220,554	242,877	267,144	831,688	868,030	913,310	975,521	1,030,007	1,140,990

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Houma—Thibodaux, LA (MSA)						Houston, TX (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,983,291**	**2,039,138**	**2,076,034**	**1,975,811**	**1,956,883**	**2,062,763**	**44,400,923**	**46,885,564**	**48,813,398**	**48,186,280**	**48,976,858**	**52,575,751**
Nonfarm personal income	1,974,050	2,033,800	2,070,027	1,968,531	1,942,856	2,041,589	44,330,128	46,791,494	48,722,290	48,109,155	48,888,856	52,478,029
Farm income[1]	9,241	5,338	6,007	7,280	14,027	21,174	70,795	94,070	91,108	77,125	88,002	97,722
Population (thousands)[2]	189.6	189.0	189.1	187.9	184.1	183.1	3,173.0	3,192.1	3,204.6	3,257.4	3,228.7	3,247.0
Per capita personal income (dollars)	**10,462**	**10,786**	**10,980**	**10,515**	**10,630**	**11,264**	**13,993**	**14,688**	**15,232**	**14,793**	**15,169**	**16,192**
Derivation of total personal income:												
Total earnings by place of work	1,408,095	1,437,178	1,445,070	1,285,364	1,249,511	1,337,060	39,037,055	40,938,770	42,092,674	40,661,766	40,807,089	44,083,309
Less: Personal contributions for social insurance[3]	75,689	78,780	83,597	79,997	76,894	86,170	2,085,407	2,186,093	2,372,577	2,316,989	2,309,030	2,594,330
Plus: Adjustment for residence	129,649	141,823	140,450	142,489	148,496	146,982	−1,450,091	−1,522,245	−1,456,764	−1,361,123	−1,306,264	−1,476,369
Equals: Net earnings by place of residence	1,462,055	1,500,221	1,501,923	1,347,856	1,321,113	1,397,872	35,501,557	37,230,432	38,263,333	36,983,654	37,191,795	40,012,610
Plus: Dividends, interest, and rent[5]	274,699	291,658	299,957	300,296	303,486	324,740	5,540,684	6,225,177	6,859,341	7,010,581	7,335,741	7,898,746
Plus: Transfer payments	246,537	247,259	274,154	327,659	332,284	340,151	3,358,682	3,429,955	3,690,724	4,192,045	4,449,322	4,664,395
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,151,955	1,184,590	1,181,850	1,021,428	985,382	1,051,038	32,440,606	33,890,852	34,872,495	33,408,071	33,404,164	36,209,638
Other labor income	118,787	116,350	111,771	97,598	95,580	103,382	3,555,145	3,508,008	3,363,257	3,314,729	3,326,741	3,589,183
Proprietors' income[6]	137,353	136,238	151,449	166,338	168,549	182,640	3,041,304	3,539,910	3,856,922	3,938,966	4,076,184	4,284,488
Farm	3,104	−549	96	1,376	7,773	14,848	54,155	77,676	75,081	61,424	71,568	81,437
Nonfarm	134,249	136,787	151,353	164,962	160,776	167,792	2,987,149	3,462,234	3,781,841	3,877,542	4,004,616	4,203,051
Earnings by industry:												
Farm	9,241	5,338	6,007	7,280	14,027	21,174	70,795	94,070	91,108	77,125	88,002	97,722
Nonfarm	1,398,854	1,431,840	1,439,063	1,278,084	1,235,484	1,315,886	38,966,260	40,844,700	42,001,566	40,584,641	40,719,087	43,985,587
Private	1,222,648	1,251,021	1,249,537	1,090,516	1,050,898	1,130,932	35,483,190	37,087,086	37,794,337	36,303,421	36,285,742	39,318,666
Agricultural services, forestry, fisheries, and other[7]	19,375	11,160	21,492	25,240	18,510	20,200	133,288	140,755	137,473	128,632*	140,678*	156,939
Agricultural services	1,894	1,547	1,512	1,432	(D)	(D)	123,606	132,495	129,054	118,859*	132,303*	147,641
Forestry, fisheries, and other[7]	17,481	9,613	19,980	23,808	(D)	(D)	9,682	8,260	8,419	9,784	8,382	9,298
Mining	268,838	277,496	293,985	228,559	205,940	214,762	4,169,627	4,348,768	4,369,321	3,686,207*	3,230,946*	3,583,982
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	26,547	22,629	10,894	11,083
Oil and gas extraction	264,227	(D)	(D)	(D)	(D)	210,638	4,012,693*	4,174,763*	4,194,058*	3,546,191*	3,115,788*	3,541,019
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	5,680*	5,331*
Nonmetallic minerals, except fuels	4,608	(D)	(D)	(D)	(D)	4,120	(D)	(D)	23,893*	30,458*	26,914*	24,972*
Construction	101,787	108,610	99,114	68,702	65,257	75,812	4,217,885	4,111,120	3,646,431	3,324,517	3,095,069	3,375,277
Manufacturing	138,882	128,154	118,854	102,122	97,337	111,071	5,598,046	5,647,972	5,683,331	5,290,658	5,227,390	5,744,699
Nondurable goods	33,364	34,707	35,084	36,341	35,746	34,863	2,772,389	2,797,290	2,858,758	2,876,040	2,911,936	2,988,311
Food and kindred products	24,325	25,321	26,084	25,240	23,422	22,548	341,311*	359,634*	370,515*	388,875*	397,874*	399,219*
Textile mill products	0	0	0	0	0	0	1,860	2,544	2,041	1,515	1,166	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	18,603*	20,862*	19,439*	18,522*	19,523*	21,921*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	117,314*	122,547*	125,188*	130,495*	122,030*	126,604*
Printing and publishing	4,483	(D)	(D)	(D)	(D)	4,055	359,424	377,947	407,379	396,528	403,177	405,725*
Chemicals and allied products	(D)	(D)	(D)	1,609	2,047	(D)	902,301*	931,831	1,008,958*	1,107,511*	1,165,163*	1,318,309*
Petroleum and coal products	0	0	0	(D)	0	(D)	865,803*	824,819*	778,048*	673,317*	631,062	530,183*
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)	139,106*	152,969*	141,103*	137,361*	156,957*	168,885*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	1,294*	(D)
Durable goods	105,518	93,447	83,770	65,781	61,591	76,208	2,825,657	2,850,682	2,824,573	2,414,618	2,315,454	2,756,388
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	69,500*	70,196*	69,045	67,335	69,763	75,370*
Furniture and fixtures	(D)	0	0	0	0	(D)	27,556*	30,360*	30,930*	30,366*	27,810	30,229
Primary metal industries	(D)	(D)	(D)	0	0	0	187,450*	175,411*	121,937*	86,234*	86,702*	100,384*
Fabricated metal products	(D)	(D)	(D)	9,245	8,269	12,133*	631,258*	617,044*	628,797*	566,074*	559,744	622,638
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	1,177,532*	1,192,945*	1,225,454	967,399*	933,625	1,232,573
Electric and electronic equipment	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	43,711	42,981	42,959	31,733	31,338	34,901	80,882*	79,170*	(D)	82,688*	72,631*	84,502*
Motor vehicles and equipment	0	0	0	0	0	0	20,103*	23,831*	26,015*	23,860*	25,734	27,595*
Stone, clay, and glass products	735	(D)	(D)	(D)	(D)	(D)	173,728	174,059	168,959	151,987	141,266	150,958*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	134,767*	155,455*	166,796*	139,333*	123,306*	132,508*
Miscellaneous manufacturing industries	93	85	100	(L)	(L)	(D)	62,267	77,597	72,057	70,343	76,163	80,133*
Transportation and public utilities	164,356	164,975	170,422	143,162	135,146	151,447	3,131,818	3,180,027	3,345,058	3,183,635	3,225,313	3,481,644
Railroad transportation	2,984	2,585	1,876	1,378	945	481	147,093	160,707	154,411	156,496	164,055	163,025
Trucking and warehousing	(D)	(D)	16,821	15,233	13,558	14,322	540,033	598,387	599,541	590,369*	643,042	682,010*
Water transportation	88,815	86,011	91,770	67,408	63,829	82,070	280,378*	283,634*	275,339*	232,668*	237,891*	269,060*
Other transportation[8]	16,996	17,832	17,475	16,762	17,115	16,082	656,720*	615,912*	680,751*	716,897*	797,399*	865,995*
Communication	(D)	(D)	21,708	19,197	19,166	18,127	655,126*	609,421*	687,525*	610,192*	688,373*	671,640*
Electric, gas, and sanitary services	18,021	20,460	20,772	23,184	20,533	20,365	840,614	902,904	896,116*	815,590*	640,119*	763,518*
Wholesale trade	83,325	88,754	79,602	64,974	62,178	66,165	3,553,523	3,680,580	3,819,367	3,660,485	3,544,377	3,874,917
Retail trade	159,344	160,405	163,014	147,074	144,509	149,968	3,531,940	3,758,824	3,820,089	3,668,941	3,610,765	3,760,082
Finance, insurance, and real estate	44,670	47,910	50,760	50,479	46,457	46,240	2,876,903	3,106,766	3,219,321	3,316,373	3,354,911	3,370,057
Banking and credit agencies	27,081	27,292	28,240	28,520	26,272	25,402	898,030	979,578	1,047,318*	1,057,809*	1,031,797	980,270
Other finance, insurance, and real estate[9]	17,589	20,618	22,520	21,959	20,185	20,838	1,978,873	2,127,188	2,166,859*	2,253,007*	2,323,114	2,389,787
Services	242,071	263,557	252,294	260,204	275,564	295,267	8,270,160	9,112,274	9,753,946	10,037,378	10,850,643	11,971,069
Hotels and other lodging places	4,396	(D)	4,492	(D)	2,878	2,831	259,129*	259,397*	254,334*	218,831*	219,363*	223,357*
Personal services	9,884	10,189	12,276	13,602	13,758	14,449	349,114	364,754	414,908	421,418	435,162	469,217
Private households	7,661	8,528	8,569	8,534	8,452	8,426	157,554	177,614	181,080	183,186	184,519	186,379
Business services	79,825	84,775	75,269	68,865	64,670	73,423	2,053,937	2,299,200	2,545,532	2,484,647	2,678,703	3,003,545
Auto repair, services, and garages	9,633	10,456	10,696	11,273	11,162	11,601	272,837	307,191	325,374	329,826	337,616	363,753
Miscellaneous repair services	15,985	17,884	14,500	13,395	12,035	13,770	152,553	170,211	165,592	159,721	164,590	193,435
Amusement and recreation services	2,354	2,808	3,107	2,894	2,913	4,432	153,390*	174,078*	193,149*	198,459*	214,227*	235,728*
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	20,659*	22,409*	20,057	18,789	22,280	26,103*
Health services	60,249	64,719	64,148	71,657	84,297	90,936	2,083,622	2,218,938	2,321,630	2,469,031	2,808,713	3,093,214
Legal services	16,802	21,896	23,059	28,082	36,268	34,214	808,311	957,773	1,086,397	1,261,621	1,381,617	1,549,930
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	241,512	276,109	303,151	328,296	379,479	428,201
Social services	3,649	3,389	3,965	4,384	4,588	4,737	100,908	115,406	134,576	138,036	151,027	165,465
Museums, botanical, zoological gardens	0	0	0	0	0	0	5,077	5,743	6,432	8,128*	8,848*	9,539*
Membership organizations	8,816	9,587	9,130	9,511	10,072	10,949	221,741*	237,871	257,054	269,159	275,286	300,448
Miscellaneous services	18,381	19,955	18,355	18,853	19,492	20,114	1,387,532	1,525,374	1,544,326	1,538,050	1,575,661	1,707,341
Government and government enterprises	176,206	180,819	189,526	187,568	184,586	184,954	3,483,070	3,757,614	4,207,229	4,281,220	4,433,345	4,666,921
Federal, civilian	10,184	10,731	11,925	11,516	12,061	13,243	653,198	707,071	766,337	750,819	798,963	866,626
Military	4,321	4,451	4,904	5,231	6,332	6,615	72,509	78,160	87,209	92,599	99,879	102,716
State and local	161,701	165,637	172,697	170,821	166,193	165,096	2,757,363	2,972,383	3,353,683	3,437,802	3,534,503	3,697,579

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Huntington—Ashland, WV—KY—OH (MSA)						Huntsville, AL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,047,422**	**3,227,195**	**3,356,458**	**3,461,998**	**3,635,980**	**3,855,786**	**2,372,699**	**2,645,797**	**2,924,865**	**3,197,995**	**3,540,921**	**3,865,598**
Nonfarm personal income	3,039,702	3,210,880	3,345,911	3,452,108	3,626,225	3,845,504	2,368,832	2,631,615	2,910,541	3,189,923	3,530,015	3,849,678
Farm income[1]	7,720	16,315	10,547	9,890	9,755	10,282	3,867	14,182	14,324	8,072	10,906	15,920
Population (thousands)[2]	335.6	334.6	331.4	327.0	324.4	322.3	214.1	220.3	228.0	225.1	231.1	236.7
Per capita personal income (dollars)	**9,080**	**9,644**	**10,127**	**10,587**	**11,210**	**11,962**	**11,083**	**12,008**	**12,830**	**14,207**	**15,320**	**16,330**
Derivation of total personal income:												
Total earnings by place of work	2,088,302	2,193,597	2,257,936	2,332,659	2,473,879	2,667,575	2,178,346	2,477,284	2,740,775	3,004,825	3,345,074	3,645,192
Less: Personal contributions for social insurance[3]	118,745	126,346	138,400	145,593	153,644	175,733	129,563	147,922	168,827	181,508	199,572	223,062
Plus: Adjustment for residence	−13,571	13,372	13,795	2,012	1,142	−33,086	−303,662	−361,357	−392,067	−432,554	−488,564	−519,262
Equals: Net earnings by place of residence	1,955,986	2,080,623	2,133,331	2,189,078	2,321,377	2,458,756	1,745,121	1,968,005	2,179,881	2,390,763	2,656,938	2,902,868
Plus: Dividends, interest, and rent[4]	425,870	465,179	484,837	501,505	510,856	551,522	265,291	303,671	335,110	366,267	414,518	452,123
Plus: Transfer payments	665,566	681,393	738,290	771,415	803,747	845,508	362,287	374,121	409,874	440,965	469,465	510,607
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,711,221	1,788,687	1,853,101	1,903,244	2,011,478	2,168,569	1,901,462	2,156,790	2,397,136	2,616,250	2,905,682	3,160,788
Other labor income	217,783	218,817	215,852	221,226	239,931	262,904	169,492	187,973	200,860	221,664	252,646	283,745
Proprietors' income[5]	159,298	186,093	188,983	208,189	222,470	236,102	107,392	132,521	142,779	166,911	186,746	200,659
Farm	5,271	13,903	8,192	7,561	7,326	7,862	174	10,563	10,718	4,501	7,149	12,147
Nonfarm	154,027	172,190	180,791	200,628	215,144	228,240	107,218	121,958	132,061	162,410	179,597	188,512
Earnings by industry:												
Farm	7,720	16,315	10,547	9,890	9,755	10,282	3,867	14,182	14,324	8,072	10,906	15,920
Nonfarm	2,080,582	2,177,282	2,247,389	2,322,769	2,464,124	2,657,293	2,174,479	2,463,102	2,726,451	2,996,753	3,334,168	3,629,272
Private	1,764,828	1,844,860	1,896,626	1,956,614	2,074,594	2,277,062	1,439,626	1,662,965	1,865,847	2,128,274	2,401,327	2,661,481
Agricultural services, forestry, fisheries, and other[7]	8,094	7,407	6,247	5,903	6,436	7,755	6,224	6,260	4,234	3,836	5,333	6,120
Agricultural services	(D)	7,063	6,036	(D)	6,347	7,664	6,161	6,220	4,109	3,759	5,269	6,071
Forestry, fisheries, and other[7]	411*	344	211	(D)	89	91	63	(L)	125	77	64	(L)
Mining	38,801	38,831	40,922	34,461	44,187	51,120	2,104	2,450	3,609	2,256	2,118	3,512
Coal mining	26,629*	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	6,351	(D)	(D)	(D)	(D)	921	949	959
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(L)	(L)	(L)	(L)	53	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	2,223*	(D)	(D)	(D)	(D)	1,336	1,116	2,512
Construction	140,435	110,688	117,736	110,706	128,056	142,644	68,819	90,546	102,114	120,978	142,629	143,435
Manufacturing	594,561	637,201	629,869	640,990	675,217	735,340	650,021	757,165	819,614	875,005	942,014	1,057,774
Nondurable goods	225,774	226,527	237,986	243,873	269,173	303,460	114,841	121,937	127,279	128,250	131,146	141,881
Food and kindred products	14,789*	14,488*	(D)	(D)	(D)	(D)	16,959	19,296	20,831	21,844	22,886	21,914
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)	7,694	9,917	7,161	3,414	3,898
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,091	5,780	(D)	7,024	7,733	8,330
Printing and publishing	(D)	(D)	(D)	15,675*	(D)	(D)	9,733	10,673	11,159	12,793	14,273	15,251
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,446
Petroleum and coal products	124,284*	120,765*	127,979	131,686	151,964	183,165	578	571	638	748	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	169	191	183	204	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	48,839	50,862	55,660	59,935	73,915
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)
Durable goods	368,787	410,674	391,883	397,117	406,044	431,880	535,180	635,228	692,335	746,755	810,868	915,893
Lumber and wood products	4,911*	5,937	(D)	(D)	(D)	(D)	4,529	4,386	4,067	4,299	(D)	5,287
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	609	682
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	9,796	10,132	10,970	11,435	13,068	15,313
Fabricated metal products	9,696*	10,158	10,108	11,011	(D)	12,118	29,282	34,290	35,574	33,148	34,618	36,303
Machinery, except electrical	(D)	(D)	(D)	(D)	21,804*	24,634*	71,864	98,074	128,965	148,868	175,727	247,028
Electric and electronic equipment	(D)	4,117*	5,475*	5,943*	4,926	(D)	224,435	270,623	270,671	278,997	275,177	268,151
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	162,752	182,166	198,141	221,741	249,453	281,880
Motor vehicles and equipment	(D)	(D)	1,582	1,419	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,660
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	19,657	21,647	27,463	28,364	30,988	33,726
Instruments and related products	(D)	(D)	8,745	9,111	8,348	7,598	4,693	6,028	8,202	11,141	17,225	17,379
Miscellaneous manufacturing industries	(D)	408*	(D)	(D)	(D)	(D)	285	458	449	395	426	484
Transportation and public utilities	262,921	285,342	286,099	281,210	285,221	311,067	55,526	61,448	64,878	75,748	86,288	86,209
Railroad transportation	117,821*	141,020	140,350	133,620	130,381	148,211	(D)	553	608	627	728	793
Trucking and warehousing	33,089	38,419	36,979	37,920	42,598	47,948	10,995	13,708	13,301	16,591	17,725	18,304
Water transportation	(D)	(D)	20,553*	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	7,717	(D)	(D)	(D)	(D)	(D)
Communication	(D)	30,810*	(D)	(D)	(D)	(D)	35,777	34,797	36,085	41,675	47,974	50,788
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	43,007*	45,826*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	118,570	124,477	132,911	131,383	139,311	144,676	75,557	90,396	100,332	107,634	117,977	137,023
Retail trade	212,955	222,366	227,911	238,364	246,850	258,219	155,304	176,147	197,193	218,019	238,955	253,846
Finance, insurance, and real estate	71,423	73,564	80,059	92,365	88,139	86,249	49,948	54,604	62,594	73,038	81,190	85,398
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	20,578	22,770	25,509	28,306	30,689	33,280
Other finance, insurance, and real estate[9]	33,230*	(D)	(D)	46,315*	(D)	(D)	29,370	31,834	37,085	44,732	50,501	52,118
Services	317,068	344,984	374,872	421,232	461,177	539,992	376,123	423,949	511,279	651,760	784,823	888,164
Hotels and other lodging places	6,863*	6,805*	(D)	(D)	7,971*	7,855*	9,002	9,613	11,809	16,326	17,420	16,923
Personal services	22,754	23,462	27,609	30,876	34,164	38,457	11,292	12,616	16,563	18,951	21,735	23,479
Private households	7,631	8,414	8,371	8,269	8,235	8,237	9,242	10,296	10,367	10,374	10,474	10,592
Business services	25,372	28,189	31,525	35,522	35,096	42,470	142,678	158,728	212,433	301,699	367,316	404,425
Auto repair, services, and garages	13,516	16,536	18,926	21,877	22,397	24,850	11,086	13,645	15,699	17,564	19,466	21,838
Miscellaneous repair services	7,407*	8,291*	7,396	9,245	9,314	12,047	4,838	5,828	6,014	7,212	7,660	9,126
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	2,882	3,507	4,209	4,756	5,353	5,533
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,133	968	1,422	2,211	2,735	3,006
Health services	152,087	162,821	179,528	195,685	226,443	284,945	89,436	98,786	107,506	117,967	145,774	168,473
Legal services	21,043	24,727	25,535	29,973	30,783	34,217	10,920	12,644	15,018	18,610	20,940	21,587
Educational services	2,777	3,570	4,057	4,044	3,823	4,233	8,229	9,089	10,010	10,177	11,849	12,401
Social services	(D)	10,979*	12,110*	14,568*	15,328*	12,837*	5,101	5,559	6,041	6,509	6,974	7,958
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	20,180	18,946*	20,595	21,709	22,174	23,616	10,189	11,091	11,732	12,895	13,721	14,796
Miscellaneous services	20,838	23,006	25,178	33,545	36,193	36,540	60,095	71,579	82,456	106,509	133,406	168,027
Government and government enterprises	315,754	332,422	350,763	366,155	389,530	380,231	734,853	800,137	860,604	868,479	932,841	967,791
Federal, civilian	73,280	74,657	75,911	75,613	79,950	85,590	477,514	521,873	547,543	531,209	578,907	589,306
Military	7,345	7,752	8,267	8,837	9,576	9,622	81,353	88,374	96,904	99,190	100,663	98,856
State and local	235,129	250,013	266,585	281,705	300,004	285,019	175,986	189,890	216,157	238,080	253,271	279,629

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Indianapolis, IN (MSA)						Iowa City, IA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**14,339,308**	**15,737,856**	**16,884,836**	**18,042,438**	**19,534,134**	**21,005,689**	**1,012,312**	**1,116,062**	**1,174,020**	**1,258,333**	**1,335,069**	**1,435,755**
Nonfarm personal income	14,329,222	15,644,382	16,792,394	17,965,593	19,454,231	20,948,786	1,015,791	1,095,212	1,156,939	1,228,263	1,307,442	1,422,189
Farm income[1]	10,086	93,474	92,442	76,845	79,903	56,903	−3,479	20,850	17,081	30,070	27,627	13,566
Population (thousands)[2]	1,185.1	1,194.3	1,203.4	1,209.6	1,225.1	1,236.6	84.3	85.3	85.5	85.2	85.6	86.7
Per capita personal income (dollars)	**12,099**	**13,178**	**14,031**	**14,916**	**15,945**	**16,987**	**12,015**	**13,080**	**13,738**	**14,770**	**15,601**	**16,561**
Derivation of total personal income:												
Total earnings by place of work	11,229,017	12,472,877	13,433,839	14,421,263	15,715,664	16,929,327	798,171	879,319	919,712	993,007	1,058,111	1,145,605
Less: Personal contributions for social insurance[3]	623,306	694,162	787,497	853,963	923,549	1,040,813	38,857	41,951	45,799	49,901	52,263	59,068
Plus: Adjustment for residence	−332,493	−366,125	−373,732	−407,705	−457,857	−494,361	−9,101	−5,772	−5,875	−10,242	−8,560	−12,356
Equals: Net earnings by place of residence	10,273,218	11,412,590	12,272,610	13,159,595	14,334,258	15,394,153	750,213	831,596	868,038	932,864	997,288	1,074,181
Plus: Dividends, interest, and rent[5]	2,152,948	2,347,957	2,506,184	2,620,350	2,843,128	3,110,732	161,190	181,568	189,664	201,680	206,759	224,423
Plus: Transfer payments	1,913,142	1,977,309	2,106,042	2,262,493	2,356,748	2,500,804	100,909	102,898	116,318	123,789	131,022	137,151
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,423,636	10,386,901	11,223,389	12,032,389	13,120,712	14,188,419	658,890	698,682	736,726	785,761	839,617	923,737
Other labor income	1,002,068	1,059,957	1,085,211	1,159,393	1,250,577	1,325,012	68,853	72,495	73,188	79,725	87,208	97,511
Proprietors' income[6]	803,313	1,026,019	1,125,239	1,229,481	1,344,375	1,415,896	70,428	108,142	109,798	127,521	131,286	124,357
Farm	−6,806	76,750	76,440	61,528	64,486	42,097	−7,056	17,323	13,784	26,988	24,633	10,773
Nonfarm	810,119	949,269	1,048,799	1,167,953	1,279,889	1,373,799	77,484	90,819	96,014	100,533	106,653	113,584
Earnings by industry:												
Farm	10,086	93,474	92,442	76,845	79,903	56,903	−3,479	20,850	17,081	30,070	27,627	13,566
Nonfarm	11,218,931	12,379,403	13,341,397	14,344,418	15,635,761	16,872,424	801,650	858,469	902,631	962,937	1,030,484	1,132,039
Private	9,556,906	10,590,230	11,415,604	12,296,446	13,443,571	14,516,004	421,439	460,010	473,210	505,491	535,736	588,304
Agricultural services, forestry, fisheries, and other[7]	36,898	37,693	38,310	36,588	55,265	64,846	4,361	4,391	4,659	4,163	6,376	7,687
Agricultural services	34,854*	35,894*	36,635*	35,114*	53,371*	62,682*	4,269	4,289	4,603	4,149	6,355	7,667
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	92	102	56	(L)	(L)	(L)
Mining	47,160	52,043	62,435	39,288	41,058	43,022	2,476	2,627	3,075	2,240	2,381	2,165
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	18,229*	(D)	27,885*	9,563*	8,849*	8,432*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	8,863*	10,056*	12,223*	14,238*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	608,592	696,756	781,446	913,890	1,001,128	1,097,370	42,245	47,374	39,233	42,732	41,955	47,191
Manufacturing	2,977,037	3,323,821	3,441,489	3,491,099	3,666,139	3,786,584	87,765	92,896	92,436	99,125	107,563	119,342
Nondurable goods	958,651	1,005,482	1,047,247	1,081,938	1,217,358	1,246,553*	68,507	70,684	72,042	76,934	81,124	89,070
Food and kindred products	172,773*	150,060*	159,011*	165,052*	166,714*	168,181*	12,398	12,882	11,853	11,864	12,226	12,473
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	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	196,448*	216,394*	233,750*	245,946*	269,199*	287,387*	12,491	13,079	14,163	15,882	17,122	18,895
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	521,684*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	21,967	21,398	21,806	23,374*	25,968*	27,621*	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)	83,974*	81,834*	86,129*	97,823*	111,248*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	2,018,386	2,318,339	2,394,242	2,409,161	2,448,781	2,458,794*	19,258	22,212	20,394	22,191	26,439	30,272
Lumber and wood products	27,354*	32,013*	35,301*	(D)	47,522*	(D)	1,513	1,713	989	1,459	1,657	1,677
Furniture and fixtures	(D)	(D)	(D)	(D)	16,369*	15,197*	(D)	(D)	179	310	330	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	0	0
Fabricated metal products	193,043*	220,191*	230,204*	243,866*	251,633*	268,187*	(D)	240	243	295	(D)	(D)
Machinery, except electrical	302,637*	350,959*	364,341*	362,388*	365,656*	482,556*	(D)	192	223	235	525	468
Electric and electronic equipment	344,678*	314,955*	283,144*	213,323*	215,825*	238,358*	(D)	(D)	(D)	(D)	9,859	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Motor vehicles and equipment	392,652*	485,749*	543,916*	551,660*	547,754*	456,807*	0	0	0	0	0	0
Stone, clay, and glass products	54,632*	63,340*	66,182*	74,117*	77,989*	82,232*	1,254	1,454	1,160	1,390	(D)	(D)
Instruments and related products	61,996*	67,748*	70,530*	87,578*	95,462*	108,144*	351	369	506	624	1,072	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	32,181*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	905,625*	943,934*	1,006,704*	1,091,690*	1,287,699	1,382,178	25,410	29,753	31,810	33,993	34,523	36,065
Railroad transportation	95,070	104,032*	105,869*	103,250*	(D)	(D)	1,715	1,784	1,739	1,672	1,646	1,622
Trucking and warehousing	298,642*	336,996*	395,416	406,901*	476,014	516,172	11,009	13,942	14,622	16,078	16,859	17,592
Water transportation	−95	−97	−57	−79	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	100,591*	111,121*	128,444*	143,961*	155,797*	2,380	2,618	(D)	(D)	(D)	(D)
Communication	(D)	288,846	(D)	(D)	(D)	385,305	6,170	6,828	7,642	8,267	8,416	8,490
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,086	5,201	4,789	5,257
Wholesale trade	846,369	948,828	1,028,538	1,088,866	1,188,643	1,321,316	25,626	26,407	28,203	28,228	33,097	35,714
Retail trade	1,166,185	1,262,342	1,345,087	1,459,628	1,590,536	1,692,279	73,302	77,353	79,159	81,701	85,476	92,158
Finance, insurance, and real estate	823,629	878,574	949,852	1,062,107	1,214,668	1,328,076	22,385	24,033	26,263	28,925	31,437	31,747
Banking and credit agencies	197,366*	227,763*	250,980*	289,236*	322,492*	343,129*	10,925	11,924	12,384	12,738	13,602	14,113
Other finance, insurance, and real estate[9]	583,271*	638,481*	686,754*	766,390*	872,010*	963,845*	11,460	12,109	13,879	16,187	17,835	17,634
Services	2,026,641*	2,319,418*	2,622,997*	2,961,208*	3,398,435	3,800,333	137,869	155,176	168,372	184,384	192,928	216,235
Hotels and other lodging places	49,552*	57,054*	65,363*	73,090*	84,341*	90,304*	3,752	4,617	5,437	5,302	5,385	5,473
Personal services	107,833	116,754	147,551	150,909*	164,815*	189,341	7,704	8,876	11,230	12,677	13,289	15,023
Private households	28,559	30,685*	30,761*	30,591*	30,779*	31,123*	1,406	1,557	1,542	1,518	1,511	1,528
Business services	313,941	385,400	469,914	555,220	628,525	713,848	17,853	31,958	35,777	41,150	41,608	49,617
Auto repair, services, and garages	88,208	101,796	116,402	128,000	140,250	152,789	4,116	4,920	5,514	6,453	6,674	7,521
Miscellaneous repair services	41,062	50,421	51,324	58,457	57,790	65,056	2,548	2,814	2,390	2,837	2,599	3,078
Amusement and recreation services	41,332	57,296	66,655	78,520	89,853	105,587	922	1,429	1,367	(D)	(D)	(D)
Motion pictures	8,610*	(D)	(D)	(D)	11,238*	12,797*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	788,557	858,066	954,083	1,042,782	1,209,824	1,353,486	53,031	56,599	59,242	61,695	66,928	73,685
Legal services	171,068	210,865	230,621	264,943	284,462	317,839	6,777	8,087	7,916	8,914	8,898	9,932
Educational services	61,261	68,764	75,636	84,447	93,155	99,838	(D)	2,127	2,362	2,252	2,499	2,668
Social services	65,972*	72,651*	80,138	87,456	97,903	107,144	4,552	4,802	5,425	6,041	6,650	7,567
Museums, botanical, zoological gardens	4,896*	5,328*	(D)	(D)	7,055*	8,342*	0	(D)	(D)	0	0	0
Membership organizations	123,335	130,943	135,804	142,283	152,745	165,926	4,396	4,597	4,752	4,829	4,934	5,124
Miscellaneous services	172,558	207,559	233,909	299,138	333,239	381,550	28,742	22,490	25,091	28,868	30,146	33,202
Government and government enterprises	1,662,025	1,789,173	1,925,793	2,047,972	2,192,190	2,356,420	380,211	398,459	429,421	457,446	494,748	543,735
Federal, civilian	448,642	476,776	519,454	531,821	564,433	606,346	31,553	34,350	36,179	37,018	40,927	44,148
Military	93,440	103,535	113,458	123,657	129,115	124,438	2,392	2,303	2,541	2,861	3,161	2,885
State and local	1,119,943	1,208,862	1,292,881	1,392,494	1,498,642	1,625,636	346,266	361,806	390,701	417,567	450,660	496,702

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Jackson, MI (MSA)						Jackson, MS (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,587,548**	**1,675,771**	**1,746,755**	**1,869,066**	**2,031,380**	**2,138,814**	**3,910,078**	**4,203,487**	**4,462,544**	**4,686,269**	**5,018,501**	**5,377,222**
Nonfarm personal income	1,590,080	1,670,252	1,740,364	1,861,039	2,018,237	2,128,128	3,890,386	4,159,763	4,435,739	4,653,988	4,984,079	5,334,380
Farm income[1]	−2,532	5,519	6,391	8,027	13,143	10,686	19,692	43,724	26,805	32,281	34,422	42,842
Population (thousands)[2]	146.6	144.2	143.4	145.7	148.4	149.5	374.6	379.6	388.3	392.4	394.4	396.2
Per capita personal income (dollars)	**10,829**	**11,622**	**12,183**	**12,830**	**13,685**	**14,311**	**10,439**	**11,074**	**11,491**	**11,942**	**12,725**	**13,572**
Derivation of total personal income:												
Total earnings by place of work	1,035,461	1,090,217	1,120,606	1,186,296	1,315,310	1,384,897	3,042,097	3,329,620	3,516,836	3,722,830	3,963,910	4,239,243
Less: Personal contributions for social insurance[3]	64,006	67,576	73,046	75,052	83,872	93,131	168,805	184,457	205,026	226,711	237,674	262,587
Plus: Adjustment for residence	90,586	100,816	114,259	128,627	132,709	143,237	−60,478	−80,172	−89,216	−107,211	−118,035	−123,790
Equals: Net earnings by place of residence	1,062,041	1,123,457	1,161,819	1,239,871	1,364,147	1,435,003	2,812,814	3,064,991	3,222,594	3,388,908	3,608,201	3,852,866
Plus: Dividends, interest, and rent[5]	243,904	271,083	284,379	301,694	321,845	352,369	523,023	554,270	606,305	628,216	690,512	752,128
Plus: Transfer payments	281,603	281,231	300,557	327,501	345,388	351,442	574,241	584,226	633,645	669,145	719,788	772,228
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	872,092	913,013	941,137	991,432	1,095,892	1,155,567	2,504,719	2,722,315	2,903,653	3,045,751	3,240,052	3,461,749
Other labor income	107,161	106,693	103,228	108,341	120,396	127,287	246,440	262,935	267,473	286,069	304,006	324,163
Proprietors' income[6]	56,208	70,511	76,241	86,523	99,022	102,043	290,938	344,370	345,710	391,010	419,852	453,331
Farm	−5,571	2,525	3,458	5,151	10,121	7,662	10,242	34,446	17,616	23,167	24,804	33,170
Nonfarm	61,779	67,986	72,783	81,372	88,901	94,381	280,696	309,924	328,094	367,843	395,048	420,161
Earnings by industry:												
Farm	−2,532	5,519	6,391	8,027	13,143	10,686	19,692	43,724	26,805	32,281	34,422	42,842
Nonfarm	1,037,993	1,084,698	1,114,215	1,178,269	1,302,167	1,374,211	3,022,405	3,285,896	3,490,031	3,690,549	3,929,488	4,196,401
Private	890,537	929,213	949,326	997,939	1,110,026	1,171,787	2,409,466	2,626,401	2,784,465	2,952,537	3,151,640	3,345,732
Agricultural services, forestry, fisheries, and other[7]	2,204	2,205	2,184	2,130	3,371	3,664	22,633	17,884	11,124	5,762	(D)	9,345
Agricultural services	2,109	2,118	2,123	2,089	3,326	3,618	5,012	5,361	5,375	5,536	(D)	7,901
Forestry, fisheries, and other[7]	95	87	61	(L)	(L)	(L)	17,621	12,523	5,749	226	2,180	1,444
Mining	12,637	11,993	12,355	9,761	9,338	10,907	63,627	64,378	64,321	48,216	(D)	31,868
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	63,573	64,303	64,264	47,260*	(D)	31,815
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	52	71	52	(D)	50	50
Construction	28,915	33,771	39,306	47,500	49,903	54,996	148,919	186,863	195,723	208,967	216,055	225,314
Manufacturing	313,652	333,359	351,209	363,439	388,786	422,384	381,611	415,145	452,023	461,827	472,698	506,824
Nondurable goods	52,117	41,693	42,902	45,743	63,545	71,308	138,723	148,538	161,522	168,792	174,048	178,841
Food and kindred products	12,133	13,001	14,255	16,427	17,010	19,670	(D)	58,656*	71,867	71,738	78,282	81,886
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	348	305	402	854	1,284	1,177	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	0	(D)	203	(D)	(D)	14,589*	15,251*	16,796*	17,820*	22,237	23,479
Printing and publishing	7,501	7,652	8,968	9,525	11,167	11,621	20,599	21,886	23,720	23,590	24,432	25,530
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	11,736	19,116	17,484	22,867	16,253	17,202
Petroleum and coal products	0	0	0	0	957	812	2,689	2,417	(D)	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	(D)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	30,353	15,537	13,632	13,945	27,234	29,579	7,811*	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	261,535	291,666	308,307	317,696	325,241	351,076	242,888	266,607	290,501	293,035	298,650	327,983
Lumber and wood products	685	(D)	(D)	(D)	1,044	1,240	8,943	11,667	13,738	16,251	13,248	14,245
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	25,016	27,469	27,735	29,289	27,600	31,785	9,744	11,053	11,891	(D)	(D)	(D)
Fabricated metal products	70,993	85,185	91,323	96,211	108,046	135,137	24,397	26,201	27,185	37,032	35,143	40,028
Machinery, except electrical	54,658	65,997	71,009	72,707	78,666	65,993	20,472	26,601	28,340	27,337	30,877	34,082
Electric and electronic equipment	15,892	15,666	17,061	18,451	20,028	18,941	99,985	107,957	115,378	105,883	100,477	114,378
Transportation equip. excl. motor vehicles	1,079	1,422	1,459	1,399	1,277	4,106	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	79,931	80,428	82,538	82,208	69,248	71,378	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,474	1,710	1,982	2,185	2,707	3,218	34,261	31,671	26,281	27,183	27,547	29,339
Instruments and related products	8,329	8,121	8,924	9,169	(D)	(D)	(D)	(D)	(D)	(D)	1,349*	2,244*
Miscellaneous manufacturing industries	(D)	288	329	385	(D)	635	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	(D)	(D)	190,986	285,625	302,394	324,140	342,195	392,020	413,017
Railroad transportation	8,526	10,056	10,870	10,295	9,780	8,625	13,582	16,210	15,428	13,230	11,609	10,189
Trucking and warehousing	13,904	14,844	15,247	16,605	22,733	(D)	89,790	104,725	112,440	126,698	144,415	160,763
Water transportation	(D)	0	(L)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	3,220	3,593	4,393	4,670	4,952	(D)	(D)	(D)	(D)	(D)	46,771
Communication	10,937	8,340	6,852	7,060	7,245	9,601	(D)	105,726	106,792	109,414	123,982	126,737*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	44,523	48,836	48,267*	51,868*	61,752*	62,928*
Wholesale trade	35,717	40,755	44,725	48,894	55,850	62,674	273,478	288,369	288,722	296,135	310,210	326,444
Retail trade	104,669	110,626	112,128	119,555	125,780	137,261	329,410	365,945	379,519	395,208	415,566	434,686
Finance, insurance, and real estate	31,921	32,896	35,440	41,006	46,696	38,043	267,834	288,104	314,428	353,299	384,450	405,182
Banking and credit agencies	15,691	16,120	16,285	19,009	20,153	(D)	75,371	82,328*	92,106*	104,813*	(D)	(D)
Other finance, insurance, and real estate[9]	16,230	16,776	19,155	21,997	26,543	(D)	192,463	182,937*	197,853*	221,170*	(D)	272,018*
Services	(D)	(D)	(D)	(D)	(D)	250,872	636,329	697,319	754,465	840,928	915,087	993,052
Hotels and other lodging places	1,691	3,064	4,310	2,604	3,779	3,675	16,913*	16,487*	18,411*	16,871*	17,677*	17,933*
Personal services	10,433	10,710	12,955	12,837	12,908	14,298	33,082	34,501	37,359	39,102	41,435	44,700
Private households	3,976	4,405	4,416	4,411	4,450	4,495	17,029	18,927	19,072	18,993	19,020	19,142
Business services	15,665	19,156	20,034	21,345	25,484	24,327	82,728	89,444	107,504	124,535	135,879	148,986
Auto repair, services, and garages	6,167	7,125	8,716	9,578	10,513	12,395	27,923	31,454	35,113	35,591	36,674	38,167
Miscellaneous repair services	3,453	4,717	5,306	6,244	6,667	6,882	12,783	14,192	13,035*	15,274*	15,330	17,993
Amusement and recreation services	5,560	6,032	6,348	7,758	7,867	8,226	7,821	8,467	8,991	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,047*	(D)	(D)	(D)	(D)	916*
Health services	71,451	73,158	74,766	81,966	90,865	97,243	218,946	241,156	253,825	271,886	309,870	336,320
Legal services	6,707	7,044	7,031	8,100	9,016	9,866	64,944	74,710	82,388	95,694	101,746	116,172
Educational services	5,524	6,225	6,638	8,097	9,141	9,231	26,535	29,228	32,979	36,985	39,788	44,018
Social services	5,720	6,047	6,174	7,529	8,490	8,697	11,597	12,474	14,237	16,634	16,240	18,140
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0
Membership organizations	10,840	10,917	11,789	12,100	13,310	14,823	27,838	28,951	28,522	29,116	30,104	30,654
Miscellaneous services	49,891	46,340	39,200	41,838	43,104	36,435	86,269	96,593	101,308	127,325	138,717	146,944
Government and government enterprises	147,456	155,485	164,889	180,330	192,141	202,424	612,939	659,495	705,566	738,012	777,848	850,669
Federal, civilian	11,639	12,180	12,717	12,737	13,285	13,968	103,245	113,189	121,874	123,939	132,106	148,398
Military	1,542	1,541	1,688	1,817	1,968	2,053	13,454	17,670	19,547	21,763	22,788	23,297
State and local	134,275	141,764	150,484	165,776	176,888	186,403	496,240	528,636	564,145	592,310	622,954	678,974

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Jackson, TN (MSA)						Jacksonville, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**700,701**	**774,761**	**821,440**	**879,825**	**949,314**	**1,024,752**	**8,922,318**	**9,934,795**	**10,910,756**	**11,839,820**	**12,868,067**	**13,877,119**
Nonfarm personal income	701,322	770,510	819,228	877,317	939,581	1,015,564	8,876,375	9,887,375	10,860,532	11,777,167	12,809,074	13,814,884
Farm income[1]	−621	4,251	2,212	2,508	9,733	9,188	45,943	47,420	50,224	62,653	58,993	62,235
Population (thousands)[2]	76.0	76.6	77.8	78.0	78.0	78.2	777.4	798.1	825.4	852.9	877.9	898.1
Per capita personal income (dollars)	**9,222**	**10,112**	**10,561**	**11,279**	**12,171**	**13,097**	**11,477**	**12,448**	**13,219**	**13,882**	**14,657**	**15,452**
Derivation of total personal income:												
Total earnings by place of work	593,196	674,600	709,701	764,572	828,565	900,045	6,861,455	7,716,029	8,452,861	9,251,362	10,044,033	10,757,713
Less: Personal contributions for social insurance[3]	34,377	38,730	43,140	46,103	48,799	55,721	365,171	417,059	478,106	528,441	571,330	641,374
Plus: Adjustment for residence	−94,356	−110,247	−115,407	−126,479	−138,294	−152,024	−65,486	−71,402	−77,061	−87,616	−85,514	−73,694
Equals: Net earnings by place of residence	464,463	525,623	551,154	591,990	641,472	692,300	6,430,798	7,227,568	7,897,694	8,635,305	9,387,189	10,042,645
Plus: Dividends, interest, and rent[5]	101,701	112,999	123,336	124,579	133,601	145,932	1,100,315	1,272,348	1,430,519	1,544,056	1,705,445	1,898,902
Plus: Transfer payments	134,537	136,139	146,950	163,256	174,241	186,520	1,391,205	1,434,879	1,582,543	1,660,459	1,775,433	1,935,572
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	483,870	547,981	579,520	619,048	663,001	723,046	5,923,109	6,668,666	7,315,356	7,947,746	8,629,318	9,234,515
Other labor income	50,477	54,743	55,404	61,926	66,922	72,176	533,242	584,020	619,443	677,658	738,150	790,382
Proprietors' income[6]	58,849	71,876	74,777	83,598	98,642	104,823	405,104	463,343	518,062	625,958	676,565	732,816
Farm	−2,025	2,874	848	1,136	8,273	7,709	34,774	36,458	39,358	51,872	47,666	50,859
Nonfarm	60,874	69,002	73,929	82,462	90,369	97,114	370,330	426,885	478,704	574,086	628,899	681,957
Earnings by industry:												
Farm	−621	4,251	2,212	2,508	9,733	9,188	45,943	47,420	50,224	62,653	58,993	62,235
Nonfarm	593,817	670,349	707,489	762,064	818,832	890,857	6,815,512	7,668,609	8,402,637	9,188,709	9,985,040	10,695,478
Private	490,451	559,400	587,327	633,042	677,808	738,212	5,297,041	6,020,773	6,583,206	7,234,138	7,908,428	8,522,798
Agricultural services, forestry, fisheries, and other[7]	1,645	1,576	1,421	1,512	2,737	2,916	38,179	41,664	46,314	51,041	61,871	64,428
Agricultural services	1,570	1,518	1,357	1,436	2,646	2,828	25,748	29,138*	33,644	32,105*	(D)	(D)
Forestry, fisheries, and other[7]	75	58	64	76	91	88	12,431	9,438*	12,670	15,838*	(D)	(D)
Mining	627	702	999	506	740	787	24,224	26,038	34,212	20,426	20,058	29,832
Coal mining	(L)	(L)	(L)	(L)	0	0	(D)	392	382	369*	198	202
Oil and gas extraction	625	700	998	(D)	(D)	(D)	10,861	12,182	17,878*	5,037*	4,948	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	0	0	0	(D)	(D)	(D)	(D)	(D)	1,418	1,739*	(D)	(D)
Construction	33,677	40,915	41,862	53,223	58,575	69,155	467,180	568,891	664,230	759,012	754,750	773,472
Manufacturing	169,481	196,880	202,228	225,876	235,208	245,263	742,871	844,626	922,869	973,817	1,021,168	1,059,190
Nondurable goods	66,985	79,788	82,838	88,517	94,446	104,407	412,888	453,167	489,218	495,877	507,797	513,981
Food and kindred products	40,991	51,013	57,175	61,733	61,589	63,196	131,073*	140,984*	146,759*	156,516*	159,123*	164,583*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	509	728
Apparel and other textile products	2,226	2,947	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,152*	(D)
Paper and allied products	6,115	7,657	7,526	7,809	9,041	17,795	118,467	118,681	125,844	110,336	114,691	118,377
Printing and publishing	3,645	4,341	5,401	6,506	7,332	8,328	62,762*	78,327*	88,216	97,232	101,315	101,100
Chemicals and allied products	(D)	(D)	(D)	(D)	2,174	3,117	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	(D)	5,340	5,984	6,704	8,078*	8,446	8,976
Tobacco manufactures	0	0	0	0	0	0	12,307	12,535	12,302	12,376	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	1,192	1,252	1,667	2,397	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	102,496	117,092	119,390	137,359	140,762	140,856	329,983	391,459	433,651	477,940	513,371	545,209
Lumber and wood products	16,300	19,368	20,541	22,490	26,226	26,669	22,451	29,429	27,908	32,639	31,196	32,850
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	17,204*	20,373*	21,290*	21,710*	23,365*	22,293*
Primary metal industries	(D)	24,910	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	2,032	2,400	2,920	4,201	7,498	4,123	64,288*	72,434*	76,442*	84,745*	88,915*	89,128*
Machinery, except electrical	(D)	(D)	(D)	22,914	26,103	35,047	29,558*	31,693*	36,888*	41,093*	46,406	51,069
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	3,803	(D)	7,327*	8,567*	(D)	(D)	12,845*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	84,749*	105,648*	(D)	(D)	(D)	134,277*
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	3,650	4,677	4,949	4,069	4,043	2,881*
Stone, clay, and glass products	32,627	38,365	40,137	39,480	27,397	(D)	46,355*	56,773*	65,178*	85,490*	88,685*	91,997*
Instruments and related products	(D)	(D)	(D)	(D)	665	805	13,210*	16,685*	18,828*	(D)	(D)	(D)
Miscellaneous manufacturing industries	269	288	275	346	417	491	6,021*	7,206*	6,970*	7,775*	7,905*	8,495*
Transportation and public utilities	43,105	46,615	49,305	47,373	45,334	46,629	702,030	763,858	789,918	802,323	866,190	893,498
Railroad transportation	17,668	18,519	18,710	12,463	7,300	6,533	155,500*	161,171	144,841	138,276	133,381	146,262
Trucking and warehousing	10,433	12,495	12,965	15,478	16,617	19,315	178,387	203,858	211,206	238,709	271,132	293,808
Water transportation	0	0	0	0	0	0	41,690*	45,051*	51,022	48,437*	65,818*	69,327*
Other transportation[8]	(D)	1,135	1,987	2,235	2,506	2,624	67,698	74,288*	79,376*	83,100*	88,258*	94,915*
Communication	13,842	14,344	15,325	16,398	17,907	17,137	226,369	245,710*	266,871	243,104	259,527*	234,414*
Electric, gas, and sanitary services	(D)	122	318	799	1,004	1,020	(D)	(D)	(D)	(D)	36,276*	41,764*
Wholesale trade	40,981	45,260	48,072	35,247	36,924	39,200	557,568	647,591	688,146	742,288	803,832	893,813
Retail trade	67,242	71,732	75,277	80,211	85,727	101,549	752,587	841,697	919,632	980,516	1,071,361	1,169,593
Finance, insurance, and real estate	21,810	23,408	24,238	27,047	31,527	32,189	639,995	712,726	789,408	940,006	1,050,747	1,132,710
Banking and credit agencies	10,857	12,586	11,559	13,123	15,950	15,866	142,085*	162,759*	182,239*	205,741*	238,864	251,871*
Other finance, insurance, and real estate[9]	10,953	10,822	12,679	13,924	15,577	16,323	482,776*	538,616*	594,298*	719,719*	811,883	861,774*
Services	111,883	132,312	143,925	162,047	181,036	200,524	1,372,407	1,573,682	1,728,477	1,964,709	2,258,451	2,506,262
Hotels and other lodging places	3,086	2,620	2,951	3,534	4,633	5,651	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	6,972	7,491	9,443	10,493	11,125	11,409	58,859	63,800*	74,236*	86,448	95,388	109,147
Private households	1,612	1,791	1,805	1,808	1,833	1,860	30,563	34,746	35,756	36,503	37,628	38,879
Business services	14,375	22,165	21,577	21,441	20,822	26,006	217,803	269,407	307,542	356,947	419,628	472,842
Auto repair, services, and garages	5,950	7,761	8,092	9,044	10,061	10,403	68,493	83,635	90,930	104,671	112,138	115,931
Miscellaneous repair services	(D)	3,787	3,958	5,021	6,047	7,213	28,479	34,157	33,082	37,533	50,403	55,011
Amusement and recreation services	976	1,240	1,454	1,771	2,019	2,228	27,594	35,337	38,624	38,097	39,242	41,175
Motion pictures	(D)	84	60	(L)	66	140	7,124*	8,909*	8,783*	9,511*	(D)	8,626*
Health services	50,780	57,368	64,812	75,079	85,755	92,950	487,107	519,496	573,993	631,214	741,516	821,532
Legal services	5,737	6,946	7,061	8,467	10,271	11,503	91,840	113,111	119,065	139,653	161,568	175,300
Educational services	9,434	10,175	11,115	11,489	11,991	13,030	36,232	42,039*	45,186*	(D)	(D)	(D)
Social services	1,248	1,475	1,627	2,235	2,603	2,926	33,437	40,233	44,345	50,556	56,676	73,615
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	1,333
Membership organizations	4,583	4,705	4,812	5,044	5,695	6,486	56,139	57,741	60,913	64,734	71,580	81,699
Miscellaneous services	4,119	4,704	5,158	6,576	8,115	8,719	168,596	200,724	216,948	277,178	320,631	357,681
Government and government enterprises	103,366	110,949	120,162	129,022	141,024	152,645	1,518,471	1,647,836	1,819,431	1,954,571	2,076,612	2,172,680
Federal, civilian	13,363	13,077	14,057	14,550	15,537	18,936	397,408	423,787	457,006	453,028	475,615	510,085
Military	1,497	1,493	1,644	1,793	1,971	2,060	547,924	608,714	685,565	746,168	769,491	734,085
State and local	88,506	96,379	104,461	112,679	123,516	131,649	573,139	615,335	676,860	755,375	831,506	928,510

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Jacksonville, NC (MSA)						Jamestown—Dunkirk, NY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,012,209**	**1,093,935**	**1,192,604**	**1,266,167**	**1,359,261**	**1,424,118**	**1,484,337**	**1,627,402**	**1,669,402**	**1,732,332**	**1,799,844**	**1,917,787**
Nonfarm personal income	1,003,327	1,082,686	1,184,094	1,252,425	1,335,289	1,396,689	1,473,466	1,612,108	1,653,684	1,718,016	1,779,589	1,900,572
Farm income[1]	8,882	11,249	8,510	13,742	23,972	27,429	10,871	15,294	15,718	14,316	20,255	17,215
Population (thousands)[2]	118.5	120.1	122.7	125.1	125.9	126.5	145.5	144.8	143.7	142.7	141.5	141.3
Per capita personal income (dollars)	**8,539**	**9,108**	**9,723**	**10,124**	**10,794**	**11,262**	**10,200**	**11,243**	**11,614**	**12,142**	**12,722**	**13,569**
Derivation of total personal income:												
Total earnings by place of work	914,921	985,781	1,078,025	1,139,630	1,229,878	1,277,809	959,636	1,064,684	1,086,491	1,117,187	1,174,342	1,256,546
Less: Personal contributions for social insurance[3]	48,206	52,994	59,089	64,065	70,909	79,817	60,465	67,800	72,637	77,255	80,834	91,474
Plus: Adjustment for residence	−45,752	−44,404	−53,826	−52,899	−56,482	−55,504	11,061	11,384	11,893	14,213	15,496	16,402
Equals: Net earnings by place of residence	820,963	888,383	965,110	1,022,666	1,102,487	1,142,488	910,232	1,008,268	1,025,747	1,054,145	1,109,004	1,181,474
Plus: Dividends, interest, and rent[5]	54,378	64,522	71,777	77,169	81,603	90,075	249,478	277,867	288,447	301,735	298,905	327,581
Plus: Transfer payments	136,868	141,030	155,717	166,332	175,171	191,555	324,627	341,267	355,208	376,452	391,935	408,732
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	841,070	902,120	984,481	1,028,981	1,098,980	1,134,511	780,273	862,463	882,437	904,140	946,139	1,015,592
Other labor income	26,752	29,359	30,462	31,294	34,790	38,711	89,148	95,766	92,059	94,563	96,997	103,191
Proprietors' income[6]	47,099	54,302	63,082	79,355	96,108	104,587	90,215	106,455	111,995	118,484	131,206	137,763
Farm	6,943	9,347	6,622	11,867	21,982	25,418	2,986	7,586	8,017	6,659	12,178	9,082
Nonfarm	40,156	44,955	56,460	67,488	74,126	79,169	87,229	98,869	103,978	111,825	119,028	128,681
Earnings by industry:												
Farm	8,882	11,249	8,510	13,742	23,972	27,429	10,871	15,294	15,718	14,316	20,255	17,215
Nonfarm	906,039	974,532	1,069,515	1,125,888	1,205,906	1,250,380	948,765	1,049,390	1,070,773	1,102,871	1,154,087	1,239,331
Private	227,756	258,205	287,941	314,950	339,449	356,046	797,294	886,157	898,548	918,874	960,384	1,033,388
Agricultural services, forestry, fisheries, and other[7]	2,560	1,516	3,231	4,305	5,383	6,759	3,866	3,948	4,161	4,039	5,618	6,313
Agricultural services	1,377	1,251	1,608	1,820	3,137	4,204	3,288	3,352	3,473	3,415	5,014	5,725
Forestry, fisheries, and other[7]	1,183	265	1,623	2,485	2,246	2,555	578	596	688	624	604	588
Mining	756	835	1,008	711	741	747	14,066	14,121	13,634	9,501	8,718	8,765
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	685	1,197	874	930	453	455
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	13,128	12,625	12,437	8,178	7,751	7,864
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	29,159	34,027	39,843	47,263	51,033	49,402	38,562	42,512	48,311	52,924	55,893	60,067
Manufacturing	38,489	45,024	44,521	45,502	46,560	50,194	360,165	410,152	399,037	394,699	403,130	430,508
Nondurable goods	18,012	19,984	19,830	21,140	22,298	22,508	85,820	89,429	91,273	90,963	93,685	99,390
Food and kindred products	(D)	(D)	(D)	11,046	(D)	(D)	57,960	57,139	54,802	53,411	53,001	56,175
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Apparel and other textile products	6,467	7,436	6,751	7,456	7,947	8,550	4,500	4,904	5,508	5,210	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	1,707	1,893	2,053	2,158	14,960	16,296	18,198	18,235	18,390	18,081
Chemicals and allied products	(D)	0	0	(D)	(D)	(D)	(D)	3,835	5,284	7,036	8,782	9,634
Petroleum and coal products	0	0	0	0	0	0	3,507	3,789	4,225	3,441	4,445	5,343
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	0	0	0	0	1,820	1,382	1,371	1,604	2,012	2,010
Leather and leather products	0	0	0	0	(D)	(D)	0	0	0	0	(D)	(D)
Durable goods	20,477	25,040	24,691	24,362	24,262	27,686	274,345	320,723	307,764	303,736	309,445	331,118
Lumber and wood products	6,309	6,827	6,252	7,925	8,460	8,805	5,644	7,081	7,074	(D)	(D)	9,069
Furniture and fixtures	(D)	(D)	(D)	69	0	0	26,291	28,368	30,370	32,719	36,040	36,837
Primary metal industries	0	0	0	0	0	0	41,297	52,233	44,100	40,249	38,269	44,521
Fabricated metal products	0	(D)	(D)	(D)	(D)	(D)	60,130	65,046	59,719	59,055	55,338	59,597
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	87,254	100,861	103,001	101,292	101,746	107,679
Electric and electronic equipment	(D)	(D)	0	0	0	0	7,342	9,985	10,311	12,197	12,557	13,357
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	0	(D)	(D)	(D)	(D)	(D)	18,794	23,439	22,818	23,096	24,849	25,515
Instruments and related products	(D)	0	0	0	0	0	(D)	(D)	(D)	0	0	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	575	722	707	722	922	1,199
Transportation and public utilities	26,598	29,204	33,164	34,014	36,117	37,349	54,784	60,263	63,598	66,932	68,115	70,203
Railroad transportation	(D)	3,261	3,167	2,757	2,327	2,614	2,642	2,791	(D)	(D)	(D)	2,539
Trucking and warehousing	6,497	7,735	8,007	8,887	9,510	9,973	14,422	17,346	18,242	19,781	21,310	22,073
Water transportation	0	0	(D)	(D)	(D)	(D)	(D)	(D)	117	345	561	622
Other transportation[8]	3,175	3,624	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	8,744
Communication	9,844	10,109	10,444	8,209	8,978	9,201	15,836	15,541	15,687	17,446	15,386	16,005
Electric, gas, and sanitary services	(D)	4,475	6,552	8,307	8,861	8,856	17,744	18,802	19,960	19,668	19,692	20,220
Wholesale trade	6,627	7,040	7,692	8,341	9,301	10,206	42,474	46,428	46,990	49,522	51,659	59,076
Retail trade	66,402	73,135	82,251	88,360	92,397	94,137	97,041	101,919	107,820	113,792	119,093	125,567
Finance, insurance, and real estate	11,276	11,879	12,451	15,799	18,011	19,316	29,802	30,930	27,151	27,178	27,754	31,440
Banking and credit agencies	6,040	6,428	6,905	8,237	8,938	9,913	14,743	15,965	12,132	12,322	12,134	14,576
Other finance, insurance, and real estate[9]	5,236	5,451	5,546	7,562	9,073	9,403	15,059	14,965	15,019	14,856	15,620	16,864
Services	45,889	55,545	63,780	70,655	79,906	87,936	156,534	175,884	187,846	200,287	220,404	241,449
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	5,765	6,020	5,895	8,010	8,182	8,339
Personal services	5,756	6,436	7,333	8,266	9,407	9,522	9,014	9,777	11,208	11,556	12,495	12,005
Private households	3,765	4,238	4,299	4,322	4,383	4,467	2,409	2,667	2,674	2,663	2,674	2,702
Business services	2,920	5,123	5,936	6,784	7,593	8,463	12,324	15,395	15,974	18,838	22,758	28,103
Auto repair, services, and garages	3,388	3,650	4,047	4,389	5,031	5,732	7,729	9,502	10,945	12,069	12,686	14,105
Miscellaneous repair services	2,027	2,543	2,189	2,630	2,713	3,064	3,052	3,656	3,252	3,950	4,259	5,217
Amusement and recreation services	1,327	1,472	1,547	2,023	2,252	2,025	6,532	6,877	7,655	6,447	7,080	7,746
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	11,450	15,185	18,050	20,919	25,828	30,423	67,844	73,464	78,154	81,644	90,739	97,645
Legal services	3,252	4,132	4,417	5,230	5,594	6,093	9,136	11,752	12,809	14,020	14,117	15,563
Educational services	1,001	1,289	1,319	1,057	1,260	1,300	2,879	3,333	3,496	3,520	3,674	4,266
Social services	2,949	2,865	3,442	3,754	3,875	4,372	8,330	9,264	10,380	10,681	12,977	13,373
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,690	3,722	4,938	3,599	3,684	3,869	12,903	13,736	14,458	12,956	13,693	14,808
Miscellaneous services	2,596	3,066	4,176	5,788	6,164	6,273	8,327	10,154	10,673	13,662	14,798	17,307
Government and government enterprises	678,283	716,327	781,574	810,938	866,457	894,334	151,471	163,233	172,225	183,997	193,703	205,943
Federal, civilian	80,578	78,838	90,359	89,035	89,701	99,751	10,111	11,219	11,702	11,621	12,148	12,841
Military	550,325	586,301	632,512	656,050	702,913	711,656	2,457	1,980	2,193	2,402	2,489	2,490
State and local	47,380	51,188	58,703	65,853	73,843	82,927	138,903	150,034	158,330	169,974	179,066	190,612

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Janesville—Beloit, WI (MSA)						Jersey City, NJ (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,540,124**	**1,700,753**	**1,786,964**	**1,851,137**	**1,932,182**	**2,080,340**	**6,564,372**	**7,191,760**	**7,499,008**	**7,896,858**	**8,481,655**	**9,171,708**
Nonfarm personal income	1,531,245	1,682,180	1,764,332	1,813,932	1,889,454	2,055,053	6,564,372	7,191,760	7,499,008	7,896,858	8,481,655	9,171,708
Farm income[1]	8,879	18,573	22,632	37,205	42,728	25,287	0	0	0	0	0	0
Population (thousands)[2]	138.3	138.3	138.3	137.3	135.2	136.3	560.8	560.4	557.0	553.4	546.6	542.2
Per capita personal income (dollars)	**11,135**	**12,296**	**12,919**	**13,486**	**14,293**	**15,259**	**11,705**	**12,833**	**13,462**	**14,270**	**15,518**	**16,915**
Derivation of total personal income:												
Total earnings by place of work	1,073,708	1,215,263	1,277,879	1,302,053	1,361,026	1,490,651	4,861,073	5,337,395	5,634,382	5,998,406	6,537,632	7,070,524
Less: Personal contributions for social insurance[3]	66,594	75,194	83,261	82,829	85,599	100,263	304,953	337,185	369,990	418,802	454,915	510,786
Plus: Adjustment for residence	34,073	40,657	48,104	55,050	58,594	56,004	−233,313	−239,983	−286,188	−254,405	−251,467	−257,332
Equals: Net earnings by place of residence	1,041,187	1,180,726	1,242,722	1,274,274	1,334,021	1,446,392	4,322,807	4,760,227	4,978,204	5,325,199	5,831,250	6,302,406
Plus: Dividends, interest, and rent[4]	242,842	261,480	268,893	284,539	290,922	317,588	1,034,924	1,184,552	1,248,248	1,259,382	1,291,475	1,421,908
Plus: Transfer payments	256,095	258,547	275,349	292,324	307,239	316,360	1,206,641	1,246,981	1,272,556	1,312,277	1,358,930	1,447,394
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	871,033	980,261	1,030,097	1,033,171	1,067,872	1,191,247	4,178,610	4,597,977	4,870,564	5,194,071	5,664,050	6,124,572
Other labor income	115,204	126,088	125,773	125,612	130,246	146,074	423,150	441,203	441,098	465,608	509,821	548,228
Proprietors' income[5]	87,471	108,914	122,009	143,270	162,908	153,330	259,313	298,215	322,720	338,727	363,761	397,724
Farm	1,800	11,607	15,791	30,570	35,906	18,589	0	0	0	0	0	0
Nonfarm	85,671	97,307	106,218	112,700	127,002	134,741	259,313	298,215	322,720	338,727	363,761	397,724
Earnings by industry:												
Farm	8,879	18,573	22,632	37,205	42,728	25,287	0	0	0	0	0	0
Nonfarm	1,064,829	1,196,690	1,255,247	1,264,848	1,318,298	1,465,364	4,861,073	5,337,395	5,634,382	5,998,406	6,537,632	7,070,524
Private	950,633	1,072,360	1,123,427	1,124,354	1,170,916	1,308,240	3,955,293	4,360,471	4,588,550	4,916,907	5,398,149	5,841,393
Agricultural services, forestry, fisheries, and other[7]	4,843	4,611	4,723	4,278	7,171	7,836	2,354	2,551	2,774	2,992	3,998	4,960
Agricultural services	4,670	4,499	4,534	4,056	6,975	7,620	2,132	2,371	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	173	112	189	222	196	216	222	180	(D)	(D)	(D)	(D)
Mining	3,888	3,795	4,323	2,603	2,586	2,843	6,212	6,682	9,943	3,069	2,749	2,667
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,640	1,655	2,167	745	658	635	(D)	6,665	9,928	3,051	2,740	2,658
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,248	2,140	2,156	1,858	1,928	2,208	(D)	0	0	0	0	0
Construction	44,546	53,621	55,813	57,861	61,837	65,968	150,988	183,950	201,095	229,964	264,353	294,253
Manufacturing	495,692	566,766	596,709	564,009	561,336	644,096	1,323,738	1,420,800	1,354,406	1,295,621	1,293,164	1,296,649
Nondurable goods	91,642	98,591	101,743	102,178	111,255	121,823	839,215	885,345	933,617	932,242	926,327	957,339
Food and kindred products	37,549	38,564	38,723	41,858	44,359	46,616	150,380	156,817	155,484	157,442	150,869	154,331
Textile mill products	9,244	11,046	12,077	11,659	11,669	13,892	58,228	58,545	57,797	58,475	67,489	73,462
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	260,936	265,090	255,238	258,269	251,574	256,161
Paper and allied products	4,485	3,293	3,311	2,949	2,853	3,142	51,493	52,889	53,465	53,912	49,640	50,540
Printing and publishing	6,373	7,065	6,208	6,576	7,078	8,222	67,705	82,823	127,248	129,182	144,596	160,726
Chemicals and allied products	7,485	8,349	9,473	10,505	12,088	11,642	163,243	170,417	181,318	185,392	180,451	177,719
Petroleum and coal products	707	496	630	526	890	1,539	38,355	34,152	39,281	30,313	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	95	7,633	6,332	5,954	(D)	(D)
Rubber and misc. plastic products	8,824	13,159	14,138	12,598	14,881	16,712	28,928	35,579	36,190	41,188	43,857	45,162
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	19,852	21,400	21,264	12,115	11,931	12,354
Durable goods	404,050	468,175	494,966	461,831	450,081	522,273	484,523	535,455	420,789	363,379	366,837	339,310
Lumber and wood products	1,385	1,643	850	1,040	1,173	1,407	(D)	6,720	6,412	6,202	6,867	6,314
Furniture and fixtures	(D)	(D)	(D)	(D)	1,267	1,346	45,662	57,301	59,335	(D)	48,165	38,172
Primary metal industries	(D)	(D)	0	0	0	(D)	45,815	49,793	49,403	46,147	48,841	53,790
Fabricated metal products	22,655	26,745	29,629	35,062	37,722	35,948	38,615	40,574	38,712	36,121	31,067	26,396
Machinery, except electrical	114,981	119,496	122,883	119,377	121,846	131,399	45,100	49,751	47,242	45,957	49,765	51,931
Electric and electronic equipment	12,094	(D)	(D)	(D)	(D)	(D)	217,143	240,936	127,973	91,570	102,104	83,100
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	11,179	8,917	7,690	6,039	(D)	(D)
Motor vehicles and equipment	227,443	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,383	1,260	976	825	951	1,032	11,692	8,341	8,863	7,918	7,802	9,556
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	8,984	(D)	(D)	3,033	1,952	2,093
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	20,052	53,849	68,212	69,360	63,137	63,320	62,642
Transportation and public utilities	65,759	76,042	66,873	68,645	76,983	81,398	653,063	723,896	767,145	855,520	945,326	1,014,368
Railroad transportation	2,119	3,033	3,698	4,132	4,459	5,321	11,763	(D)	7,499	8,744	10,534	8,929
Trucking and warehousing	27,547	31,370	32,384	32,050	32,335	34,171	393,080	423,797	440,719	468,805	501,178	549,145
Water transportation	−84	(D)	(D)	−57	(L)	(L)	45,860	74,147	82,405	113,333	116,582	106,981
Other transportation[8]	4,933	(D)	(D)	6,718	7,550	8,344	82,817	(D)	99,595	107,460	120,294	142,116
Communication	11,487	14,727	6,887	7,071	13,680	14,715	61,250	64,132	64,522	85,340	130,982	137,122
Electric, gas, and sanitary services	19,757	21,770	18,480	18,731	18,994	18,804	58,293	62,864	72,405	71,838	65,756	70,075
Wholesale trade	40,637	46,272	49,385	55,491	58,051	66,069	460,920	534,544	596,205	669,829	757,828	854,909
Retail trade	106,881	111,251	117,739	124,090	129,136	142,191	429,380	460,739	492,123	518,742	579,468	620,228
Finance, insurance, and real estate	25,877	27,845	31,309	31,270	36,321	36,124	190,505	194,836	221,765	284,703	426,319	499,168
Banking and credit agencies	12,688	14,123	16,934	17,424	17,985	18,868	82,992	91,213	100,705	111,743	176,717	(D)
Other finance, insurance, and real estate[9]	13,189	13,722	14,375	13,846	18,336	17,256	107,513	103,623	121,060	172,960	249,602	(D)
Services	162,510	182,157	196,553	216,107	237,495	261,715	738,133	832,473	943,094	1,056,467	1,124,944	1,254,191
Hotels and other lodging places	2,658	3,128	2,579	2,323	2,594	2,897	11,792	13,574	13,083	14,568	16,573	18,700
Personal services	10,583	12,708	12,799	13,346	12,907	13,572	39,758	40,395	50,109	54,854	53,629	57,598
Private households	1,481	1,641	1,646	1,642	1,654	1,681	11,927	13,304	13,394	13,402	13,510	13,672
Business services	24,424	30,761	36,010	47,311	52,000	58,781	187,473	241,551	298,868	340,635	330,683	370,825
Auto repair, services, and garages	7,146	10,014	10,627	8,956	9,290	10,237	35,520	39,184	41,082	42,961	48,348	55,455
Miscellaneous repair services	2,720	3,371	2,692	2,982	3,024	3,471	25,411	28,593	27,605	28,562	31,046	32,339
Amusement and recreation services	3,564	3,771	4,070	4,021	4,143	4,000	6,070	6,821	5,737	6,054	8,226	11,841
Motion pictures	245	293	(D)	(D)	(D)	(D)	1,185	1,312	1,363	2,623	5,179	(D)
Health services	75,484	77,344	81,965	88,121	100,557	108,233	221,404	235,591	259,144	280,286	320,743	356,982
Legal services	8,558	9,943	11,581	12,065	12,271	15,171	42,523	49,777	54,719	60,895	66,228	76,873
Educational services	(D)	(D)	8,883	8,607	9,356	9,897	38,090	41,024	49,380	52,730	59,701	65,067
Social services	4,985	5,519	6,736	6,710	8,454	10,122	17,337	19,630	23,149	26,166	28,272	30,548
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Membership organizations	8,425	9,005	9,155	9,296	9,687	10,505	36,703	39,592	43,038	46,857	48,198	53,167
Miscellaneous services	5,636	6,836	7,438	10,412	11,244	12,782	62,940	62,125	62,423	85,874	94,608	103,516
Government and government enterprises	114,196	124,330	131,820	140,494	147,382	157,124	905,780	976,924	1,045,832	1,081,499	1,139,483	1,229,131
Federal, civilian	8,245	8,882	9,461	9,584	9,929	10,678	323,706	345,875	361,484	346,843	351,667	367,530
Military	3,364	4,171	4,653	5,034	5,446	5,659	13,523	16,945	18,088	20,208	20,476	20,632
State and local	102,587	111,277	117,706	125,876	132,007	140,787	568,551	614,104	666,260	714,448	767,340	840,969

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Johnson City—Kingsport—Bristol, TN—VA (MSA)						Johnstown, PA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,992,722**	**4,271,009**	**4,516,472**	**4,829,682**	**5,123,891**	**5,497,505**	**2,506,153**	**2,630,116**	**2,683,600**	**2,777,698**	**2,893,553**	**3,077,608**
Nonfarm personal income	3,956,339	4,210,913	4,469,175	4,788,657	5,068,874	5,438,213	2,490,130	2,603,452	2,660,010	2,752,484	2,864,276	3,048,432
Farm income[1]	36,383	60,096	47,297	41,025	55,017	59,292	16,023	26,664	23,590	25,214	29,277	29,176
Population (thousands)[2]	440.8	441.7	442.2	441.0	442.2	442.3	260.2	259.6	256.4	253.9	251.9	250.6
Per capita personal income (dollars)	**9,058**	**9,669**	**10,215**	**10,952**	**11,587**	**12,430**	**9,633**	**10,133**	**10,469**	**10,941**	**11,489**	**12,280**
Derivation of total personal income:												
Total earnings by place of work	2,904,539	3,095,084	3,301,879	3,526,644	3,786,080	4,048,030	1,479,822	1,616,146	1,623,555	1,671,110	1,760,610	1,877,944
Less: Personal contributions for social insurance[3]	170,313	179,862	203,239	217,192	230,936	259,491	90,755	102,814	108,388	113,895	117,592	132,965
Plus: Adjustment for residence	3,419	10,399	−14,623	−23,753	−50,628	−54,481	3,550	−5,174	(L)	−446	3,618	−3,326
Equals: Net earnings by place of residence	2,737,645	2,925,621	3,084,017	3,285,699	3,504,516	3,734,058	1,392,617	1,508,158	1,515,124	1,556,769	1,646,636	1,741,653
Plus: Dividends, interest, and rent[4]	547,626	610,444	644,196	679,439	706,144	772,810	409,879	440,408	460,200	477,030	482,628	525,990
Plus: Transfer payments	707,451	734,944	788,259	864,544	913,231	990,637	703,657	681,550	708,276	743,899	764,289	809,965
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,353,280	2,479,588	2,670,652	2,844,860	3,039,237	3,246,830	1,127,887	1,223,017	1,227,917	1,258,854	1,331,284	1,422,157
Other labor income	265,587	267,514	274,428	294,060	314,504	336,658	144,408	150,439	143,428	145,240	153,834	164,347
Proprietors' income[5]	285,672	347,982	356,799	387,724	432,339	464,542	207,527	242,690	252,210	267,016	275,492	291,440
Farm	26,749	50,650	37,863	31,596	45,026	49,195	11,941	22,681	19,592	21,222	25,005	24,839
Nonfarm	258,923	297,332	318,936	356,128	387,313	415,347	195,586	220,009	232,618	245,794	250,487	266,601
Earnings by industry:												
Farm	36,383	60,096	47,297	41,025	55,017	59,292	16,023	26,664	23,590	25,214	29,277	29,176
Nonfarm	2,868,156	3,034,988	3,254,582	3,485,619	3,731,063	3,988,738	1,463,799	1,589,482	1,599,965	1,645,896	1,731,333	1,848,768
Private	2,487,013	2,637,696	2,825,023	3,018,640	3,233,819	3,464,053	1,255,767	1,377,171	1,375,252	1,410,942	1,481,382	1,583,056
Agricultural services, forestry, fisheries, and other[7]	10,771	11,418	10,422	8,023	11,764	12,260*	3,537	3,956	3,678	3,242	5,312	6,059
Agricultural services	10,215	10,062*	10,174	7,941	11,647	12,152*	2,580	2,870	2,994	2,963	4,952	5,723
Forestry, fisheries, and other[7]	556	(D)	248	82	117	113	957	1,086	684	279	360	336
Mining	6,213	6,590	8,452	10,186	11,068	11,172*	216,038	242,128	211,627	176,898	157,076	151,340
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	212,554	238,439	204,888	171,805	(D)	(D)
Oil and gas extraction	2,967*	3,200*	5,051*	5,901*	(D)	(D)	2,177	(D)	(D)	(D)	1,180	1,148
Metal mining	(L)	(L)	(L)	(L)	199	157	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,307	(D)	(D)	(D)	(D)	(D)
Construction	162,767	155,953	170,130	179,767	202,490	227,173	65,847	75,760	78,354	93,271	93,401	102,430
Manufacturing	1,143,898	1,223,735	1,315,012	1,388,616	1,468,289	1,530,981	248,447	270,651	258,184	265,336	287,217	327,687
Nondurable goods	763,568	786,933	832,248	878,759	903,659	934,584	74,445	78,772	80,077	82,242	87,730	91,614
Food and kindred products	41,975*	44,482*	(D)	(D)	(D)	(D)	23,897	24,953	26,781	28,605	29,572	31,563
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	500
Apparel and other textile products	(D)	42,497*	42,487*	46,368*	47,134*	(D)	33,816	33,828	33,025	32,506	35,038	37,646
Paper and allied products	(D)	(D)	(D)	50,378*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11,126	(D)	(D)	12,507	12,114
Chemicals and allied products	(D)	(D)	463,872*	485,249*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	676	922	343	651	615	469*	1,899	2,848	2,875	3,800	3,961	3,521
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	(D)	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)	1,014	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	380,330	436,802	482,764	509,857	564,630	596,397	174,002	191,879	178,107	183,094	199,487	236,073
Lumber and wood products	12,962	14,887	15,964	17,433	20,232	20,421*	7,692	9,499	9,720	11,369	12,809	13,055
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)	88,414*	104,497*
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	15,422	17,714	20,033	23,172	27,763	29,906
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	18,621	20,810	21,303	21,072	22,088	23,112
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)	4,636*	6,410*	7,571*	8,665*	9,939	11,611
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	7,362	8,004	7,459	8,912	9,799	10,452
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)	829	494	447	373	475	(D)
Transportation and public utilities	162,771	166,514	168,910	181,194	188,142	197,257	126,019	140,654	146,428	157,513	165,185	171,477
Railroad transportation	17,949*	18,374*	18,423*	18,383*	20,161	17,616	(D)	10,056	9,614	10,687	(D)	13,960
Trucking and warehousing	65,909	(D)	(D)	(D)	(D)	72,602	40,787	49,977	50,051	52,482	56,426	57,871
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	55,965*	(D)	(D)	(D)	(D)	(D)	21,946	21,139	21,249	20,651	21,058	20,940
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	141,998	150,607	162,438	178,844	182,833	192,052	63,359	70,617	74,404	77,681	81,582	85,634
Retail trade	301,692	310,485	330,706	344,167	361,007	391,055	155,844	160,948	163,908	165,846	174,404	184,048
Finance, insurance, and real estate	80,386	84,230	91,952	106,590	116,438	122,075	68,909	72,812	78,969	88,431	96,830	103,379
Banking and credit agencies	37,802*	(D)	(D)	(D)	(D)	45,535*	(D)	(D)	35,996	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	39,339*	41,700*	45,678*	57,757*	64,409*	69,095*	(D)	(D)	42,973	(D)	(D)	(D)
Services	476,517	528,164	567,001	621,253	691,788	777,624	307,767	339,645	359,700	382,724	420,375	451,002
Hotels and other lodging places	8,958*	8,370*	8,825*	10,847*	11,489*	11,165*	12,792	15,406	15,815	17,612	20,682	24,150
Personal services	31,490	32,164	39,437	42,478	45,082	49,790	14,184	14,982	18,017	18,883	19,919	22,256
Private households	8,998	10,027	9,935*	9,978*	10,136*	10,317*	2,545	2,810	2,806	2,797	2,811	2,842
Business services	54,160	58,769	68,238	71,803	83,291	98,803	18,546	22,085	23,573	25,134	27,081	29,842
Auto repair, services, and garages	22,173	24,888	26,263	26,737	29,662	31,397	20,488	24,027	26,760	27,313	29,599	32,646
Miscellaneous repair services	10,700	12,403	11,495	14,187	14,886	18,086	(D)	9,886	9,515	10,679	10,995	11,977
Amusement and recreation services	5,484*	(D)	(D)	(D)	9,056*	(D)	3,859	4,346	4,970	5,786	6,280	6,562
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,040	(D)	1,058	(D)	(D)
Health services	238,597	261,687	274,118	298,239	343,478	382,851	152,216	163,472	170,435	179,172	199,216	206,357
Legal services	21,904	26,932	28,712	32,996	38,147	43,163	11,782	13,671	14,190	15,381	15,658	17,410
Educational services	(D)	(D)	(D)	(D)	(D)	20,177	16,793	19,076	21,292	22,861	25,368	27,455
Social services	7,527*	8,449*	9,019*	9,621*	10,541*	12,703*	9,473	10,049	10,877	12,053	13,995	16,936
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	122	(D)	169	(D)	(D)
Membership organizations	23,624	24,136	24,264	25,377	26,395	27,955	16,683	17,119	17,327	17,523	18,723	20,669
Miscellaneous services	28,845	38,305	42,463	52,030	48,735	59,033	19,538	21,554	22,791	26,303	28,921	30,688
Government and government enterprises	381,143	397,292	429,559	466,979	497,244	524,685	208,032	212,311	224,713	234,954	249,951	265,712
Federal, civilian	90,493	93,031	94,920	96,539	102,991	110,400	26,092	27,568	31,213	31,046	32,689	35,713
Military	9,159	9,746	10,890	12,075	13,024	13,582	7,260	6,256	7,098	7,567	7,702	8,024
State and local	281,491	294,515	323,749	358,365	381,229	400,703	174,680	178,487	186,402	196,341	209,560	221,975

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Joliet, IL (PMSA)						Joplin, MO (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,280,023**	**4,761,376**	**5,106,275**	**5,466,282**	**5,849,331**	**6,377,881**	**1,233,886**	**1,344,931**	**1,431,526**	**1,511,277**	**1,595,459**	**1,705,954**
Nonfarm personal income	4,287,830	4,719,128	5,052,633	5,422,633	5,812,590	6,348,170	1,224,107	1,333,704	1,416,579	1,494,479	1,579,011	1,683,010
Farm income[1]	−7,807	42,248	53,642	43,649	36,741	29,711	9,779	11,227	14,947	16,798	16,448	22,944
Population (thousands)[2]	359.2	362.0	365.3	367.9	373.6	379.2	130.0	131.3	132.1	133.7	135.0	136.0
Per capita personal income (dollars)	**11,914**	**13,153**	**13,978**	**14,860**	**15,658**	**16,821**	**9,489**	**10,247**	**10,841**	**11,306**	**11,815**	**12,548**
Derivation of total personal income:												
Total earnings by place of work	2,013,893	2,290,999	2,458,496	2,599,508	2,786,793	3,015,022	872,118	966,788	1,038,880	1,110,540	1,190,718	1,257,032
Less: Personal contributions for social insurance[3]	121,195	135,454	153,068	166,526	177,944	201,683	51,156	57,335	64,835	69,446	74,194	82,219
Plus: Adjustment for residence	1,264,759	1,438,487	1,575,135	1,741,274	1,867,329	2,069,541	−45,235	−51,988	−70,060	−81,566	−93,380	−95,443
Equals: Net earnings by place of residence	3,157,457	3,594,032	3,880,563	4,174,256	4,476,178	4,882,880	775,727	857,465	903,985	959,528	1,023,144	1,079,370
Plus: Dividends, interest, and rent[5]	591,958	663,337	691,887	728,375	781,074	852,806	225,617	249,707	258,219	268,339	277,002	300,350
Plus: Transfer payments	530,608	504,007	533,825	563,651	592,079	642,195	232,542	237,759	269,322	283,410	295,313	326,234
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,601,888	1,783,777	1,909,886	2,015,376	2,167,780	2,355,773	680,296	753,552	808,486	855,314	915,797	961,481
Other labor income	193,957	207,819	214,633	225,793	243,190	264,722	75,154	80,159	83,022	90,182	97,410	102,082
Proprietors' income[6]	218,048	299,403	333,977	358,339	375,823	394,527	116,668	133,077	147,372	165,044	177,511	193,469
Farm	−14,453	35,722	47,155	37,238	30,005	23,003	4,562	6,086	9,929	11,880	11,336	17,874
Nonfarm	232,501	263,681	286,822	321,101	345,818	371,524	112,106	126,991	137,443	153,164	166,175	175,595
Earnings by industry:												
Farm	−7,807	42,248	53,642	43,649	36,741	29,711	9,779	11,227	14,947	16,798	16,448	22,944
Nonfarm	2,021,700	2,248,751	2,404,854	2,555,859	2,750,052	2,985,311	862,339	955,561	1,023,933	1,093,742	1,174,270	1,234,088
Private	1,731,006	1,941,680	2,080,203	2,207,613	2,376,611	2,587,370	771,430	858,243	917,421	980,074	1,054,064	1,105,623
Agricultural services, forestry, fisheries, and other[7]	12,432	12,781	12,969	14,377	21,268	24,314	3,274	3,437	3,027	2,888	3,866	4,141
Agricultural services	12,008	12,414	12,597	14,041	20,924	23,883	3,023	3,173	2,810	2,726	3,719	3,988
Forestry, fisheries, and other[7]	424	367	372	336	344	431	251	264	217	162	147	153
Mining	12,492	13,833	16,879	12,944	14,193	14,881	6,611	8,100	8,902	7,641	8,749	6,143
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	3,607*	3,974*	5,799*	2,076*	2,090*	2,119*	1,387	1,566	2,161	858	722	972
Metal mining	0	0	0	0	0	0	(D)	0	0	0	0	0
Nonmetallic minerals, except fuels	7,676*	8,600*	9,621*	9,714*	10,832*	11,387*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	139,890	164,449	178,694	216,681	246,421	284,610	41,663	49,842	54,215	62,607	65,108	62,513
Manufacturing	509,794	604,605	625,220	628,656	626,630	686,542	266,882	302,964	313,881	335,924	356,055	368,524
Nondurable goods	261,918	283,819	304,645	308,048	(D)	321,501	103,525	114,584	119,073	131,397	135,354	141,665
Food and kindred products	28,743*	29,236	30,568	20,389	11,782	9,994	46,680	52,789	54,774	60,428	64,928	67,633
Textile mill products	0	0	0	0	0	0	0	(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	22,981	23,813	28,577	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	17,579	16,106	17,016	17,138	16,611*	18,414*	5,923	6,336	(D)	(D)	7,134	6,871
Chemicals and allied products	117,968	132,849	141,914	134,769	(D)	142,766	24,372	27,248	28,698	29,967	27,739	29,921
Petroleum and coal products	37,716	37,152	38,795	36,895	39,651	59,510	11,258*	12,767*	14,610	17,180	18,860	18,609
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	42,443*	49,792*	49,973	43,377	0	0	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,058	4,591	5,084
Durable goods	247,876	320,786	320,575	320,608	(D)	365,041	163,357	188,380	194,808	204,527	220,701	226,859
Lumber and wood products	4,951	6,832*	7,476*	6,793*	9,758*	15,062	3,699	4,461	4,940	3,934	4,024	4,390
Furniture and fixtures	1,969*	2,876*	3,420*	4,686*	6,259*	6,415*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	6,344	7,975	8,940	8,421	12,505*	12,540*
Fabricated metal products	41,357*	44,938*	48,753*	51,153*	50,742*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	53,447	(D)	57,303	(D)
Electric and electronic equipment	25,705*	27,072*	26,581*	(D)	(D)	(D)	31,983	38,147	42,400	45,852	(D)	(D)
Transportation equip. excl. motor vehicles	2,787	3,192	3,094	3,147	1,841	2,363	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	4,115	5,268	2,846	(D)	(D)	(D)	6,388*	9,560
Stone, clay, and glass products	23,464	24,068	25,552	24,690	27,330	33,853	5,681	5,336	5,300	5,366*	4,513	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,172	7,275*	8,914*	(D)	(D)	6,383*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	(D)	(D)	(D)	95,173	105,650	118,799	128,187	141,966	159,633
Railroad transportation	25,681	27,597	26,736	23,997	21,225	22,766	5,192	6,879	8,044	7,102	6,466	6,096
Trucking and warehousing	35,937	44,406	42,753	43,509	50,658	49,833	53,512	63,289	71,856	78,258	92,255	108,084
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	12,651	4,000	(D)	5,009	5,969	5,831	6,026
Communication	(D)	33,054	33,942	33,251	(D)	(D)	15,591	12,540	13,440	13,534	13,408	14,180
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	16,878	(D)	20,450	23,324	24,006	25,247
Wholesale trade	69,281	80,821	85,096	99,444	117,448	123,959	52,299	55,866	60,078	58,864	61,612	61,940
Retail trade	199,312	211,133	229,791	229,801	248,317	269,563	105,838	114,016	121,806	126,296	136,252	143,129
Finance, insurance, and real estate	61,987	66,646	71,267	78,614	90,090	106,418	27,217	28,754	29,397	32,949	34,500	36,444
Banking and credit agencies	32,792	34,098	35,271	37,512	40,444	(D)	15,729	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	29,195	32,548	35,996	41,102	49,646	60,412*	11,488	(D)	(D)	(D)	(D)	(D)
Services	369,109*	395,875*	437,240*	502,120*	548,786*	602,279*	172,473	189,614	207,316	224,718	245,956	263,156
Hotels and other lodging places	(D)	(D)	5,058*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	23,221	24,514	28,329	35,154	36,246	39,662	9,618	9,825	11,817	11,999	12,423	13,560
Private households	3,690	4,095	4,098	4,075	(D)	4,071	2,577	2,876	2,888	2,889	2,919	2,958
Business services	79,266	83,419	98,544	122,981	134,251	148,788	24,526	28,820	34,712	42,545	45,654	50,055
Auto repair, services, and garages	18,377	21,821	25,477	32,286	31,592	36,115	11,158	13,985	15,279	16,143	14,891	15,469
Miscellaneous repair services	9,433	10,770	9,966	12,498	14,071	16,984	3,371	4,609	3,765	(D)	4,726	5,111
Amusement and recreation services	10,941	11,714	12,694	15,669	14,212	12,016	(D)	(D)	2,545	(D)	3,682	3,723
Motion pictures	744*	776*	759*	740*	(D)	(D)	654	608*	675	725	564	552
Health services	142,093	152,124	162,940	175,041	190,732	208,787	88,145	92,691	100,510	104,676	119,987	127,243
Legal services	21,838	27,732	27,895	30,850	31,775	36,352	5,329	6,146	6,871	7,363	7,671	8,357
Educational services	16,328	18,783	20,691	22,327	29,328	32,984	573*	737	766	770	881	1,031
Social services	4,994*	5,850*	8,360*	9,204*	12,648*	14,018	4,548	5,481	5,094	5,428	6,882	(D)
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	28,170	25,326	24,144	25,698	27,202	29,297	7,212	7,323	7,291	7,530	7,969	8,496
Miscellaneous services	30,500	32,068	40,113	44,385	53,046	65,095	9,575	11,004	11,442	13,038	14,260	15,563
Government and government enterprises	290,694	307,071	324,651	348,246	373,441	397,941	90,909	97,318	106,512	113,668	120,206	128,465
Federal, civilian	15,539	16,815	17,963	18,191	19,818	22,325	10,495	10,900	11,839	12,202	13,091	13,796
Military	5,051	5,217	6,076	6,487	6,949	6,996	4,324	4,461	4,721	5,269	5,562	5,797
State and local	270,104	285,039	300,612	323,568	346,674	368,620	76,090	81,957	89,952	96,197	101,553	108,872

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Kalamazoo, MI (MSA)						Kankakee, IL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,547,174**	**2,759,873**	**2,933,237**	**3,160,320**	**3,387,359**	**3,639,734**	**1,043,471**	**1,119,677**	**1,158,688**	**1,201,147**	**1,269,681**	**1,378,427**
Nonfarm personal income	2,538,623	2,748,195	2,920,381	3,145,185	3,369,419	3,626,620	1,042,225	1,094,328	1,128,060	1,175,715	1,244,539	1,352,864
Farm income[1]	8,551	11,678	12,856	15,135	17,940	13,114	1,246	25,349	30,628	25,432	25,142	25,563
Population (thousands)[2]	212.9	213.4	214.1	214.2	216.0	217.9	100.7	99.9	98.6	97.8	97.9	97.9
Per capita personal income (dollars)	**11,965**	**12,931**	**13,702**	**14,755**	**15,679**	**16,703**	**10,365**	**11,212**	**11,749**	**12,277**	**12,973**	**14,087**
Derivation of total personal income:												
Total earnings by place of work	2,090,433	2,253,663	2,418,279	2,596,418	2,791,457	3,010,863	621,902	672,294	701,362	722,818	776,248	851,575
Less: Personal contributions for social insurance[3]	129,031	140,213	158,915	165,726	178,768	201,978	38,567	40,511	44,189	47,003	50,344	57,947
Plus: Adjustment for residence	−185,362	−193,885	−210,922	−225,898	−255,216	−277,336	69,888	82,398	81,859	92,001	91,633	96,184
Equals: Net earnings by place of residence	1,776,040	1,919,565	2,048,442	2,204,794	2,357,473	2,531,549	653,223	714,181	739,032	767,816	817,537	889,812
Plus: Dividends, interest, and rent[5]	408,911	463,876	479,755	512,570	561,696	616,347	176,312	190,951	194,302	200,524	209,005	227,816
Plus: Transfer payments	362,223	376,432	405,040	442,956	468,190	491,838	213,936	214,545	225,354	232,807	243,139	260,799
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,754,569	1,894,024	2,037,680	2,182,201	2,343,614	2,541,045	509,458	530,262	549,870	568,606	612,628	674,120
Other labor income	210,846	218,745	224,098	238,695	253,626	270,596	52,501	52,518	52,970	54,746	58,745	65,676
Proprietors' income[6]	125,018	140,894	156,501	175,522	194,217	199,222	59,943	89,514	98,522	99,466	104,875	111,779
Farm	3,710	6,922	8,130	10,484	13,063	8,225	−3,829	20,363	25,691	20,587	20,099	20,574
Nonfarm	121,308	133,972	148,371	165,038	181,154	190,997	63,772	69,151	72,831	78,879	84,776	91,205
Earnings by industry:												
Farm	8,551	11,678	12,856	15,135	17,940	13,114	1,246	25,349	30,628	25,432	25,142	25,563
Nonfarm	2,081,882	2,241,985	2,405,423	2,581,283	2,773,517	2,997,749	620,656	646,945	670,734	697,386	751,106	826,012
Private	1,818,868	1,972,445	2,112,545	2,256,344	2,427,696	2,620,054	515,928	535,741	556,127	575,608	617,534	684,473
Agricultural services, forestry, fisheries, and other[7]	6,533	6,728	7,205	7,254	10,182	11,411	2,601	2,414	2,349	2,360	3,264	3,866
Agricultural services	6,281	6,486	7,014	7,133	10,033	11,269	2,575	2,401	2,311	2,306	3,226	3,824
Forestry, fisheries, and other[7]	252	242	191	121	149	142	(L)	(L)	(L)	54	(L)	(L)
Mining	6,165	7,386	10,150	6,374	3,207	4,264	1,321	1,457	1,800	1,166	1,031	2,793
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	2,663	(D)	899	1,010	1,312	(D)	417	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	518	(D)	416	439	480	(D)	609	(D)
Construction	91,791	91,618	104,154	118,261	128,258	148,390	38,819	44,433	45,396	51,042	55,721	65,730
Manufacturing	855,883	959,004	1,028,568	1,081,658	1,115,843	1,168,994	156,482	146,232	148,961	145,589	147,990	180,041
Nondurable goods	500,607	553,940	583,118	625,519	649,698	685,759	89,089	88,603	93,806	90,739	90,642	123,792
Food and kindred products	25,489	24,989	18,171	20,572	19,157	21,142	36,154	37,655	36,632	37,730	38,900	38,309
Textile mill products	0	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	312
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	143,490	158,353	162,398	170,874	174,224	167,025	4,512	5,693	6,633	7,625	8,251	8,485
Printing and publishing	25,860	31,286	36,292	40,325	43,874	47,688	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	35,981	37,115	39,313	36,517	36,363	70,097
Petroleum and coal products	699	764	697	566	480	415	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	33,542	40,130	42,985	45,894	42,475	51,090	7,429	(D)	5,429	2,666	(D)	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	355,276	405,064	445,450	456,139	466,145	483,235	67,393	57,629	55,155	54,850	57,348	56,249
Lumber and wood products	589	1,056	1,011	1,572	2,844	3,410	(D)	(D)	1,072	1,368	1,359	1,558
Furniture and fixtures	12,364	13,691	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	624	593
Primary metal industries	8,665	10,324	11,149	13,524	12,169	12,338	640	(D)	289	(L)	(D)	(D)
Fabricated metal products	(D)	203,892	233,586	232,487	230,823	240,445	11,868	13,741	13,331	9,620	11,868	13,072
Machinery, except electrical	48,899	53,784	50,811	52,436	52,219	52,516	2,973	3,056	3,465	4,334	4,970	6,467
Electric and electronic equipment	754	(D)	428	441	1,511	1,431	36,084	21,926	19,593	19,675	17,296	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	41,808	24,285	21,538	24,496	26,066	27,504	(D)	(D)	(D)	(D)	443	(D)
Stone, clay, and glass products	15,519	17,348	19,055	18,864	21,703	24,485	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	27,104	30,416	34,251	37,180	37,989	40,455	0	0	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,171	2,758	3,940	4,611	4,900	5,208	(D)	(D)	(D)	(D)	363	384
Transportation and public utilities	88,128	83,533	91,019	93,031	103,343	107,635	39,859	44,642	49,111	48,997	49,237	47,993
Railroad transportation	3,527	4,315	4,823	4,176	3,721	3,755	5,063	6,838	8,112	7,789	7,665	7,160
Trucking and warehousing	32,393	31,276	33,736	35,944	40,337	43,807	15,750	17,802	20,489	22,051	23,256	23,287
Water transportation	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	0
Other transportation[8]	(D)	(D)	8,110	(D)	11,138	12,292	(D)	(D)	(D)	(D)	(D)	4,043
Communication	27,197	22,801	25,792	25,036	26,075	27,401	10,510	10,808	10,955	9,210	8,046	6,593
Electric, gas, and sanitary services	18,623	17,958	18,558	(D)	22,072	20,380	5,938	6,593	6,856	6,387	6,135	6,910
Wholesale trade	91,993	96,826	97,141	103,472	108,714	121,128	32,672	48,028	45,266	44,558	46,809	45,302
Retail trade	180,812	188,217	187,836	207,519	219,514	236,544	79,316	73,700	74,170	74,033	80,937	85,059
Finance, insurance, and real estate	65,659	67,994	71,794	89,130	104,166	123,055	21,194	22,654	25,078	28,138	33,340	34,825
Banking and credit agencies	32,142	34,182	35,932	35,642	39,697	(D)	14,309	15,125	16,456	16,740	17,757	18,055
Other finance, insurance, and real estate[9]	33,517	33,812	35,862	53,488	64,469	(D)	6,885	7,529	8,622	11,398	15,583	16,770
Services	431,904	471,139	514,678	549,645	634,469	698,633	143,664	152,181	163,996	179,725	199,205	218,864
Hotels and other lodging places	9,885	11,755	12,536	6,237	8,416	7,540	(D)	1,220	1,393	1,270	1,264	1,115
Personal services	23,037	22,957	27,475	29,526	31,801	36,652	7,475	7,561	8,902	9,226	9,235	9,133
Private households	4,947	5,473	5,485	5,484	5,534	5,590	1,686	1,872	1,876	1,865	1,845	1,861
Business services	53,642	61,728	72,821	84,227	95,956	103,400	25,365	28,055	30,397	37,784	42,983	46,723
Auto repair, services, and garages	13,756	15,950	18,401	20,077	21,548	21,788	9,415	10,268	11,737	12,084	16,387	20,185
Miscellaneous repair services	4,900	5,556	7,676	8,147	8,915	11,063	2,478	2,629	2,209	2,469	2,502	2,765
Amusement and recreation services	6,479	7,117	7,658	7,674	7,995	8,597	4,307	4,523	4,684	5,270	5,387	5,665
Motion pictures	(D)	(D)	(D)	606	555	753	(D)	173	252	249	208	152
Health services	218,882	232,849	246,417	259,054	312,804	323,604	64,053	66,325	71,152	73,898	80,495	88,880
Legal services	24,918	28,462	28,900	32,498	35,785	39,758	4,198	4,443	4,812	5,607	5,444	6,526
Educational services	12,241	13,684	14,312	(D)	(D)	(D)	6,431	7,027	7,072	7,586	8,084	8,562
Social services	9,004	9,502	10,917	14,441	16,112	21,698	3,316	3,236	3,440	3,278	3,779	3,823
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	17,546	18,181	18,765	20,584	21,083	22,267	7,020	7,216	7,294	8,293	9,496	9,840
Miscellaneous services	31,907	37,096	42,621	45,180	49,748	70,789	6,191	7,633	8,776	10,846	12,096	13,634
Government and government enterprises	263,014	269,540	292,878	324,939	345,821	377,695	104,728	111,204	114,607	121,778	133,572	141,539
Federal, civilian	26,451	28,425	30,694	31,341	34,178	37,760	7,838	8,447	9,123	9,287	12,119	13,311
Military	2,487	2,676	2,923	3,148	3,396	3,539	1,228	1,218	1,339	1,470	1,589	1,658
State and local	234,076	238,439	259,261	290,450	308,247	336,396	95,662	101,539	104,145	111,021	119,864	126,570

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Kansas City, MO—KS (MSA)						Kenosha, WI (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**18,881,252**	**20,653,938**	**22,370,485**	**23,710,197**	**25,247,607**	**26,905,109**	**1,519,084**	**1,622,415**	**1,640,310**	**1,692,221**	**1,863,383**	**2,060,237**
Nonfarm personal income	18,856,499	20,602,250	22,278,572	23,618,111	25,172,503	26,833,133	1,514,516	1,615,288	1,631,010	1,681,331	1,851,367	2,049,183
Farm income[1]	24,753	51,688	91,913	92,086	75,104	71,976	4,568	7,127	9,300	10,890	12,016	11,054
Population (thousands)[2]	1,460.3	1,479.3	1,499.1	1,525.6	1,550.9	1,575.4	121.0	121.1	121.1	119.4	120.3	122.6
Per capita personal income (dollars)	**12,930**	**13,962**	**14,922**	**15,542**	**16,280**	**17,078**	**12,550**	**13,398**	**13,550**	**14,179**	**15,491**	**16,810**
Derivation of total personal income:												
Total earnings by place of work	14,440,629	16,009,395	17,415,681	18,580,110	19,740,118	20,953,575	956,155	995,736	942,857	870,094	1,061,554	1,169,289
Less: Personal contributions for social insurance[3]	857,315	957,049	1,091,032	1,182,869	1,247,750	1,380,691	57,483	59,974	59,492	53,228	65,663	76,891
Plus: Adjustment for residence	−205,109	−240,530	−286,435	−339,858	−379,137	−365,084	174,989	220,633	259,443	359,161	338,881	404,159
Equals: Net earnings by place of residence	13,378,205	14,811,816	16,038,214	17,057,383	18,113,231	19,207,800	1,073,661	1,156,395	1,142,808	1,176,027	1,334,772	1,496,557
Plus: Dividends, interest, and rent[5]	3,120,910	3,401,628	3,656,762	3,806,727	4,120,614	4,462,916	205,947	221,146	230,329	235,543	243,185	265,798
Plus: Transfer payments	2,382,137	2,440,494	2,675,509	2,846,087	3,013,762	3,234,393	239,476	244,874	267,173	280,651	285,426	297,882
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	11,987,196	13,255,798	14,417,010	15,318,062	16,282,386	17,302,812	782,255	813,358	772,379	705,790	859,913	950,285
Other labor income	1,237,462	1,313,632	1,370,639	1,470,509	1,550,039	1,638,228	114,959	112,427	95,685	82,118	112,072	125,040
Proprietors' income[6]	1,215,971	1,439,965	1,628,032	1,791,539	1,907,693	2,012,535	58,941	69,951	74,793	82,186	89,569	93,964
Farm	7,459	34,575	75,557	76,409	59,221	56,593	1,530	4,150	6,320	7,933	8,884	7,903
Nonfarm	1,208,512	1,405,390	1,552,475	1,715,130	1,848,472	1,955,942	57,411	65,801	68,473	74,253	80,685	86,061
Earnings by industry:												
Farm	24,753	51,688	91,913	92,086	75,104	71,976	4,568	7,127	9,300	10,890	12,016	11,054
Nonfarm	14,415,876	15,957,707	17,323,768	18,488,024	19,665,014	20,881,599	951,587	988,609	933,557	859,204	1,049,538	1,158,235
Private	12,307,331	13,680,212	14,859,594	15,871,928	16,870,336	17,862,174	825,282	855,593	788,978	707,689	894,992	999,674
Agricultural services, forestry, fisheries, and other[7]	52,783	55,945	56,737	55,488	75,424	82,770	1,786	1,822	1,816	1,926	2,687	3,095
Agricultural services	48,831*	51,767*	53,519*	52,488*	70,945*	78,080*	1,562	1,585	1,586	1,674	2,439	2,832
Forestry, fisheries, and other[7]	1,152*	(D)	(D)	(D)	(D)	(D)	224	237	230	252	248	263
Mining	57,674	57,674	67,671	42,655	42,019	40,173	1,587	1,554	2,265	948	984	897
Coal mining	1,495	3,139	2,732	2,566	1,251	1,234	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)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	746,115	946,549	1,110,318	1,287,985	1,380,311	1,345,404	45,696	45,189	45,276	46,425	61,959	62,335
Manufacturing	2,953,594	3,317,487	3,545,862	3,583,028	3,493,683	3,678,893	499,537	515,659	443,378	347,170	489,089	569,358
Nondurable goods	1,182,931	1,273,199	1,349,892	1,445,993	1,540,389	1,672,542	42,870	44,949	46,802	49,939	53,761	60,875
Food and kindred products	231,182*	236,918*	243,314*	244,428*	234,690*	246,855*	22,715	22,728	23,839	25,587	28,074	30,804
Textile mill products	1,684*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	43,977*	46,598*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	113,886*	121,066*	126,531*	134,340*	145,477*	150,881*	(D)	(D)	818	(D)	(D)	(D)
Printing and publishing	413,309*	462,195*	487,277*	511,462*	553,038*	598,094*	6,141	6,377	7,019	7,401	8,409	9,190
Chemicals and allied products	237,394*	267,352*	300,662*	357,639*	408,443*	458,899*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	28,229*	18,998*	20,306	20,936	21,401	25,083*	0	0	0	0	0	0
Tobacco manufactures	112	140	139	165	168	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	85,282*	91,811*	95,624*	93,697*	(D)	1,090	1,627	2,044	2,551	2,266	2,564
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,770,663	2,044,288	2,195,970	2,137,035	1,953,294	2,006,351	456,667	470,710	396,576	297,231	435,328	508,483
Lumber and wood products	(D)	(D)	30,115*	37,723*	47,968*	54,548*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	31,812*	33,582*	33,538*	34,384*	(D)	(D)	(D)	(D)	4,663	(D)	6,461
Primary metal industries	113,843*	122,036*	113,448*	(D)	(D)	92,106*	36,977	37,765	32,323	34,401	32,751	36,178
Fabricated metal products	228,355*	241,993*	263,281*	267,748*	255,416*	246,584*	64,288	73,975	73,210	74,233	79,294	85,340
Machinery, except electrical	202,226*	219,677*	221,802*	230,674*	234,389*	231,030*	23,436	26,797	25,128	23,976	24,066	15,907
Electric and electronic equipment	486,001*	558,174*	619,807*	566,323*	537,707*	545,140*	5,032	6,277	6,790	7,214	7,249	18,775
Transportation equip. excl. motor vehicles	6,163*	(D)	(D)	(D)	(D)	(D)	1,625	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	312,834	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	112,443*	115,819*	109,663*	106,391*	2,384	2,689	2,615	3,177	3,729	3,917
Instruments and related products	52,692*	57,279*	59,327*	59,630*	67,628*	78,859*	79	143	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	18,913*	19,071*	20,108*	19,938*	21,430*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	1,688,816	1,739,623	1,838,855	1,921,846	2,092,784	2,191,583	30,650	34,136	33,451	36,951	39,575	42,742
Railroad transportation	273,340	288,852	283,347	274,126	274,274	249,359	2,270	2,463	2,350	2,249	2,126	1,287
Trucking and warehousing	431,620	468,750	491,261	532,833	546,428	592,387	17,899	20,663	18,736	18,273	19,946	23,640
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	243
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,205	3,855	3,726	4,769	(D)	(D)
Communication	(D)	374,195*	400,394*	441,012*	536,831*	588,828*	2,848	2,701	2,454	2,251	1,061	1,168
Electric, gas, and sanitary services	188,302*	(D)	199,515*	205,456*	229,768*	226,201*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,287,658	1,414,384	1,521,083	1,626,015	1,782,384	1,907,195	21,130	21,433	24,317	24,612	27,056	26,771
Retail trade	1,457,937	1,608,504	1,694,890	1,788,091	1,874,796	1,998,273	78,681	80,097	78,881	81,254	88,853	99,004
Finance, insurance, and real estate	1,055,634	1,143,365	1,266,724	1,441,597	1,605,524	1,700,176	14,168	13,612	14,139	14,899	18,322	20,550
Banking and credit agencies	311,861*	349,105*	376,157*	401,144*	436,783*	(D)	9,533	8,794	9,115	8,889	10,325	12,243
Other finance, insurance, and real estate[9]	722,171*	788,312*	884,365*	977,675*	1,155,770*	(D)	4,635	4,818	5,024	6,010	7,997	8,307
Services	3,007,120	3,396,681	3,757,454	4,125,223	4,523,411	4,917,707	132,047	142,091	145,455	153,504	166,467	174,922
Hotels and other lodging places	82,474*	90,004*	(D)	(D)	107,376*	110,607*	1,047	1,061	1,043	1,397	1,605	1,888
Personal services	156,671	166,912	198,831	216,659	227,869	249,550	7,890	8,339	10,161	10,230	11,039	12,179
Private households	(D)	(D)	(D)	(D)	(D)	(D)	983	1,087	1,090	1,088	1,096	1,113
Business services	595,548	731,806	833,993	935,232	1,026,319	1,111,397	11,940	14,679	16,170	18,814	20,359	20,144
Auto repair, services, and garages	116,062	137,612	159,810	167,213	173,671	189,538	7,613	7,684	6,492	6,923	8,089	8,959
Miscellaneous repair services	62,379	72,221	58,012	70,391	76,836	88,651	1,519	1,981	2,073	2,364	2,384	3,292
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	121,224*	4,511	4,582	4,929	4,566	4,719	4,928
Motion pictures	14,599*	38,426*	45,061*	45,523*	39,008*	41,858*	450	(D)	(D)	(D)	(D)	(D)
Health services	1,011,631	1,067,119	1,151,928	1,243,001	1,401,772	1,532,567	65,920	67,065	66,312	69,699	77,614	78,580
Legal services	249,799	289,920	332,934	381,404	435,324	453,319	5,660	7,155	7,321	8,146	7,881	8,500
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,727	8,197	8,333	8,047	8,646
Social services	55,736*	65,423*	71,603	78,474	82,753	92,524	4,965	5,630	6,097	5,209	6,267	7,621
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	123,458	129,280	134,030	142,593	152,308	163,791	7,970	8,452	8,287	8,258	8,715	9,276
Miscellaneous services	343,222	390,346	437,313	506,570	544,765	593,742	5,067	6,268	7,147	8,216	8,333	9,396
Government and government enterprises	2,108,545	2,277,495	2,464,174	2,616,096	2,794,678	3,019,425	126,305	133,016	144,579	151,515	154,546	158,561
Federal, civilian	720,195	780,950	813,209	828,292	886,093	982,462	6,148	6,656	7,241	7,310	7,600	8,100
Military	157,112	179,336	210,017	228,887	242,223	250,663	3,368	4,026	4,588	4,813	5,179	5,381
State and local	1,231,238	1,317,209	1,440,948	1,558,917	1,666,362	1,786,300	116,789	122,334	132,750	139,392	141,767	145,080

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Killeen—Temple, TX (MSA)						Knoxville, TN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,231,781**	**2,409,233**	**2,603,727**	**2,703,134**	**2,838,705**	**3,003,837**	**5,845,726**	**6,368,462**	**6,728,370**	**7,215,697**	**7,844,895**	**8,525,110**
Nonfarm personal income	2,220,389	2,402,770	2,591,926	2,690,282	2,819,575	2,985,045	5,811,622	6,314,835	6,687,328	7,178,404	7,800,260	8,476,390
Farm income[1]	11,392	6,463	11,801	12,852	19,130	18,792	34,104	53,627	41,042	37,293	44,635	48,720
Population (thousands)[2]	227.5	228.5	232.9	231.8	236.8	239.6	586.1	589.3	589.1	588.5	594.2	599.6
Per capita personal income (dollars)	**9,809**	**10,543**	**11,178**	**11,662**	**11,987**	**12,538**	**9,974**	**10,807**	**11,421**	**12,261**	**13,202**	**14,218**
Derivation of total personal income:												
Total earnings by place of work	1,757,145	1,885,152	2,022,196	2,098,036	2,199,818	2,320,381	4,295,172	4,698,916	4,960,266	5,344,341	5,873,804	6,440,468
Less: Personal contributions for social insurance[3]	90,961	99,378	109,788	116,359	123,558	138,600	250,406	272,114	302,677	325,206	353,083	405,960
Plus: Adjustment for residence	−1,963	11,240	8,798	−537	−3,749	−3,236	13,028	6,303	−13,474	−52,603	−75,129	−98,432
Equals: Net earnings by place of residence	1,664,221	1,797,014	1,921,206	1,981,140	2,072,511	2,178,545	4,057,794	4,433,105	4,644,115	4,966,532	5,445,592	5,936,076
Plus: Dividends, interest, and rent[4]	241,015	273,480	301,940	309,673	320,282	345,520	842,887	957,614	1,029,862	1,068,764	1,143,667	1,250,997
Plus: Transfer payments	326,545	338,739	380,581	412,321	445,912	479,772	945,045	977,743	1,054,393	1,180,401	1,255,636	1,338,037
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,533,218	1,643,237	1,753,323	1,805,996	1,884,466	1,989,095	3,476,228	3,759,589	3,991,781	4,284,361	4,705,850	5,174,724
Other labor income	91,106	98,122	100,375	107,562	113,944	125,264	352,086	365,692	371,796	402,487	437,996	483,334
Proprietors' income[5]	132,821	143,793	168,498	184,478	201,408	206,022	466,858	573,635	596,689	657,493	729,958	782,410
Farm	8,858	3,966	9,368	10,479	16,660	16,355	27,890	47,517	35,043	31,327	38,360	42,422
Nonfarm	123,963	139,827	159,130	173,999	184,748	189,667	438,968	526,118	561,646	626,166	691,598	739,988
Earnings by industry:												
Farm	11,392	6,463	11,801	12,852	19,130	18,792	34,104	53,627	41,042	37,293	44,635	48,720
Nonfarm	1,745,753	1,878,689	2,010,395	2,085,184	2,180,688	2,301,589	4,261,068	4,645,289	4,919,224	5,307,048	5,829,169	6,391,748
Private	804,796	901,963	972,971	1,029,132	1,059,920	1,115,628	3,465,564	3,820,722	4,034,131	4,374,961	4,791,522	5,295,424
Agricultural services, forestry, fisheries, and other[7]	4,281	3,686	3,772	3,712	7,274	7,671	12,826	12,078	12,641	13,029	18,387	20,639
Agricultural services	4,182	3,649	3,637	3,511	7,141	7,525	11,060*	10,379*	10,826*	11,121*	(D)	20,106
Forestry, fisheries, and other[7]	99	(L)	135	201	133	146	(D)	(D)	(D)	(D)	(D)	533
Mining	5,251	4,809	5,411	4,288	5,223	5,517	54,521	60,583	56,314	53,697	55,788	49,369
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	3,964	3,410	(D)	(D)	(D)	(D)	6,417*	6,595*	9,341*	3,458*	2,956*	2,852*
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	1,283	1,395	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12,794*	12,464*
Construction	96,626	111,829	123,325	132,443	131,166	133,224	275,045	319,457	327,379	368,889	426,646	480,860
Manufacturing	159,905	181,306	190,493	197,727	199,179	208,866	1,063,093	1,200,643	1,233,479	1,278,170	1,275,292	1,387,914
Nondurable goods	73,849	82,144	85,106	92,130	99,407	109,007	595,592*	376,031*	362,967*	387,811*	410,500	446,450
Food and kindred products	4,170*	5,286*	5,632*	4,946*	5,182*	6,022*	(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)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	9,424*	9,772*	10,554*	12,258	11,770	12,283	41,963*	48,458*	56,500*	61,755*	68,984	81,960*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	782	(D)	(D)	(D)	(D)	(D)	20,636*
Petroleum and coal products	438	830	1,127	1,224	1,223	1,560	1,273*	1,640*	2,366*	557*	530*	1,286*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	45,736*	51,256*	52,129*	57,291*	63,903*	69,739*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	7,413*	6,513*	(D)	(D)	(D)	(D)
Durable goods	86,056	99,162	105,387	105,597	99,772	99,859	451,846*	806,508*	848,092*	874,404*	864,792	941,464
Lumber and wood products	15,165*	16,146*	14,797	15,439*	12,729*	9,384*	27,261*	29,957*	32,339	38,295	50,233	55,845
Furniture and fixtures	12,196*	15,608*	22,914*	22,460*	21,838*	24,603*	(D)	(D)	28,242*	29,558*	34,976*	36,223*
Primary metal industries	3,936	4,848	5,261	5,440	5,822	8,259	(D)	196,309	164,803*	(D)	143,624*	156,487*
Fabricated metal products	318*	283*	(D)	521*	348*	345*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	34,606*	39,429*	37,825*	35,189*	36,394*	39,384*	60,636*	73,544*	73,869*	73,176*	72,862*	55,142*
Electric and electronic equipment	(D)	(D)	896*	(D)	(D)	1,582*	(D)	(D)	70,761*	62,468*	59,318*	58,835*
Transportation equip. excl. motor vehicles	(D)	(D)	2,379	2,228	1,657*	(D)	(D)	16,169*	23,712*	27,482*	36,613*	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	12,369*	13,652*	14,096*	17,460*	12,971*	4,246*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	42,784	(D)	(D)	(D)	(D)	73,142
Miscellaneous manufacturing industries	2,646	3,828	3,824	3,609	4,153	2,909	16,051*	17,813*	19,612*	21,083*	20,999*	75,736*
Transportation and public utilities	77,504	82,203	83,534	82,016	78,512	79,807	244,534	261,240	264,197	284,583	330,099	388,404
Railroad transportation	26,791	29,558	29,202	25,748	23,284	22,247	42,321	46,424	45,024	42,463	42,083*	45,436
Trucking and warehousing	10,740	11,821	12,895	13,167	14,932	15,457	81,442	98,828	99,491	111,529	145,420	193,063
Water transportation	(D)	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[6]	(D)	8,511	(D)	(D)	(D)	(D)	(D)	29,048*	28,966*	30,373*	32,384*	(D)
Communication	23,435	22,574	22,224	22,292	21,133*	23,620	83,379*	67,221*	(D)	81,220*	(D)	(D)
Electric, gas, and sanitary services	8,146	9,601	10,677	13,911	12,482	11,627	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	40,239	46,547	51,806	52,095	50,407	54,808	279,032	297,040	339,458	368,848	410,455	455,823
Retail trade	149,344	165,157	173,495	179,683	177,399	183,914	491,017	529,646	554,685	602,882	649,459	709,797
Finance, insurance, and real estate	46,377	53,706	59,282	64,582	65,898	68,057	170,182	173,991	184,311	208,611	240,166	252,685
Banking and credit agencies	21,785	25,679	29,179	(D)	(D)	33,202	(D)	(D)	(D)	(D)	90,734*	98,713*
Other finance, insurance, and real estate[8]	24,592	28,027	30,103	(D)	(D)	34,855	92,038*	97,997*	(D)	(D)	144,438*	148,021*
Services	225,269	252,720	281,853	312,586	344,862	373,764	875,314	966,044	1,061,667	1,196,252	1,385,230	1,549,933
Hotels and other lodging places	2,826	2,722*	3,870	4,166	6,224	6,617	50,498*	53,329*	52,150*	56,859*	63,069*	70,274*
Personal services	16,277	16,583	20,925	22,013	23,472	24,659	43,931	46,251	59,016	65,527*	73,152*	79,341*
Private households	3,604	4,046	4,122	4,175	4,209	4,252	14,216	15,851	15,972	16,002	16,205	16,434
Business services	21,059	26,579	30,857	35,555	49,702	51,492	123,494	140,658	162,464	179,446	213,809	264,240
Auto repair, services, and garages	11,559	14,269	17,003	17,766	17,992	17,869	32,755	39,448	47,394	52,556	59,003	68,039
Miscellaneous repair services	9,075	11,857	12,497	15,861	6,256	5,557	16,715*	19,227*	20,261	22,510	23,041	26,746
Amusement and recreation services	1,795*	2,385*	3,064	3,964	4,769	4,762	16,669*	17,485*	19,569*	26,531*	33,044*	35,392*
Motion pictures	(D)	(D)	(D)	1,037	823	793	(D)	(D)	(D)	(D)	(D)	(D)
Health services	126,432	137,092	146,912	162,119	177,166	198,758	368,685	402,670	428,918	475,656	565,011	625,692
Legal services	6,951	7,543	8,867	10,399	11,019	11,947	49,853	62,707	69,992	81,055	86,038	98,335
Educational services	4,883	5,119	5,568	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	3,495	4,437	5,175	5,033	5,185	5,548	10,894*	12,264*	13,177*	14,099*	13,603*	15,398*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,853	9,367	12,075	10,760	11,759	12,774	33,246	35,141	36,238	37,689	39,854	42,758
Miscellaneous services	7,324	9,508	9,947	13,806	20,026	21,851	93,181	97,434	111,142	140,265	(D)	170,241
Government and government enterprises	940,957	976,726	1,037,424	1,056,052	1,120,768	1,185,961	795,504	824,567	885,093	932,087	1,037,647	1,096,324
Federal, civilian	162,509	177,698	180,974	180,900	193,443	209,134	300,364	306,842	296,590	291,757	318,451	345,877
Military	615,877	619,986	656,118	662,133	695,662	721,930	13,324	14,571	15,935	16,736	18,115	18,681
State and local	162,571	179,042	200,332	213,019	231,663	254,897	481,816	503,154	572,568	623,594	701,081	731,766

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Kokomo, IN (MSA)						La Crosse, WI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,131,799**	**1,289,045**	**1,389,684**	**1,403,384**	**1,436,117**	**1,561,935**	**1,066,825**	**1,150,776**	**1,206,541**	**1,274,496**	**1,365,911**	**1,462,534**
Nonfarm personal income	1,126,828	1,262,924	1,359,347	1,376,430	1,412,021	1,540,545	1,061,230	1,139,419	1,197,948	1,260,129	1,350,629	1,452,869
Farm income[1]	4,971	26,121	30,337	26,954	24,096	21,390	5,595	11,357	8,593	14,367	15,282	9,665
Population (thousands)[2]	101.1	101.5	101.5	101.0	99.6	98.9	93.0	93.9	94.2	94.4	94.9	95.5
Per capita personal income (dollars)	**11,199**	**12,703**	**13,691**	**13,888**	**14,415**	**15,786**	**11,467**	**12,261**	**12,813**	**13,499**	**14,389**	**15,312**
Derivation of total personal income:												
Total earnings by place of work	1,016,353	1,200,476	1,317,409	1,305,167	1,321,773	1,451,275	856,258	931,215	973,481	1,027,898	1,101,481	1,188,918
Less: Personal contributions for social insurance[3]	56,462	66,244	77,143	77,252	77,436	89,350	53,160	57,909	63,450	65,989	70,394	80,531
Plus: Adjustment for residence	−160,160	−191,165	−210,893	−203,942	−199,262	−224,744	−82,486	−87,606	−95,953	−99,114	−106,900	−117,737
Equals: Net earnings by place of residence	799,731	943,067	1,029,373	1,023,973	1,045,075	1,137,181	720,612	785,700	814,078	862,795	924,187	990,650
Plus: Dividends, interest, and rent[4]	169,653	181,541	191,063	196,176	199,910	217,923	171,597	188,217	198,293	210,072	230,558	251,888
Plus: Transfer payments	162,415	164,437	169,248	183,235	191,132	206,831	174,616	176,859	194,170	201,629	211,166	219,996
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	852,237	993,149	1,096,488	1,087,504	1,098,841	1,212,851	715,587	772,292	810,137	849,851	910,507	989,798
Other labor income	111,813	127,055	132,494	129,667	131,625	144,730	74,483	77,834	78,896	82,342	88,012	95,491
Proprietors' income[5]	52,303	80,272	88,427	87,996	91,307	93,694	66,188	81,089	84,448	95,705	102,962	103,629
Farm	149	21,352	25,745	22,555	19,677	17,143	3,073	8,885	6,118	11,912	12,675	7,036
Nonfarm	52,154	58,920	62,682	65,441	71,630	76,551	63,115	72,204	78,330	83,793	90,287	96,593
Earnings by industry:												
Farm	4,971	26,121	30,337	26,954	24,096	21,390	5,595	11,357	8,593	14,367	15,282	9,665
Nonfarm	1,011,382	1,174,355	1,287,072	1,278,213	1,297,677	1,429,885	850,663	919,858	964,888	1,013,531	1,086,199	1,179,253
Private	923,583	1,082,475	1,190,116	1,174,765	1,185,821	1,310,089	738,859	802,622	838,342	877,564	943,424	1,029,058
Agricultural services, forestry, fisheries, and other[7]	2,963	3,051	3,268	3,510	4,633	5,582	2,052	2,100	2,107	2,262	3,086	3,420
Agricultural services	2,922	3,039	3,221	3,432	4,582	5,525	1,927	2,015	1,986	2,133	2,969	3,291
Forestry, fisheries, and other[7]	(L)	(L)	(L)	78	51	57	125	85	121	129	117	129
Mining	1,291	1,419	1,980	1,179	1,140	1,237	1,179	1,282	1,829	565	572	552
Coal mining	(L)	(D)	54	59	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	881	(D)	(D)	(D)	(D)	1,179	1,282	1,829	565	572	552
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	26,660	39,823	38,658	39,537	40,936	41,109	48,618	53,827	51,184	56,716	63,711	69,226
Manufacturing	639,042	761,428	850,718	807,125	787,940	882,836	233,027	250,754	261,463	258,355	276,331	302,588
Nondurable goods	13,982	14,244	13,762	14,797	15,680	16,253	93,887	101,785	99,821	98,451	120,376	143,517
Food and kindred products	8,045	(D)	(D)	(D)	(D)	(D)	47,645	49,533	48,904	52,961	57,356	73,759
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)	8,801	8,038	4,843	6,364	(D)	(D)
Paper and allied products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	0	0	0
Printing and publishing	3,883*	3,992*	4,204*	4,320*	4,110*	4,428*	9,310	10,109	13,636	14,804	15,052	15,571
Chemicals and allied products	0	0	0	(D)	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	131	139	105	137	76	(L)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	27,601	31,133	31,571	23,576	37,091	41,923
Leather and leather products	(D)	(D)	(D)	0	0	0	0	0	(D)	(D)	(D)	0
Durable goods	625,060	747,184	836,956	792,328	772,260	866,583	139,140	148,969	161,642	159,904	155,955	159,071
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	6,922	9,354	10,724	12,218	13,703	15,075
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	63	(D)	0	(D)	(D)	115
Primary metal industries	111,176	125,435	130,142	90,152	81,374	96,032	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	11,599	12,123	12,451	18,278	22,860	22,882
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)	717	920	(D)	633	678	824
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	5,147	(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	5,065*	5,678*	5,644*	6,424*	6,718*	7,066*	2,946	3,776	3,006	2,157	(D)	3,474
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	924	1,049	971	(D)	1,325	1,532
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	535	3,112	3,639	3,555	3,681	1,286	3,789
Transportation and public utilities	39,271	42,936	41,772	44,557	47,353	50,862	59,523	69,157	71,118	70,862	67,599	72,559
Railroad transportation	1,610	1,426	(D)	1,785	2,627	3,036	14,751	16,843	16,849	15,016	13,262	14,442
Trucking and warehousing	(D)	16,009	17,041	18,463	19,615	21,299	13,960	15,247	15,502	16,263	19,263	20,605
Water transportation	0	0	0	0	0	0	704	1,062	1,151	429	466	910
Other transportation[8]	3,359	(D)	(D)	(D)	(D)	(D)	2,734	3,317	3,845	4,046	4,857	5,019
Communication	(D)	10,161*	10,788*	10,265*	10,125*	10,373*	12,014	15,552	18,162	18,560	12,313	12,941
Electric, gas, and sanitary services	10,944*	10,228*	9,634	10,219	10,977	11,611	15,360	17,136	15,609	16,548	17,438	18,642
Wholesale trade	18,954	21,073	23,056	24,514	25,641	28,264	66,421	72,389	78,541	86,738	101,686	115,007
Retail trade	79,601	84,609	90,005	95,282	99,366	107,240	99,793	106,603	109,910	117,602	119,030	126,001
Finance, insurance, and real estate	22,543	23,290	24,972	27,464	30,143	33,415	23,444	24,288	25,868	29,681	30,505	36,037
Banking and credit agencies	11,347	11,940	12,826	13,700	14,461	14,521	11,408	11,782	12,861	14,044	13,842	15,405
Other finance, insurance, and real estate[9]	11,196	11,350	12,146	13,764	15,682	18,894	12,036	12,506	13,007	15,637	16,663	20,632
Services	93,258	104,846	115,687	131,597	148,669	159,544	204,802	222,222	236,322	254,783	280,904	303,668
Hotels and other lodging places	1,276*	1,336*	1,551*	1,568*	1,519*	1,607*	4,914	3,609	3,235	4,305	5,425	5,743
Personal services	7,614	7,808	8,981	9,426	10,396	11,710	10,604	11,681	13,156	14,341	15,033	17,509
Private households	994	1,096	1,097	1,092	1,100	1,113	2,393	2,653	2,662	2,647	2,666	2,710
Business services	7,587	9,179	15,082	23,911	26,928	24,830	21,874	24,342	25,083	26,837	31,925	37,007
Auto repair, services, and garages	4,864	5,753	6,393	6,765	7,485	8,482	5,157	6,601	7,145	7,479	8,202	8,899
Miscellaneous repair services	2,211	2,631	2,404	3,097	2,828	3,379	2,057	2,268	2,142	2,366	2,639	2,767
Amusement and recreation services	1,889	2,037	2,334	2,509	2,771	2,758	2,004	2,250	2,845	3,553	4,051	4,108
Motion pictures	317*	(D)	(D)	(D)	(D)	(D)	249	254	184	125	(L)	(L)
Health services	47,168	52,441	54,100	56,255	65,925	69,930	120,511	126,012	136,398	145,244	158,760	167,560
Legal services	4,967	6,159	6,428	7,591	7,917	8,663	5,752	7,082	7,658	8,073	8,719	10,015
Educational services	1,160	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	2,396	2,577	3,030	3,149	3,678	4,009	9,087	9,159	8,720	10,427	11,654	12,008
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,113	7,540	7,669	8,091	8,679	9,322	6,245	6,692	6,704	6,775	7,198	7,779
Miscellaneous services	3,593	4,652	4,951	6,381	7,390	11,539	10,128	13,017	12,967	15,123	16,360	18,753
Government and government enterprises	87,799	91,880	96,956	103,448	111,856	119,796	111,804	117,236	126,546	135,967	142,775	150,195
Federal, civilian	8,361	8,972	9,685	9,981	10,239	11,524	9,618	10,150	10,815	10,786	11,909	12,983
Military	2,553	2,326	2,596	3,043	3,228	3,386	2,759	3,231	3,673	3,986	4,277	4,579
State and local	76,885	80,582	84,675	90,424	98,389	104,886	99,427	103,855	112,058	121,195	126,589	132,633

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lafayette, LA (MSA)						Lafayette, IN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,659,921**	**2,735,903**	**2,871,171**	**2,700,815**	**2,594,275**	**2,805,057**	**1,269,890**	**1,380,693**	**1,457,854**	**1,551,700**	**1,651,539**	**1,777,039**
Nonfarm personal income	2,653,754	2,732,012	2,868,533	2,696,136	2,587,943	2,789,523	1,262,967	1,355,068	1,436,130	1,532,067	1,631,704	1,763,580
Farm income[1]	6,167	3,891	2,638	4,679	6,332	15,534	6,923	25,625	21,724	19,633	19,835	13,459
Population (thousands)[2]	214.3	214.2	216.6	217.4	212.5	209.6	124.1	124.4	124.5	124.2	124.5	125.4
Per capita personal income (dollars)	**12,412**	**12,774**	**13,258**	**12,422**	**12,207**	**13,380**	**10,229**	**11,101**	**11,709**	**12,497**	**13,263**	**14,175**
Derivation of total personal income:												
Total earnings by place of work	2,316,869	2,390,410	2,483,659	2,215,507	2,081,306	2,299,533	1,027,959	1,134,422	1,197,491	1,279,082	1,371,383	1,475,468
Less: Personal contributions for social insurance[3]	123,544	128,841	141,502	136,771	127,220	146,605	51,151	56,326	62,806	67,746	72,330	81,871
Plus: Adjustment for residence	−176,233	−179,488	−192,679	−153,653	−132,160	−163,721	−99,424	−110,699	−119,255	−130,393	−142,489	−153,809
Equals: Net earnings by place of residence	2,017,092	2,082,081	2,149,478	1,925,083	1,821,926	1,989,207	877,384	967,397	1,015,430	1,080,943	1,156,564	1,239,788
Plus: Dividends, interest, and rent[4]	377,630	391,723	432,479	427,237	416,895	450,374	227,071	241,668	261,301	274,261	288,296	315,100
Plus: Transfer payments	265,199	262,099	289,214	348,495	355,454	365,476	165,435	171,628	181,123	196,496	206,679	222,151
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,901,028	1,958,254	2,029,744	1,769,056	1,644,690	1,823,472	847,303	921,358	978,575	1,046,162	1,122,403	1,215,196
Other labor income	196,538	193,963	193,613	168,501	157,159	175,787	97,637	103,210	104,903	113,459	120,938	129,833
Proprietors' income[5]	219,303	238,193	260,302	277,950	279,457	300,274	83,019	109,854	114,013	119,461	128,042	130,439
Farm	3,177	1,012	−210	1,853	3,354	12,540	3,667	22,423	18,560	16,520	16,607	10,265
Nonfarm	216,126	237,181	260,512	276,097	276,103	287,734	79,352	87,431	95,453	102,941	111,435	120,174
Earnings by industry:												
Farm	6,167	3,891	2,638	4,679	6,332	15,534	6,923	25,625	21,724	19,633	19,835	13,459
Nonfarm	2,310,702	2,386,519	2,481,021	2,210,828	2,074,974	2,283,999	1,021,036	1,108,797	1,175,767	1,259,449	1,351,548	1,462,009
Private	2,093,156	2,162,401	2,246,176	1,970,387	1,837,831	2,036,370	753,877	826,597	872,031	935,810	1,006,710	1,092,739
Agricultural services, forestry, fisheries, and other[7]	6,610	5,642	8,175	9,037	9,462	11,285	3,991	3,816	3,785	4,031	5,509	6,195
Agricultural services	5,356	5,118	6,708	6,734	7,916	9,569	3,953	3,788	3,765	4,033	5,503	6,192
Forestry, fisheries, and other[7]	1,254	524	1,467	2,303	1,546	1,716	(L)	(L)	(L)	(L)	(L)	(L)
Mining	573,900	581,940	619,536	460,283	389,239	451,573	2,624	2,865	3,696	2,061	2,639	2,578
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,691	1,688	2,374	703	699	698
Metal mining	(L)	(L)	(L)	(D)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	915	1,155	1,300	1,337	1,930	1,870
Construction	166,074	158,261	144,954	114,367	100,064	105,260	43,717	48,689	55,530	63,567	77,837	88,243
Manufacturing	120,806	127,377	130,124	121,179	126,786	159,295	285,324	323,987	336,053	358,202	381,521	408,651
Nondurable goods	65,268	67,734	72,165	81,739	92,279	109,346	120,972	134,780	138,200	143,682	149,941	149,297
Food and kindred products	29,816	29,230	30,576	31,270	33,006	33,346	43,614	46,866	49,270	50,227	50,663	43,140
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	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	6,321	6,379*	6,319*	6,506*	7,167*	8,108*	7,079	7,352	7,942	7,485	7,587	7,801
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	73,586	78,151
Petroleum and coal products	2,858	2,706*	2,649*	2,279	2,021	4,453	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	664	815	1,057*	(D)	(D)	652	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	(D)	0	0	0	0	0	0	0	0	0	0
Durable goods	55,538	59,643	57,959	39,440	34,507	49,949	164,352	189,207	197,853	214,520	231,580	259,354
Lumber and wood products	1,463*	1,484*	1,457*	1,119*	843*	653*	(D)	(D)	(D)	(D)	5,693	3,893
Furniture and fixtures	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	789	677	661	(D)	59,540	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	6,156*	6,003*	7,061*	6,587*	5,536*	(D)	9,123	10,725	13,492	15,156	16,659	18,918
Machinery, except electrical	34,159	38,245	36,428	22,143*	18,036*	32,641	41,413	49,269	49,664	49,088	54,074	67,258
Electric and electronic equipment	(D)	(D)	4,541	2,365	2,007	2,679	(D)	(D)	16,749	13,859	13,692	13,015
Transportation equip. excl. motor vehicles	(D)	660	490	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	35,590	45,336
Stone, clay, and glass products	5,732*	5,227*	4,813*	3,651*	(D)	(D)	2,217	2,734	2,757	3,027	3,541	4,127
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,183	1,196	1,209	545	2,239	3,119*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	195,272	205,710	214,488	202,061	176,377	178,370	49,634	53,342	50,945	49,218	50,926	55,072
Railroad transportation	18,420	19,664	18,133	16,837	15,350	14,291	11,417	11,664	10,241	7,653	5,035	5,988
Trucking and warehousing	30,597	36,842	39,027	34,927	33,921	38,743	16,461	18,210	16,244	16,942	19,155	21,029
Water transportation	11,737	12,935	13,247*	17,427*	14,341*	10,517*	0	0	0	0	0	0
Other transportation[8]	43,745	45,721	48,221*	39,647*	37,224*	43,748*	1,804	2,270	3,254	3,788	4,171	4,231
Communication	49,810	45,904	42,236	37,134	36,986	37,177	14,698	14,856	14,219	14,264	15,555	15,920
Electric, gas, and sanitary services	40,963	44,644	52,803	55,042	37,719	33,121	5,254	6,342	6,987	6,571	7,010	7,904
Wholesale trade	166,935	166,686	166,385	140,354	130,805	146,279	30,463	32,081	34,340	35,400	34,643	37,320
Retail trade	240,463	239,911	242,015	223,591	217,250	232,843	105,684	110,022	116,869	121,367	129,341	138,212
Finance, insurance, and real estate	88,076	88,868	92,494	93,704	85,907	97,198	55,026	57,251	60,714	69,122	74,161	78,264
Banking and credit agencies	43,301*	42,540*	43,896*	42,478*	(D)	(D)	16,141	16,842	18,285	22,248	20,874	20,646
Other finance, insurance, and real estate[9]	39,382*	40,681*	42,430*	44,705*	48,617*	58,898*	38,885	40,409	42,429	46,874	53,287	57,618
Services	535,020	588,006	628,005	605,811	601,941	654,267	177,414	194,544	210,099	232,842	250,133	278,204
Hotels and other lodging places	11,455*	12,419*	11,430*	8,574*	8,612*	8,667*	5,810	6,095	6,248	5,911	6,127	6,408
Personal services	20,977	21,742	27,597	26,819	26,351	28,028	10,835	11,389	14,064	15,058	13,879	15,595
Private households	11,391	12,673	12,738	12,687	12,568	12,530	2,692	2,986	2,990	2,973	2,994	3,029
Business services	169,561	184,258	189,872	162,436	145,905	167,948	22,074	26,231	31,087	39,689	46,967	52,966
Auto repair, services, and garages	15,207	16,570	20,681	20,052	19,190	20,832	6,532	8,312	9,423	10,325	11,609	13,089
Miscellaneous repair services	11,855	14,248	13,824	10,936	7,549	7,889	3,320	3,409	2,776	3,217	3,151	3,337
Amusement and recreation services	6,198*	7,672*	9,975	11,396	10,801	11,136	1,966	2,015	2,174	2,504	2,724	2,991
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	135,946	150,569	164,410	168,743	187,731	198,827	89,271	94,610	99,730	108,039	117,421	129,996
Legal services	64,468	78,583	83,867	96,562	100,488	107,626	8,108	9,689	10,214	11,031	11,400	12,642
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,714	1,910	2,122	2,145	2,337	2,515
Social services	5,886	5,998	6,012	6,591	6,504	6,704	4,666	5,111	5,520	5,927	6,874	8,627
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,811	12,777	11,944	12,442	12,752	13,739	9,219	9,662	9,730	10,208	10,850	11,590
Miscellaneous services	61,430	61,060	66,044	58,448	53,076	60,193	10,476	12,188	13,027	14,801	12,648	14,194
Government and government enterprises	217,546	224,118	234,845	240,441	237,143	247,629	267,159	282,200	303,736	323,639	344,838	369,270
Federal, civilian	22,190	22,904	25,423	25,259	26,392	28,514	13,812	14,569	15,187	15,148	16,256	18,223
Military	5,040	5,227	5,647	6,045	6,592	6,825	4,790	4,740	5,350	5,929	6,424	6,506
State and local	190,316	195,987	203,775	209,137	204,159	212,290	248,557	262,891	283,199	302,562	322,158	344,541

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lake Charles, LA (MSA)						Lake County, IL (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,877,857**	**1,875,028**	**1,924,193**	**1,948,942**	**2,036,702**	**2,147,731**	**7,343,704**	**8,161,175**	**8,946,311**	**9,745,503**	**10,869,363**	**11,892,346**
Nonfarm personal income	1,870,654	1,868,475	1,922,168	1,947,361	2,034,791	2,132,189	7,338,544	8,155,166	8,938,382	9,738,833	10,861,788	11,885,436
Farm income[1]	7,203	6,553	2,025	1,581	1,911	15,542	5,160	6,009	7,929	6,670	7,575	6,910
Population (thousands)[2]	175.3	175.1	174.3	172.9	172.3	172.4	456.0	459.2	468.6	476.5	485.6	495.3
Per capita personal income (dollars)	**10,713**	**10,710**	**11,042**	**11,272**	**11,824**	**12,461**	**16,105**	**17,773**	**19,092**	**20,453**	**22,382**	**24,009**
Derivation of total personal income:												
Total earnings by place of work	1,494,280	1,452,451	1,457,886	1,448,960	1,522,572	1,604,639	4,031,894	4,498,185	4,974,690	5,457,409	5,922,175	6,653,021
Less: Personal contributions for social insurance[3]	78,641	77,942	82,303	88,836	92,391	101,535	233,281	261,705	303,195	342,041	370,654	436,209
Plus: Adjustment for residence	−83,406	−65,545	−62,351	−64,063	−67,306	−67,558	1,673,894	1,859,538	2,065,607	2,257,035	2,650,175	2,783,583
Equals: Net earnings by place of residence	1,332,233	1,308,964	1,313,232	1,296,061	1,362,875	1,435,546	5,472,507	6,096,018	6,737,102	7,372,403	8,201,696	9,000,395
Plus: Dividends, interest, and rent[5]	251,182	273,878	297,989	303,044	311,773	335,328	1,251,958	1,428,371	1,515,702	1,647,484	1,904,135	2,087,144
Plus: Transfer payments	294,442	292,186	312,972	349,837	362,054	376,857	619,239	636,786	693,507	725,616	763,532	804,807
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,198,913	1,161,137	1,167,689	1,147,946	1,205,582	1,260,732	3,234,402	3,599,665	3,964,553	4,349,774	4,710,954	5,322,370
Other labor income	173,014	158,502	152,238	153,756	166,291	175,588	302,611	323,823	342,587	374,209	413,715	473,494
Proprietors' income[6]	122,353	132,812	137,959	147,258	150,699	168,319	494,881	574,697	667,550	733,426	797,506	857,157
Farm	5,630	5,018	571	187	491	14,159	61	998	2,979	1,801	2,474	1,851
Nonfarm	116,723	127,794	137,388	147,071	150,208	154,160	494,820	573,699	664,571	731,625	795,032	855,306
Earnings by industry:												
Farm	7,203	6,553	2,025	1,581	1,911	15,542	5,160	6,009	7,929	6,670	7,575	6,910
Nonfarm	1,487,077	1,445,898	1,455,861	1,447,379	1,520,661	1,589,097	4,026,734	4,492,176	4,966,761	5,450,739	5,914,600	6,646,111
Private	1,311,313	1,266,612	1,269,046	1,261,369	1,331,332	1,395,308	3,162,441	3,559,947	3,951,177	4,356,148	4,785,949	5,469,888
Agricultural services, forestry, fisheries, and other[7]	5,439	5,169	5,670	5,407	5,034	5,260	31,207	32,173	36,654	40,429	47,103	65,867
Agricultural services	4,143	4,068	3,877	3,507	3,947	4,158	30,405	31,514	36,174	40,104	46,795	65,551
Forestry, fisheries, and other[7]	1,296	1,101	1,793	1,900	1,087	1,102	802	659	480	325	308	316
Mining	77,152	78,055	81,294	49,321	36,240	37,853	42,649	45,317	55,147	38,970	34,074	24,840
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	52	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,125
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17,677
Construction	201,658	128,219	118,966	146,920	123,069	116,559	220,454	261,711	284,075	320,800	387,777	435,580
Manufacturing	384,960	379,951	377,423	375,755	453,313	481,503	1,043,377	1,157,410	1,321,588	1,382,791	1,430,395	1,630,340
Nondurable goods	365,497	364,205	361,618	361,009	395,882	407,713	530,673	592,884	663,907	711,363	758,460	876,532
Food and kindred products	10,624	10,178	8,736	(D)	5,835	5,740	68,975	71,063	74,002	81,723	82,031	92,298
Textile mill products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(L)	67	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,473	15,709
Paper and allied products	(D)	(D)	(D)	0	0	(D)	20,368	23,386	23,507	22,332	24,527	39,606
Printing and publishing	7,903	7,748	7,928	7,636	7,931	7,247	57,853	63,440	98,808	102,531	98,161	119,635
Chemicals and allied products	192,195	192,902	191,028	195,812	213,231	212,264	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	153,609	152,058	152,514	147,647	165,845	179,511	333	325	349	456	510	8,338
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	1,395	1,983	2,651	(D)	40,512	45,690	41,513	38,273	39,133	20,066
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	19,463	15,746	15,805	14,746	57,431	73,790	512,704	564,526	657,681	671,428	671,935	753,808
Lumber and wood products	1,617	1,156	1,053	663	770	823	9,553	10,403	14,259	15,936	17,533	19,455
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	9,850	9,070	9,082	8,646	9,969	11,309
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	25,210	28,936	26,991	25,784	18,569	20,390
Fabricated metal products	2,649	1,745	2,609	3,074	3,312	4,767	47,884	50,852	53,069	62,480	72,139	80,138
Machinery, except electrical	3,065	3,888	3,512	3,337	3,439	4,340	176,182	187,682	237,338	217,311	203,942	186,874
Electric and electronic equipment	(D)	0	0	0	0	0	73,650	86,159	83,089	75,152	73,619	79,346
Transportation equip. excl. motor vehicles	(D)	(D)	3,023	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,767	9,253
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	853	1,158	(D)	(D)	3,614	7,172
Stone, clay, and glass products	5,243	4,088	3,797	3,796	3,395	2,899	28,687	36,416	34,022	27,061	28,513	45,384
Instruments and related products	719	632	(D)	(D)	653	646	133,156	143,280	181,880	217,067	221,376	277,313
Miscellaneous manufacturing industries	(D)	347	451	160	294	(D)	(D)	(D)	10,287	13,826	16,894	17,174
Transportation and public utilities	123,574	128,376	130,375	122,754	119,823	130,990	160,995	175,617	200,731	218,574	238,070	260,935
Railroad transportation	9,822	10,949	11,244	8,843	6,633	(D)	5,042	5,303	5,008	5,237	(D)	5,316
Trucking and warehousing	19,393	22,576	22,820	23,989	23,103	24,898	31,388	38,083	39,336	41,401	46,324	50,064
Water transportation	21,733	22,495	22,667	14,306	16,169	16,035	2,149	2,611	2,866	3,279	(D)	3,944
Other transportation[8]	8,344	6,798	6,932	8,751	9,230	(D)	22,882	26,285	46,286	59,537	64,325	71,925
Communication	28,073	26,431	25,458	21,902	20,688	16,307	37,299	37,287	38,957	39,191	44,461	47,608
Electric, gas, and sanitary services	36,209	39,127	41,254	44,963	44,000	48,028	62,235	66,048	68,278	69,929	73,699	82,078
Wholesale trade	70,651	75,413	68,372	63,984	64,782	65,019	277,617	323,079	282,421	323,578	368,993	489,896
Retail trade	138,709	141,534	142,756	138,071	142,291	147,053	417,899	464,299	517,561	562,794	638,446	714,987
Finance, insurance, and real estate	47,885	50,139	51,531	52,170	54,339	59,458	106,564	117,133	118,596	164,297	214,817	268,645
Banking and credit agencies	27,448	29,031	28,474	28,681	28,012	28,635	51,785	60,479	60,370	70,583	75,722	90,025
Other finance, insurance, and real estate[9]	20,437	21,108	23,057	23,489	26,327	30,823	54,779	56,654	58,226	93,714	139,095	178,620
Services	261,285	279,756	292,659	306,987	332,441	351,613	861,679	983,208	1,134,404	1,303,915	1,426,274	1,578,798
Hotels and other lodging places	7,452	6,215	5,950	5,246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	16,513	16,965	20,988	22,178	21,957	23,192	41,674	44,851	54,595	63,882	67,592	72,835
Private households	9,325	10,379	10,432	10,389	10,289	10,258	20,211	22,477	22,508	22,364	22,118	22,321
Business services	40,104	42,755	45,440	44,540	45,995	49,860	295,212	349,759	428,833	524,808	567,134	635,151
Auto repair, services, and garages	9,724	10,800	10,364	10,561	10,701	12,900	26,773	33,549	38,478	45,756	50,043	54,512
Miscellaneous repair services	7,461	7,520	6,352	6,952	6,767	7,764	9,518	11,808	11,102	15,928	17,665	21,180
Amusement and recreation services	4,108	5,078	5,375	5,324	5,105	5,119	32,763	35,347	38,546	39,544	42,352	43,788
Motion pictures	(D)	182	181	258	(D)	(D)	2,006	2,233	2,454	2,370	2,599	3,160
Health services	100,169	104,811	109,217	112,431	126,681	133,026	273,021	295,224	316,483	339,021	393,814	435,682
Legal services	25,037	31,181	33,558	38,375	43,862	44,911	38,955	50,365	56,551	66,042	70,909	78,890
Educational services	3,978	4,595	6,039	6,325	7,680	9,041	23,501	25,993	36,115	45,728	51,834	51,361
Social services	3,293	3,583	4,860	5,464	5,937	5,939	14,930	20,441	24,181	25,744	26,596	29,441
Museums, botanical, zoological gardens	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,169	11,605	10,920	11,121	11,728	12,470	29,209	29,900	31,985	33,316	38,756	41,292
Miscellaneous services	22,811	24,087	22,983	27,823	30,373	32,156	46,010	53,367	65,516	71,808	65,157	77,726
Government and government enterprises	175,764	179,286	186,815	186,010	189,329	193,789	864,293	932,229	1,015,584	1,094,591	1,128,651	1,176,223
Federal, civilian	16,728	17,153	17,793	17,634	18,332	19,731	170,609	180,310	193,520	193,459	237,739	253,160
Military	4,374	4,437	4,832	5,219	5,853	6,304	354,293	397,798	443,182	488,100	452,459	445,293
State and local	154,662	157,696	164,190	163,157	165,144	167,754	339,391	354,121	378,882	413,032	438,453	477,770

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lakeland—Winter Haven, FL (MSA)						Lancaster, PA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,538,589**	**3,825,819**	**4,130,477**	**4,412,109**	**4,831,034**	**5,314,094**	**4,495,166**	**4,966,542**	**5,364,413**	**5,838,019**	**6,383,490**	**6,880,995**
Nonfarm personal income	3,359,402	3,678,686	3,992,992	4,270,412	4,657,446	5,099,626	4,436,479	4,823,864	5,240,908	5,691,588	6,233,229	6,760,626
Farm income[1]	179,187	147,133	137,485	141,697	173,588	214,468	58,687	142,678	123,505	146,431	150,261	120,369
Population (thousands)[2]	348.6	357.9	368.4	377.6	386.5	395.8	377.4	382.4	387.3	395.4	405.4	414.1
Per capita personal income (dollars)	**10,150**	**10,691**	**11,212**	**11,684**	**12,498**	**13,427**	**11,910**	**12,988**	**13,851**	**14,766**	**15,748**	**16,616**
Derivation of total personal income:												
Total earnings by place of work	2,476,726	2,692,924	2,854,985	3,017,925	3,335,936	3,666,008	3,122,689	3,528,035	3,765,448	4,121,552	4,535,812	4,896,080
Less: Personal contributions for social insurance[3]	122,806	140,222	158,605	169,312	184,949	212,814	189,454	214,949	243,071	268,282	290,533	331,427
Plus: Adjustment for residence	−109,078	−115,318	−118,375	−115,678	−124,595	−136,763	217,739	236,828	262,651	287,763	316,311	345,182
Equals: Net earnings by place of residence	2,244,842	2,437,384	2,578,005	2,732,935	3,026,392	3,316,431	3,150,974	3,549,914	3,785,028	4,141,033	4,561,590	4,909,835
Plus: Dividends, interest, and rent[4]	661,343	740,556	823,361	892,450	962,408	1,070,720	737,205	809,415	909,426	979,346	1,068,826	1,167,441
Plus: Transfer payments	632,404	647,879	729,111	786,724	842,234	926,943	606,987	607,213	669,959	717,640	753,074	803,719
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,916,602	2,117,461	2,257,136	2,363,495	2,595,530	2,832,030	2,433,399	2,692,126	2,910,249	3,172,433	3,493,848	3,821,692
Other labor income	193,802	207,375	212,057	224,796	246,013	268,161	282,284	298,838	312,564	346,168	380,174	414,371
Proprietors' income[5]	366,322	368,088	385,792	429,634	494,393	565,817	407,006	537,071	542,635	602,951	661,790	660,017
Farm	152,649	121,010	111,934	116,791	147,982	189,246	38,566	123,032	103,810	126,843	129,486	99,394
Nonfarm	213,673	247,078	273,858	312,843	346,411	376,571	368,440	414,039	438,825	476,108	532,304	560,623
Earnings by industry:												
Farm	179,187	147,133	137,485	141,697	173,588	214,468	58,687	142,678	123,505	146,431	150,261	120,369
Nonfarm	2,297,539	2,545,791	2,717,500	2,876,228	3,162,348	3,451,540	3,064,002	3,385,357	3,641,943	3,975,121	4,385,551	4,775,711
Private	1,982,877	2,243,479	2,389,116	2,520,019	2,761,768	3,009,844	2,820,433	3,128,012	3,367,301	3,683,711	4,069,521	4,431,364
Agricultural services, forestry, fisheries, and other[7]	51,157	53,278	59,963	61,581	66,578	78,179	29,294	26,853	27,225	29,724	43,233	48,848
Agricultural services	50,515	52,823	59,306	60,533	65,766	77,218	28,001	25,650	25,794	28,269	41,863	47,330
Forestry, fisheries, and other[7]	642	455	657	1,048	812	961	1,293	1,203	1,431	1,455	1,370	1,518
Mining	127,960	139,529	139,350	119,791	115,088	124,599	13,273	15,211	18,275	13,030	15,846	16,105
Coal mining	0	0	0	0	0	0	196	188	173	192	98	97
Oil and gas extraction	5,663	5,991	9,152	2,807	(D)	2,504	5,517	6,130	9,629	3,279	3,169	3,087
Metal mining	(L)	(L)	55	70	(D)	131	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	122,303	133,558	130,143	116,914	112,263	121,964	7,562	8,902	8,477	9,559	12,556	12,903
Construction	177,223	200,985	208,012	215,964	235,052	249,311	203,771	238,421	281,174	332,527	395,794	453,827
Manufacturing	430,414	479,799	487,564	486,239	533,539	584,620	1,237,188	1,377,998	1,442,294	1,541,547	1,653,612	1,742,261
Nondurable goods	271,320	285,915	297,312	296,832	318,864	358,332	437,701	491,594	520,322	563,573	603,583	639,800
Food and kindred products	109,644	110,890	114,330	121,959	133,152	151,529	139,663	150,847	162,814	176,358	190,012	199,350
Textile mill products	0	0	0	(D)	(D)	(D)	26,084	23,391	24,772	26,648	30,116	32,037
Apparel and other textile products	1,515	1,767	1,840	2,880	4,212	4,460	58,543	68,159	64,090	59,172	59,403	57,033
Paper and allied products	12,354	14,330	14,476	17,099	18,261	22,668	15,375	16,108	16,378	16,544	19,131	21,449
Printing and publishing	15,177	15,557	17,823	20,577	22,856	22,935	117,179	125,021	146,770	170,247	183,198	207,235
Chemicals and allied products	120,392	129,368	134,719	117,203	121,878	136,007	35,781	38,362	40,950	45,576	47,687	50,140
Petroleum and coal products	(D)	123	355	(D)	(D)	(D)	1,636	2,249	3,061	423	436	419
Tobacco manufactures	0	0	0	0	0	0	7,450	8,737	9,208	11,168	9,370	10,243
Rubber and misc. plastic products	12,088	13,880	13,769	16,329	18,182	20,274	21,648	46,082	45,509	51,410	57,864	55,278
Leather and leather products	(D)	0	0	0	0	0	14,342	12,638	6,770	6,027	6,366	6,616
Durable goods	159,094	193,884	190,252	189,407	214,675	226,288	799,487	886,404	921,972	977,974	1,050,029	1,102,461
Lumber and wood products	47,620	56,672	60,365	58,413	63,475	67,043	41,019	44,646	49,173	58,065	58,798	70,974
Furniture and fixtures	3,820	5,154	5,707	5,975	8,961	8,988	9,025	10,300	10,572	11,543	22,782	22,219
Primary metal industries	1,261	1,175	581	711	963	786	86,997	90,135	86,468	97,489	103,671	109,660
Fabricated metal products	18,091	21,055	23,153	29,278	34,495	34,309	182,299	184,170	189,920	201,631	208,820	208,752
Machinery, except electrical	26,101	28,957	31,848	33,595	35,522	39,102	118,466	133,111	137,418	141,026	156,779	190,859
Electric and electronic equipment	4,884	6,079	5,991	4,529	5,037	6,552	132,646	146,223	153,670	156,272	152,698	125,008
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	16,937	19,869	19,366	22,012	23,809	25,040
Motor vehicles and equipment	(D)	1,700	1,759	1,875	2,716	2,590	5,094	6,933	11,504	13,063	15,666	19,724
Stone, clay, and glass products	25,743	30,331	30,879	35,908	40,463	41,339	47,878	52,708	53,877	56,953	62,372	67,651
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	12,940	14,462	17,165	19,787	22,529	25,019
Miscellaneous manufacturing industries	4,188	5,821	5,639	7,639	9,054	9,955	146,186	183,847	192,839	200,133	222,105	237,555
Transportation and public utilities	159,720	173,726	170,746	181,943	191,384	204,976	189,602	212,440	219,194	233,073	240,292	260,983
Railroad transportation	(D)	25,949	22,595	19,350	16,126	17,309	5,466	(D)	(D)	(D)	5,878	5,891
Trucking and warehousing	73,402	83,110	84,261	95,083	105,839	114,895	111,993	130,621	131,897	137,912	143,114	153,090
Water transportation	283	282	260	(D)	(D)	(D)	0	0	0	(D)	0	(D)
Other transportation[8]	6,013	6,655	6,818	(D)	(D)	(D)	10,112	(D)	(D)	15,625	16,615	(D)
Communication	(D)	43,513	41,139	42,553	45,131	42,740	30,103	30,230	30,501	32,997	34,782	40,138
Electric, gas, and sanitary services	11,807	14,217	15,673	16,575	15,154	18,259	31,928	34,251	39,000	40,917	39,903	43,436
Wholesale trade	127,082	139,712	159,575	168,034	186,167	197,625	175,117	202,301	217,908	243,394	279,554	312,750
Retail trade	338,047	376,659	407,185	436,622	468,873	498,229	339,030	348,639	374,496	411,728	440,688	483,907
Finance, insurance, and real estate	109,170	118,719	131,137	145,606	161,229	174,673	112,048	114,997	126,752	150,869	164,785	194,781
Banking and credit agencies	36,838	41,343	46,605	51,350	51,001	53,903	57,522	55,006	58,808	67,225	65,597	78,965
Other finance, insurance, and real estate[9]	72,332	77,376	84,532	94,256	110,228	120,770	54,526	59,991	67,944	83,644	99,188	115,816
Services	462,104	561,072	625,584	704,239	803,858	897,632	521,110	591,152	659,983	727,819	835,717	917,902
Hotels and other lodging places	17,514	20,697	22,786	19,934	21,907	29,882	27,967	33,608	40,158	33,756	38,036	37,622
Personal services	23,073	24,926	30,371	32,903	34,580	36,879	30,617	32,148	41,546	47,529	51,610	55,830
Private households	15,399	17,510	18,019	18,395	18,957	19,588	12,029	13,307	13,278	13,227	13,289	13,438
Business services	47,411	56,538	68,059	80,120	97,524	109,256	55,326	67,782	80,696	91,938	106,878	124,109
Auto repair, services, and garages	18,946	22,462	23,741	25,866	27,729	31,007	37,284	40,357	45,944	48,011	52,842	57,548
Miscellaneous repair services	12,334	15,302	14,874	18,773	21,651	24,216	16,330	18,829	17,077	20,994	24,960	29,058
Amusement and recreation services	27,819	27,679	29,061	34,069	47,630	46,282	9,392	12,173	13,937	14,047	17,755	17,607
Motion pictures	(D)	1,565	(D)	(D)	(D)	(D)	(D)	710	1,092	1,141	1,248	1,087
Health services	147,500	197,707	220,404	244,197	282,737	313,190	214,981	232,964	253,755	278,405	328,295	362,317
Legal services	42,232	49,545	58,035	65,566	69,903	79,071	18,799	21,932	24,163	27,391	30,598	33,267
Educational services	13,954	15,882	17,578	17,943	19,134	20,826	29,345	33,082	35,127	37,101	40,987	42,920
Social services	11,961	13,342	15,347	18,320	20,051	23,413	12,793	17,822	20,657	23,237	26,238	28,724
Museums, botanical, zoological gardens	(D)	586	(D)	(D)	(D)	(D)	(D)	102	96	122	191	276
Membership organizations	21,322	23,321	23,841	25,531	27,608	30,071	22,850	24,568	25,357	27,650	30,164	32,726
Miscellaneous services	60,661	74,010	81,165	100,209	111,733	131,185	32,978	41,768	47,100	63,270	72,626	81,373
Government and government enterprises	314,662	302,312	328,384	356,209	400,580	441,696	243,569	257,345	274,642	291,410	316,030	344,347
Federal, civilian	25,878	28,439	31,547	32,613	35,497	39,970	30,601	35,183	36,404	37,762	40,100	44,633
Military	3,737	4,189	4,824	5,242	5,503	5,727	10,213	9,145	10,204	10,910	11,067	11,524
State and local	285,047	269,684	292,013	318,354	359,580	395,999	202,755	213,017	228,034	242,738	264,863	288,190

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lansing—East Lansing, MI (MSA)						Laredo, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,837,864**	**5,222,663**	**5,572,981**	**5,972,962**	**6,292,605**	**6,727,687**	**676,783**	**732,814**	**788,591**	**826,936**	**875,523**	**960,753**
Nonfarm personal income	4,820,873	5,195,858	5,539,394	5,942,012	6,261,023	6,704,162	670,181	721,045	780,775	819,039	866,413	951,932
Farm income[1]	16,991	26,805	33,587	30,950	31,582	23,525	6,602	11,769	7,816	7,897	9,110	8,821
Population (thousands)[2]	413.1	414.7	416.9	421.2	425.3	428.4	115.9	117.0	118.3	122.9	125.7	128.9
Per capita personal income (dollars)	**11,711**	**12,595**	**13,367**	**14,180**	**14,794**	**15,705**	**5,840**	**6,261**	**6,663**	**6,729**	**6,963**	**7,452**
Derivation of total personal income:												
Total earnings by place of work	4,009,495	4,282,800	4,645,766	4,911,065	5,054,349	5,361,099	500,693	553,328	606,985	620,935	658,626	722,378
Less: Personal contributions for social insurance[3]	211,926	227,269	262,248	268,348	279,775	310,709	26,826	29,353	34,259	35,513	37,656	43,173
Plus: Adjustment for residence	−289,914	−281,244	−308,355	−296,156	−236,982	−223,455	−22,178	−22,934	−28,392	−26,066	−27,381	−27,992
Equals: Net earnings by place of residence	3,507,655	3,774,287	4,075,163	4,346,561	4,537,592	4,826,935	451,689	501,041	544,334	559,356	593,589	651,213
Plus: Dividends, interest, and rent[5]	645,237	724,604	763,686	813,832	878,378	960,595	63,491	71,047	77,551	83,025	85,053	96,124
Plus: Transfer payments	684,972	723,772	734,132	812,569	876,635	940,157	161,603	160,726	166,706	184,555	196,881	213,416
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,375,022	3,607,185	3,924,753	4,146,006	4,261,447	4,536,336	399,544	437,249	489,862	497,009	525,679	580,398
Other labor income	429,995	438,028	452,238	470,188	470,227	490,323	38,226	40,569	43,326	45,401	48,924	54,803
Proprietors' income[6]	204,478	237,587	268,775	294,871	322,675	334,440	62,923	75,510	73,797	78,525	84,023	87,177
Farm	8,574	18,522	25,436	22,931	23,119	15,021	3,782	8,991	5,097	5,218	6,282	6,002
Nonfarm	195,904	219,065	243,339	271,940	299,556	319,419	59,141	66,519	68,700	73,307	77,741	81,175
Earnings by industry:												
Farm	16,991	26,805	33,587	30,950	31,582	23,525	6,602	11,769	7,816	7,897	9,110	8,821
Nonfarm	3,992,504	4,255,995	4,612,179	4,880,115	5,022,767	5,337,574	494,091	541,559	599,169	613,038	649,516	713,557
Private	2,928,441	3,114,514	3,412,667	3,575,732	3,624,180	3,843,238	383,880	421,584	467,260	466,831	492,051	540,933
Agricultural services, forestry, fisheries, and other[7]	12,467	11,953	13,108	12,831	16,831	18,810	1,602	1,613	1,707	1,680	2,329	2,797
Agricultural services	11,955	11,424	12,798	12,808	16,715	18,705	1,561	1,588	1,676	1,646	2,304	2,771
Forestry, fisheries, and other[7]	512	529	310	(L)	116	105	(L)	(L)	(L)	(L)	(L)	(L)
Mining	18,822	19,123	11,461	11,350	11,749	10,706	34,477	44,676	56,179	46,640	47,800	46,144
Coal mining	(L)	(L)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	17,322*	17,203*	9,704*	9,181*	(D)	(D)	(D)	42,609	52,335	44,577	45,573	43,096
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	0	(D)	(D)
Nonmetallic minerals, except fuels	1,042*	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0
Construction	115,043	145,857	168,974	212,439	221,780	244,587	30,720	29,772	34,981	33,467	32,513	32,261
Manufacturing	1,349,691	1,445,867	1,568,082	1,525,562	1,403,162	1,438,359	25,398	25,251	25,776	26,545	26,775	29,926
Nondurable goods	78,098	82,699	84,987	87,165	94,066	106,886	17,263	17,827	17,039	15,168	12,342	15,919
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	6,525	6,903	7,178	5,752	4,084	4,474
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	(D)	(D)	486	563	696	859	(D)	(D)	(D)	0	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	23,612*	23,910*	27,735	29,238	31,169	36,599	(D)	3,555	3,763	3,687	2,488	2,548
Chemicals and allied products	16,194*	16,839*	13,805*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	154*	185*	(D)	(D)	(D)	406	449	(D)	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	22,036	25,308	26,110	27,781	27,516*	28,621*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	1,901	2,194	2,668	2,203	2,077	2,424
Durable goods	1,271,593	1,363,168	1,483,095	1,438,397	1,309,096	1,331,473	8,135	7,424	8,737	11,377	14,433	14,007
Lumber and wood products	4,628	(D)	(D)	(D)	8,105	9,095	257	285	211	173	129	(D)
Furniture and fixtures	(D)	(D)	(D)	4,476	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	129	(D)	0	0	(D)
Fabricated metal products	51,747*	58,913*	(D)	(D)	(D)	71,319*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	61,885	73,781	84,474	100,642	94,775	95,983	1,422	1,828	1,444	1,263	1,298	1,484
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,432	2,921	4,878	6,844	8,365	8,639
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	5,279*	6,594*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	1,140,942*	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,513	721	473	997	1,171	1,531
Instruments and related products	821*	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Miscellaneous manufacturing industries	1,061*	1,285	(D)	(D)	(D)	(D)	1,136	1,276	1,285	1,569	1,658	1,721
Transportation and public utilities	160,028	135,925	147,263	154,998	171,602	174,846	54,129	64,704	70,749	75,248	81,520	95,199
Railroad transportation	7,166*	7,909	7,818	7,661	8,116	7,873	5,865	6,421	6,341	5,542	5,089	5,548
Trucking and warehousing	65,738	54,113	59,483	63,731	71,539	70,620	(D)	(D)	(D)	26,186	29,637	33,103
Water transportation	(D)	(D)	(D)	−12*	(D)	(D)	−53	−60	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,353	29,217	38,052
Communication	57,227	44,767	47,888*	48,360*	50,503*	50,633*	8,741	7,863	7,900	8,821	8,615	9,115
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	7,284	7,578	8,128	8,394	8,993	9,365
Wholesale trade	162,719	166,047	178,606	187,006	201,605	196,031	27,862	29,837	31,100	32,062	34,854	40,498
Retail trade	318,898	332,468	358,768	389,628	430,875	467,438	90,931	93,952	103,605	99,562	102,439	119,172
Finance, insurance, and real estate	203,777	210,478	230,360	257,310	267,568	304,290	26,214	28,980	31,618	34,575	38,672	40,047
Banking and credit agencies	68,608	66,494*	72,443*	73,726*	56,814*	60,020*	18,440	20,731	23,710	26,060	29,533	29,957
Other finance, insurance, and real estate[9]	135,169	138,462*	152,472*	177,931*	(D)	(D)	7,774	8,249	7,908	8,515	9,139	10,090
Services	586,996	646,796	736,045	824,608	899,008	988,171	92,547	102,799	111,545	117,052	125,149	134,889
Hotels and other lodging places	6,601	6,589*	7,016*	14,286*	15,922*	15,960*	8,594	8,925	9,822	8,869	8,559	8,285
Personal services	26,702	27,840	35,827	(D)	(D)	(D)	3,208	3,398	4,363	4,513	4,816	5,364
Private households	7,388	8,171	8,196	8,194	8,269	8,355	(D)	(D)	1,349	1,369	1,380	(D)
Business services	96,840	117,876	149,593	160,952	165,962	189,545	16,414	18,951	21,003	19,294	18,513	18,801
Auto repair, services, and garages	20,311	24,069	28,644	32,158	31,322	33,117	5,046	5,366	5,969	6,515	7,134	8,317
Miscellaneous repair services	7,906	8,677	9,023	8,890	10,281	11,131	1,295	1,407	1,487	1,331	1,341	1,571
Amusement and recreation services	9,055	9,711	9,497	11,329	12,113	13,576	1,455	1,780	2,181	2,262	2,313	2,792
Motion pictures	1,223*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	265	260	238	(D)
Health services	219,920	224,266	245,099	281,422	316,811	335,421	34,063	36,898	39,129	42,560	48,005	52,720
Legal services	36,728	42,409	47,836	53,085	61,079	68,601	4,624	4,991	5,196	5,965	6,408	6,950
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	2,729	2,917	3,271	3,429	3,835	3,908
Social services	29,359	31,565	35,728	29,231*	33,730	39,317	2,209	2,475	2,629	2,671	3,146	3,321
Museums, botanical, zoological gardens	344	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	67,772	73,394	77,937	85,080	90,441	99,045	5,307	5,876	6,718	7,196	7,789	8,535
Miscellaneous services	44,948	55,373	63,588	79,250	82,931	94,857	6,171	8,219	8,163	10,818	11,672	12,706
Government and government enterprises	1,064,063	1,141,481	1,199,512	1,304,383	1,398,587	1,494,336	110,211	119,975	131,909	146,207	157,465	172,624
Federal, civilian	76,002	81,970	88,938	88,674	92,276	100,345	15,579	16,446	16,546	15,601	16,245	18,340
Military	8,166	13,261	15,280	16,087	17,265	17,942	1,904	2,002	2,241	2,373	2,636	2,743
State and local	979,895	1,046,250	1,095,294	1,199,622	1,289,046	1,376,049	92,728	101,527	113,122	128,233	138,584	151,541

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Las Cruces, NM (MSA)						Las Vegas, NV (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**906,415**	**974,960**	**1,071,637**	**1,136,073**	**1,228,496**	**1,292,602**	**6,569,751**	**7,159,616**	**7,843,192**	**8,567,694**	**9,520,918**	**10,718,282**
Nonfarm personal income	873,723	955,986	1,039,453	1,104,523	1,196,310	1,269,244	6,568,965	7,156,462	7,840,935	8,565,048	9,517,943	10,715,866
Farm income[1]	32,692	18,974	32,184	31,550	32,186	23,358	786	3,154	2,257	2,646	2,975	2,416
Population (thousands)[2]	109.0	114.4	118.4	123.4	128.4	132.0	526.5	540.7	550.7	570.0	599.1	631.3
Per capita personal income (dollars)	**8,315**	**8,524**	**9,051**	**9,209**	**9,567**	**9,791**	**12,478**	**13,242**	**14,242**	**15,032**	**15,893**	**16,979**
Derivation of total personal income:												
Total earnings by place of work	643,263	679,890	740,459	776,400	825,617	858,030	4,962,311	5,347,319	5,797,481	6,327,901	7,108,817	8,028,950
Less: Personal contributions for social insurance[3]	40,647	39,698	43,584	47,577	50,033	54,358	252,572	239,052	270,277	311,970	346,417	409,412
Plus: Adjustment for residence	8,833	9,716	10,050	12,263	13,438	14,326	20,782	30,325	43,923	38,721	25,034	32,052
Equals: Net earnings by place of residence	611,449	649,908	706,925	741,086	789,022	817,998	4,730,521	5,138,592	5,571,127	6,054,652	6,787,434	7,651,590
Plus: Dividends, interest, and rent[5]	126,826	142,809	164,503	177,441	198,644	215,790	908,173	1,025,847	1,155,096	1,265,978	1,395,801	1,589,500
Plus: Transfer payments	168,140	182,243	200,209	217,546	240,830	258,814	931,057	995,177	1,116,969	1,247,064	1,337,683	1,477,192
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	528,298	568,201	605,404	637,307	676,679	708,903	4,366,449	4,690,105	5,086,270	5,536,483	6,225,807	7,050,456
Other labor income	44,906	48,104	50,326	53,574	57,942	63,565	306,446	319,618	331,298	365,230	406,498	458,081
Proprietors' income[6]	70,059	63,585	84,729	85,519	90,996	85,562	289,416	337,596	379,913	426,188	476,512	520,413
Farm	17,943	4,535	17,698	17,029	16,671	7,628	−787	1,606	737	1,153	1,425	877
Nonfarm	52,116	59,050	67,031	68,490	74,325	77,934	290,203	335,990	379,176	425,035	475,087	519,536
Earnings by industry:												
Farm	32,692	18,974	32,184	31,550	32,186	23,358	786	3,154	2,257	2,646	2,975	2,416
Nonfarm	610,571	660,916	708,275	744,850	793,431	834,672	4,961,525	5,344,165	5,795,224	6,325,255	7,105,842	8,026,534
Private	339,336	369,416	396,338	425,449	460,541	489,943	4,143,178	4,497,702	4,898,401	5,358,506	6,045,786	6,889,695
Agricultural services, forestry, fisheries, and other[7]	9,507	8,813	9,037	9,110	10,915	12,514	17,779	17,018	(D)	24,751	30,528	37,999
Agricultural services	9,467	8,786	8,991	9,036	10,861	12,454	14,418	16,283	(D)	20,546	27,705	34,713
Forestry, fisheries, and other[7]	(L)	(L)	(L)	74	54	60	3,361	735	3,606	4,205	2,823	3,286
Mining	1,726	1,628	2,071	2,057	2,305	2,376	18,377	19,733	(D)	23,039	17,636	13,812
Coal mining	0	0	0	0	0	0	0	(D)	(D)	0	0	0
Oil and gas extraction	1,675	1,560	1,956	1,077	(D)	(D)	8,073	(D)	(D)	4,256	4,143	4,173
Metal mining	(D)	(D)	0	(D)	0	0	2,089	2,017	1,082	1,102	2,476	2,888
Nonmetallic minerals, except fuels	(D)	(D)	115	(D)	(D)	(D)	8,215	10,210	9,561	17,681	11,017	6,751
Construction	49,677	56,183	59,231	61,965	57,110	58,729	420,441	447,273	478,788	551,607	602,364	747,344
Manufacturing	62,539	65,141	64,477	72,186	81,249	82,307	169,320	183,310	194,877	204,556	223,461	251,396
Nondurable goods	27,624	30,883	31,896	34,792	37,127	35,741	69,194	73,889	80,572	89,834	97,549	105,789
Food and kindred products	10,564	12,604	13,475	14,011	16,222	15,066	14,403	15,048	16,089	17,999	20,728	22,524
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	107	117	(D)	1,773	2,223	2,765	2,784	2,924	3,673
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,039	2,361	2,503	2,624	2,991	3,014	27,026	29,372	33,515	37,937	42,452	45,960
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	20,128	19,832	19,963	21,130	20,635	20,594
Petroleum and coal products	0	0	(D)	108	(D)	115	320	320	337	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	(L)	(D)	(D)	(D)	(L)	(L)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	3,375	4,374	5,308	6,768	7,823	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(L)	(L)	(L)
Durable goods	34,915	34,258	32,581	37,394	44,122	46,566	100,126	109,421	114,305	114,722	125,912	145,607
Lumber and wood products	(D)	(D)	1,155	1,110	671	(D)	12,418	12,726	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(L)	0	0	(D)	(D)	1,727	2,116	2,489	2,379	4,380	5,266
Primary metal industries	(D)	882	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,682	1,706	1,253	1,093	438	708	5,152	3,651	(D)	(D)	4,539	7,526
Machinery, except electrical	1,363	1,960	1,537	2,835	2,669	3,486	3,064	3,536	4,206	4,620	4,958	5,098
Electric and electronic equipment	8,655	10,770	10,321	12,795	12,820	11,662	13,456	16,478	16,615	13,370	11,072	5,535
Transportation equip. excl. motor vehicles	18,804	(D)	(D)	(D)	(D)	(D)	(D)	(D)	526	866	2,163	1,975
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,342	1,672	2,042	2,951	2,231	2,012
Stone, clay, and glass products	2,627	3,605	3,459	3,460	3,805	3,596	19,800	21,628	22,290	23,942	26,684	37,196
Instruments and related products	0	0	(D)	(D)	(D)	(D)	1,198	1,082	1,643	2,201	2,428	3,285
Miscellaneous manufacturing industries	504	510	515	675	901	775	19,569	17,079	19,094	22,151	25,354	31,492
Transportation and public utilities	32,161	34,883	37,107	38,528	40,780	43,102	403,216	416,064	426,457	456,315	505,265	541,992
Railroad transportation	1,293	1,476	1,378	1,444	1,531	1,300	20,030	19,791	17,400	15,002	13,403	12,563
Trucking and warehousing	5,027	6,188	5,893	5,595	6,359	6,548	47,731	50,771	50,525	55,277	60,543	67,363
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	4,607	4,379	(D)	(D)	(D)	(D)	(D)	(D)
Communication	15,639	16,976	18,848	20,138	21,426	22,675	87,028	87,815	92,213	89,437	100,350	109,870
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	6,857	8,200	95,254	104,744	108,360	116,470	125,981	140,143
Wholesale trade	13,628	15,185	15,483	15,943	17,535	18,297	150,095	178,333	208,415	223,528	260,744	309,058
Retail trade	63,973	69,089	74,602	77,997	83,148	92,339	548,039	592,395	631,842	681,878	764,836	855,632
Finance, insurance, and real estate	20,378	23,334	27,397	28,642	30,931	31,876	217,960	245,865	282,329	317,623	348,990	402,230
Banking and credit agencies	11,541	12,899	14,633	15,713	17,197	18,085	84,111	91,659	108,609	131,873	144,617	164,823
Other finance, insurance, and real estate[9]	8,837	10,435	12,764	12,929	13,734	13,791	133,849	154,206	173,720	185,750	204,373	237,407
Services	85,747	95,160	106,933	119,021	136,568	148,403	2,197,951	2,397,711	2,631,193	2,875,209	3,291,962	3,730,232
Hotels and other lodging places	(D)	5,369	5,152	5,415	6,699	6,706	833,094	1,015,842	1,267,681	1,362,915	1,570,296	1,871,321
Personal services	5,598	6,382	7,971	7,827	8,168	8,713	60,463	62,072	76,045	81,806	87,867	99,976
Private households	3,450	3,876	3,939	3,988	(D)	(D)	14,422	16,362	16,790	17,154	17,893	18,879
Business services	16,512	18,166	21,674	23,670	28,631	30,436	209,295	248,537	261,824	297,717	334,992	381,010
Auto repair, services, and garages	5,402	6,101	6,725	6,925	7,413	8,289	49,129	53,036	56,984	64,534	72,643	83,410
Miscellaneous repair services	2,411	2,486	(D)	2,686	2,326	2,663	20,985	25,638	23,826	26,703	29,403	35,189
Amusement and recreation services	5,379	5,906	6,233	6,418	6,350	6,368	484,794	396,631	292,352	310,618	328,424	275,936
Motion pictures	(D)	810	(D)	710	(D)	(D)	3,302	4,811	5,750	(D)	(D)	(D)
Health services	22,745	25,039	29,037	34,922	42,467	46,220	278,706	301,862	339,016	379,180	467,917	526,434
Legal services	3,839	4,497	5,003	5,609	5,904	6,436	65,263	77,031	85,319	96,028	116,787	132,723
Educational services	1,312	1,361	1,421	1,525	2,760	3,921	6,806	8,043	8,437	9,647	12,268	16,715
Social services	2,009	2,284	2,483	2,257	2,604	3,345	12,926	13,447	14,456	16,007	17,815	20,809
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	(D)	(D)	(D)
Membership organizations	5,262	6,081	6,232	7,180	7,712	8,457	45,435	48,890	50,997	56,265	62,521	71,444
Miscellaneous services	5,985	6,802	7,600	9,889	10,718	11,775	113,331	125,509	131,716	150,883	159,646	188,365
Government and government enterprises	271,235	291,500	311,937	319,401	332,890	344,729	818,347	846,463	896,823	966,749	1,060,056	1,136,839
Federal, civilian	120,316	128,111	134,537	129,128	130,936	130,896	129,709	142,203	149,340	158,888	181,157	198,078
Military	3,903	4,245	4,474	5,195	5,704	5,426	204,377	195,569	192,774	194,334	201,562	194,676
State and local	147,016	159,144	172,926	185,078	196,250	208,407	484,261	508,691	554,709	613,527	677,337	744,085

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lawrence, KS (MSA)						Lawton, OK (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**686,884**	**743,985**	**804,883**	**860,244**	**921,461**	**992,753**	**1,132,109**	**1,168,216**	**1,239,804**	**1,267,189**	**1,326,967**	**1,362,375**
Nonfarm personal income	685,384	740,613	802,536	857,477	919,198	991,205	1,121,905	1,161,228	1,226,909	1,248,716	1,312,506	1,346,870
Farm income[1]	1,500	3,372	2,347	2,767	2,263	1,548	10,204	6,988	12,895	18,473	14,461	15,505
Population (thousands)[2]	69.4	70.1	71.3	73.5	74.8	76.5	122.3	121.8	120.7	120.5	120.0	119.3
Per capita personal income (dollars)	**9,899**	**10,615**	**11,283**	**11,710**	**12,313**	**12,980**	**9,260**	**9,592**	**10,274**	**10,520**	**11,060**	**11,420**
Derivation of total personal income:												
Total earnings by place of work	464,015	504,144	534,342	586,016	618,628	674,101	883,442	911,566	965,577	988,465	1,041,943	1,045,537
Less: Personal contributions for social insurance[3]	25,407	27,774	31,167	35,229	37,794	42,857	46,630	48,994	53,459	56,005	59,705	63,376
Plus: Adjustment for residence	36,649	42,388	50,123	53,337	61,925	60,322	−16,710	−16,617	−18,861	−19,907	−24,963	−23,008
Equals: Net earnings by place of residence	475,257	518,758	553,298	604,124	642,759	691,566	820,102	845,955	893,257	912,553	957,275	959,153
Plus: Dividends, interest, and rent[5]	118,828	130,928	146,678	155,429	169,576	183,356	116,334	125,622	134,092	129,855	129,924	140,212
Plus: Transfer payments	92,799	94,299	104,907	100,691	109,126	117,831	195,673	196,639	212,455	224,781	239,768	263,010
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	380,980	409,997	432,276	471,992	496,393	543,725	762,096	787,152	831,698	845,762	896,755	893,402
Other labor income	37,710	39,006	39,376	42,929	46,066	51,578	44,833	46,268	47,936	50,191	53,615	57,249
Proprietors' income[6]	45,325	55,141	62,690	71,095	76,169	78,798	76,513	78,146	85,943	92,512	91,573	94,886
Farm	223	2,109	1,143	1,621	1,110	440	9,204	6,004	11,929	17,522	13,465	14,514
Nonfarm	45,102	53,032	61,547	69,474	75,059	78,358	67,309	72,142	74,014	74,990	78,108	80,372
Earnings by industry:												
Farm	1,500	3,372	2,347	2,767	2,263	1,548	10,204	6,988	12,895	18,473	14,461	15,505
Nonfarm	462,515	500,772	531,995	583,249	616,365	672,553	873,238	904,578	952,682	969,992	1,027,482	1,030,032
Private	312,178	341,621	366,906	404,579	440,662	480,449	382,224	409,124	434,189	446,286	465,443	471,019
Agricultural services, forestry, fisheries, and other[7]	1,168	1,140	1,130	1,189	2,091	2,475	2,392	2,264	2,348	2,084	3,021	3,419
Agricultural services	1,151	1,127	1,123	1,190	2,089	2,474	2,351	2,250	2,309	2,028	2,970	3,363
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	56	51	56
Mining	2,584	2,453	3,109	1,917	2,062	2,014	8,162	8,380	8,140	6,861	7,642	7,444
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	(D)	2,185	(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)	268	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	25,380	29,850	32,051	40,153	45,449	48,007	33,945	36,816	38,898	39,153	38,422	35,931
Manufacturing	99,607	106,062	108,647	115,297	120,215	126,706	76,828	88,013	92,775	95,251	101,411	110,315
Nondurable goods	78,318	82,028	82,087	86,624	88,654	93,226	66,776	77,014	81,986	84,494	90,051	94,761
Food and kindred products	10,022	9,900	8,233	9,182	9,263	9,188	11,111	11,313	10,455	10,236	10,162	9,203
Textile mill products	0	0	0	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Apparel and other textile products	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Printing and publishing	35,924	37,868	38,071	37,203	39,145	42,589	3,713	3,977	(D)	4,713	5,005	4,669
Chemicals and allied products	(D)	16,226	16,597	18,723	17,588	17,387	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	106	132	120	(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	0
Durable goods	21,289	24,034	26,560	28,673	31,561	33,480	10,052	10,999	10,789	10,757	11,360	15,554
Lumber and wood products	171	285	289	230	432	643	0	0	(D)	(D)	154	(D)
Furniture and fixtures	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	0	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	1,248	1,270	1,665	1,716	(D)	(D)	1,616	2,058	2,320	2,291	2,297	2,298
Machinery, except electrical	524	621	925	1,303	1,543	2,005	2,162	3,002	2,515	1,609	402	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Transportation equip. excl. motor vehicles	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	6,293	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	2,532	2,925	(D)	2,167	1,780	1,496	2,037	2,921	2,255
Instruments and related products	1,284	1,349	1,310	1,727	974	1,044	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	743	1,051	1,344	1,577	1,704	672	1,032	1,171	461	389	(D)
Transportation and public utilities	27,201	28,759	28,815	30,529	32,040	31,435	38,059	34,923	35,383	35,827	40,072	38,309
Railroad transportation	1,573	1,865	2,068	(D)	2,533	2,161	679	764	727	757	761	671
Trucking and warehousing	5,480	6,878	6,928	7,557	7,881	7,955	8,213	9,441	9,826	10,136	11,211	10,802
Water transportation	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	7,368	7,102	6,487	(D)	7,295	7,058	(D)	(D)	(D)	3,116	7,654	6,136
Communication	4,281	3,985	4,055	4,174	3,230	2,925	18,352	13,712	13,288	12,705	12,127	11,708
Electric, gas, and sanitary services	8,499	8,929	9,277	9,695	11,101	11,336	(D)	(D)	(D)	9,115	8,320	8,992
Wholesale trade	11,712	13,155	14,313	13,989	14,972	16,723	18,088	18,026	19,380	19,065	19,341	20,411
Retail trade	56,921	58,513	63,635	68,786	72,482	76,369	86,283	89,745	102,748	100,554	96,024	94,232
Finance, insurance, and real estate	14,879	15,474	15,974	18,608	22,300	26,057	23,689	26,666	27,529	29,816	31,062	32,459
Banking and credit agencies	6,989	7,253	8,030	9,423	11,715	13,678	11,963	13,165	13,985	15,478	15,283	17,081
Other finance, insurance, and real estate[9]	7,890	8,221	7,944	9,185	10,585	12,379	11,726	13,501	13,544	14,338	15,779	15,378
Services	72,726	86,215	99,232	114,111	129,051	150,663	94,778	104,291	106,988	117,675	128,448	128,499
Hotels and other lodging places	2,712	2,762	2,966	3,201	3,922	4,007	2,375	2,148	1,910	1,612	2,224	2,001
Personal services	6,866	7,035	8,674	9,599	10,059	10,965	10,076	10,901	13,510	13,536	13,719	13,771
Private households	1,520	1,689	1,694	1,694	1,709	1,734	1,764	1,946	1,943	1,932	1,909	1,913
Business services	12,788	18,726	23,198	28,521	35,272	45,080	28,232	32,585	29,225	33,016	37,829	32,668
Auto repair, services, and garages	3,272	4,003	5,816	6,224	6,561	7,003	6,020	6,532	7,731	8,607	9,196	9,465
Miscellaneous repair services	1,515	2,378	1,877	2,730	3,086	4,226	1,608	2,003	1,576	1,784	1,791	2,103
Amusement and recreation services	1,449	1,987	2,171	2,663	3,026	3,191	1,806	2,021	2,597	2,644	2,830	1,929
Motion pictures	(D)	(D)	(D)	(D)	(D)	456	(D)	(D)	(D)	(D)	(D)	(D)
Health services	17,573	19,709	22,476	24,705	28,065	31,185	26,467	26,490	27,760	32,189	36,189	41,292
Legal services	3,017	3,587	3,916	4,652	4,795	5,237	4,168	4,723	5,104	6,543	6,803	6,721
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,089	969	745	999	1,175
Social services	3,796	4,137	4,563	5,172	6,126	7,639	1,523	1,620	1,932	2,190	2,172	2,910
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	99	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,164	8,803	9,893	10,659	11,389	12,449	5,483	7,374	7,785	7,103	7,333	7,606
Miscellaneous services	5,593	6,693	7,083	9,134	9,348	11,901	3,661	4,283	4,418	5,212	5,046	4,583
Government and government enterprises	150,337	159,151	165,089	178,670	175,703	192,104	491,014	495,454	518,493	523,706	562,039	559,013
Federal, civilian	10,885	11,089	12,437	12,742	13,138	13,703	87,535	94,730	103,868	104,220	125,336	125,922
Military	3,867	4,439	5,216	5,967	6,645	6,682	308,537	303,281	313,795	314,026	326,256	314,479
State and local	135,585	143,623	147,436	159,961	155,920	171,719	94,942	97,443	100,830	105,460	110,447	118,612

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lewiston—Auburn, ME (NECMA)						Lexington—Fayette, KY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,024,588**	**1,108,039**	**1,158,375**	**1,242,777**	**1,369,852**	**1,499,363**	**3,881,372**	**4,298,664**	**4,529,669**	**4,737,451**	**5,122,094**	**5,471,326**
Nonfarm personal income	1,014,813	1,092,949	1,143,796	1,232,562	1,354,071	1,489,749	3,599,711	3,935,321	4,185,126	4,452,229	4,811,882	5,165,805
Farm income[1]	9,775	15,090	14,579	10,215	15,781	9,614	281,661	363,343	344,543	285,222	310,212	305,521
Population (thousands)[2]	100.0	100.7	100.9	100.1	101.2	103.3	326.1	326.5	329.6	339.7	344.6	347.9
Per capita personal income (dollars)	**10,248**	**11,000**	**11,481**	**12,412**	**13,538**	**14,511**	**11,902**	**13,166**	**13,741**	**13,948**	**14,863**	**15,725**
Derivation of total personal income:												
Total earnings by place of work	620,082	685,107	721,655	769,513	862,755	940,574	3,187,413	3,586,742	3,790,892	3,944,509	4,279,833	4,554,215
Less: Personal contributions for social insurance[3]	34,477	38,138	42,189	43,761	48,479	55,884	152,277	171,205	193,521	211,366	228,024	253,071
Plus: Adjustment for residence	102,079	103,751	102,026	118,326	133,526	153,172	−217,358	−252,022	−287,505	−299,405	−330,735	−347,189
Equals: Net earnings by place of residence	687,684	750,720	781,492	844,078	947,802	1,037,862	2,817,778	3,163,515	3,309,866	3,433,738	3,721,074	3,953,955
Plus: Dividends, interest, and rent[5]	135,023	149,503	159,635	171,151	186,519	207,047	585,782	638,836	689,924	732,399	795,918	868,526
Plus: Transfer payments	201,881	207,816	217,248	227,548	235,531	254,454	477,812	496,313	529,879	571,314	605,102	648,845
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	501,176	546,507	578,082	623,857	694,721	761,900	2,419,795	2,677,360	2,883,359	3,050,895	3,309,500	3,537,356
Other labor income	59,832	63,745	65,113	68,913	76,006	82,763	252,609	272,409	280,244	295,997	317,040	338,814
Proprietors' income[6]	59,074	74,855	78,460	76,743	92,028	95,911	515,009	636,973	627,289	597,617	653,293	678,045
Farm	−257	5,265	4,735	561	5,609	−666	240,669	323,198	304,360	244,799	267,146	261,843
Nonfarm	59,331	69,590	73,725	76,182	86,419	96,577	274,340	313,775	322,929	352,818	386,147	416,202
Earnings by industry:												
Farm	9,775	15,090	14,579	10,215	15,781	9,614	281,661	363,343	344,543	285,222	310,212	305,521
Nonfarm	610,307	670,017	707,076	759,298	846,974	930,960	2,905,752	3,223,399	3,446,349	3,659,287	3,969,621	4,248,694
Private	550,716	604,725	636,186	681,116	762,605	838,389	2,356,778	2,638,624	2,834,085	3,012,740	3,272,388	3,497,592
Agricultural services, forestry, fisheries, and other[7]	4,760	4,431	3,667	3,288	5,085	5,146	51,936	57,968	64,610	72,067	81,517*	90,523*
Agricultural services	(D)	2,365	2,113	2,750	4,053	(D)	51,707	57,855	64,509	71,975	81,447*	90,440*
Forestry, fisheries, and other[7]	(D)	2,066	1,554	538	1,032	(D)	229	113	101	92	85	100
Mining	955	1,032	1,595	489	392	389	41,066	53,570*	63,119	55,953	40,103*	(D)
Coal mining	(L)	(L)	(L)	(D)	(L)	(D)	28,244	40,922	45,604	43,730	30,936	11,093
Oil and gas extraction	924	992	1,545	413	366	360	(D)	9,377*	(D)	(D)	6,641*	6,017*
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(L)	(L)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	38,080	46,079	50,086	61,563	75,339	83,163	182,626	223,579	236,829	264,970	315,944	309,121
Manufacturing	192,151	204,498	203,108	203,437	214,742	231,271	693,814	799,264	845,557	844,147	896,820	975,068
Nondurable goods	150,112	153,572	140,990	136,160	143,421	149,022	172,112*	183,237*	198,653*	204,539*	212,078	235,476
Food and kindred products	18,108	16,946	17,160	18,007	19,645	20,894	28,444*	31,478*	33,924*	34,312*	34,493*	30,970*
Textile mill products	24,027	23,733	22,596	22,445	21,622	22,221	0	0	0	(D)	(D)	(D)
Apparel and other textile products	870	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	13,099	15,914	13,114	13,911	15,429	16,638	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	9,382	10,460	11,562	12,610	14,170	15,981	(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	(D)	205	0	0	0	0	22,505	23,100	25,382	24,182	27,761	32,016
Tobacco manufactures	0	0	0	0	0	0	19,273*	16,069*	13,315	11,329	8,762	8,591
Rubber and misc. plastic products	32,771	34,230	36,025	31,934	35,447	37,674	(D)	(D)	(D)	(D)	(D)	31,061*
Leather and leather products	51,369	50,743	39,275	34,983	33,984	33,733	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	42,039	50,926	62,118	67,277	71,321	82,249	482,519*	564,271*	587,607*	583,789*	684,742	739,592
Lumber and wood products	3,032	3,472	3,760	4,697	(D)	(D)	3,348	4,666	5,508	6,436	7,943	8,373*
Furniture and fixtures	(D)	1,064	1,207	1,955	2,629	3,351	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	7,395	11,824	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,002	5,255	5,736	5,329	5,454	6,220	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	5,556	5,502	6,550	6,675	6,554	20,699	311,059*	357,770*	382,998*	378,270*	398,168*	387,494*
Electric and electronic equipment	15,253	18,071	19,396	17,719	19,315	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	0	0	0	(D)	0	(D)
Motor vehicles and equipment	(D)	734	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,695	4,376	8,837	9,752	10,421	8,604	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	480	628	666	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	30,847	35,885	37,599	38,845	43,516	46,050	189,096	196,425	201,060	211,200	219,088	238,524
Railroad transportation	709	705	(D)	(D)	(D)	(D)	(D)	(D)	4,080	3,461*	(D)	4,190*
Trucking and warehousing	14,206	17,872	18,173	17,465	20,812	22,573	57,307	68,287	70,235	71,603	79,025	87,513
Water transportation	0	0	0	0	0	0	(D)	(D)	−99	−121	−72	(D)
Other transportation[8]	2,510	2,710	(D)	(D)	(D)	(D)	12,404*	10,130*	9,787*	10,074*	10,989*	12,924*
Communication	6,555	7,069	8,534	10,006	10,901	10,848	(D)	62,383*	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	6,867	7,529	7,190	(D)	(D)	8,674	43,632*	46,544*	51,858*	55,899*	51,538*	54,242*
Wholesale trade	39,432	42,877	46,226	47,793	53,557	59,176	145,824	149,589*	176,643	178,774	192,259	218,601
Retail trade	76,916	81,250	85,220	94,739	106,474	115,498	307,355	335,689	360,567	385,647	408,815	439,282
Finance, insurance, and real estate	28,593	31,585	36,083	40,254	45,900	50,174	142,884	153,148	166,119	190,530	210,867*	218,717*
Banking and credit agencies	11,117	12,344	15,072	16,776	18,226	19,931	(D)	(D)	(D)	71,517*	76,106*	(D)
Other finance, insurance, and real estate[9]	17,476	19,241	21,011	23,478	27,674	30,243	80,173*	85,704*	92,924*	108,746*	127,473*	133,417*
Services	138,982	157,088	172,602	190,708	217,600	247,522	602,177	658,957	719,581	809,452	897,970	978,774
Hotels and other lodging places	1,703	2,233	2,507	2,374	2,862	2,464	26,595*	25,985*	27,884*	29,444*	32,532*	35,512*
Personal services	(D)	(D)	(D)	(D)	(D)	(D)	31,162*	33,433*	36,308*	39,897*	43,725*	49,496
Private households	1,760	1,965	1,974	1,973	1,999	2,045	16,451	18,239	18,255	18,132	18,160	18,290
Business services	(D)	(D)	(D)	(D)	20,248	25,524	81,671	94,515	106,700	127,898	145,564	156,978
Auto repair, services, and garages	6,857	9,372	8,705	9,236	10,808	12,559	19,485	22,751	23,893	25,097	27,033	30,470
Miscellaneous repair services	2,267	2,116	3,785	4,401	4,891	6,278	9,160	9,312	9,553	15,735	18,121	13,431
Amusement and recreation services	1,164	1,397	1,773	2,179	2,802	2,749	15,967	18,347	18,966	21,292	22,386	23,468
Motion pictures	170	251	217	289	237	242	(D)	(D)	(D)	(D)	(D)	1,668*
Health services	71,186	78,324	82,259	86,200	97,535	108,249	240,437	243,994	272,478	300,169	334,765	373,659
Legal services	8,676	10,099	12,182	13,889	18,303	20,833	36,174	45,064	47,070	51,492	55,558	63,426
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,367	6,951	8,081	9,612	10,961	12,161	11,240*	13,269*	15,279*	16,319*	18,210*	17,553*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	265
Membership organizations	4,832	5,341	5,376	5,572	5,854	6,433	18,084*	19,644*	20,514*	22,093*	25,196*	28,125*
Miscellaneous services	8,392	9,465	9,735	11,755	15,220	19,008	70,679	86,950	94,200	111,296	123,789	134,345
Government and government enterprises	59,591	65,292	70,890	78,182	84,369	92,571	548,974	584,775	612,264	646,547	697,233	751,102
Federal, civilian	7,551	7,907	8,434	8,587	8,632	9,330	147,105	157,217	164,454	164,775	175,455	187,675
Military	2,279	2,478	2,509	2,755	2,781	2,886	11,280	12,692	13,466	14,117	15,378	15,787
State and local	49,761	54,907	59,947	66,840	72,956	80,355	390,589	414,866	434,344	467,655	506,400	547,640

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lima, OH (MSA)						Lincoln, NE (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,624,842**	**1,793,846**	**1,892,278**	**2,011,835**	**2,105,465**	**2,289,766**	**2,352,141**	**2,509,249**	**2,673,099**	**2,789,104**	**2,980,113**	**3,190,343**
Nonfarm personal income	1,620,899	1,764,564	1,862,180	1,983,699	2,076,901	2,262,707	2,333,990	2,496,348	2,645,414	2,757,349	2,949,983	3,167,452
Farm income[1]	3,943	29,282	30,098	28,136	28,564	27,059	18,151	12,901	27,685	31,755	30,130	22,891
Population (thousands)[2]	152.2	153.3	154.1	155.1	156.0	156.7	200.3	203.5	205.3	206.3	208.1	211.6
Per capita personal income (dollars)	**10,679**	**11,701**	**12,283**	**12,974**	**13,493**	**14,609**	**11,745**	**12,333**	**13,020**	**13,517**	**14,322**	**15,078**
Derivation of total personal income:												
Total earnings by place of work	1,251,515	1,427,528	1,522,406	1,640,030	1,715,099	1,808,006	1,806,171	1,958,389	2,094,273	2,210,746	2,375,702	2,546,468
Less: Personal contributions for social insurance[3]	80,487	91,632	103,026	112,938	117,453	129,425	109,383	120,754	136,507	144,852	156,929	177,538
Plus: Adjustment for residence	−122,367	−144,022	−150,701	−166,590	−173,377	−177,600	−46,071	−52,463	−56,907	−61,206	−67,446	−69,655
Equals: Net earnings by place of residence	1,048,661	1,191,874	1,268,679	1,360,502	1,424,269	1,500,981	1,650,717	1,785,172	1,900,859	2,004,688	2,151,327	2,299,275
Plus: Dividends, interest, and rent[4]	285,647	305,733	314,663	322,306	335,382	365,468	406,184	424,480	443,389	443,176	468,628	507,409
Plus: Transfer payments	290,534	296,239	308,936	329,027	345,814	423,317	295,240	299,597	328,851	341,240	360,158	383,659
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,030,315	1,160,630	1,245,606	1,336,762	1,398,733	1,478,605	1,477,374	1,610,947	1,716,670	1,799,876	1,940,642	2,088,722
Other labor income	134,048	145,204	149,416	164,580	168,215	174,643	145,126	153,546	155,968	163,618	175,636	191,392
Proprietors' income[6]	87,152	121,694	127,384	138,688	148,151	154,758	183,671	193,896	221,635	247,252	259,424	266,354
Farm	1,247	26,611	27,551	25,699	26,110	24,704	14,772	9,555	24,493	28,718	27,065	19,938
Nonfarm	85,905	95,083	99,833	112,989	122,041	130,054	168,899	184,341	197,142	218,534	232,359	246,416
Earnings by industry:												
Farm	3,943	29,282	30,098	28,136	28,564	27,059	18,151	12,901	27,685	31,755	30,130	22,891
Nonfarm	1,247,572	1,398,246	1,492,308	1,611,894	1,686,535	1,780,947	1,788,020	1,945,488	2,066,588	2,178,991	2,345,572	2,523,577
Private	1,115,480	1,251,946	1,334,508	1,444,551	1,505,609	1,585,900	1,344,976	1,465,870	1,543,215	1,640,379	1,773,395	1,929,781
Agricultural services, forestry, fisheries, and other[7]	3,460	3,411	3,109	3,163	4,742	6,090	5,006	4,980	5,439	6,131	8,305	9,583
Agricultural services	3,331	3,306	3,077	3,167	4,735	6,086	4,855	4,863	5,352	6,027	8,215	9,487
Forestry, fisheries, and other[7]	129	105	(L)	(L)	(L)	(L)	151	117	87	104	90	96
Mining	3,349	3,815	4,886	3,327	2,843	3,034	3,429	3,311	4,683	1,583	1,517	1,428
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	847	3,296	3,115	4,513	1,390	1,373	1,311
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	51	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	2,136	133	205	(D)	(D)	92	78
Construction	69,804	91,264	89,144	83,133	87,147	104,819	98,145	111,902	115,648	125,488	135,865	141,719
Manufacturing	562,781	636,872	691,920	773,587	781,145	806,686	266,065	299,869	314,224	331,046	352,960	387,878
Nondurable goods	152,121	166,596	175,756	181,823	174,771	176,068	151,294	156,970	166,319	185,672	200,357	221,801
Food and kindred products	38,786	43,346	47,566	53,051	44,361	42,301	(D)	28,768	28,249	31,125	32,164	36,911
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	758	(D)	(D)	(D)	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	667	59	(D)	(D)	(D)	(D)	383
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,396	1,498	2,168	(D)	(D)	(D)
Printing and publishing	8,722	9,101	9,642	10,497	10,643	11,702	40,455	33,882	38,301	44,331	49,829	56,164
Chemicals and allied products	34,124*	36,499	37,695	37,094*	35,560*	32,862	27,036	29,486	32,201	35,296	36,256	40,041
Petroleum and coal products	29,545	32,458	33,839	30,497	27,070	28,420	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	(D)	40,211	41,970	45,617	51,958	55,646	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	410,660	470,276	516,164	591,764	606,374	630,618	114,771	142,899	147,905	145,374	152,603	166,077
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	2,833	3,327	3,596	3,620	4,391	4,794
Furniture and fixtures	0	0	0	(D)	(D)	(D)	439	372	461	471	666	617
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,481	(D)	(D)	(D)	(D)
Fabricated metal products	48,610	49,790	49,868	58,430	61,626	61,604	16,130	17,179	18,432	19,462	18,699	20,722
Machinery, except electrical	61,811	79,545	85,025	93,107	101,179	116,819	8,446	21,801	22,173	31,259	33,126	39,044
Electric and electronic equipment	39,356*	42,353*	44,028*	(D)	(D)	(D)	31,668	37,654	36,368	37,464	42,465	44,865
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	166,463	36,118	40,277	42,402	27,663	25,477	25,536
Motor vehicles and equipment	(D)	133,557*	163,535*	(D)	184,692*	201,362*	(D)	(D)	(D)	(D)	(D)	1,789
Stone, clay, and glass products	2,704	2,352	1,721	1,747	2,059	2,368	7,558	9,067	9,822	10,200	11,096	11,236
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	8,161	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	845	834	891	986	1,092	1,236	823	837	967	1,009	1,068	1,013
Transportation and public utilities	75,184	83,217	87,459	89,802	94,568	95,458	184,383	198,731	193,624	196,013	205,372	204,986
Railroad transportation	11,207	12,215	11,970	11,450	10,112	9,941	78,092	87,447	82,014	83,244	87,156	77,310
Trucking and warehousing	29,519	35,379	36,197	36,806	40,156	39,045	22,568	23,403	23,398	24,008	28,381	40,043
Water transportation	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(D)
Other transportation[8]	5,035*	5,283	5,631*	5,577*	5,742*	5,494*	(D)	(D)	(D)	9,638	9,967	10,650	(D)
Communication	17,467	17,495	19,437	19,801	21,135	23,737	69,335	71,954	69,563	70,945	71,898	70,322
Electric, gas, and sanitary services	10,962*	12,845	14,128	16,031	17,126	16,906	6,098	7,578	9,018	7,856	7,295	7,347
Wholesale trade	59,523	62,536	62,310	64,618	72,105	75,641	104,218	112,822	117,330	113,194	119,603	131,531
Retail trade	114,623	123,243	131,459	139,491	143,408	155,723	186,629	194,731	210,059	221,267	238,415	258,992
Finance, insurance, and real estate	34,003	35,401	34,810	37,167	39,609	41,363	140,288	146,656	162,559	174,178	191,732	203,780
Banking and credit agencies	17,818	19,075	18,927	19,468	20,567	21,085	38,091	41,046	43,301	47,187	51,183	54,090
Other finance, insurance, and real estate[9]	16,185	16,326	15,883	17,699	19,042	20,278	102,197	105,610	119,258	126,991	140,549	149,690
Services	192,753	212,187	229,411	250,263	280,042	297,086	356,813	392,868	419,649	471,479	519,626	589,884
Hotels and other lodging places	2,442	2,041	2,447	2,232	2,407	2,489	7,085	10,351	10,798	11,163	11,807	12,436
Personal services	13,580	14,363	16,920	17,767	18,407	20,075	21,013	22,230	25,966	27,759	30,522	32,782
Private households	3,030	3,347	3,350	3,330	3,351	3,386	4,074	4,519	4,517	4,469	4,464	4,519
Business services	(D)	16,958	17,918	20,143	24,487	27,407	63,961	74,856	81,061	93,780	110,132	133,458
Auto repair, services, and garages	8,572	10,254	10,656	12,122	13,671	15,006	14,341	17,476	18,455	21,389	22,468	24,492
Miscellaneous repair services	2,887	3,479	3,354	4,345	5,214	6,141	6,283	7,367	6,095	7,463	7,679	8,964
Amusement and recreation services	3,430	3,871	4,187	4,607	5,149	5,430	6,089	6,183	5,532	6,650	7,199	7,801
Motion pictures	369*	375*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	102,037	107,944	118,634	126,581	143,248	147,182	132,944	138,490	150,212	165,764	185,412	211,162
Legal services	8,139	9,647	10,549	13,074	13,408	14,764	28,443	33,607	36,150	43,584	45,583	51,180
Educational services	6,632*	7,282*	(D)	(D)	(D)	(D)	13,970	13,888	14,126	14,664	15,118	15,651
Social services	(D)	(D)	(D)	(D)	8,310	8,109	9,040	10,547	10,944	11,476	12,985	14,901
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,900	11,601	11,792	12,059	12,913	13,808	20,727	22,296	23,014	24,781	25,657	27,954
Miscellaneous services	13,095	15,815	15,074	18,140	19,397	22,593	28,070	29,834	31,478	36,893	39,165	42,859
Government and government enterprises	132,092	146,300	157,800	167,343	180,926	195,047	443,044	479,618	523,373	538,612	572,177	593,796
Federal, civilian	15,315	16,385	17,847	18,282	19,260	20,606	62,021	67,082	70,452	70,380	72,540	81,015
Military	2,096	2,224	2,493	2,585	2,692	2,782	5,374	5,593	6,440	7,564	7,788	7,804
State and local	114,681	127,691	137,460	146,476	158,974	171,659	375,649	406,943	446,481	460,668	491,849	504,977

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Little Rock—North Little Rock, AR (MSA)						Longview—Marshall, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**5,450,674**	**5,894,745**	**6,389,487**	**6,769,768**	**7,117,885**	**7,535,714**	**1,842,329**	**1,948,685**	**2,063,767**	**2,088,467**	**2,126,032**	**2,236,612**
Nonfarm personal income	5,429,793	5,857,515	6,351,991	6,740,766	7,078,329	7,470,558	1,840,419	1,948,148	2,061,416	2,084,483	2,121,357	2,232,930
Farm income[1]	20,881	37,230	37,496	29,002	39,556	65,156	1,910	537	2,351	3,984	4,675	3,682
Population (thousands)[2]	487.1	492.9	499.1	505.2	511.2	513.1	168.8	169.5	169.5	168.1	166.9	166.6
Per capita personal income (dollars)	**11,190**	**11,959**	**12,802**	**13,400**	**13,923**	**14,688**	**10,917**	**11,499**	**12,175**	**12,424**	**12,738**	**13,421**
Derivation of total personal income:												
Total earnings by place of work	4,278,945	4,655,992	5,030,461	5,317,583	5,596,371	5,904,412	1,471,131	1,546,316	1,612,429	1,608,746	1,620,010	1,724,395
Less: Personal contributions for social insurance[3]	262,939	285,379	324,543	374,541	388,013	425,862	79,451	84,211	92,969	93,593	94,161	105,229
Plus: Adjustment for residence	−95,544	−91,756	−93,854	−75,821	−80,607	−74,441	−137,606	−131,223	−137,141	−142,151	−134,956	−169,490
Equals: Net earnings by place of residence	3,920,462	4,278,857	4,612,064	4,867,221	5,127,751	5,404,109	1,254,074	1,330,882	1,382,319	1,373,002	1,390,893	1,449,676
Plus: Dividends, interest, and rent[5]	679,194	741,273	825,951	879,827	910,055	987,078	314,783	339,570	382,500	387,416	389,549	422,690
Plus: Transfer payments	851,018	874,615	951,472	1,022,720	1,080,079	1,144,527	273,472	278,233	298,948	328,049	345,590	364,246
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,586,959	3,888,752	4,206,549	4,468,640	4,659,129	4,891,661	1,172,106	1,232,060	1,283,922	1,255,326	1,258,312	1,346,941
Other labor income	361,709	374,008	385,467	400,260	422,007	447,234	135,962	135,316	133,140	134,499	136,687	146,795
Proprietors' income[6]	330,277	393,232	438,445	448,683	515,235	565,517	163,063	178,940	195,367	218,921	225,011	230,659
Farm	9,355	25,903	26,309	17,965	27,983	53,577	1,029	−337	1,526	3,202	3,890	2,933
Nonfarm	320,922	367,329	412,136	430,718	487,252	511,940	162,034	179,277	193,841	215,719	221,121	227,726
Earnings by industry:												
Farm	20,881	37,230	37,496	29,002	39,556	65,156	1,910	537	2,351	3,984	4,675	3,682
Nonfarm	4,258,064	4,618,762	4,992,965	5,288,581	5,556,815	5,839,256	1,469,221	1,545,779	1,610,078	1,604,762	1,615,335	1,720,713
Private	3,382,720	3,658,256	3,949,217	4,186,998	4,421,233	4,645,091	1,329,383	1,396,195	1,446,392	1,435,298	1,442,049	1,539,308
Agricultural services, forestry, fisheries, and other[7]	12,705	13,864	13,026	14,191	18,045	20,202	5,250	5,337	5,386	5,051	6,391	6,755
Agricultural services	11,592	13,046	(D)	(D)	(D)	(D)	4,750	4,951	5,153	4,944	6,264	6,697
Forestry, fisheries, and other[7]	1,113	818	(D)	(D)	(D)	(D)	500	386	233	107	127	58
Mining	19,459	17,049	19,276	14,876	15,051	16,007	137,195	145,259	140,355	122,887	115,127	117,345
Coal mining	72	75	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	4,183*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	0	0	0
Nonmetallic minerals, except fuels	7,266*	(D)	7,011*	(D)	(D)	(D)	64	79	(D)	(D)	67	68
Construction	262,127	301,976	328,580	337,901	329,270	329,663	133,914	131,457	108,749	105,668	103,182	116,399
Manufacturing	688,357	723,586	736,034	740,526	751,160	802,909	400,655	418,279	456,036	465,686	464,186	500,662
Nondurable goods	313,427	319,727	316,715	322,288	334,277	354,924	159,744	165,625	212,809	231,440	228,528	238,305
Food and kindred products	61,833*	65,627*	67,595*	71,753*	72,783*	73,989*	23,160	27,083	27,722	(D)	30,031	30,031
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0
Apparel and other textile products	(D)	11,085*	10,602	11,306	5,507	6,403*	4,106*	4,041*	3,953*	3,801*	2,744*	4,117*
Paper and allied products	36,215*	39,679*	39,509*	45,307*	51,091	56,445	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	51,262*	58,971*	63,743*	67,737*	82,826*	91,103*	6,792	7,711	7,603	7,898	8,109	11,308
Chemicals and allied products	107,132	(D)	(D)	(D)	(D)	(D)	(D)	(D)	161,862	176,780	171,959	176,968
Petroleum and coal products	6,017*	5,861*	5,739*	6,093*	2,843*	(D)	6,328	5,028	5,580	5,208	5,089	5,410
Tobacco manufactures	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	16,687*	19,351*	19,529*	19,742*	20,143*	22,738	1,543	(D)	3,621	6,288	7,719	7,718
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	374,930	403,859	419,319	418,238	416,883	447,985	240,911	252,654	243,227	234,246	235,658	262,357
Lumber and wood products	(D)	21,732*	23,121*	24,663*	26,341	30,405	8,803	10,663	(D)	9,918	10,274	9,428
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	14,995	20,970	14,577	14,185	13,868	15,585	19,930
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	73,594	74,486	51,750	46,658	50,864	51,409
Machinery, except electrical	46,381	53,506	107,751	116,763	115,595	117,313	74,334	82,428	91,232	82,959	76,496	93,289
Electric and electronic equipment	109,491*	113,719*	66,642*	52,809*	(D)	(D)	(D)	(D)	9,018	9,793*	11,270	11,088*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	26,859*	34,050*	37,553*	(D)	24,296	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,050	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	22,555*	23,244*	(D)	24,877*	24,027*	24,782*	32,552	35,653	37,276	39,456	37,588	41,405
Instruments and related products	(D)	(D)	(D)	15,120	15,598	17,357	2,241	2,267	2,919	2,178	1,217	996
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,188	1,913	2,922	3,200
Transportation and public utilities	423,120	452,800	493,416	516,789	587,960	590,613	102,392	114,477	118,743	112,887	108,528	108,739
Railroad transportation	68,214*	85,264	92,062	95,734	101,429	91,327	9,550	15,673	12,038	10,608	9,765	8,087
Trucking and warehousing	101,321	114,429	127,488	142,892	170,162	176,016	26,795	30,597	31,708	29,233	30,671	32,499
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	776*	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	143,981	133,804	147,121	141,994	167,132	165,201	26,159	24,624	24,704	23,431	23,445	22,387
Electric, gas, and sanitary services	83,014	89,154	94,191	99,875	110,090	116,633	21,362	24,591	30,931	31,371	28,450	27,868
Wholesale trade	325,950	368,611	393,268	405,498	423,154	448,603	88,705	91,023	97,586	92,352	95,105	112,177
Retail trade	449,884	479,780	515,475	542,675	562,759	589,720	178,981	179,846	186,490	189,393	184,588	189,758
Finance, insurance, and real estate	352,712	367,731	418,094	472,021	480,841	466,637	55,122	60,122	68,521	70,997	76,484	78,856
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	109,491*	29,269	30,573	32,804	32,557	32,869	32,756
Other finance, insurance, and real estate[9]	259,841*	267,818*	310,748*	351,726*	353,939*	343,452*	25,853	29,549	35,717	38,440	43,615	46,100
Services	848,406	932,859	1,032,048	1,142,521	1,252,993	1,380,737	227,169	250,395	264,526	270,377	288,458	308,617
Hotels and other lodging places	21,680*	25,497*	25,707*	27,255*	28,458*	29,718*	5,431	(D)	5,280	4,906	(D)	(D)
Personal services	46,257	50,714	62,829	68,101	70,616	75,372	15,743	15,534	18,518	18,466	19,668	19,843
Private households	9,011	10,016	10,099	10,087	10,169	10,265	10,261	11,546	11,759	11,908	11,999	12,121
Business services	136,862	165,392	185 751	213,382	226,409	261,992	38,030	42,156	43,656	38,090	38,740	41,225
Auto repair, services, and garages	41,936	47,025	51,319	55,018	57,671	61,510	13,050	14,023	13,671	14,832	14,483	14,150
Miscellaneous repair services	15,573	18,416	17,181	19,412	17,983	20,976	9,650	9,681	9,160	9,130	9,527	11,192
Amusement and recreation services	8,547	9,481	11,495	12,967	13,388	14,669	3,770	4,071	4,525	4,707	4,981	4,876
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	369,417	380,683	412,943	447,980	516,308	561,485	73,158	77,779	84,560	89,763	100,723	108,384
Legal services	63,664	76,449	85,977	98,645	105,744	118,635	16,531	19,804	24,179	24,988	28,328	32,129
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	25,421	27,236	31,213	36,455	41,847	45,514	3,537	3,907	4,219	4,649	5,486	6,453
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	34,413	36,038	39,115	39,650	40,689	43,313	8,598	8,975	9,926	10,114	10,688	11,385
Miscellaneous services	56,761	64,488	69,992	82,250	89,522	96,291	19,688	27,546	23,956	27,572	27,822	28,868
Government and government enterprises	875,344	960,506	1,043,748	1,101,583	1,135,582	1,194,165	139,838	149,584	163,686	169,464	173,286	181,405
Federal, civilian	208,948	229,759	243,482	246,804	263,157	290,351	13,933	15,242	16,812	16,785	16,816	18,329
Military	133,392	145,735	154,991	158,124	159,527	153,133	2,877	2,897	3,205	3,457	3,847	3,985
State and local	533,004	585,012	645,275	696,655	712,898	750,681	123,028	131,445	143,669	149,222	152,623	159,091

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lorain—Elyria, OH (PMSA)						Los Angeles—Long Beach, CA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,855,733**	**3,081,311**	**3,274,804**	**3,408,761**	**3,647,395**	**3,919,524**	**109,980,556**	**120,917,236**	**130,394,775**	**138,876,149**	**150,639,721**	**161,367,777**
Nonfarm personal income	2,851,183	3,068,153	3,259,378	3,394,454	3,629,573	3,902,607	109,802,665	120,729,845	130,211,131	138,709,034	150,454,002	161,178,785
Farm income[1]	4,550	13,158	15,426	14,307	17,822	16,917	177,891	187,391	183,644	167,115	185,719	188,992
Population (thousands)[2]	271.8	270.8	270.3	268.9	269.5	270.5	7,886.6	7,998.0	8,130.8	8,333.2	8,481.5	8,587.8
Per capita personal income (dollars)	**10,505**	**11,377**	**12,116**	**12,679**	**13,532**	**14,492**	**13,945**	**15,118**	**16,037**	**16,665**	**17,761**	**18,790**
Derivation of total personal income:												
Total earnings by place of work	1,849,831	1,995,824	2,118,435	2,137,083	2,276,257	2,510,067	91,878,534	101,264,699	109,557,500	118,143,573	129,996,146	138,788,433
Less: Personal contributions for social insurance[3]	119,182	129,473	144,691	149,095	157,206	180,485	5,270,297	5,820,051	6,610,269	7,212,070	7,908,589	8,821,991
Plus: Adjustment for residence	265,232	309,337	349,020	414,558	466,884	450,664	−9,643,446	−10,346,020	−11,318,504	−12,634,144	−14,469,059	−15,049,351
Equals: Net earnings by place of residence	1,995,881	2,175,688	2,322,764	2,402,546	2,585,935	2,780,246	76,964,791	85,098,628	91,628,727	98,297,359	107,618,498	114,917,091
Plus: Dividends, interest, and rent[4]	370,467	415,615	431,363	445,317	477,704	520,785	17,779,467	20,312,852	21,629,271	22,430,965	23,922,275	26,302,220
Plus: Transfer payments	489,385	490,008	520,677	560,898	583,756	618,493	15,236,298	15,505,756	17,136,777	18,147,825	19,098,948	20,148,466
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,537,502	1,657,532	1,769,065	1,778,093	1,890,305	2,092,890	75,540,109	83,021,540	90,045,073	96,701,490	106,560,513	113,764,176
Other labor income	214,865	219,355	221,994	221,436	233,372	257,088	8,243,694	8,674,747	8,908,277	9,602,694	10,468,296	11,098,021
Proprietors' income[5]	97,464	118,937	127,376	137,554	152,580	160,089	8,094,731	9,568,412	10,604,150	11,839,389	12,967,337	13,926,236
Farm	−611	8,082	10,421	9,358	12,637	11,757	100,068	107,229	103,162	82,063	89,670	89,170
Nonfarm	98,075	110,855	116,955	128,196	139,943	148,332	7,994,663	9,461,183	10,500,988	11,757,326	12,877,667	13,837,066
Earnings by industry:												
Farm	4,550	13,158	15,426	14,307	17,822	16,917	177,891	187,391	183,644	167,115	185,719	188,992
Nonfarm	1,845,281	1,982,666	2,103,009	2,122,776	2,258,435	2,493,150	91,700,643	101,077,308	109,373,856	117,976,458	129,810,427	138,599,441
Private	1,633,500	1,755,636	1,860,904	1,865,658	1,987,320	2,196,529	81,106,035	89,745,672	97,055,633	104,799,644	115,495,005	123,328,623
Agricultural services, forestry, fisheries, and other[7]	6,675	7,134	7,741	7,958	10,075	12,175	293,582	300,582	297,050	313,491	422,739	476,737
Agricultural services	6,482	7,005	7,688	7,901	10,026	12,124	255,990	270,698	263,772	278,360	391,128	440,266
Forestry, fisheries, and other[7]	193	129	53	57	(L)	51	37,592	29,884	33,278	35,131	31,611	36,471
Mining	9,757	5,879	6,668	3,738	3,588	3,137	650,005	685,969	689,368	536,658	502,840	535,992
Coal mining	80	99	100	91	(L)	(L)	(D)	1,719	1,998	1,371	355	362
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	608,837	639,259	641,629	481,227	449,310	478,276
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(D)	1,207	1,276	1,247	3,205	2,719
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	37,881	43,784	44,465	52,813	49,970	54,635
Construction	70,958	83,046	87,704	98,151	122,052	140,284	3,998,278	4,539,556	5,051,589	5,579,757	6,237,982	6,750,969
Manufacturing	913,463	973,019	1,030,068	983,511	1,017,296	1,156,425	22,493,897	24,502,596	25,698,595	26,749,220	28,546,310	29,736,542
Nondurable goods	101,619	106,624	108,230	108,952	117,026	125,733	6,420,382	6,800,907	7,025,795	7,410,902	8,057,091	8,647,034
Food and kindred products	9,201	10,008	10,765	11,438	11,652	11,544	1,325,945	1,366,018	1,336,437	1,384,302	1,478,590	1,477,578
Textile mill products	0	0	0	0	0	0	160,357	165,555	184,071	205,059	238,543	261,058
Apparel and other textile products	2,298	1,983	(D)	(D)	(D)	(D)	960,451	1,083,029	1,125,690	1,263,105	1,443,119	1,566,862
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	454,284	506,252	516,375	540,720	583,400	608,066
Printing and publishing	13,013	14,169	16,047	16,935	17,837	17,910	1,354,886	1,452,797	1,543,093	1,612,067	1,828,143	1,985,713
Chemicals and allied products	59,575	59,172	57,062	56,597	61,797	68,022	721,696	785,754	812,526	889,985	937,560	1,080,794
Petroleum and coal products	(D)	(D)	1,207	1,207	1,221	1,024	722,062	682,309	772,345	719,331	681,934	781,437
Tobacco manufactures	0	0	0	0	0	0	583	806	503	578	756	(D)
Rubber and misc. plastic products	14,897	18,269	19,928	19,905	22,123	25,241	619,545	670,331	652,252	711,262	782,073	801,853
Leather and leather products	0	0	0	0	0	0	100,573	88,056	82,503	84,493	82,973	(D)
Durable goods	811,844	866,395	921,838	874,559	900,270	1,030,692	16,073,515	17,701,689	18,672,800	19,338,318	20,489,219	21,089,508
Lumber and wood products	453	462	639	934	1,113	1,142	190,718	229,115	227,952	252,653	298,671	316,363
Furniture and fixtures	(D)	0	(D)	(D)	(D)	(D)	603,375	682,443	712,598	732,559	793,757	826,182
Primary metal industries	(D)	(D)	162,844	120,389	125,875	194,720	559,217	632,954	563,649	597,009	622,333	681,859
Fabricated metal products	88,939	100,418	101,703	97,141	99,323	110,398	1,622,953	1,841,809	1,876,077	1,880,797	2,005,406	1,947,573
Machinery, except electrical	64,123	71,376	77,928	82,783	86,992	102,009	2,015,396	2,148,569	2,165,915	2,009,331	2,101,606	2,006,652
Electric and electronic equipment	50,646	55,203	52,019	53,410	53,766	57,602	4,203,769	4,761,612	5,174,666	5,449,514	5,660,900	6,158,730
Transportation equip. excl. motor vehicles	15,620	13,512	14,657	15,308	16,712	18,272	4,771,520	5,093,097	5,527,173	6,052,862	6,581,560	6,661,627
Motor vehicles and equipment	404,134	427,103	481,337	467,426	470,519	(D)	505,979	551,523	570,292	514,338	506,934	541,308
Stone, clay, and glass products	7,133	7,532	8,654	10,899	12,893	14,037	461,528	505,450	478,853	495,563	507,758	545,449
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	658,211	720,002	814,216	795,540	810,103	779,559
Miscellaneous manufacturing industries	2,910	3,592	3,738	3,816	4,442	3,297	480,849	535,115	561,409	558,152	600,191	624,206
Transportation and public utilities	104,013	112,793	116,854	119,439	119,846	118,763	6,598,859	6,851,519	7,098,366	7,479,858	7,833,674	8,040,952
Railroad transportation	7,703	7,394	6,325	5,888	5,126	5,128	217,343	245,057	249,484	235,335	231,654	214,427
Trucking and warehousing	35,254	42,555	43,016	41,708	44,009	45,374	1,247,407	1,364,118	1,401,441	1,457,149	1,592,470	1,669,104
Water transportation	(D)	(D)	1,109	1,209	1,553	1,399	294,060	386,806	407,006	431,193	431,416	450,463
Other transportation[8]	(D)	(D)	4,967	5,944	7,086	5,148	1,946,167	1,921,068	2,011,467	2,350,745	2,489,557	2,735,581
Communication	21,296	21,139	21,117	22,349	18,557	18,822	2,170,390	2,156,207	2,187,898	2,117,759	2,154,028	2,016,476
Electric, gas, and sanitary services	33,868	35,969	40,320	42,341	43,515	42,892	723,492	778,263	841,070	887,677	934,549	954,901
Wholesale trade	36,051	42,291	46,582	51,955	64,460	65,188	7,271,441	8,217,235	8,967,541	9,714,798	10,090,973	10,994,531
Retail trade	157,131	165,176	173,367	179,748	184,376	196,956	8,833,236	9,562,507	10,192,618	10,786,210	11,398,012	12,161,364
Finance, insurance, and real estate	41,903	43,675	44,978	48,117	54,385	59,233	6,452,473	7,166,642	8,061,456	9,579,634	11,425,476	11,871,035
Banking and credit agencies	22,342	22,727	23,871	25,809	27,968	28,727	2,587,850	2,822,355	3,048,019	3,408,750	3,771,858	3,921,209
Other finance, insurance, and real estate[9]	19,561	20,948	21,107	22,308	26,417	30,506	3,864,623	4,344,287	5,013,437	6,170,884	7,653,618	7,949,826
Services	293,549	322,623	346,942	373,041	411,242	444,368	24,514,264	27,919,066	30,999,050	34,060,018	39,036,999	42,760,501
Hotels and other lodging places	3,961	4,001	4,485	4,421	4,407	4,590	442,110	508,665	529,914	559,532	646,143	764,662
Personal services	13,418	13,943	17,275	19,026	20,450	22,058	806,773	860,442	1,030,712	1,107,743	1,202,116	1,309,768
Private households	3,542	3,921	3,919	3,895	3,917	3,957	474,244	535,766	547,541	557,026	571,058	588,287
Business services	17,433	23,578	24,198	26,340	32,883	37,795	5,370,488	6,309,351	7,139,430	7,832,181	8,793,773	9,756,625
Auto repair, services, and garages	8,872	11,040	12,980	14,217	15,170	16,706	926,367	1,071,465	1,186,728	1,283,433	1,377,126	1,533,985
Miscellaneous repair services	8,416	9,888	11,952	10,540	12,745	16,436	483,998	600,478	613,552	594,274	595,421	661,971
Amusement and recreation services	7,053	7,324	7,982	8,324	9,028	9,658	840,420	1,080,249	1,220,817	1,424,630	1,717,852	1,953,616
Motion pictures	768	(D)	(D)	(D)	(D)	(D)	2,406,098	2,984,078	3,363,620	3,562,811	4,101,334	4,355,153
Health services	150,363	158,098	167,760	177,349	195,151	206,747	6,292,016	6,766,449	7,388,188	7,945,583	9,406,530	9,856,176
Legal services	11,258	12,837	13,868	15,750	17,978	20,485	2,004,413	2,373,004	2,718,041	3,195,680	3,801,920	4,310,026
Educational services	(D)	31,407	33,758	37,320	38,475	40,501	969,319	1,073,772	1,108,795	1,115,628	1,166,095	1,288,145
Social services	5,970	6,873	7,497	7,666	8,319	11,529	420,407	425,656	472,422	526,753	622,948	727,426
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	16,378	20,153	25,049	31,319	34,790	41,571
Membership organizations	16,777	17,636	17,835	18,180	19,239	20,651	760,891	792,957	840,126	893,114	957,397	1,046,502
Miscellaneous services	17,567	21,321	22,660	29,289	32,868	32,709	2,300,342	2,516,581	2,814,115	3,430,311	4,042,496	4,566,588
Government and government enterprises	211,781	227,030	242,105	257,118	271,115	296,621	10,594,608	11,331,636	12,318,223	13,176,814	14,315,422	15,270,818
Federal, civilian	44,108	44,562	49,011	48,169	49,987	53,622	1,931,997	1,994,252	2,077,729	2,091,711	2,235,194	2,347,467
Military	3,644	3,686	3,994	4,256	4,594	4,844	372,576	414,203	492,305	550,985	584,551	613,601
State and local	164,029	178,782	189,100	204,693	216,534	238,155	8,290,035	8,923,181	9,748,189	10,534,118	11,495,677	12,309,750

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Louisville, KY—IN (MSA)						Lubbock, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**11,132,082**	**11,921,675**	**12,473,354**	**13,183,643**	**14,132,026**	**15,163,992**	**2,471,439**	**2,584,582**	**2,705,974**	**2,754,419**	**2,892,095**	**3,046,227**
Nonfarm personal income	11,090,571	11,845,013	12,410,571	13,114,216	14,061,674	15,096,626	2,429,481	2,528,889	2,669,001	2,726,227	2,837,332	3,000,141
Farm income[1]	41,511	76,662	62,783	69,427	70,352	67,366	41,958	55,693	36,973	28,192	54,763	46,086
Population (thousands)[2]	963.1	963.7	963.6	964.2	966.9	967.0	222.6	223.5	222.7	226.7	227.4	226.8
Per capita personal income (dollars)	**11,559**	**12,371**	**12,945**	**13,673**	**14,616**	**15,682**	**11,100**	**11,566**	**12,150**	**12,152**	**12,717**	**13,432**
Derivation of total personal income:												
Total earnings by place of work	8,227,345	8,907,068	9,299,120	9,820,942	10,602,017	11,377,774	1,939,579	2,008,575	2,075,350	2,082,896	2,184,500	2,290,819
Less: Personal contributions for social insurance[3]	437,928	478,627	530,428	574,990	617,048	691,564	100,396	103,416	113,721	116,695	121,203	133,376
Plus: Adjustment for residence	−177,382	−237,570	−250,493	−263,834	−292,067	−310,971	−25,316	−21,323	−21,289	−23,555	−23,994	−26,314
Equals: Net earnings by place of residence	7,612,035	8,190,871	8,518,199	8,982,118	9,692,902	10,375,239	1,813,867	1,883,836	1,940,340	1,942,646	2,039,303	2,131,129
Plus: Dividends, interest, and rent[5]	1,833,721	2,001,542	2,132,258	2,248,981	2,399,675	2,616,442	372,607	399,594	431,727	448,869	459,635	499,820
Plus: Transfer payments	1,686,326	1,729,262	1,822,897	1,952,544	2,039,449	2,172,311	284,965	301,152	333,907	362,904	393,157	415,278
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,778,594	7,308,738	7,671,294	8,063,008	8,697,361	9,347,320	1,512,085	1,544,212	1,618,784	1,620,746	1,669,647	1,760,817
Other labor income	762,458	794,541	787,687	826,831	882,443	939,505	142,414	135,972	134,843	140,851	146,476	156,308
Proprietors' income[6]	686,293	803,789	840,139	931,103	1,022,213	1,090,949	285,080	328,391	321,723	321,299	368,377	373,694
Farm	27,914	63,286	49,660	56,424	56,720	53,753	36,497	50,324	31,675	22,962	49,250	40,584
Nonfarm	658,379	740,503	790,479	874,679	965,493	1,037,196	248,583	278,067	290,048	298,337	319,127	333,110
Earnings by industry:												
Farm	41,511	76,662	62,783	69,427	70,352	67,366	41,958	55,693	36,973	28,192	54,763	46,086
Nonfarm	8,185,834	8,830,406	9,236,337	9,751,515	10,531,665	11,310,408	1,897,621	1,952,882	2,038,377	2,054,704	2,129,737	2,244,733
Private	7,142,886	7,739,869	8,068,938	8,521,206	9,233,209	9,917,355	1,495,929	1,519,880	1,579,398	1,592,838	1,640,402	1,733,785
Agricultural services, forestry, fisheries, and other[7]	28,695	30,164	31,504	32,171*	42,823*	48,231*	12,295	12,629	12,403	9,418	13,872	16,373
Agricultural services	27,766	(D)	30,694	31,322*	42,071*	47,388*	12,226	(D)	12,298	9,327	13,807	16,305
Forestry, fisheries, and other[7]	929	(D)	810	968	854	957	69	(D)	105	91	65	68
Mining	37,552	39,884	50,141	30,740*	28,809*	(D)	19,185	20,551	19,172	12,869	13,662	13,164
Coal mining	1,824*	2,854*	3,513	3,064	725	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	22,841*	23,279*	31,454*	13,931*	13,335*	13,061*	18,444	19,787	18,327	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	734	756	835	(D)	(D)	(D)
Construction	504,471	511,305	519,045	588,122	651,664	680,336	149,135	157,750	162,119	156,583	147,812	144,069
Manufacturing	2,364,978	2,588,237	2,593,226	2,634,767	2,764,804	2,910,966	262,181	197,336	186,337	178,559	175,305	186,725
Nondurable goods	1,019,361	1,059,495	1,082,131	1,110,181	1,161,618	1,213,421	59,926	59,192	62,920	65,564	66,547	70,397
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	35,652	35,218	36,587	38,228	38,571	41,335
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	35,853*	35,895*	36,877*	39,162*	44,951*	1,359	1,543	1,711	1,807	2,030	1,823
Paper and allied products	49,212*	54,816*	54,818*	58,160*	66,639*	73,504*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	148,686*	155,164*	168,428*	174,850*	176,625*	190,143*	12,398	12,619	14,125	14,292	14,495	15,029
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,625	2,647	3,083	3,434	3,130	2,591
Petroleum and coal products	6,126*	4,242*	3,422*	4,171*	4,376*	5,847*	1,512	606	243	237	199	273
Tobacco manufactures	237,618	241,776	239,513	218,610	218,619*	215,338*	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	3,950	4,681	4,932	5,059	6,041	7,685
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,345,617	1,528,742	1,511,095	1,524,586	1,603,186	1,697,545	202,255	138,144	123,417	112,995	108,758	116,328
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	2,374	2,367	2,728	3,060	3,287	4,068
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	515	1,023	1,001	829	(D)	(D)
Primary metal industries	100,355*	(D)	(D)	(D)	(D)	70,886*	6,723	8,948	7,690	4,915	3,159	4,517
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	10,253	11,972	11,428	11,214	12,232	14,193
Machinery, except electrical	182,609*	213,748*	193,919*	181,852*	181,517*	198,136*	35,602	36,166	29,254	32,857	31,467	34,760
Electric and electronic equipment	405,323*	474,098*	449,666*	476,875*	512,494*	535,750*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	325	295	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	52,072*	(D)	(D)	69,085*	(D)	4,258	3,375	3,537	3,944	3,853	3,738
Instruments and related products	7,722*	7,708*	7,928*	8,587*	(D)	(D)	(D)	1,125	1,034	1,096	1,286	1,402
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,957	2,389	2,165	1,811	2,613	2,746
Transportation and public utilities	675,731	724,327	760,858	800,928	881,974	953,298	130,486	135,122	136,372	141,085	147,612	151,550
Railroad transportation	120,390	127,751*	118,132*	108,977*	(D)	(D)	15,290	16,150	15,251	13,958	13,249	12,635
Trucking and warehousing	215,338	250,890	268,260	288,627	282,587	352,362	46,414	53,046	53,065	56,594	61,086	63,047
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	137,098	138,490	13,412	12,191	13,462	11,614	14,731	15,697
Communication	150,683*	144,755*	141,555*	145,898*	156,886*	157,379*	38,118	36,436	36,777	38,023	39,831	40,142
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	17,287	17,339	17,840	20,928	18,736	20,018
Wholesale trade	572,732	619,724	653,824	636,638	696,057	745,080	158,711	170,839	176,678	171,590	165,431	177,116
Retail trade	865,336	931,501	979,118	1,037,746	1,107,998	1,188,686	267,465	282,366	299,002	306,496	299,181	314,400
Finance, insurance, and real estate	528,148	566,944	617,370	673,849	733,782	765,370	110,559	120,378	125,165	134,393	141,057	141,343
Banking and credit agencies	193,730*	211,701*	221,576*	236,890*	254,376*	243,771*	47,888	51,827	52,087	52,615	53,323	52,799
Other finance, insurance, and real estate[9]	325,892*	346,072*	369,274*	407,988*	449,938*	489,781*	62,671	68,551	73,078	81,778	87,734	88,544
Services	1,565,243	1,727,783	1,863,852	2,083,656	2,322,449	2,588,801	385,912	422,909	462,150	481,845	536,470	589,045
Hotels and other lodging places	47,875*	46,059*	47,334*	47,240*	51,328*	51,086*	7,001	6,413	6,230	5,317	5,237	9,274
Personal services	83,464*	90,573	104,540	116,601	124,807	139,800	26,910	27,995	34,337	34,287	35,736	37,874
Private households	23,986*	27,368	27,403	26,821*	27,282	27,090*	10,516	11,831	12,052	12,202	12,296	12,420
Business services	199,330	232,705	264,503	312,703	361,758	415,578	66,237	74,910	80,424	79,150	83,777	89,831
Auto repair, services, and garages	74,971	89,256	97,739	111,161	118,086	129,199	19,568	22,706	22,616	24,493	24,459	26,608
Miscellaneous repair services	28,714	31,946*	30,006	34,677	39,369	45,294	10,316	10,796	10,272	10,746	12,597	15,150
Amusement and recreation services	40,232*	41,410*	46,786	54,489	63,041	63,373	5,797	5,983	6,726	7,650	7,509	6,720
Motion pictures	2,910*	4,055*	4,830*	4,696*	(D)	5,730*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	670,391	725,960	764,234	829,564	930,521	1,035,652	160,841	171,711	193,110	206,101	246,489	271,331
Legal services	128,032	154,077	164,356	186,646	204,395	226,438	21,069	25,727	28,126	30,920	33,837	38,609
Educational services	48,342	55,064	58,846	64,511	69,178	73,217	6,080	6,808	7,888	7,236	8,685	9,850
Social services	42,039*	40,358*	42,926*	48,038*	54,606*	61,117*	6,713	7,114	7,398	8,033	8,827	9,665
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	65,020	68,353	70,368	73,528	78,036	82,987	13,367	13,979	15,096	15,501	16,500	17,364
Miscellaneous services	101,460	113,304	134,046	167,815	188,689	225,795	30,679	35,934	36,995	39,278	39,642	43,315
Government and government enterprises	1,042,948	1,090,537	1,167,399	1,230,309	1,298,456	1,393,053	401,692	433,002	458,979	461,866	489,335	510,948
Federal, civilian	287,325	289,401	313,624	312,398	326,083	359,029	47,466	50,555	53,513	53,470	56,882	59,899
Military	31,648	36,696	38,144	41,313	44,736	46,523	55,249	60,165	59,729	63,028	65,558	65,131
State and local	723,975	764,440	815,631	876,598	927,637	987,501	298,977	322,282	345,737	345,368	366,895	385,918

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Lynchburg, VA (MSA)						Macon—Warner Robins, GA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,425,454**	**1,553,244**	**1,622,522**	**1,718,406**	**1,850,647**	**1,995,209**	**2,814,174**	**3,048,465**	**3,262,323**	**3,491,874**	**3,785,538**	**4,090,657**
Nonfarm personal income	1,423,458	1,546,478	1,619,034	1,712,397	1,841,583	1,986,067	2,802,408	3,030,247	3,245,975	3,468,838	3,763,927	4,065,361
Farm income[1]	1,996	6,766	3,488	6,009	9,064	9,142	11,766	18,218	16,348	23,036	21,611	25,296
Population (thousands)[2]	142.1	142.6	144.0	145.3	145.2	145.5	275.8	277.8	279.7	280.2	282.9	286.7
Per capita personal income (dollars)	**10,032**	**10,895**	**11,264**	**11,830**	**12,747**	**13,715**	**10,202**	**10,972**	**11,662**	**12,463**	**13,381**	**14,266**
Derivation of total personal income:												
Total earnings by place of work	1,242,120	1,368,151	1,422,731	1,513,686	1,628,416	1,720,494	2,191,422	2,402,912	2,573,171	2,737,049	2,952,533	3,174,099
Less: Personal contributions for social insurance[3]	69,048	75,188	82,058	88,739	94,699	105,288	119,400	131,894	146,165	155,388	165,475	183,143
Plus: Adjustment for residence	−248,096	−271,056	−280,718	−300,334	−325,192	−329,637	−138,853	−164,264	−175,989	−159,380	−165,114	−174,445
Equals: Net earnings by place of residence	924,976	1,021,907	1,059,955	1,124,613	1,208,525	1,285,569	1,933,169	2,106,754	2,251,017	2,422,281	2,621,944	2,816,511
Plus: Dividends, interest, and rent[5]	268,474	292,940	306,159	312,509	348,393	385,686	366,555	405,790	426,885	452,380	507,900	559,938
Plus: Transfer payments	232,004	238,397	256,408	281,284	293,729	323,954	514,450	535,921	584,421	617,213	655,694	714,208
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,040,757	1,142,004	1,194,196	1,261,882	1,352,742	1,430,694	1,860,714	2,028,056	2,177,348	2,290,080	2,461,739	2,637,732
Other labor income	120,449	125,416	123,750	132,857	140,953	146,696	174,823	185,948	193,151	207,047	231,197	253,392
Proprietors' income[6]	80,914	100,731	104,785	118,947	134,721	143,104	155,885	188,908	202,672	239,922	259,597	282,975
Farm	377	5,176	1,904	4,438	7,405	7,469	7,517	14,046	12,204	18,947	17,308	20,981
Nonfarm	80,537	95,555	102,881	114,509	127,316	135,635	148,368	174,862	190,468	220,975	242,289	261,994
Earnings by industry:												
Farm	1,996	6,766	3,488	6,009	9,064	9,142	11,766	18,218	16,348	23,036	21,611	25,296
Nonfarm	1,240,124	1,361,385	1,419,243	1,507,677	1,619,352	1,711,352	2,179,656	2,384,694	2,556,823	2,714,013	2,930,922	3,148,803
Private	1,104,761	1,219,680	1,263,628	1,339,932	1,438,319	1,519,896	1,430,372	1,590,504	1,714,574	1,866,144	2,048,028	2,226,686
Agricultural services, forestry, fisheries, and other[7]	4,234	4,390	4,573	4,839	6,149	7,306	10,983	12,257	12,134	13,435	14,939	17,096
Agricultural services	3,605	3,825	(D)	(D)	6,066	7,238	7,294*	8,649*	9,049*	10,074*	12,067	(D)
Forestry, fisheries, and other[7]	629	565	(D)	(D)	83	68	(D)	(D)	2,705*	3,124*	2,872	(D)
Mining	3,069	3,408	4,481	2,088	2,424	2,759	(D)	6,057	7,356	4,377	(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)	(D)	3,174*	(D)	(D)
Construction	55,990	65,627	71,246	84,969	96,977	105,901	96,972	116,354	119,549	135,288	146,766	151,692
Manufacturing	554,589	621,118	614,478	628,258	649,027	653,075	443,075	478,417	509,523	532,296	579,458	601,764
Nondurable goods	168,192	182,230	185,627	196,579	200,409	200,415	284,366	310,236	335,577	342,392*	378,235*	386,938*
Food and kindred products	35,772*	37,830*	39,771*	42,456*	45,158*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	25,868	27,517	26,193	26,718	27,258	27,551	(D)	30,581	32,258	31,526	34,065	33,833*
Apparel and other textile products	(D)	(D)	(D)	(D)	11,348	9,715	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	41,804	59,647	64,155	74,491	77,761	82,056	87,036
Printing and publishing	32,446	37,355	41,052	44,561*	45,107*	46,085*	11,157*	14,459*	14,971*	18,672*	19,822*	20,123*
Chemicals and allied products	12,933	14,386	14,023	15,600	16,845	17,946	10,267	8,470	8,467	(D)	(D)	8,103
Petroleum and coal products	353	240	(D)	0	0	0	1,667	1,776	1,620	1,349	1,570	1,354
Tobacco manufactures	0	0	0	0	0	0	75,167	86,837	105,234	111,148	(D)	(D)
Rubber and misc. plastic products	4,432	5,356	5,813	6,692	7,381	7,588	4,938	(D)	(D)	(D)	(D)	6,950*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Durable goods	386,397	438,888	428,851	431,679	448,618	452,660	158,709	168,181	173,946	185,554*	197,246*	210,502*
Lumber and wood products	11,786	14,530	14,907	17,923	20,753	21,928	7,072*	8,975*	8,290*	7,044*	7,558	7,802
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	44,115	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	152,930*	157,640*	166,733	175,899	177,779	175,811*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	24,425	(D)	(D)	(D)	(D)	4,513*	(D)	6,565*	7,514*	10,294*	14,069*
Electric and electronic equipment	(D)	110,796	98,107	80,375	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
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)	(D)	(D)	(D)	(D)	(D)	(D)	63,947*
Stone, clay, and glass products	2,639	2,837	3,145	3,360	3,895	4,263	28,002*	29,959*	31,947*	35,227*	33,250	34,279
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	71,778	75,882	77,229	82,591	86,964	87,187	121,613	131,203	142,503	152,514	155,460*	173,180*
Railroad transportation	(D)	8,836	7,455	7,150	7,220	8,012	(D)	28,177	28,813	28,348	29,216	30,025
Trucking and warehousing	24,933	28,889	27,829	30,916	33,025	36,402	24,426	28,940	31,004	34,793	35,872	38,007
Water transportation	0	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)
Other transportation[8]	11,105	12,860	14,300	(D)	(D)	(D)	5,057	10,365*	(D)	(D)	(D)	(D)
Communication	19,687	17,531	18,642	20,243	20,950	21,724	(D)	37,377*	39,060*	39,063*	47,020*	53,381*
Electric, gas, and sanitary services	6,932*	7,766	9,003	(D)	(D)	(D)	21,720*	22,671*	(D)	(D)	33,709	37,255
Wholesale trade	47,420	52,587	58,531	65,120	77,948	77,875	92,084	111,824	124,932	130,760	140,046	163,060
Retail trade	106,851	115,774	122,457	130,712	139,335	171,111	208,624	226,656	248,298	270,380	293,057	309,505
Finance, insurance, and real estate	56,070	60,805	65,212	70,876	84,558	89,678	123,779*	134,755	144,075	164,289	176,882	186,275
Banking and credit agencies	(D)	25,551*	(D)	(D)	34,441*	33,008*	34,194*	36,361*	36,996*	42,316*	45,227*	49,596
Other finance, insurance, and real estate[9]	(D)	33,632*	(D)	(D)	47,900*	54,115*	87,637*	94,520*	103,826*	117,271*	126,381*	136,679
Services	204,760	220,089	245,421	270,479	294,937	325,004	327,928	372,981	406,204	462,805	529,590	611,596
Hotels and other lodging places	4,926	(D)	(D)	(D)	5,226	4,927	10,472*	11,862*	12,264*	13,727	15,092	19,648*
Personal services	12,302	12,810	15,181	15,926	17,702	19,459	15,985	17,501	20,109	22,256	24,208	26,646
Private households	8,700	9,766	9,882	9,964	10,168	10,424	13,843	15,602	15,941	16,169	16,558	16,976
Business services	21,165	18,903	24,499	29,477	29,864	32,140	23,809	30,252	32,429	37,275	42,699	51,895
Auto repair, services, and garages	8,192	9,379	11,146	12,669	13,951	13,748	14,778	16,961	20,516	22,455	24,704	28,684
Miscellaneous repair services	3,787	4,426	3,984	4,467	4,805	5,255	9,056	9,731	7,646	10,824	10,864	12,210
Amusement and recreation services	2,641	5,061	(D)	(D)	4,861*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	612	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	75,828	81,487	90,021	95,722	110,193	121,756	125,487	139,224	157,916	175,735	214,315	260,106
Legal services	9,536	11,582	13,756	17,049	18,665	21,768	22,469	29,653	32,291	36,354	39,197	43,436
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	25,043*	27,511*	30,330*	33,086*	36,241*	40,120*
Social services	(D)	(D)	(D)	12,758	14,242	15,912	8,011*	8,940*	10,402*	11,579*	12,554*	13,563*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,953	10,551	10,617	9,892	10,039	11,214	18,577	19,557	18,846	18,693	19,718	21,170
Miscellaneous services	12,987	14,365	17,088	21,365	23,632	27,218	34,437	39,640	40,354	56,333	63,798	66,587
Government and government enterprises	135,363	141,705	155,615	167,745	181,033	191,456	749,284	794,190	842,249	847,869	882,894	922,117
Federal, civilian	13,020	13,522	14,220	14,159	15,666	16,734	437,425	469,666	493,698	463,764	468,895	479,133
Military	3,149	3,579	4,147	4,839	5,163	5,446	97,113	94,118	99,903	106,488	112,514	114,252
State and local	119,194	124,604	137,248	148,747	160,204	169,276	214,746	230,406	248,648	277,617	301,485	328,732

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Madison, WI (MSA)						Manchester—Nashua, NH (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,400,433**	**4,745,647**	**5,084,642**	**5,443,918**	**5,900,620**	**6,318,900**	**4,121,147**	**4,648,366**	**5,183,541**	**5,744,307**	**6,359,549**	**6,975,029**
Nonfarm personal income	4,384,979	4,710,332	5,039,018	5,381,724	5,832,472	6,276,911	4,116,109	4,643,629	5,178,090	5,737,890	6,350,501	6,964,993
Farm income[1]	15,454	35,315	45,624	62,194	68,148	41,989	5,038	4,737	5,451	6,417	9,048	10,036
Population (thousands)[2]	334.8	338.2	341.4	343.7	346.9	352.8	288.8	295.8	306.5	316.1	324.5	332.2
Per capita personal income (dollars)	**13,145**	**14,034**	**14,892**	**15,840**	**17,011**	**17,909**	**14,268**	**15,716**	**16,914**	**18,170**	**19,597**	**20,998**
Derivation of total personal income:												
Total earnings by place of work	3,365,927	3,650,663	3,939,590	4,251,199	4,624,508	4,961,402	3,011,241	3,469,356	3,886,715	4,330,564	4,826,454	5,236,183
Less: Personal contributions for social insurance[3]	172,160	185,039	206,598	220,838	241,537	276,198	170,266	197,933	233,646	254,156	279,372	315,734
Plus: Adjustment for residence	−91,551	−94,656	−112,561	−125,066	−140,023	−148,347	262,860	263,742	319,335	342,842	380,366	457,146
Equals: Net earnings by place of residence	3,102,216	3,370,968	3,620,431	3,905,295	4,242,948	4,536,857	3,103,835	3,535,165	3,972,404	4,419,250	4,927,448	5,377,595
Plus: Dividends, interest, and rent[5]	762,316	830,360	872,409	906,005	983,863	1,076,987	584,956	669,121	741,210	815,999	901,621	1,011,684
Plus: Transfer payments	535,901	544,319	591,802	632,618	673,809	705,056	432,356	444,080	469,927	509,058	530,480	585,750
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,854,213	3,066,664	3,315,606	3,563,802	3,870,911	4,173,162	2,488,203	2,877,992	3,221,197	3,587,757	3,990,802	4,324,416
Other labor income	251,859	265,174	276,299	296,750	326,384	359,405	287,929	318,469	334,077	372,770	407,746	437,152
Proprietors' income[6]	259,855	318,825	347,685	390,647	427,213	428,835	235,109	272,895	331,441	370,037	427,906	474,615
Farm	303	20,473	30,802	47,564	52,777	26,609	2,369	2,372	3,156	4,428	6,994	7,985
Nonfarm	259,552	298,352	316,883	343,083	374,436	402,226	232,740	270,523	328,285	365,609	420,912	466,630
Earnings by industry:												
Farm	15,454	35,315	45,624	62,194	68,148	41,989	5,038	4,737	5,451	6,417	9,048	10,036
Nonfarm	3,350,473	3,615,348	3,893,966	4,189,005	4,556,360	4,919,413	3,006,203	3,464,619	3,881,264	4,324,147	4,817,406	5,226,147
Private	2,295,486	2,507,500	2,700,790	2,905,422	3,206,842	3,523,180	2,758,200	3,208,307	3,596,819	4,010,031	4,457,779	4,827,118
Agricultural services, forestry, fisheries, and other[7]	21,366	22,051	22,504	24,473	30,456	39,945	7,761	8,677	11,742	14,478	22,308	26,068
Agricultural services	21,092	21,858	22,339	24,391	30,361	39,848	6,990	8,067	11,111	14,189	22,028	25,832
Forestry, fisheries, and other[7]	274	193	165	82	95	97	771	610	631	289	280	236
Mining	10,476	12,954	15,403	8,893	8,440	8,607	8,288	9,616	13,213	5,977	5,366	5,159
Coal mining	133	337	451	434	213	214	0	0	0	0	0	0
Oil and gas extraction	6,437	6,899	9,418	2,921	2,840	2,741	4,765	5,341	8,038	2,200	2,059	2,037
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	3,907	5,722	5,536	5,538	5,374	5,642	3,523	4,275	5,175	3,777	3,307	3,122
Construction	171,018	194,419	203,242	228,482	249,682	278,769	174,590	222,666	290,711	369,620	404,697	439,191
Manufacturing	456,311	490,555	522,980	559,999	610,363	697,142	1,169,019	1,357,945	1,449,387	1,510,511	1,584,996	1,682,572
Nondurable goods	254,428	254,871	264,086	286,360	309,012	340,857	295,628	320,202	323,039	333,460	356,000	380,841
Food and kindred products	141,468	131,662	130,934	137,934	143,881	157,839	45,077	46,277	46,022	47,919	49,307	51,388
Textile mill products	(D)	(D)	(D)	6,522	6,745	(D)	20,275	22,653	22,678	24,190	27,147	28,743
Apparel and other textile products	880	1,364	(D)	2,494	(D)	(D)	19,016	18,628	16,233	(D)	(D)	(D)
Paper and allied products	7,412	6,043	7,510	8,635	9,278	10,132	43,138	50,151	51,488	54,079	62,465	63,454
Printing and publishing	54,468	57,978	64,129	69,330	77,872	85,705	55,159	63,681	72,140	76,748	89,025	100,843
Chemicals and allied products	20,217	23,124	24,478	27,709	30,483	34,109	16,307	19,930	22,979	23,752	28,028	31,009
Petroleum and coal products	0	(D)	123	149	(D)	(D)	83	(L)	(D)	0	0	0
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(D)	(L)	(D)	(D)
Rubber and misc. plastic products	24,353	28,388	28,836	33,587	38,107	42,914	73,747	77,853	76,914	79,245	75,563	81,962
Leather and leather products	(D)	(D)	0	0	0	0	22,813	20,964	14,511	(D)	(D)	(D)
Durable goods	201,883	235,684	258,894	273,639	301,351	356,285	873,391	1,037,743	1,126,348	1,177,051	1,228,996	1,301,731
Lumber and wood products	(D)	19,439	19,483	20,614	24,724	30,181	20,192	(D)	(D)	(D)	31,748	29,241
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12,644	14,089	14,253	15,343	15,168
Primary metal industries	13,565	(D)	5,885	6,757	7,691	30,261	36,150	43,860	41,943	40,206	39,020	42,114
Fabricated metal products	26,591	24,686	29,268	33,446	32,163	29,558	31,791	37,402	36,618	38,464	42,242	45,359
Machinery, except electrical	49,200	64,196	73,432	76,730	100,010	107,962	318,633	368,553	407,263	442,898	463,737	499,553
Electric and electronic equipment	22,636	26,648	39,830	47,573	40,607	51,302	363,214	448,418	488,137	488,417	493,327	521,724
Transportation equip. excl. motor vehicles	0	0	(D)	(D)	215	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	6,590	8,958	(D)	(D)	(D)	(D)	0	0	0	557	(D)	(D)
Stone, clay, and glass products	8,861	9,998	10,483	11,013	12,852	14,633	13,177	15,305	16,917	17,726	20,276	24,692
Instruments and related products	35,498	39,157	39,496	38,198	35,981	41,303	66,874	73,864	78,717	89,186	99,025	99,696
Miscellaneous manufacturing industries	1,781	2,413	2,500	3,307	3,529	4,239	11,757	14,120	15,919	16,420	21,527	22,208
Transportation and public utilities	176,177	186,457	190,758	203,692	220,115	228,871	219,633	228,762	225,976	226,873	242,029	250,441
Railroad transportation	2,511	2,652	2,618	2,256	1,809	1,503	3,550	4,459	4,248	2,794	1,711	1,630
Trucking and warehousing	35,513	40,074	41,629	49,279	54,439	57,400	49,399	56,673	56,813	62,724	68,549	73,416
Water transportation	−145	−157	−74	−114	−69	63	(D)	(D)	(D)	(L)	(L)	0
Other transportation[8]	15,878	17,673	18,887	20,439	20,321	19,986	(D)	(D)	19,177	21,881	28,385	(D)
Communication	69,292	66,865	67,714	70,869	78,703	82,567	(D)	(D)	(D)	(D)	(D)	96,546
Electric, gas, and sanitary services	53,128	59,350	59,984	60,963	64,912	67,352	46,544	(D)	(D)	(D)	(D)	(D)
Wholesale trade	182,415	204,627	224,058	247,041	270,927	285,710	175,309	218,794	253,925	276,239	325,758	358,676
Retail trade	332,229	344,687	355,886	373,183	414,272	453,421	298,842	340,574	383,641	455,283	529,944	563,888
Finance, insurance, and real estate	264,440	288,946	320,013	362,594	410,818	444,828	156,521	183,844	214,814	264,252	325,825	344,382
Banking and credit agencies	59,257	63,098	68,075	78,726	88,165	99,648	52,656	62,875	71,668	88,732	115,124	119,123
Other finance, insurance, and real estate[9]	205,183	225,848	251,938	283,868	322,653	345,180	103,865	120,969	143,146	175,520	210,701	225,259
Services	681,054	762,804	845,946	897,065	991,769	1,085,887	548,237	637,429	753,410	886,798	1,016,856	1,156,741
Hotels and other lodging places	18,569	18,573	20,268	19,936	22,912	25,113	16,662	21,551	24,535	26,620	29,518	34,902
Personal services	33,992	37,231	43,550	46,625	50,466	54,798	29,492	33,590	42,123	48,656	51,985	57,670
Private households	10,749	11,931	11,974	11,912	11,992	12,189	5,548	6,271	6,408	6,538	6,736	6,967
Business services	149,020	176,951	201,385	217,025	238,339	252,787	121,190	150,558	197,230	241,299	270,781	308,640
Auto repair, services, and garages	21,240	24,980	26,586	26,863	28,747	33,760	30,556	33,517	43,365	48,458	51,266	60,082
Miscellaneous repair services	9,938	11,689	12,397	12,205	13,368	14,623	8,624	10,391	11,027	14,095	15,255	17,843
Amusement and recreation services	10,951	12,117	14,492	15,003	16,297	16,410	9,440	10,611	11,574	14,145	16,566	16,377
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	232,794	245,456	269,315	276,038	308,367	337,439	178,836	195,901	214,935	245,977	299,603	344,978
Legal services	45,158	53,096	56,999	64,084	71,265	78,144	40,173	47,930	54,412	65,368	75,659	85,140
Educational services	7,061	8,695	9,330	10,640	11,905	12,813	29,805	33,728	37,692	41,490	43,301	45,521
Social services	29,670	32,317	35,651	38,813	45,149	48,909	16,674	21,017	22,509	26,442	31,072	36,321
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	45,672	52,564	57,677	61,197	66,058	72,896	17,700	20,040	21,714	22,814	24,928	28,185
Miscellaneous services	63,985	75,090	84,415	94,158	104,273	121,932	42,187	50,686	63,854	82,716	97,768	111,531
Government and government enterprises	1,054,987	1,107,848	1,193,176	1,283,583	1,349,518	1,396,233	248,003	256,312	284,445	314,116	359,627	399,029
Federal, civilian	97,495	102,696	109,574	112,763	119,706	129,224	80,574	86,351	93,910	97,009	113,362	125,333
Military	9,922	12,122	14,261	15,262	16,128	16,553	7,789	8,188	9,244	10,335	10,254	10,445
State and local	947,570	993,030	1,069,341	1,155,558	1,213,684	1,250,456	159,640	161,773	181,291	206,772	236,011	263,251

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Mansfield, OH (MSA)						McAllen—Edinburg—Mission, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,428,346**	**1,534,138**	**1,624,207**	**1,697,964**	**1,772,014**	**1,885,271**	**2,052,157**	**2,210,249**	**2,402,017**	**2,474,965**	**2,634,102**	**2,832,833**
Nonfarm personal income	1,427,253	1,525,091	1,614,883	1,689,828	1,761,788	1,876,041	1,991,889	2,143,777	2,349,550	2,437,776	2,579,321	2,780,573
Farm income[1]	1,093	9,047	9,324	8,136	10,226	9,230	60,268	66,472	52,467	37,189	54,781	52,260
Population (thousands)[2]	128.6	129.4	129.4	128.5	128.6	129.0	335.2	345.5	355.7	368.3	379.9	387.9
Per capita personal income (dollars)	**11,103**	**11,852**	**12,549**	**13,219**	**13,783**	**14,609**	**6,122**	**6,397**	**6,753**	**6,720**	**6,933**	**7,302**
Derivation of total personal income:												
Total earnings by place of work	1,118,064	1,214,873	1,302,773	1,363,828	1,420,385	1,512,648	1,364,230	1,469,151	1,587,940	1,613,658	1,732,803	1,866,231
Less: Personal contributions for social insurance[3]	72,726	79,099	89,409	95,590	98,741	109,774	70,582	75,893	87,418	91,327	97,773	110,541
Plus: Adjustment for residence	−73,051	−77,706	−85,306	−94,091	−94,129	−100,437	−10,570	−9,675	−16,443	−18,969	−22,471	−24,579
Equals: Net earnings by place of residence	972,287	1,058,068	1,128,058	1,174,147	1,227,515	1,302,437	1,283,078	1,383,583	1,484,079	1,503,362	1,612,559	1,731,111
Plus: Dividends, interest, and rent[5]	217,968	234,837	240,115	248,831	256,315	279,479	331,656	357,379	393,683	404,456	419,995	454,801
Plus: Transfer payments	238,091	241,233	256,034	274,986	288,184	303,355	437,423	469,287	524,255	567,147	601,548	646,921
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	929,680	1,003,909	1,082,586	1,129,516	1,173,335	1,252,097	1,047,042	1,122,769	1,234,880	1,265,920	1,343,235	1,457,824
Other labor income	110,945	115,437	119,418	125,172	127,490	135,323	95,135	98,196	102,371	109,600	117,767	128,800
Proprietors' income[6]	77,439	95,527	100,769	109,140	119,560	125,228	222,053	248,186	250,689	238,138	271,801	279,607
Farm	−557	7,419	7,740	6,570	8,576	7,588	28,134	34,995	20,946	5,801	21,330	18,546
Nonfarm	77,996	88,108	93,029	102,570	110,984	117,640	193,919	213,191	229,743	232,337	250,471	261,061
Earnings by industry:												
Farm	1,093	9,047	9,324	8,136	10,226	9,230	60,268	66,472	52,467	37,189	54,781	52,260
Nonfarm	1,116,971	1,205,826	1,293,449	1,355,692	1,410,159	1,503,418	1,303,962	1,402,679	1,535,473	1,576,469	1,678,022	1,813,971
Private	1,002,856	1,084,159	1,161,866	1,214,767	1,263,401	1,346,711	1,002,005	1,071,978	1,151,639	1,162,765	1,232,026	1,326,009
Agricultural services, forestry, fisheries, and other[7]	2,183	2,156	2,525	2,644	2,889	3,257	32,843	29,805	29,580	30,415	41,176	44,178
Agricultural services	1,939	1,957	2,457	2,640	2,869	3,241	32,714	29,727	29,412	30,184	41,021	44,011
Forestry, fisheries, and other[7]	244	199	68	(L)	(L)	(L)	129	78	168	231	155	167
Mining	2,390	2,533	3,261	1,595	1,414	1,298	40,478	45,005	47,349	32,134	26,058	26,412
Coal mining	87	107	108	99	(D)	(D)	(L)	57	61	62	(L)	(L)
Oil and gas extraction	1,851	1,994	2,549	909	794	742	39,116	(D)	45,934	30,732	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(D)	0	(D)	(D)	0	0
Nonmetallic minerals, except fuels	453	435	606	587	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	45,042	50,522	55,851	63,231	69,648	75,564	103,330	106,618	106,658	99,104	96,186	101,464
Manufacturing	524,854	571,205	616,957	617,628	617,128	651,514	139,857	149,192	166,974	171,846	183,424	188,981
Nondurable goods	38,734	38,826	39,581	40,781	43,491	46,699	109,601	114,777	118,684	121,781	131,716	136,549
Food and kindred products	6,180	6,043	5,956	6,055	6,093	6,420	48,618	47,988	48,645	51,842	57,237	55,707
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	2,337	2,249	1,855	2,271	2,212	2,440	40,751	44,866	45,143	45,938	49,673	54,806
Paper and allied products	6,820	6,076	6,031	6,432	7,982	9,678	(D)	9,073	9,228	8,180	7,949	9,233
Printing and publishing	17,188	17,130	18,465	18,892	20,041	19,569	5,417	5,934	6,578	6,591	7,150	7,441
Chemicals and allied products	1,539	(D)	(D)	(D)	(D)	(D)	2,972	2,978	5,538	5,591	5,938	5,386
Petroleum and coal products	(D)	(D)	0	(D)	265	1,238	2,198	2,290	2,337	2,376	2,569	2,410
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,602	6,586	6,475	6,314	5,951	6,392	674	629	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	1,019	(D)	(D)	(D)	1,001
Durable goods	486,120	532,379	577,376	576,847	573,637	604,815	30,256	34,415	48,290	50,065	51,708	52,432
Lumber and wood products	1,505	1,753	1,665	1,736	1,576	1,927	1,092	1,294	1,778	2,068	1,315	1,349
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	70,046	71,180	79,745	84,038	93,955	97,778	0	0	(D)	(D)	(D)	(D)
Fabricated metal products	175,534	196,618	239,760	243,977	234,124	257,858	5,812	8,512	10,170	8,303	7,380	4,663
Machinery, except electrical	40,339	44,075	42,879	43,626	47,124	49,119	13,355	10,722	11,025	12,566	11,133	12,959
Electric and electronic equipment	102,577	109,850	104,077	101,710	90,406	84,657	(D)	(D)	12,405	13,362	17,499	17,869
Transportation equip. excl. motor vehicles	(D)	6,568	5,885	5,315	6,627	6,009	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	31,107	35,978	40,946	41,299	44,413	47,951	3,631	3,845	4,906	4,917	4,546	3,979
Instruments and related products	37,386	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	2,893	3,201	2,526	1,803	2,073	2,434
Transportation and public utilities	84,010	88,143	88,972	105,126	107,677	114,543	65,700	71,477	75,543	78,714	85,040	87,164
Railroad transportation	3,881	3,652	3,050	13,847	13,444	16,014	435	233	1,113	(D)	(D)	1,482
Trucking and warehousing	20,917	22,637	20,671	23,262	24,266	25,050	22,302	26,674	26,036	29,828	32,163	36,141
Water transportation	(D)	(D)	(D)	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	(D)
Other transportation[8]	5,894	6,331	6,188	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	22,543	21,379	21,086	20,444	23,668	20,533
Electric, gas, and sanitary services	10,295	11,197	11,757	12,275	12,363	12,820	12,298	13,324	16,015	18,277	17,414	18,903
Wholesale trade	38,222	42,885	46,502	51,925	53,921	56,270	108,240	117,452	117,988	114,920	118,300	128,611
Retail trade	104,776	109,425	114,075	120,499	129,440	137,170	203,369	211,752	229,472	228,466	241,582	271,962
Finance, insurance, and real estate	42,687	43,928	46,636	47,191	52,472	58,973	57,206	64,241	73,493	80,984	83,030	82,826
Banking and credit agencies	12,303	13,650	14,811	15,907	17,015	16,281	30,550	35,173	39,890	44,157	42,549	40,780
Other finance, insurance, and real estate[9]	30,384	30,278	31,825	31,284	35,457	42,692	26,656	29,068	33,603	36,827	40,481	42,046
Services	158,692	173,362	187,087	204,928	228,812	248,122	250,982	276,436	304,582	326,182	357,230	394,411
Hotels and other lodging places	2,523	2,928	3,519	3,407	3,541	4,328	9,598	8,513	9,342	8,957	10,007	10,432
Personal services	9,321	10,216	13,967	15,040	15,955	16,819	14,146	14,905	19,696	20,404	21,224	22,978
Private households	1,941	2,146	2,146	2,134	2,145	2,167	7,311	8,206	8,360	8,470	8,539	8,626
Business services	21,195	24,124	25,809	32,582	38,339	42,753	40,598	45,901	53,358	54,277	57,307	60,350
Auto repair, services, and garages	6,314	7,613	7,994	8,815	9,342	10,478	14,213	15,361	16,680	16,059	16,938	19,047
Miscellaneous repair services	2,880	3,637	3,793	4,044	4,481	4,915	6,308	6,649	5,436	5,899	5,897	6,645
Amusement and recreation services	3,100	3,295	3,524	3,749	4,204	4,128	2,511	3,318	3,639	4,298	5,377	6,102
Motion pictures	(D)	(D)	(D)	(D)	371	484	(D)	(D)	(D)	873	477	607
Health services	73,076	76,046	80,601	83,446	95,489	102,052	90,272	102,243	111,885	121,069	138,503	152,273
Legal services	6,766	7,706	7,990	9,180	9,878	11,072	19,352	23,064	25,442	29,055	31,740	40,205
Educational services	2,452	2,965	3,489	2,581	(D)	(D)	2,917	3,335	3,486	4,967	5,560	6,707
Social services	3,821	4,020	4,292	4,867	4,948	6,047	6,350	7,223	7,817	8,204	8,797	10,464
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	274	319	336
Membership organizations	9,261	9,379	9,520	9,769	10,362	10,640	15,299	16,580	18,181	20,018	22,078	23,937
Miscellaneous services	15,454	18,636	19,758	24,579	26,156	28,513	21,038	19,930	20,048	23,358	24,467	25,702
Government and government enterprises	114,115	121,667	131,583	140,925	146,758	156,707	301,957	330,701	383,834	413,704	445,996	487,962
Federal, civilian	18,126	19,193	20,302	20,377	20,992	22,227	39,160	42,952	49,666	50,703	54,790	64,382
Military	1,811	1,842	2,027	2,082	2,186	2,216	5,725	6,040	6,785	7,340	8,092	8,417
State and local	94,178	100,632	109,254	118,466	123,580	132,264	257,072	281,709	327,383	355,661	383,114	415,163

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Medford, OR (MSA)						Melbourne—Titusville—Palm Bay, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,358,199**	**1,484,835**	**1,568,869**	**1,643,739**	**1,793,698**	**1,932,457**	**3,771,255**	**4,227,632**	**4,716,137**	**5,037,213**	**5,492,727**	**5,992,491**
Nonfarm personal income	1,344,140	1,464,222	1,548,834	1,622,633	1,771,877	1,912,992	3,755,407	4,212,917	4,700,868	5,021,412	5,474,939	5,971,452
Farm income[1]	14,059	20,613	20,035	21,106	21,821	19,465	15,848	14,715	15,269	15,801	17,788	21,039
Population (thousands)[2]	134.7	136.2	138.4	140.3	143.1	145.9	315.5	330.4	347.6	361.2	373.9	388.3
Per capita personal income (dollars)	**10,081**	**10,899**	**11,333**	**11,712**	**12,534**	**13,249**	**11,953**	**12,797**	**13,570**	**13,944**	**14,689**	**15,432**
Derivation of total personal income:												
Total earnings by place of work	842,007	943,884	991,647	1,051,372	1,171,499	1,255,851	2,529,379	2,881,143	3,198,803	3,385,626	3,694,971	4,058,561
Less: Personal contributions for social insurance[3]	53,810	60,700	66,968	73,363	81,583	91,952	137,358	159,036	186,192	198,191	214,397	246,864
Plus: Adjustment for residence	12,683	12,105	13,040	13,483	13,802	15,996	4,424	6,069	10,381	13,374	20,365	26,471
Equals: Net earnings by place of residence	800,880	895,289	937,719	991,492	1,103,718	1,179,895	2,396,445	2,728,176	3,022,992	3,200,809	3,500,939	3,838,168
Plus: Dividends, interest, and rent[5]	280,876	307,744	322,865	342,931	362,853	398,897	671,407	763,478	866,057	940,915	1,027,409	1,144,010
Plus: Transfer payments	276,443	281,802	308,285	309,316	327,127	353,665	703,403	735,978	827,088	895,489	964,379	1,010,313
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	650,028	725,697	754,149	801,120	882,218	950,562	2,165,306	2,476,909	2,750,713	2,885,471	3,143,146	3,455,521
Other labor income	62,241	67,782	69,846	76,774	85,570	93,022	213,506	229,278	243,979	264,351	289,627	316,357
Proprietors' income[6]	129,738	150,405	167,652	173,478	203,711	212,267	150,567	174,956	204,111	235,804	262,198	286,683
Farm	6,489	13,192	12,578	13,638	13,876	11,438	12,211	11,128	11,783	12,432	14,365	17,700
Nonfarm	123,249	137,213	155,074	159,840	189,835	200,829	138,356	163,828	192,328	223,372	247,833	268,983
Earnings by industry:												
Farm	14,059	20,613	20,035	21,106	21,821	19,465	15,848	14,715	15,269	15,801	17,788	21,039
Nonfarm	827,948	923,271	971,612	1,030,266	1,149,678	1,236,386	2,513,531	2,866,428	3,183,534	3,369,825	3,677,183	4,037,522
Private	681,523	767,985	810,092	859,358	964,138	1,035,964	2,067,772	2,389,982	2,688,174	2,842,277	3,096,626	3,410,345
Agricultural services, forestry, fisheries, and other[7]	9,258	10,787	8,675	6,566	10,022	9,892	13,944	14,731	17,185	19,151	20,793	23,190
Agricultural services	4,457	4,881	4,081	4,042	6,326	6,901	9,935	(D)	13,466	14,259	15,369	16,944
Forestry, fisheries, and other[7]	4,801	5,906	4,594	2,524	3,696	2,991	4,009	(D)	3,719	4,892	5,424	6,246
Mining	3,444	3,885	4,272	2,234	2,339	3,265	6,359	7,106	11,398	4,611	4,480	4,394
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,884	2,095	3,036	889	784	729	5,816	6,327	10,344	3,199	3,149	3,129
Metal mining	(L)	(L)	(L)	(L)	(L)	130	(D)	(D)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	1,563	1,805	1,242	1,345	1,508	2,405	537	772	1,054	1,409	1,308	1,246
Construction	42,996	49,405	55,719	67,447	71,620	72,408	150,376	183,996	219,357	232,084	240,398	270,172
Manufacturing	179,586	213,092	215,775	223,488	246,546	263,136	671,981	712,156	765,078	843,282	914,246	984,365
Nondurable goods	28,912	31,357	31,513	32,207	36,100	37,776	26,992	30,979	32,673	36,695	43,312	47,480
Food and kindred products	7,401	7,211	6,891	6,080	6,878	7,061	6,788	9,026	6,202	5,476	7,237	8,006
Textile mill products	0	0	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	203	222	262	409	767	1,512	2,100	2,567	1,740	1,851	2,160
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	8,026	8,749	9,543	10,593	12,225	14,257	11,829	12,579	15,869	19,322	22,423	25,570
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	4,561	4,953	5,146	5,510	5,860	6,297
Petroleum and coal products	0	0	(D)	210	410	678	218	394	688	1,477	1,252	397
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	324	445	590	566	545	503	1,485	1,725	1,936	2,849	4,357	4,855
Leather and leather products	(D)	(D)	0	0	0	0	0	0	0	0	0	0
Durable goods	150,674	181,735	184,262	191,281	210,446	225,360	644,989	681,177	732,405	806,587	870,934	936,885
Lumber and wood products	123,566	145,269	150,848	157,089	174,053	185,115	2,334	2,864	3,535	4,932	5,890	7,111
Furniture and fixtures	(D)	(D)	(D)	432	460	755	1,725	2,420	2,895	2,376	2,793	2,879
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	4,870
Fabricated metal products	4,750	7,483	6,508	5,453	5,963	6,647	7,161	8,501	9,894	10,698	11,833	13,975
Machinery, except electrical	(D)	11,469	7,086	6,607	5,224	4,919	46,346	50,989	45,447	57,247	51,762	39,538
Electric and electronic equipment	6,042	8,752	8,890	9,567	10,537	11,708	(D)	(D)	(D)	(D)	486,063	(D)
Transportation equip. excl. motor vehicles	2,556	2,972	3,577	3,988	5,170	5,595	236,724	175,890	193,124	252,360	274,513	(D)
Motor vehicles and equipment	177	(D)	(D)	189	274	348	(D)	(D)	(D)	(D)	(D)	7,422
Stone, clay, and glass products	2,787	2,414	3,598	4,637	5,081	6,174	5,896	7,489	8,842	8,806	8,688	9,002
Instruments and related products	1,050	575	840	995	1,055	1,158	6,731	8,007	9,696	10,403	12,792	15,356
Miscellaneous manufacturing industries	1,719	2,208	2,211	2,324	2,629	2,941	1,248	1,625	1,927	2,916	4,545	6,858
Transportation and public utilities	64,401	73,473	88,950	85,384	103,120	109,636	141,356	155,477	163,085	173,852	184,876	178,463
Railroad transportation	2,424	2,831	2,752	3,004	3,336	2,909	974	1,139	1,347	1,197	936	1,090
Trucking and warehousing	30,887	39,631	43,430	48,651	48,095	51,850	17,624	(D)	(D)	(D)	(D)	(D)
Water transportation	(D)	(D)	(D)	(D)	(D)	0	5,124	5,939	7,229	7,882	9,936	11,889
Other transportation[8]	4,254	4,729	5,150	5,923	7,005	8,077	7,779	9,447	9,888	11,048	10,023	11,146
Communication	17,642	17,554	25,059	16,561	32,120	33,005	87,675	91,893	96,755	103,094	108,723	94,085
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	13,795	22,180	(D)	(D)	(D)	(D)	(D)
Wholesale trade	42,436	45,161	44,755	46,008	50,196	53,250	57,324	67,966	75,486	79,556	95,412	96,579
Retail trade	128,489	139,707	144,538	154,903	167,752	178,783	258,988	287,616	326,083	349,397	380,414	420,024
Finance, insurance, and real estate	30,447	32,291	32,743	35,610	42,728	48,326	68,872	77,903	86,730	95,588	111,840	119,078
Banking and credit agencies	15,485	16,371	14,869	16,013	17,298	18,492	28,063	31,927	35,057	39,966	43,041	44,288
Other finance, insurance, and real estate[9]	14,962	15,920	17,874	19,597	25,430	29,834	40,809	45,976	51,673	55,622	68,799	74,790
Services	180,466	200,184	214,665	237,718	269,815	297,268	698,572	883,031	1,023,772	1,044,756	1,144,167	1,314,080
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	18,378	22,510	23,689	25,137	29,756	30,438
Personal services	9,323	10,205	11,288	11,487	12,075	13,271	19,323	20,670	26,085	30,276	32,500	35,656
Private households	3,382	3,772	3,784	3,776	3,808	3,892	7,094	8,053	8,282	8,458	8,723	9,014
Business services	16,258	19,805	22,510	26,511	30,986	36,718	175,259	314,658	372,411	381,156	411,021	567,820
Auto repair, services, and garages	9,892	12,074	14,867	18,105	19,763	21,809	17,068	21,426	24,057	27,042	27,920	28,518
Miscellaneous repair services	5,071	6,323	5,441	6,452	6,904	7,782	28,299	37,524	38,403	39,426	39,164	46,576
Amusement and recreation services	5,540	6,219	7,457	8,112	8,991	10,476	6,779	6,094	7,329	9,247	11,160	13,526
Motion pictures	1,780	2,324	1,555	1,791	1,896	1,374	(D)	(D)	(D)	(D)	(D)	(D)
Health services	88,151	94,692	99,217	109,325	126,798	135,626	135,154	159,718	198,226	212,388	260,843	305,921
Legal services	7,983	9,392	10,541	11,527	12,785	13,336	19,666	24,400	27,705	31,458	35,136	42,352
Educational services	1,515	2,099	1,876	2,157	2,465	2,936	14,845	17,795	18,984	20,562	21,994	24,936
Social services	5,841	6,598	7,523	8,853	10,094	12,260	6,383	8,337	9,162	10,814	11,903	13,631
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,085	9,772	10,458	10,426	11,335	12,055	17,116	19,615	20,921	22,861	25,618	28,398
Miscellaneous services	10,774	10,930	11,235	12,866	13,822	16,495	232,248	221,163	247,349	224,390	226,876	165,695
Government and government enterprises	146,425	155,286	161,520	170,908	185,540	200,422	445,759	476,446	495,360	527,548	580,557	627,177
Federal, civilian	38,498	41,312	41,933	41,431	45,946	50,734	159,975	169,880	171,938	166,927	178,571	195,026
Military	2,419	2,491	2,819	3,208	3,275	3,403	82,577	87,747	94,646	97,592	102,882	102,645
State and local	105,508	111,483	116,768	126,269	136,319	146,285	203,207	218,819	228,776	263,029	299,104	329,506

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Memphis, TN—AR—MS (MSA)						Merced, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**10,224,793**	**11,193,265**	**11,909,606**	**12,820,156**	**13,999,076**	**15,136,199**	**1,419,218**	**1,651,058**	**1,788,186**	**1,886,189**	**2,037,786**	**2,173,132**
Nonfarm personal income	10,212,081	11,152,349	11,880,837	12,793,774	13,955,673	15,058,438	1,325,990	1,451,503	1,570,663	1,656,932	1,778,295	1,921,739
Farm income[4]	12,712	40,916	28,769	26,382	43,403	77,761	93,228	199,555	217,523	229,257	259,491	251,393
Population (thousands)[2]	932.4	937.8	950.2	953.8	967.6	979.3	148.4	152.9	158.1	160.5	164.8	170.0
Per capita personal income (dollars)	**10,966**	**11,935**	**12,534**	**13,441**	**14,468**	**15,456**	**9,564**	**10,801**	**11,308**	**11,753**	**12,368**	**12,782**
Derivation of total personal income:												
Total earnings by place of work	8,068,650	8,906,124	9,534,950	10,250,232	11,266,990	12,110,577	912,733	1,114,360	1,201,044	1,265,898	1,380,364	1,460,888
Less: Personal contributions for social insurance[3]	473,459	518,632	583,569	627,878	681,847	762,146	48,695	54,736	61,468	66,158	72,430	82,654
Plus: Adjustment for residence	−239,296	−268,361	−308,810	−350,614	−412,459	−396,736	25,805	25,067	25,344	25,627	32,096	31,742
Equals: Net earnings by place of residence	7,355,895	8,119,131	8,642,571	9,271,740	10,172,684	10,951,695	889,843	1,084,691	1,164,920	1,225,367	1,340,030	1,409,976
Plus: Dividends, interest, and rent[5]	1,269,998	1,418,480	1,515,925	1,581,579	1,712,231	1,874,857	213,282	230,112	240,909	250,759	265,940	292,216
Plus: Transfer payments	1,598,900	1,655,654	1,751,110	1,966,837	2,114,161	2,309,647	316,093	336,255	382,357	410,063	431,816	470,940
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,744,436	7,423,855	7,960,392	8,518,182	9,346,519	10,011,539	713,472	788,565	848,915	894,269	961,351	1,035,796
Other labor income	646,201	688,390	710,731	778,423	862,426	931,094	67,425	74,240	77,486	82,052	87,673	95,686
Proprietors' income[6]	678,013	793,879	863,827	953,627	1,058,045	1,167,944	131,836	251,555	274,643	289,577	331,340	329,406
Farm	−1,674	26,786	14,797	12,485	28,701	62,942	36,185	144,165	163,874	176,882	202,133	190,923
Nonfarm	679,687	767,093	849,030	941,142	1,029,344	1,105,002	95,651	107,390	110,769	112,695	129,207	138,483
Earnings by industry:												
Farm	12,712	40,916	28,769	26,382	43,403	77,761	93,228	199,555	217,523	229,257	259,491	251,393
Nonfarm	8,055,938	8,865,208	9,506,181	10,223,850	11,223,587	12,032,816	819,505	914,805	983,521	1,036,641	1,120,873	1,209,495
Private	6,622,947	7,326,210	7,876,878	8,496,604	9,359,597	10,044,570	554,521	635,232	684,450	716,938	767,330	845,745
Agricultural services, forestry, fisheries, and other[7]	23,475	23,940	26,736	28,058*	40,695	45,474	32,760	(D)	(D)	(D)	(D)	(D)
Agricultural services	21,589*	22,205*	24,958*	27,367*	40,108	44,760	(D)	(D)	(D)	35,683	(D)	(D)
Forestry, fisheries, and other[7]	807*	(D)	(D)	735	587	714	(D)	(D)	(D)	(D)	1,106	1,175
Mining	15,818*	16,655*	19,968*	(D)	(D)	(D)	1,377	1,426	1,666	778	530	632
Coal mining	2,115	2,234	1,574	2,368	1,183	1,197	0	0	0	0	0	0
Oil and gas extraction	11,088*	11,556*	15,620*	6,122*	5,478*	5,100*	(D)	(D)	(D)	(D)	513	614
Metal mining	(L)	(L)	(L)	(L)	154	120	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)
Construction	435,975	508,861	564,155	618,862	675,838	694,586	37,768	(D)	(D)	(D)	(D)	(D)
Manufacturing	1,303,159	1,403,023	1,443,955	1,495,021	1,586,606	1,745,505	157,336	196,701	213,205	210,179	207,175	223,889
Nondurable goods	768,032	788,663	827,324	867,322	924,186	1,006,550	131,943	161,771	174,492	169,646	161,409	159,152
Food and kindred products	205,689*	212,341*	222,863*	221,741*	234,745*	245,754*	109,391	129,748	145,574	137,691	127,915	124,324
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	4,544	(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	152,657*	163,385*	174,077*	185,066*	190,097*	236,292*	(D)	3,360	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	13,722	21,098	22,096	25,686	27,951	29,572
Chemicals and allied products	178,981	199,185	209,936*	220,062*	236,635*	242,633*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	21,656	18,241*	15,150	19,067	19,856	21,154*	104	113	(D)	(D)	(D)	0
Tobacco manufactures	15,285	16,152	18,488	13,103	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	42,121*	(D)	(D)	31,945*	32,050*	31,610*	(D)	(D)	3,569	3,729	3,293	2,633
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	535,127	614,360	616,631	627,699	662,420	738,955	25,393	34,930	38,713	40,533	45,766	64,737
Lumber and wood products	45,033*	47,559*	51,240*	55,460*	61,306	61,232*	2,504	2,630	2,468	(D)	2,845	3,115
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,196	(D)
Primary metal industries	(D)	(D)	19,811*	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	103,982*	104,301*	111,821*	114,690*	123,458*	137,161*	8,941	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	144,452*	136,682*	141,558*	186,567*	4,323	6,471	7,649	7,382	6,440	7,376
Electric and electronic equipment	(D)	(D)	(D)	75,464*	85,991*	99,823*	(D)	(D)	(D)	1,521	1,431	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	6,401	(D)	(D)	4,094	1,949	2,782	5,255	7,209	11,094	13,218
Motor vehicles and equipment	42,283*	(D)	57,721*	57,777*	56,075*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	23,737*	27,268*	(D)	(D)	(D)	40,214*	2,122	2,368	1,643	1,043	(D)	(D)
Instruments and related products	26,378*	29,144*	34,347	42,442	47,884	58,113*	0	0	0	0	(D)	(D)
Miscellaneous manufacturing industries	23,057*	27,943*	19,151*	20,186*	22,972*	23,289*	(D)	105	100	94	74	(D)
Transportation and public utilities	811,068	918,266	1,026,372	1,128,346	1,276,877	1,418,287	53,797	55,950	56,981	56,931	60,537	61,557
Railroad transportation	72,374	(D)	(D)	(D)	66,069	63,250	1,697	1,666	1,006	716	375	372
Trucking and warehousing	267,396	299,579	311,170	304,593	334,562	371,414	26,598	31,310	31,639	31,925	33,764	34,740
Water transportation	9,872*	10,399*	9,577*	8,727*	10,966*	15,595*	(D)	(D)	(L)	(L)	(D)	(L)
Other transportation[8]	325,944*	(D)	(D)	(D)	700,575*	800,107*	2,391	(D)	(D)	(D)	(D)	(D)
Communication	114,709*	106,988*	118,518*	121,899	139,913	141,004	11,095	6,928	6,402	6,467	6,424	5,924
Electric, gas, and sanitary services	12,661*	14,238*	16,645*	19,082	22,114	24,087	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	832,685	928,784	1,001,781	1,059,921	1,198,684	1,241,354	23,410	30,215	32,860	34,485	37,624	48,027
Retail trade	915,300	978,535	1,043,854	1,114,009	1,215,945	1,261,855	99,810	105,846	113,358	126,075	137,764	151,043
Finance, insurance, and real estate	508,540*	575,196*	619,295*	728,171*	783,984*	804,745*	35,003	38,405	41,340	47,568	51,422	57,256
Banking and credit agencies	186,530*	226,298*	234,269*	282,522*	293,556*	295,786*	11,974	13,095	12,917	12,663	11,526	12,573
Other finance, insurance, and real estate[9]	319,569*	343,797*	371,630*	434,610*	483,894*	491,398*	23,029	25,310	28,423	34,905	39,896	44,683
Services	1,769,258	1,964,829	2,121,680	2,302,319	2,560,126	2,809,372	113,260	126,131	138,392	151,669	167,534	185,891
Hotels and other lodging places	130,991*	146,000*	149,746*	154,598*	178,640*	186,056*	1,689	1,493	1,244	1,280	1,530	2,157
Personal services	82,150	89,957	104,543	118,181	129,722	141,087	7,506	8,159	9,766	10,982	12,072	12,871
Private households	58,441	65,216	64,511*	64,565*	66,590	67,510	4,976	5,614	5,743	5,842	5,990	6,170
Business services	293,468	338,290	370,668	404,272	458,545	520,646	10,403	12,685	15,357	18,799	21,087	25,988
Auto repair, services, and garages	70,807	83,082	92,440	99,386	105,917	113,919	10,400	11,200	11,723	12,449	13,360	14,886
Miscellaneous repair services	30,947*	39,935	37,058	42,939	45,960	52,732	3,835	4,917	4,658	4,922	4,457	5,523
Amusement and recreation services	27,566*	34,532	38,007	(D)	(D)	(D)	1,661	1,782	2,049	2,480	2,506	2,407
Motion pictures	(D)	(D)	(D)	(D)	(D)	9,442*	537	727	673	607	428	538
Health services	716,002	769,097	827,804	887,413	1,007,550	1,096,885	44,308	48,079	53,598	57,625	66,728	72,909
Legal services	91,552	109,429	117,459	132,975	143,299	158,488	6,615	7,181	7,953	8,896	8,891	9,570
Educational services	45,393*	51,329*	58,937*	62,913*	67,575*	77,576*	1,057	1,159	1,297	1,299	1,427	1,563
Social services	25,645*	30,561*	37,070*	38,774*	36,911*	40,206*	3,504	4,377	4,593	5,151	5,964	6,487
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	1,287	0	0	0	0	0	0
Membership organizations	60,688	62,449	66,199	68,701	72,781	77,916	8,347	8,820	9,880	10,313	11,060	12,030
Miscellaneous services	117,183	129,836	143,457	175,302	192,551	218,662	8,422	9,938	9,858	11,024	12,034	12,792
Government and government enterprises	1,432,991	1,538,998	1,629,303	1,727,246	1,863,990	1,988,246	264,984	279,573	299,071	319,703	353,543	363,750
Federal, civilian	422,313	427,608	468,454	479,318	511,914	565,285	23,208	24,308	25,295	25,159	25,911	28,618
Military	200,790	209,238	209,368	214,199	225,857	228,695	101,585	105,326	110,778	114,493	120,526	118,770
State and local	809,888	902,152	951,481	1,033,729	1,126,219	1,194,266	140,191	149,939	162,998	180,051	207,106	216,362

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Miami—Hialeah, FL (PMSA)						Middlesex—Somerset—Hunterdon, NJ (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**21,016,112**	**22,686,614**	**24,257,207**	**25,717,021**	**28,084,161**	**30,602,063**	**15,236,397**	**16,954,528**	**18,593,362**	**20,255,873**	**22,204,782**	**24,593,775**
Nonfarm personal income	20,859,634	22,549,667	24,119,858	25,566,361	27,930,139	30,437,440	15,175,664	16,889,696	18,523,789	20,185,199	22,117,865	24,502,868
Farm income[1]	156,478	136,947	137,349	150,660	154,022	164,623	60,733	64,832	69,573	70,674	86,917	90,907
Population (thousands)[2]	1,722.5	1,729.9	1,744.5	1,764.3	1,786.9	1,813.5	908.6	917.7	931.1	948.4	966.0	978.3
Per capita personal income (dollars)	**12,201**	**13,115**	**13,905**	**14,577**	**15,717**	**16,874**	**16,769**	**18,475**	**19,968**	**21,357**	**22,987**	**25,140**
Derivation of total personal income:												
Total earnings by place of work	16,188,166	17,342,216	18,620,971	20,027,406	21,992,191	23,741,393	10,202,357	11,368,185	12,624,829	13,915,996	15,695,793	17,388,488
Less: Personal contributions for social insurance[3]	855,392	926,081	1,045,335	1,133,642	1,232,642	1,394,876	606,530	683,511	797,720	941,229	1,054,132	1,215,636
Plus: Adjustment for residence	−1,836,658	−1,799,866	−1,910,599	−2,011,708	−2,118,015	−2,253,672	1,950,671	2,141,518	2,383,254	2,607,621	2,477,790	2,870,230
Equals: Net earnings by place of residence	13,496,116	14,616,269	15,665,037	16,882,056	18,641,534	20,092,845	11,546,498	12,826,192	14,210,363	15,582,388	17,119,451	19,043,082
Plus: Dividends, interest, and rent[5]	4,425,425	4,828,945	5,181,199	5,312,848	5,713,973	6,351,666	2,277,169	2,680,898	2,845,596	3,038,227	3,351,475	3,696,043
Plus: Transfer payments	3,094,571	3,241,400	3,410,971	3,522,117	3,728,654	4,157,552	1,412,730	1,447,438	1,537,403	1,635,258	1,733,856	1,854,650
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,650,420	14,602,085	15,678,262	16,706,356	18,336,321	19,778,298	8,448,196	9,470,464	10,503,797	11,603,505	13,094,083	14,562,029
Other labor income	1,332,101	1,362,315	1,400,927	1,516,971	1,650,637	1,770,831	1,043,013	1,078,299	1,116,884	1,222,009	1,345,397	1,465,430
Proprietors' income[6]	1,205,645	1,377,816	1,541,782	1,804,079	2,005,233	2,192,264	711,148	819,422	1,004,148	1,090,482	1,256,313	1,361,029
Farm	124,093	105,054	106,277	120,162	122,227	132,959	50,278	54,645	59,702	61,121	77,070	81,203
Nonfarm	1,081,552	1,272,762	1,435,505	1,683,917	1,883,006	2,059,305	660,870	764,777	944,446	1,029,361	1,179,243	1,279,826
Earnings by industry:												
Farm	156,478	136,947	137,349	150,660	154,022	164,623	60,733	64,832	69,573	70,674	86,917	90,907
Nonfarm	16,031,688	17,205,269	18,483,622	19,876,746	21,838,169	23,576,770	10,141,624	11,303,353	12,555,256	13,845,322	15,608,876	17,297,581
Private	13,877,052	14,864,011	15,926,493	17,134,538	18,798,488	20,297,057	8,973,572	10,026,837	11,177,268	12,374,001	13,963,394	15,510,951
Agricultural services, forestry, fisheries, and other[7]	68,989	74,440	81,683	85,897	95,490	114,287	33,861	37,404	45,214	53,384	71,275	74,821
Agricultural services	65,241	71,391	76,700	78,819	89,631	107,654	33,472	37,089	44,900	53,087	70,958	74,463
Forestry, fisheries, and other[7]	3,748	3,049	4,983	7,078	5,859	6,633	389	315	314	297	317	358
Mining	82,329	83,456	105,487	51,511	49,295	51,986	31,241	36,571	47,154	28,515	30,556	31,959
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	66,417	65,924	86,267	30,596	21,744	21,995	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	15,820	17,398	19,131	20,824	27,491	29,945	12,698*	14,379*	15,862*	(D)	(D)	23,065*
Construction	946,712	977,967	995,654	1,068,888	1,153,380	1,221,063	514,493	653,376	756,252	869,165	1,001,321	1,089,854
Manufacturing	1,629,012	1,759,632	1,783,582	1,872,529	1,983,473	2,078,637	3,249,539	3,405,780	3,551,259	3,781,351	3,965,992	4,358,537
Nondurable goods	880,939	941,924	957,733	1,009,357	1,064,427	1,121,940	1,818,272	1,904,164	2,019,949	2,043,150	2,159,515	2,372,423
Food and kindred products	142,316	131,683	133,640	142,918	153,240	159,239	158,563	165,747	183,952	206,139	227,507	238,449
Textile mill products	30,304	31,362	30,085	32,783	33,894	37,329	(D)	8,857*	20,658*	22,035*	25,731*	30,978*
Apparel and other textile products	208,259	219,215	207,440	217,036	233,328	253,889	49,853*	51,581	52,156	49,308*	51,743*	55,159*
Paper and allied products	34,595	39,304	43,717	46,552	52,193	50,650	309,714	290,222*	275,827*	247,096	238,918	245,447
Printing and publishing	236,434	275,078	305,348	333,791	357,177	373,034	140,561	164,648	186,668	198,095	214,514	235,758
Chemicals and allied products	91,288	100,777	104,424	118,781	102,807	106,944	857,427	914,249	984,794	1,015,328	1,115,712	1,282,255
Petroleum and coal products	7,532	9,096	9,335	10,728	11,102	11,232	111,955	97,708	98,678	101,759*	98,203	87,866
Tobacco manufactures	6,495	7,761	6,383	2,091	2,113	1,919	4,892	5,098	4,958	4,187	(D)	(D)
Rubber and misc. plastic products	96,165	99,744	92,262	84,101	97,676	105,237	167,369	182,607	190,391	194,138	178,271	183,119
Leather and leather products	27,551	27,904	25,099	20,576	20,897	22,467	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	748,073	817,708	825,849	863,172	919,046	956,697	1,431,267	1,501,616	1,531,310	1,738,201	1,806,477	1,986,114
Lumber and wood products	39,807	47,596	56,617	59,435	60,307	64,072	(D)	26,576	33,883	44,392	54,573	(D)
Furniture and fixtures	61,223	64,052	65,826	65,842	78,068	86,001	9,115	12,879	15,748*	22,771*	30,988*	32,631*
Primary metal industries	28,282	32,466	27,965	32,528	33,202	33,788	217,461	221,821	214,187	227,101	228,491	244,625
Fabricated metal products	127,530	135,405	141,821	145,779	157,943	156,079	148,409	155,301	168,240	177,120	194,560	192,871
Machinery, except electrical	116,868	134,402	143,234	118,758	116,116	85,627	(D)	231,377	231,508	(D)	(D)	(D)
Electric and electronic equipment	123,575	139,261	148,710	159,919	168,340	195,435	282,207	312,053	313,891	352,604	342,070	372,078
Transportation equip. excl. motor vehicles	92,108	88,207	78,062	108,134	122,338	139,979	3,984	(D)	(D)	(D)	(D)	4,797
Motor vehicles and equipment	6,272	5,843	5,642	6,197	4,958	7,615	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	82,039	91,622	81,346	83,858	92,840	96,898	75,039	88,641	93,974	96,118	96,083	100,847
Instruments and related products	33,337	35,540	35,788	40,585	43,453	50,449	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	37,032	43,314	40,838	42,137	41,481	40,754	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,154,633	2,150,182	2,255,536	2,352,729	2,480,527	2,589,026	1,185,208	1,212,436	1,374,277	1,478,263	1,738,763	1,829,818
Railroad transportation	35,299	36,144	34,090	33,622	(D)	30,379	9,505*	9,506*	9,303*	10,112*	12,136	11,337
Trucking and warehousing	179,629	206,385	211,637	238,345	266,432	(D)	237,345	272,819	289,337	342,749	417,818*	463,293
Water transportation	88,386	90,792	97,105	99,014	106,529	138,403	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	1,329,323	1,287,757	(D)	(D)	(D)	(D)	(D)	(D)
Communication	465,483	446,503	449,276	428,877	454,237	512,417	(D)	730,301	841,956	885,915	1,000,667	1,048,012
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,397,086	1,478,151	1,626,719	1,718,212	1,897,315	2,149,793	855,674	1,022,690	1,193,560	1,302,792	1,458,485	1,642,914
Retail trade	1,870,230	1,988,135	2,126,422	2,237,074	2,427,295	2,660,366	905,549	977,716	1,094,755	1,215,123	1,362,259	1,483,689
Finance, insurance, and real estate	1,366,059	1,454,909	1,628,429	1,787,575	1,989,365	2,212,007	489,720	591,668	673,586	902,364	1,148,858	1,303,379
Banking and credit agencies	528,855	573,817	636,223	714,839	762,606	846,498	163,486*	186,198*	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	837,204	881,092	992,206	1,072,736	1,226,759	1,365,509	292,167*	369,380*	(D)	(D)	(D)	(D)
Services	4,362,002	4,897,139	5,322,981	5,960,123	6,722,348	7,219,892	1,708,287	2,089,196	2,441,211	2,743,044	3,185,885	3,695,980
Hotels and other lodging places	234,918	253,285	251,953	269,495	318,028	335,354	22,984	35,148	42,921	48,894	54,616	77,060
Personal services	139,382	149,829	171,175	185,928	209,013	234,491	63,585	71,727	88,141	97,294	99,527	112,737
Private households	134,261	152,900	157,363	160,574	165,419	170,902	24,409	27,211	27,392	27,411	27,638	27,971
Business services	644,091	724,777	789,297	872,507	978,539	1,017,580	633,911	864,002	1,076,052	1,176,838	1,388,434	1,609,032
Auto repair, services, and garages	175,258	192,975	213,042	224,349	246,214	264,315	61,339	70,967	78,191	87,728	101,601	124,067
Miscellaneous repair services	72,986	83,126	75,232	87,487	93,932	103,011	41,801	44,614	46,075	50,367	54,624	58,871
Amusement and recreation services	146,774	156,293	171,043	188,591	205,777	216,064	20,555	23,900	26,794	34,100	39,363	42,022
Motion pictures	13,736	(D)	21,258	23,081	27,539	27,913	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,389,132	1,507,871	1,623,920	1,739,641	1,980,205	2,095,322	484,687	539,371	589,317	658,641	767,365	880,199
Legal services	520,234	623,880	711,675	828,727	978,129	1,044,894	101,136	120,112	139,032	165,670	196,677	229,175
Educational services	230,906	254,194	280,139	300,527	340,380	385,341	34,801	38,891	42,594	45,148	48,670	55,489
Social services	71,771	79,711	90,672	102,579	116,901	133,288	30,315	34,117	39,790	46,211	57,370	66,798
Museums, botanical, zoological gardens	753	(D)	1,018	1,138	1,252	1,290	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	127,944	154,731	160,420	170,414	175,532	197,930	63,058	69,686	73,553	82,495	89,178	102,076
Miscellaneous services	459,856	544,949	604,774	805,085	885,488	992,197	120,178	143,236	165,523	215,411	252,859	301,001
Government and government enterprises	2,154,636	2,341,258	2,557,129	2,742,208	3,039,681	3,279,713	1,168,052	1,276,516	1,377,988	1,471,321	1,645,482	1,786,630
Federal, civilian	432,205	465,628	506,899	519,019	565,120	633,926	131,129	141,481	156,738	163,680	181,517	200,492
Military	138,784	119,112	145,548	165,010	169,839	168,217	17,400	22,318	24,200	26,797	28,646	28,928
State and local	1,583,647	1,756,518	1,904,682	2,058,179	2,304,722	2,477,570	1,019,523	1,112,717	1,197,050	1,280,844	1,435,319	1,557,210

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Midland, TX (MSA)						Milwaukee, WI (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,589,638**	**1,713,309**	**1,876,599**	**1,745,938**	**1,696,788**	**1,818,127**	**18,324,918**	**19,906,687**	**20,862,012**	**21,901,559**	**23,203,168**	**24,995,165**
Nonfarm personal income	1,588,082	1,709,146	1,871,984	1,743,488	1,689,741	1,814,000	18,277,103	19,850,845	20,798,445	21,835,659	23,135,523	24,938,291
Farm income[1]	1,556	4,163	4,615	2,450	7,047	4,127	47,815	55,842	63,567	65,900	67,645	56,874
Population (thousands)[2]	106.5	106.0	108.5	110.6	107.0	107.3	1,382.9	1,377.8	1,379.7	1,382.7	1,385.8	1,398.0
Per capita personal income (dollars)	**14,932**	**16,163**	**17,289**	**15,785**	**15,860**	**16,947**	**13,251**	**14,449**	**15,121**	**15,840**	**16,744**	**17,880**
Derivation of total personal income:												
Total earnings by place of work	1,361,177	1,442,111	1,553,282	1,371,506	1,312,678	1,409,459	13,676,059	15,008,083	15,772,307	16,618,606	17,661,777	19,096,386
Less: Personal contributions for social insurance[3]	72,920	76,622	87,461	78,511	74,508	83,372	864,899	952,269	1,049,247	1,098,175	1,158,803	1,313,953
Plus: Adjustment for residence	−82,721	−83,382	−84,425	−78,718	−74,408	−81,852	−461,482	−506,787	−562,484	−607,001	−657,739	−674,173
Equals: Net earnings by place of residence	1,205,536	1,282,107	1,381,396	1,214,277	1,163,762	1,244,235	12,349,678	13,549,027	14,160,576	14,913,430	15,845,235	17,108,260
Plus: Dividends, interest, and rent[5]	283,674	326,131	380,003	392,461	385,267	422,100	3,081,648	3,449,543	3,620,325	3,709,772	3,945,290	4,321,103
Plus: Transfer payments	100,428	105,071	115,200	139,200	147,759	151,792	2,893,592	2,908,117	3,081,111	3,278,357	3,412,643	3,565,802
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,120,495	1,147,956	1,226,560	1,097,654	1,047,385	1,127,424	11,557,864	12,699,967	13,361,762	14,072,029	14,932,090	16,188,860
Other labor income	113,055	111,974	112,195	102,230	98,799	105,847	1,248,796	1,316,820	1,320,999	1,395,572	1,473,659	1,572,732
Proprietors' income[6]	127,627	182,181	214,527	171,622	166,494	176,188	869,399	991,296	1,089,546	1,151,005	1,256,028	1,334,794
Farm	339	2,963	3,448	1,310	5,853	2,947	35,763	44,016	51,817	54,356	55,573	44,845
Nonfarm	127,288	179,218	211,079	170,312	160,641	173,241	833,636	947,280	1,037,729	1,096,649	1,200,455	1,289,949
Earnings by industry:												
Farm	1,556	4,163	4,615	2,450	7,047	4,127	47,815	55,842	63,567	65,900	67,645	56,874
Nonfarm	1,359,621	1,437,948	1,548,667	1,369,056	1,305,631	1,405,332	13,628,244	14,952,241	15,708,740	16,552,706	17,594,132	19,039,512
Private	1,247,700	1,320,408	1,421,490	1,237,433	1,166,588	1,251,184	11,978,859	13,181,725	13,841,012	14,606,019	15,559,916	16,856,339
Agricultural services, forestry, fisheries, and other[7]	4,140	3,430	2,915	2,689	4,304	5,340	33,433	38,586	40,189	41,809	55,190	62,357
Agricultural services	4,003	3,376	2,746	2,441	4,138	5,159	32,317	37,696	39,288	41,045	54,434	61,554
Forestry, fisheries, and other[7]	137	54	169	248	166	181	1,116	890	901	764	756	803
Mining	430,400	451,059	496,755	425,866	395,240	432,785	36,848	38,922	51,583	23,632	23,328	23,558
Coal mining	(L)	(L)	(L)	(L)	(L)	113	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	430,297	450,913	496,628	(D)	394,656	432,015	27,076*	(D)	40,316*	12,995*	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	97	137	117	(D)	579	657	7,683*	(D)	8,041*	9,431*	(D)	(D)
Construction	104,052	91,763	78,507	57,640	50,321	54,697	562,428	646,052	684,979	784,729	880,136	963,381
Manufacturing	94,286	102,640	112,011	100,081	85,222	78,000	4,454,138	4,978,464	5,012,520	5,125,946	5,291,502	5,619,110
Nondurable goods	19,286	19,599	18,919	21,831	17,894	11,004	1,125,476	1,193,333	1,223,511	1,310,625	1,404,490	1,491,746
Food and kindred products	2,863	2,300	1,148	1,031	833	(D)	410,255*	414,096	394,669	410,176	426,664	447,946
Textile mill products	0	0	0	0	0	0	10,908	11,605*	10,509*	11,129*	11,295*	10,936*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	23,490*	25,414*	28,064*	28,779*	30,806*	34,141*
Paper and allied products	0	0	0	0	0	0	92,811*	103,128*	100,664*	111,347*	114,920*	126,340*
Printing and publishing	7,249	6,930	7,287	6,757	5,679	5,887	315,830	330,443*	354,785*	391,154*	429,032*	469,113*
Chemicals and allied products	(D)	1,765	2,277	3,065	666	1,155	90,845	100,846	114,521	119,545	130,546	129,755
Petroleum and coal products	5,478	6,621	7,289	7,240	7,552	1,348	4,555	4,606	4,136	3,935	4,771	4,057
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	0	0	0	0
Rubber and misc. plastic products	1,819	(D)	(D)	(D)	(D)	(D)	83,187*	107,316*	120,636	133,175	143,978	154,135
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	75,000	83,041	93,092	78,250	67,328	66,996	3,328,662	3,785,131	3,789,009	3,815,321	3,887,012	4,127,364
Lumber and wood products	1,205	1,321	1,057	(D)	253	213	(D)	19,089	20,585	23,485	28,833	34,048
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	25,850	27,300*	27,762*	32,796*	37,011*	40,952*
Primary metal industries	(D)	242	(D)	(D)	0	0	207,049	237,058	223,780	220,270	220,961	247,206
Fabricated metal products	3,193	4,286	4,716	(D)	1,916	2,293	537,234	595,126	599,510	601,023	599,651	643,717
Machinery, except electrical	38,526	36,802	37,957	22,510	16,038	16,913	1,135,113	1,367,406	1,356,934	1,389,931	1,441,542	1,540,407
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	826,878	910,279	921,973	897,635	903,089	936,371
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	69,167*	73,802*	49,088*	47,897*	55,480*	66,267*
Motor vehicles and equipment	0	0	0	0	0	0	318,896*	329,420*	337,266*	333,978*	312,378*	277,828*
Stone, clay, and glass products	(D)	2,870	2,269	3,327	1,948	1,960	35,028	39,470	39,110	47,693	55,778	65,689
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	89,966*	119,551*	121,804*	134,225*	163,284*
Miscellaneous manufacturing industries	2,621	3,460	4,227	4,416	4,372	4,293	61,118	68,536	68,971	71,609	77,863	84,987
Transportation and public utilities	53,381	101,522	128,700	77,715	60,452	81,097	926,638	983,765	1,057,648	1,090,127	1,111,968	1,173,794
Railroad transportation	0	0	0	0	0	0	64,959	66,018	60,466	51,945	41,430	46,280
Trucking and warehousing	14,459	16,730	14,543	13,085	13,535	13,803	277,665	329,526	340,763	(D)	(D)	(D)
Water transportation	0	0	0	0	0	0	4,965*	(D)	(D)	5,671*	5,935*	3,679*
Other transportation[8]	18,600	15,856	16,416	15,985	16,726	18,554	(D)	(D)	(D)	(D)	(D)	(D)
Communication	28,861	25,176	30,742	32,206	33,179	36,788	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	−8,539	43,760	66,999	16,439	−2,988	11,952	(D)	184,694*	222,371*	(D)	(D)	(D)
Wholesale trade	84,381	80,967	85,948	75,508	70,111	75,750	972,704	1,089,763	1,138,922	1,170,873	1,268,379	1,398,611
Retail trade	140,650	141,556	140,893	128,768	121,956	125,110	1,167,154	1,221,772	1,296,197	1,380,139	1,442,323	1,568,919
Finance, insurance, and real estate	85,957	85,331	88,963	85,941	84,761	80,776	973,205	1,029,103	1,111,692	1,233,263	1,340,537	1,463,306
Banking and credit agencies	45,322	42,105	43,699	42,189	33,626	30,467	303,598	323,824*	362,193*	386,947	383,840*	402,131*
Other finance, insurance, and real estate[9]	40,635	43,226	45,264	43,752	51,135	50,309	669,607	681,228*	725,216*	846,316	937,300*	1,038,262*
Services	250,453	262,140	286,798	283,225	294,221	317,629	2,852,311	3,155,298	3,447,282	3,755,501	4,146,553	4,583,303
Hotels and other lodging places	3,830	3,220	4,466	4,317	4,205	3,848	49,083	49,372	50,463	46,167	55,561	62,460
Personal services	14,335	13,608	15,306	15,515	15,313	16,288	129,954	138,094	160,681	170,026	180,855	194,983
Private households	15,255	17,214	17,539	17,741	17,864	18,040	29,150	32,450	32,479	32,302	32,500	33,028
Business services	82,665	83,245	97,686	89,474	89,015	95,166	505,827	618,412	750,856	830,537	934,315	1,067,903
Auto repair, services, and garages	12,552	12,598	13,090	13,182	13,796	15,045	77,585	92,049	105,562	113,543	120,639	137,301
Miscellaneous repair services	6,866	7,030	6,890	6,775	6,412	8,223	38,669	44,418	41,040	43,770	46,069	56,856
Amusement and recreation services	7,658	8,337	8,567	7,879	7,911	7,949	70,136	74,728	80,242	80,237	86,144	99,027
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	6,986*	8,191*	8,249*	7,924*	8,323*	(D)
Health services	29,734	33,314	37,249	39,298	47,599	55,854	1,162,136	1,207,098	1,245,658	1,350,597	1,489,421	1,582,593
Legal services	23,652	27,562	30,042	32,547	33,898	36,074	223,979	262,884	293,638	323,288	356,382	399,563
Educational services	2,000	2,240	2,253	2,289	2,791	3,239	167,232	189,526	208,374	228,060	244,852	264,255
Social services	2,517	2,690	3,028	4,110	4,758	5,690	98,770	111,334	122,750	132,822	151,879	172,834
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	1,511*	1,752*	2,119*	2,234*	2,461*	2,968*
Membership organizations	8,021	8,116	8,965	9,482	9,668	10,519	110,250	117,073	118,216	123,783	134,720	148,635
Miscellaneous services	40,909	42,352	40,980	39,752	40,033	40,674	180,829	207,601	226,696	269,965	302,090	349,523
Government and government enterprises	111,921	117,540	127,177	131,623	139,043	154,148	1,649,385	1,770,516	1,867,728	1,946,687	2,034,216	2,183,173
Federal, civilian	14,341	15,877	17,192	16,725	21,717	30,442	271,758	281,368	296,320	292,204	316,882	340,714
Military	1,751	1,720	1,986	2,128	2,407	2,541	44,052	56,212	63,432	67,791	71,558	74,120
State and local	95,829	99,943	107,999	112,770	114,919	121,165	1,333,575	1,432,936	1,507,976	1,586,692	1,645,776	1,768,339

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Minneapolis—St. Paul, MN—WI (MSA)						Mobile, AL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**31,042,157**	**34,493,543**	**37,089,059**	**39,501,252**	**42,661,420**	**46,247,540**	**4,354,916**	**4,635,516**	**4,930,746**	**5,293,480**	**5,584,939**	**5,940,531**
Nonfarm personal income	30,979,240	34,365,499	36,958,859	39,326,256	42,491,572	46,121,785	4,299,362	4,593,448	4,880,698	5,240,673	5,530,770	5,870,151
Farm income[1]	62,917	128,044	130,200	174,996	169,848	125,755	55,554	42,068	50,048	52,807	54,169	70,380
Population (thousands)[2]	2,206.2	2,227.3	2,261.8	2,296.6	2,334.8	2,387.5	457.5	460.4	464.6	478.7	483.8	485.6
Per capita personal income (dollars)	**14,070**	**15,487**	**16,398**	**17,200**	**18,272**	**19,371**	**9,519**	**10,069**	**10,613**	**11,058**	**11,543**	**12,233**
Derivation of total personal income:												
Total earnings by place of work	24,861,975	27,885,999	30,114,363	32,207,564	34,867,428	37,737,732	2,963,198	3,166,059	3,428,895	3,621,972	3,820,332	4,051,852
Less: Personal contributions for social insurance[3]	1,694,391	1,884,566	2,135,671	2,275,356	2,439,231	2,752,713	179,064	195,751	220,515	222,710	235,538	261,160
Plus: Adjustment for residence	−475,266	−577,450	−631,483	−647,227	−736,657	−745,338	163,233	154,430	149,319	174,788	183,181	200,486
Equals: Net earnings by place of residence	22,692,318	25,423,983	27,347,209	29,284,981	31,691,540	34,239,681	2,947,367	3,124,738	3,357,699	3,574,050	3,767,975	3,991,178
Plus: Dividends, interest, and rent[5]	4,671,930	5,222,024	5,607,318	5,986,667	6,493,872	7,167,944	609,533	675,638	680,214	767,297	822,924	896,166
Plus: Transfer payments	3,677,909	3,847,536	4,134,532	4,229,604	4,476,008	4,839,915	798,016	835,140	892,833	952,133	994,040	1,053,187
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	21,085,333	23,647,960	25,566,518	27,259,108	29,565,088	32,081,686	2,405,649	2,580,856	2,793,364	2,908,049	3,055,041	3,229,021
Other labor income	2,219,217	2,372,515	2,493,869	2,702,098	2,865,555	3,091,554	245,218	251,002	260,246	274,463	288,689	304,187
Proprietors' income[6]	1,557,425	1,865,524	2,053,976	2,246,358	2,436,785	2,564,492	312,331	334,201	375,285	439,460	476,602	518,644
Farm	28,760	94,688	96,899	142,118	135,728	91,705	44,344	31,101	39,062	41,932	42,645	58,734
Nonfarm	1,528,665	1,770,836	1,957,077	2,104,240	2,301,057	2,472,787	267,987	303,100	336,223	397,528	433,957	459,910
Earnings by industry:												
Farm	62,917	128,044	130,200	174,996	169,848	125,755	55,554	42,068	50,048	52,807	54,169	70,380
Nonfarm	24,799,058	27,757,955	29,984,163	32,032,568	34,697,580	37,611,977	2,907,644	3,123,991	3,378,847	3,569,165	3,766,163	3,981,472
Private	21,616,572	24,280,491	26,234,034	28,042,124	30,390,400	32,968,636	2,466,537	2,648,190	2,845,481	2,992,431	3,173,071	3,352,450
Agricultural services, forestry, fisheries, and other[7]	71,817	75,523	79,371	83,518	107,909	118,692	34,583	30,265	33,759	34,219	33,917	33,276
Agricultural services	62,515*	67,501*	(D)	81,379*	105,292*	112,215*	8,706	8,918	8,691	8,711	12,458	13,023
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	25,877	21,347	25,068	25,508	21,459	20,253
Mining	75,757	82,106	105,970	61,021	53,469	50,889	27,846	30,551	31,159	21,246	18,759	18,706
Coal mining	187	191	88*	94*	(L)	169	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	62,258*	83,426*	37,047*	33,392*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	2,070	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,370,215	1,632,170	1,790,604	2,001,572	2,249,613	2,247,121	226,122	249,116	302,922	275,835	274,289	286,042
Manufacturing	6,694,934	7,542,696	7,978,873	8,277,187	8,714,220	9,589,803	635,424	664,961	687,006	716,135	747,195	762,162
Nondurable goods	2,477,646	2,701,851*	2,867,640*	3,035,689	3,264,843	3,549,614	427,067	450,605	467,462	474,635	497,125	506,638
Food and kindred products	(D)	(D)	571,647*	610,087*	639,481*	(D)	32,056	33,583	35,146	38,628	38,049	36,637
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	26,510*	28,720*	16,595	18,421	18,952	20,599	21,459	21,819
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	233,793*	242,639*	251,020*	240,528*	246,498	244,964
Printing and publishing	606,766*	681,057*	735,113*	793,323*	872,146*	927,662*	17,821	20,171	22,598	24,411	25,785	27,108
Chemicals and allied products	169,596*	191,927*	201,448*	229,213*	225,998*	283,469*	99,020	106,490	108,464	117,950	129,935	139,006
Petroleum and coal products	70,547	70,238*	70,319	71,760	80,462	84,492	12,380	13,340	14,255	15,236	18,002	16,772
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	156,860*	(D)	(D)	(D)	(D)	(D)	6,930*	7,509*	8,360*	7,595*	8,946*	9,438*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	4,217,288	4,811,178*	5,080,799*	5,241,498	5,449,377	6,040,189	208,357	214,356	219,544	241,500	250,070	255,524
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	36,936	38,364	41,215	41,645	42,875	44,646
Furniture and fixtures	31,796*	38,965*	(D)	50,088*	54,529*	58,205*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	150,556*	133,361*	143,994*	160,205*	178,780*	(D)	5,232	(D)	8,678*	(D)	(D)
Fabricated metal products	779,431*	863,562*	908,472	873,062	899,994*	937,521*	21,199*	21,565*	22,316	20,058	21,224	22,412*
Machinery, except electrical	1,768,066	(D)	(D)	(D)	(D)	(D)	14,934	17,768	18,148	18,086	20,516	22,724
Electric and electronic equipment	419,264*	435,057*	472,819*	427,320*	425,541*	476,683*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	46,552*	(D)	76,769	73,940	78,009	92,474	85,601	85,481
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,917*	4,096*	4,033*	(D)	(D)
Stone, clay, and glass products	79,082*	87,863*	86,806*	88,268*	96,324*	94,030*	16,670	16,512	10,945	9,680	16,002*	17,477*
Instruments and related products	(D)	685,355*	716,593*	911,736*	910,298*	920,872*	15,922	18,092	(D)	9,488	8,548	6,038
Miscellaneous manufacturing industries	85,036*	81,448*	89,570*	(D)	93,796*	99,699*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,026,525	2,221,901	2,337,202	2,395,185	2,567,885	2,713,515	264,229	261,934	265,669	270,432	279,398	305,081
Railroad transportation	251,584	255,908*	220,192*	228,640	236,056	217,268*	40,929	39,646	35,155	30,284	25,239	26,216
Trucking and warehousing	437,016	485,996	493,479	504,281	529,212	556,232	39,984	50,997	52,995	56,944	65,571	75,276
Water transportation	(D)	6,930*	9,806*	8,901*	11,370*	17,501*	65,085	58,534	59,565	56,231	54,482	63,990
Other transportation[8]	610,669*	656,891*	755,324*	783,324*	896,003*	976,161*	16,779	17,986	18,530	20,328	21,442	24,238
Communication	397,656*	430,654*	463,357*	457,881*	477,721*	501,287*	55,266	45,526	46,481	47,968	50,956	53,504
Electric, gas, and sanitary services	276,077*	308,554*	317,242*	329,792*	334,690*	340,458*	46,186	49,245	52,943	58,677	61,708	61,857
Wholesale trade	2,144,139	2,440,988	2,581,620	2,718,480	2,931,003	3,220,995	189,265	219,382	230,138	237,771	247,625	256,081
Retail trade	2,421,956	2,655,988	2,828,096	2,997,734	3,217,203	3,523,134	340,844	370,425	391,201	422,453	439,063	460,683
Finance, insurance, and real estate	1,852,325	2,025,399	2,261,449	2,579,903	2,881,892	3,065,641	139,576	149,916	169,755	177,483	191,221	187,919
Banking and credit agencies	538,321*	564,803*	591,133*	693,675*	713,423*	745,124*	60,741	63,130	65,603	66,382	68,959	67,753
Other finance, insurance, and real estate[9]	1,286,354*	1,371,964*	1,501,501*	1,787,986*	2,050,895*	2,193,867*	78,835	86,786	104,152	111,101	122,262	120,166
Services	4,958,904	5,603,720	6,270,849	6,927,524	7,667,206	8,438,846	608,648	671,640	733,872	836,857	941,604	1,042,500
Hotels and other lodging places	126,065*	(D)	(D)	(D)	(D)	152,654*	21,303	24,842	26,447	27,396	30,032	32,822
Personal services	255,008	287,230	363,989	407,807	441,902	485,397	23,952	25,156	28,629	31,178	33,315	37,068
Private households	39,274	(D)	43,963	43,866	44,284	45,225	23,494	26,200	26,391	26,390	26,641	26,938
Business services	1,036,122	1,273,622*	1,481,123	1,655,513	1,870,156	2,079,722	66,448	77,690	90,089	101,607	119,273	134,081
Auto repair, services, and garages	220,568	258,228	296,160	316,232	327,441	375,167	25,159	28,442	32,339	34,123	37,147	38,500
Miscellaneous repair services	91,476	100,695	93,916	105,426	114,394	125,237	13,018*	15,133*	15,816*	17,574*	19,241*	22,487*
Amusement and recreation services	136,720*	147,154*	165,597*	186,480*	204,162*	243,838*	13,297	13,081	15,519	14,186	15,260	15,735
Motion pictures	(D)	25,085*	28,982*	32,400*	33,588*	37,883*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,553,202	1,635,675	1,792,671	1,936,044	2,167,366	2,347,356	221,583	233,812	252,562	283,698	323,978	360,493
Legal services	416,435	502,665	549,775	623,119	683,051	764,664	56,193	65,786	73,716	83,414	93,357	104,333
Educational services	175,927*	(D)	219,658	245,845	265,989	(D)	23,036	25,524	27,532	27,967	30,593	32,348
Social services	222,337*	260,999*	288,823*	313,852*	338,374*	377,719*	14,788	15,852	18,183	19,505	21,270	24,824
Museums, botanical, zoological gardens	11,077*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	207,835	220,457	231,132	244,568	260,130	280,648	25,710	26,399	25,789	28,994	29,842	31,123
Miscellaneous services	430,471	478,807	525,334	612,599	692,822	753,595	78,561	91,785	98,753	138,513	158,642	177,454
Government and government enterprises	3,182,486	3,477,464	3,750,129	3,990,444	4,307,180	4,643,341	441,107	475,801	533,366	576,734	593,092	629,022
Federal, civilian	558,659	571,561	611,238	617,305	669,842	733,657	70,067	76,851	83,531	85,698	92,160	101,424
Military	54,320	63,864	70,657	80,472	87,551	90,797	39,306	41,493	46,164	51,808	55,311	55,819
State and local	2,569,507	2,842,039	3,068,234	3,292,667	3,549,787	3,818,887	331,734	357,457	403,671	439,228	445,621	471,779

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Modesto, CA (MSA)						Monmouth—Ocean, NJ (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,123,855**	**3,442,338**	**3,743,274**	**4,040,186**	**4,415,950**	**4,744,871**	**13,312,110**	**14,673,824**	**16,238,066**	**17,802,557**	**19,606,898**	**21,462,993**
Nonfarm personal income	3,035,052	3,290,733	3,547,047	3,808,848	4,152,596	4,497,282	13,287,492	14,647,252	16,209,114	17,774,946	19,571,062	21,425,082
Farm income[1]	88,803	151,605	196,227	231,338	263,354	247,589	24,618	26,572	28,952	27,611	35,836	37,911
Population (thousands)[2]	290.3	296.2	304.2	314.7	327.6	341.0	878.3	893.3	912.6	935.6	956.0	969.5
Per capita personal income (dollars)	**10,762**	**11,621**	**12,304**	**12,839**	**13,478**	**13,913**	**15,157**	**16,426**	**17,792**	**19,028**	**20,509**	**22,139**
Derivation of total personal income:												
Total earnings by place of work	1,978,158	2,223,809	2,432,055	2,639,500	2,933,850	3,134,420	5,407,031	6,166,065	6,913,884	7,734,747	8,751,665	9,538,989
Less: Personal contributions for social insurance[3]	112,028	123,554	140,539	153,539	170,690	193,923	344,117	396,002	460,777	544,665	616,134	701,638
Plus: Adjustment for residence	84,588	95,148	107,787	117,565	133,890	141,417	3,707,523	3,900,537	4,351,507	4,784,967	5,208,909	5,861,466
Equals: Net earnings by place of residence	1,950,718	2,195,403	2,399,303	2,603,526	2,897,050	3,081,914	8,770,437	9,670,600	10,804,614	11,975,049	13,344,440	14,698,817
Plus: Dividends, interest, and rent[5]	557,951	599,565	629,034	660,272	696,769	766,179	2,609,425	2,995,027	3,280,709	3,516,677	3,822,849	4,216,748
Plus: Transfer payments	615,186	647,370	714,937	776,388	822,131	896,778	1,932,248	2,008,197	2,152,743	2,310,831	2,439,609	2,547,428
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,541,060	1,672,288	1,823,015	1,956,894	2,165,821	2,351,053	4,394,969	5,025,019	5,604,433	6,285,343	7,117,708	7,764,898
Other labor income	171,081	180,921	187,484	205,035	228,668	246,287	398,774	446,926	471,640	529,020	598,569	650,557
Proprietors' income[6]	266,017	370,600	421,556	477,571	539,361	537,080	613,288	694,120	837,811	920,384	1,035,388	1,123,534
Farm	21,950	86,642	126,371	160,591	185,658	160,641	17,673	19,796	22,407	21,305	29,378	31,583
Nonfarm	244,067	283,958	295,185	316,980	353,703	376,439	595,615	674,324	815,404	899,079	1,006,010	1,091,951
Earnings by industry:												
Farm	88,803	151,605	196,227	231,338	263,354	247,589	24,618	26,572	28,952	27,611	35,836	37,911
Nonfarm	1,889,355	2,072,204	2,235,828	2,408,162	2,670,496	2,886,831	5,382,413	6,139,493	6,884,932	7,707,136	8,715,829	9,501,078
Private	1,604,409	1,767,110	1,900,747	2,042,983	2,276,630	2,446,319	4,136,426	4,761,632	5,387,855	6,115,744	7,017,362	7,675,569
Agricultural services, forestry, fisheries, and other[7]	44,366	46,907	49,121	45,726	63,908	71,173	38,212	37,928	50,447	58,095	76,672	90,096
Agricultural services	43,919	46,593	48,684	45,417	63,689	70,597	34,103	36,191	43,141	46,781	65,444	77,606
Forestry, fisheries, and other[7]	447	314	437	309	219	576	4,109	1,737	7,306	11,314	11,228	12,490
Mining	4,725	5,038	6,559	3,425	3,169	3,358	23,805	27,050	39,304	15,237	15,555	16,696
Coal mining	132	178	208	200	53	54	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,996	4,253	5,729	2,224	2,072	2,379	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	(L)	(L)	57	(L)
Nonmetallic minerals, except fuels	597	607	622	1,001	1,044	925	(D)	(D)	(D)	(D)	4,729*	(D)
Construction	140,742	167,987	195,270	219,770	248,482	264,876	380,580	505,721	597,510	736,259	861,680	947,640
Manufacturing	481,478	520,726	542,244	580,396	635,418	661,723	639,183	708,786	756,681	778,807	843,507	846,708
Nondurable goods	365,080	386,329	395,953	414,330	462,339	481,863	279,114	297,134	309,853	332,546	346,394	358,948
Food and kindred products	300,258	317,295	321,000	332,758	374,142	386,067	27,806*	28,766*	(D)	33,070	32,858	30,955
Textile mill products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	709	22,232	22,292	20,087	18,689	17,986	15,517
Paper and allied products	40,895	43,539	48,388	52,783	54,630	57,174	11,012	8,429*	(D)	(D)	(D)	9,850*
Printing and publishing	18,970	20,604	22,370	23,326	25,583	28,302	41,502	49,306	58,141	66,690	75,459	86,386
Chemicals and allied products	2,183	2,329	2,018	2,349	3,762	4,385	121,746	129,328	132,294	140,273	138,922	134,432
Petroleum and coal products	(D)	321	100	125	0	0	7,118	6,999	7,326	7,153	8,006	7,562
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,092	2,150	2,016	2,707	3,573	5,105	39,993	45,108	45,893	50,283	58,954	69,240
Leather and leather products	0	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	116,398	134,397	146,291	166,066	173,079	179,860	360,069	411,652	446,828	446,261	497,113	487,760
Lumber and wood products	13,393	16,809	17,168	17,760	19,608	21,911	17,048	21,049	24,443	25,897	25,623	23,277
Furniture and fixtures	2,621	3,579	4,633	4,871	5,666	6,763	2,200	(D)	4,177	3,438	4,095	4,361
Primary metal industries	4,042	4,659	(D)	(D)	(D)	(D)	(D)	18,377	(D)	(D)	(D)	(D)
Fabricated metal products	38,775	44,546	48,554	56,874	54,340	54,646	27,342	(D)	(D)	32,547	38,077	37,307
Machinery, except electrical	16,005	19,214	18,461	23,131	26,282	33,167	94,014	92,306	109,949	109,860	121,431	138,003
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	106,905	137,477	140,225	147,075	170,035	137,456
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	258	(D)	(D)	6,843	10,963	14,562	(D)	(D)	(D)
Motor vehicles and equipment	1,812	2,232	5,282	5,686	6,217	4,472	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	44,136	(D)	56,315	60,571	65,144	72,270	76,486
Instruments and related products	1,927	2,123	2,483	3,098	3,610	3,830	25,946	27,495	28,116	19,074	18,445	22,962
Miscellaneous manufacturing industries	2,705	3,450	4,326	3,885	4,155	1,376	13,324	14,363	15,166	14,145	14,560	15,654
Transportation and public utilities	118,925	140,385	142,409	149,126	162,484	171,379	303,023	438,181	474,681	559,079	625,872	663,912
Railroad transportation	2,737	2,574	2,163	1,785	1,505	1,013	3,531	2,927	1,758	2,349	3,146	3,778
Trucking and warehousing	63,689	79,747	80,742	87,743	95,479	99,701	49,706	58,443	61,237	73,401	83,574	93,557
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	8,256	10,368	12,275	13,525	15,139	14,341
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	30,408	37,763	40,729	50,708	67,582	77,232
Communication	32,793	34,715	32,730	31,174	33,070	33,400	103,256	204,789	222,297	273,276	310,482	321,802
Electric, gas, and sanitary services	10,235	12,244	13,678	13,773	15,895	17,858	107,866	123,891	136,385	145,820	145,949	153,202
Wholesale trade	88,188	93,811	110,299	117,795	134,721	156,820	223,145	260,515	315,280	354,501	411,132	483,047
Retail trade	246,750	263,965	277,269	293,574	325,020	352,918	743,184	816,136	889,238	1,015,222	1,127,087	1,219,448
Finance, insurance, and real estate	69,857	74,080	83,070	102,693	112,375	120,027	238,463	259,010	291,004	381,701	466,352	503,548
Banking and credit agencies	37,848	38,360	38,453	45,436	50,139	51,974	92,031	104,013	111,793	134,718	152,692	171,327
Other finance, insurance, and real estate[9]	32,009	35,720	44,617	57,257	62,236	68,053	146,432	154,997	179,211	246,983	313,660	332,221
Services	409,378	454,211	494,506	530,478	591,053	644,045	1,546,831	1,708,305	1,973,710	2,216,843	2,589,505	2,904,474
Hotels and other lodging places	1,978	2,153	2,469	2,467	3,310	3,970	22,993	24,841	25,700	28,177	33,813	39,509
Personal services	20,324	22,315	27,091	29,022	32,115	34,362	60,733	65,278	84,444	92,003	101,533	119,395
Private households	6,148	6,936	7,085	7,212	7,396	7,620	(D)	(D)	(D)	(D)	(D)	(D)
Business services	61,161	71,434	84,806	78,616	84,848	95,835	539,771	567,075	693,731	758,730	904,624	1,009,090
Auto repair, services, and garages	25,206	29,393	34,209	36,880	40,154	47,013	46,586	57,039	67,713	81,101	90,849	104,264
Miscellaneous repair services	14,744	18,829	18,594	21,005	22,426	25,210	22,950	28,931	27,880	33,531	39,527	41,573
Amusement and recreation services	6,524	7,394	7,792	8,907	7,826	8,947	68,460	73,129	78,603	77,718	87,278	95,648
Motion pictures	(D)	(D)	(D)	1,051	626	848	(D)	(D)	(D)	(D)	(D)	3,720
Health services	195,151	207,444	215,961	236,608	272,689	289,898	494,852	551,606	612,533	692,832	804,612	898,988
Legal services	17,010	20,504	21,877	24,155	25,850	27,705	80,163	96,420	106,010	121,552	146,356	161,271
Educational services	4,462	5,098	5,455	5,450	5,879	6,673	37,827	40,648	45,789	48,634	55,165	59,894
Social services	7,648	7,676	9,414	11,826	12,962	12,553	25,051	27,293	30,669	33,903	38,764	47,332
Museums, botanical, zoological gardens	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	343*
Membership organizations	21,689	22,738	24,783	27,252	29,180	31,357	52,426	57,746	61,828	68,812	75,639	84,194
Miscellaneous services	26,490	30,790	33,884	40,027	45,792	52,054	72,948	93,317	113,469	154,095	185,542	216,795
Government and government enterprises	284,946	305,094	335,081	365,179	393,866	440,512	1,245,987	1,377,861	1,497,077	1,591,392	1,698,467	1,825,509
Federal, civilian	18,961	19,976	20,811	21,873	23,805	27,090	431,330	479,582	515,782	524,449	535,196	559,684
Military	4,640	5,264	6,206	6,758	7,069	7,312	106,863	123,533	130,695	135,690	141,984	139,919
State and local	261,345	279,854	308,064	336,548	362,992	406,110	707,794	774,746	850,600	931,253	1,021,287	1,125,906

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Monroe, LA (MSA)						Montgomery, AL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,388,088**	**1,475,142**	**1,572,975**	**1,634,755**	**1,668,368**	**1,754,316**	**2,917,197**	**3,177,275**	**3,421,114**	**3,665,421**	**3,939,881**	**4,226,579**
Nonfarm personal income	1,382,411	1,466,513	1,567,602	1,627,764	1,659,259	1,742,497	2,894,899	3,152,905	3,396,673	3,643,951	3,904,991	4,186,301
Farm income[1]	5,677	8,629	5,373	6,991	9,109	11,819	22,298	24,370	24,441	21,470	34,890	40,278
Population (thousands)[2]	142.9	143.7	144.3	146.0	144.9	144.0	285.1	290.3	295.3	293.8	298.4	300.8
Per capita personal income (dollars)	**9,715**	**10,262**	**10,903**	**11,199**	**11,516**	**12,184**	**10,231**	**10,945**	**11,586**	**12,475**	**13,205**	**14,053**
Derivation of total personal income:												
Total earnings by place of work	1,033,134	1,111,739	1,174,047	1,210,513	1,235,807	1,294,952	2,149,283	2,371,032	2,565,775	2,773,628	2,981,412	3,186,147
Less: Personal contributions for social insurance[3]	56,043	61,273	68,326	75,739	76,480	84,138	124,892	140,101	156,359	163,868	175,924	196,333
Plus: Adjustment for residence	−26,432	−32,395	−40,545	−47,209	−49,622	−53,772	−37,808	−47,028	−59,858	−65,203	−68,014	−58,969
Equals: Net earnings by place of residence	950,659	1,018,071	1,065,176	1,087,565	1,109,705	1,157,042	1,986,583	2,183,903	2,349,558	2,544,557	2,737,474	2,930,845
Plus: Dividends, interest, and rent[5]	206,075	220,428	243,676	253,393	255,958	274,637	394,369	438,876	475,583	495,091	548,847	596,216
Plus: Transfer payments	231,354	236,643	264,123	293,797	302,705	322,637	536,245	554,496	595,973	625,773	653,560	699,518
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	838,153	903,312	959,188	982,959	999,338	1,046,381	1,817,009	2,000,389	2,180,183	2,340,796	2,495,930	2,663,963
Other labor income	91,802	92,707	95,497	99,398	102,881	108,282	156,087	169,214	177,421	195,908	210,449	229,160
Proprietors' income[6]	103,179	115,720	119,362	128,156	133,588	140,289	176,187	201,429	208,171	236,924	275,033	293,024
Farm	4,173	7,177	3,942	5,581	7,636	10,348	16,342	18,550	18,564	15,581	28,610	33,900
Nonfarm	99,006	108,543	115,420	122,575	125,952	129,941	159,845	182,879	189,607	221,343	246,423	259,124
Earnings by industry:												
Farm	5,677	8,629	5,373	6,991	9,109	11,819	22,298	24,370	24,441	21,470	34,890	40,278
Nonfarm	1,027,457	1,103,110	1,168,674	1,203,522	1,226,698	1,283,133	2,126,985	2,346,662	2,541,334	2,752,158	2,946,522	3,145,869
Private	872,515	938,720	993,790	1,026,728	1,045,223	1,091,865	1,472,187	1,645,469	1,768,802	1,946,354	2,091,151	2,252,669
Agricultural services, forestry, fisheries, and other[7]	5,014	5,017	4,991	5,026	5,419	5,369	8,646	9,399	9,134	9,216	11,590	12,382
Agricultural services	2,361	2,382	2,204	2,070	2,521	2,608	5,961	6,805	7,276	8,097	10,463	(D)
Forestry, fisheries, and other[7]	2,653	2,635	2,787	2,956	2,898	2,761	2,685	2,594	1,858	1,119	1,127	(D)
Mining	18,427	21,336	20,681	14,170	11,896	14,590	5,450	5,356*	7,959*	4,734	4,556	4,580
Coal mining	(L)	101	113	120	54	51	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,312*	3,441*	5,237*	1,407*	1,424*	1,430
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,871*	3,149
Construction	69,087	78,181	81,732	78,809	72,311	65,793	141,861	158,155	188,464	219,886	199,646	224,116
Manufacturing	187,209	201,856	216,954	229,137	224,485	241,359	292,708	343,261	356,056	385,384	418,228	444,245
Nondurable goods	136,823	145,087	152,770	159,314	160,143	169,223	127,836	136,813	145,225	157,903	165,978	171,058
Food and kindred products	16,457	16,699	15,873	15,024	15,867	16,358	38,913*	40,586*	45,609*	48,906*	52,586*	51,733*
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	77,746	83,822	87,493	93,780	95,836	105,291	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	9,729	9,961	11,080	10,600	11,830	10,933	19,750	21,353	23,460	25,887	28,997	31,481
Chemicals and allied products	25,755	26,150	29,048	27,331	22,355	21,738	2,490	2,779*	3,144*	3,013*	2,985*	3,026*
Petroleum and coal products	(D)	(D)	(D)	0	0	0	1,430	1,795	2,011	2,537	2,069	1,838
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	5,976	6,883	7,471	10,238	11,778	12,091	8,075*	8,893*	9,111*	10,262*	11,225*	11,973*
Leather and leather products	(D)	(D)	0	0	0	0	0	0	0	0	0	0
Durable goods	50,386	56,769	64,184	69,823	64,342	72,136	164,872	206,448	210,831	227,481	252,250	273,187
Lumber and wood products	3,004	3,343	2,987	4,020	3,766	3,499	14,499	16,890	17,579	19,472	21,073	21,992
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	5,201*	5,613*	5,687*	5,868*	6,301*	6,566*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	7,028	8,068	9,675	9,487	11,664	15,010
Fabricated metal products	7,335	6,549	7,649	6,463	4,846	5,646	22,577*	25,180*	22,947*	25,766	28,600*	29,415
Machinery, except electrical	10,158	11,931	11,158	12,649	13,503	16,667	(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	164	262	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	0	0	(D)	(D)	0	27,383*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,600	3,797	3,956	3,381	3,103	2,300	24,060*	24,501*	27,636*	30,186*	31,635*	33,881*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	275	340	302	176	185	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	77,337	82,113	85,406	81,487	91,618	93,221	114,846	124,513	128,558	137,561	145,053	156,664
Railroad transportation	7,575	8,309	8,319	6,813	5,424	5,151	16,610	17,223*	15,607*	15,330*	15,025	19,411
Trucking and warehousing	12,662	14,850	15,728	16,284	19,968	21,977	24,305	30,891	31,638	33,686	35,655	40,563
Water transportation	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,137	3,614	4,300	4,809	4,237	4,821	10,230*	(D)	(D)	(D)	(D)	(D)
Communication	23,736	23,896	24,505	24,972	29,286	28,659	40,251	37,327	36,795	40,742	43,996	45,673
Electric, gas, and sanitary services	30,228	31,445	32,555	28,610	32,704	32,613	23,019	25,727	29,870	33,032	36,448	37,036
Wholesale trade	82,723	89,639	90,415	89,338	92,373	98,559	150,734	159,772*	168,986*	178,317	190,067	202,687
Retail trade	127,071	136,955	149,294	149,875	137,396	138,727	217,120	238,647	249,114	271,281	287,209	304,327
Finance, insurance, and real estate	78,746	73,865	81,643	93,423	98,277	99,783	132,644	147,821	159,445	179,956	196,914	209,265
Banking and credit agencies	33,259	31,847	35,519	45,099	46,030	43,060	42,428*	(D)	47,860*	59,318*	63,123*	66,346*
Other finance, insurance, and real estate[9]	45,487	42,018	46,124	48,324	52,247	56,723	85,170*	93,504*	106,176*	114,550*	126,208*	135,094*
Services	226,901	249,758	262,674	285,463	311,448	334,464	408,178	455,524	497,827	560,019	637,888	694,403
Hotels and other lodging places	3,536	4,244	4,583	4,366	4,363	5,406	11,291*	11,438*	11,679*	11,038*	(D)	(D)
Personal services	11,003	11,451	13,499	14,206	14,491	14,930	20,369	21,582	25,536	28,045	(D)	(D)
Private households	8,727	9,711	9,761	9,722	9,628	9,601	18,676	20,825	20,972	20,974	19,795*	21,411
Business services	31,143	31,452	32,062	35,283	39,597	40,404	36,255	41,849	50,897	63,202	72,206	81,418
Auto repair, services, and garages	8,705	10,081	10,763	12,049	12,105	12,785	20,508	26,220	33,859	38,443	37,723	28,779
Miscellaneous repair services	4,931	5,242	3,883	4,487	5,090	5,697	(D)	8,057	8,441	8,687	9,740	11,023
Amusement and recreation services	(D)	(D)	(D)	2,270	2,422	2,368	4,320*	4,428*	4,948*	5,902*	9,031	10,289
Motion pictures	(D)	(D)	(D)	493	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	97,670	107,947	111,460	120,066	142,445	154,762	159,026	170,941	180,729	191,658	225,629	248,723
Legal services	16,665	19,258	20,590	24,377	24,063	25,403	26,143	30,774	34,644	38,202	44,474	53,358
Educational services	2,847	3,432	3,622	3,808	4,975	4,403	12,374	13,858	14,876	15,476	17,748	20,241
Social services	5,708	6,188	6,759	8,084	4,868	5,059	14,563	17,089	19,052	20,423	20,206	25,872
Museums, botanical, zoological gardens	0	0	0	0	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,096	8,855	8,655	9,120	10,170	11,007	23,022*	26,154	27,728	29,100	32,315	34,635
Miscellaneous services	25,094	28,904	34,072	37,132	36,662	42,046	52,027	60,620	62,785	87,176	102,072	108,034*
Government and government enterprises	154,942	164,390	174,884	176,794	181,475	191,268	654,798	701,193	772,532	805,804	855,371	893,200
Federal, civilian	13,478	14,570	16,315	15,979	16,877	18,481	149,566	158,583	168,735	166,707	181,702	192,208
Military	3,394	3,531	4,012	4,249	4,656	4,937	142,747	152,018	160,041	164,811	175,575	179,644
State and local	138,070	146,289	154,557	156,566	159,942	167,850	362,485	390,592	443,756	474,286	498,094	521,348

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Muncie, IN (MSA)						Muskegon, MI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,259,807**	**1,360,853**	**1,411,746**	**1,488,348**	**1,556,353**	**1,659,578**	**1,569,709**	**1,733,977**	**1,819,998**	**1,908,341**	**2,023,233**	**2,133,529**
Nonfarm personal income	1,261,384	1,350,297	1,404,819	1,478,385	1,546,226	1,654,680	1,560,831	1,723,504	1,808,375	1,896,387	2,010,755	2,121,693
Farm income[1]	−1,577	10,556	6,927	9,963	10,127	4,898	8,878	10,473	11,623	11,954	12,478	11,836
Population (thousands)[2]	124.4	123.6	122.2	120.4	120.6	120.1	154.6	155.5	156.9	158.5	159.8	161.3
Per capita personal income (dollars)	**10,129**	**11,006**	**11,555**	**12,364**	**12,910**	**13,819**	**10,152**	**11,154**	**11,602**	**12,043**	**12,665**	**13,226**
Derivation of total personal income:												
Total earnings by place of work	889,441	976,555	1,010,645	1,072,621	1,134,945	1,200,643	1,114,160	1,246,132	1,322,154	1,370,243	1,408,008	1,471,553
Less: Personal contributions for social insurance[3]	48,140	52,883	58,059	61,817	65,071	72,767	68,945	78,190	87,326	88,372	91,047	100,157
Plus: Adjustment for residence	839	4,834	8,104	2,664	−5,133	965	−24,759	−19,638	−27,319	−24,935	−6,342	−1,997
Equals: Net earnings by place of residence	842,140	928,506	960,690	1,013,468	1,064,741	1,128,841	1,020,456	1,148,304	1,207,509	1,256,936	1,310,619	1,369,399
Plus: Dividends, interest, and rent[4]	211,227	220,255	231,706	236,910	244,249	266,883	203,095	235,798	243,629	255,027	294,982	323,275
Plus: Transfer payments	206,440	212,092	219,350	237,970	247,363	263,854	346,158	349,875	368,860	396,378	417,632	440,855
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	734,401	795,770	829,409	878,722	929,220	988,724	920,884	1,030,003	1,096,232	1,136,112	1,159,489	1,211,820
Other labor income	90,641	95,608	93,118	99,054	103,465	107,835	112,788	121,693	121,901	125,794	125,970	130,459
Proprietors' income[5]	64,399	85,177	88,118	94,845	102,260	104,084	80,488	94,436	104,021	108,337	122,549	129,274
Farm	−3,284	8,865	5,309	8,409	8,557	3,385	5,759	7,417	8,556	8,910	9,253	8,573
Nonfarm	67,683	76,312	82,809	86,436	93,703	100,699	74,729	87,019	95,465	99,427	113,296	120,701
Earnings by industry:												
Farm	−1,577	10,556	6,927	9,963	10,127	4,898	8,878	10,473	11,623	11,954	12,478	11,836
Nonfarm	891,018	965,999	1,003,718	1,062,658	1,124,818	1,195,745	1,105,282	1,235,659	1,310,531	1,358,289	1,395,530	1,459,717
Private	743,441	811,340	840,794	887,731	938,274	997,000	960,468	1,084,426	1,143,783	1,184,091	1,207,539	1,258,663
Agricultural services, forestry, fisheries, and other[7]	2,651	2,817	3,506	3,652	4,671	4,964	1,697	1,730	1,784	1,621	2,403	2,622
Agricultural services	2,607	2,787	3,486	3,646	4,662	4,956	1,425	1,459	1,590	1,533	2,273	2,473
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	272	271	194	88	130	149
Mining	1,939	1,924	2,670	2,033	2,129	2,208	5,403	5,571	6,100	4,440	4,372	4,215
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	681	657	3,396	3,652	4,327	2,645	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	1,424	1,528	2,007	1,919	1,773	1,795	(D)	(D)
Construction	31,487	36,114	39,551	46,026	55,257	57,141	51,697	51,997	66,863	69,840	71,222	81,315
Manufacturing	324,003	364,218	362,801	372,763	377,596	398,806	476,889	556,247	568,813	578,224	569,462	580,342
Nondurable goods	35,330	36,300	38,905	39,683	42,883	44,351	74,462	78,550	82,952	90,562	88,722	98,215
Food and kindred products	11,111	11,783	13,154	12,659	13,027	11,923	1,977	2,813	2,665	3,016	3,410	3,853
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	0	(D)	(D)	(D)	106	141	(D)	(D)	(D)	(D)	646	(D)
Paper and allied products	8,395	7,616	7,842	8,096	8,949	9,877	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	14,685	15,519	16,226	16,917	18,731	19,060	6,687	7,127	8,666	9,416	9,855	12,383
Chemicals and allied products	(D)	220	269	285	(D)	(D)	16,186	18,376	18,415	22,984	20,513	21,781
Petroleum and coal products	0	(D)	0	0	0	0	4,093	1,571	1,290	1,431	1,432	1,635
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	894	1,050	1,311	1,632	1,764	3,075	2,953	3,594	4,037	4,244	4,834	4,152
Leather and leather products	288,673	327,918	323,896	333,080	334,713	354,455	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	(D)	(D)	(D)	(D)	(D)	2,641	402,427	477,697	485,861	487,662	480,740	482,127
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	676	1,217	1,626	1,723	2,139	3,389
Furniture and fixtures	23,019	26,146	21,550	19,329	20,221	22,964	23,008	28,831	29,714	30,016	35,600	35,546
Primary metal industries	39,182	44,676	44,346	48,750	49,395	56,012	62,879	79,273	72,482	63,944	53,549	58,135
Fabricated metal products	22,163	27,249	30,475	26,463	28,793	31,598	23,441	24,432	24,913	27,902	28,000	34,511
Machinery, except electrical	43,260	41,871	41,749	40,312	43,790	52,632	187,033	212,970	211,758	193,561	186,229	181,403
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,088	4,871	5,369	9,686	8,781	5,788
Transportation equip. excl. motor vehicles	142,063	168,679	163,999	172,930	165,610	160,312	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	26,644	13,623	14,282	15,791	17,803	14,456	16,255
Stone, clay, and glass products	0	0	0	0	0	0	1,006	837	(D)	836	1,573	1,680
Instruments and related products	298	(D)	417	453	684	792	276	357	355	(D)	(D)	(D)
Miscellaneous manufacturing industries	49,657	52,402	57,211	60,493	61,988	63,574	(D)	(D)	(D)	(D)	26,994	28,161
Transportation and public utilities	6,552	6,346	5,150	4,789	4,594	4,676	74,914	77,504	79,087	76,058	81,975	83,143
Railroad transportation	16,107	20,329	24,515	27,228	30,053	30,056	2,342	2,070	1,700	1,600	1,650	1,031
Trucking and warehousing	0	0	0	0	0	0	15,297	18,287	17,528	17,529	19,080	18,348
Water transportation	(D)	4,471	5,097	5,883	5,785	6,354	(D)	1,248	1,261	1,686	1,299	1,419
Other transportation[8]	(D)	9,953	10,121	10,249	9,214	8,692	(D)	(D)	(D)	(D)	3,025	3,718
Communication	11,422	11,303	12,328	12,344	12,342	13,796	(D)	(D)	(D)	(D)	39,703	41,006
Electric, gas, and sanitary services	32,807	34,271	36,194	38,219	41,676	45,256	(D)	19,584	19,582	18,613	17,218	17,621
Wholesale trade	106,616	110,001	114,088	122,366	132,485	137,679	36,053	43,975	48,871	51,574	50,637	51,776
Retail trade	25,047	26,566	27,676	29,003	33,261	35,270	106,939	117,126	121,442	129,170	135,781	147,837
Finance, insurance, and real estate	15,321	16,431	17,378	18,276	18,431	19,585	23,985	24,137	25,439	27,708	29,929	31,310
Banking and credit agencies	9,726	10,135	10,298	10,727	14,830	15,685	13,188	13,226	13,744	14,348	14,890	15,601
Other finance, insurance, and real estate[9]	169,234	183,027	197,097	213,176	229,211	252,102	10,797	10,911	11,695	13,360	15,039	15,709
Services	1,895	2,167	1,971	1,961	2,923	3,222	182,891	206,139	225,384	245,456	261,758	276,103
Hotels and other lodging places	13,181	14,056	16,250	17,523	19,495	21,504	3,029	3,325	2,924	2,604	3,459	3,472
Personal services	2,599	2,878	2,880	2,866	2,887	2,920	8,343	8,714	11,434	12,935	13,372	14,318
Private households	17,114	19,814	21,747	25,375	27,081	30,743	3,038	3,356	3,363	3,363	3,395	3,430
Business services	9,374	10,031	11,640	12,300	12,890	14,383	17,107	24,499	29,392	33,163	30,149	30,609
Auto repair, services, and garages	2,801	2,988	2,430	2,669	2,709	3,221	8,420	9,646	10,801	11,882	12,234	13,468
Miscellaneous repair services	1,925	2,466	2,753	3,614	3,419	3,768	3,469	4,684	5,830	4,544	4,627	5,474
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	2,826	3,112	4,019	4,659	4,852	4,947
Motion pictures	86,783	91,353	96,443	100,192	107,286	116,442	(D)	(D)	(D)	(D)	(D)	(D)
Health services	6,011	7,162	8,652	9,767	10,310	11,038	91,618	98,532	103,535	110,975	122,749	127,944
Legal services	1,164	1,270	1,300	1,303	1,541	1,658	12,558	13,883	13,766	15,346	15,718	17,368
Educational services	6,029	6,301	7,065	7,772	8,386	8,571	3,745	4,050	4,450	4,837	5,059	5,422
Social services	(D)	(D)	(D)	(D)	(D)	(D)	3,822	4,774	5,386	6,690	7,611	7,580
Museums, botanical, zoological gardens	8,304	8,636	8,635	8,954	9,286	9,877	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,638	13,398	14,795	18,329	20,529	24,334	12,333	12,648	13,020	12,959	13,794	14,407
Miscellaneous services	147,577	154,659	162,924	174,927	186,544	198,745	11,705	13,996	16,345	20,448	23,581	26,499
Government and government enterprises	10,780	11,571	12,277	12,546	13,403	14,468	144,814	151,233	166,748	174,198	187,991	201,054
Federal, civilian	3,480	3,267	3,623	4,147	4,267	4,520	10,066	10,457	11,356	11,353	12,039	13,190
Military	133,317	139,821	147,024	158,234	168,874	179,757	2,925	3,006	3,129	3,348	3,874	3,905
State and local							131,823	137,770	152,263	159,497	172,078	183,959

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Naples, FL (MSA)						Nashville, TN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,600,048**	**1,787,926**	**2,028,195**	**2,281,626**	**2,659,871**	**2,991,543**	**9,951,790**	**11,092,052**	**12,187,266**	**13,414,455**	**14,722,557**	**15,799,467**
Nonfarm personal income	1,533,089	1,729,448	1,973,656	2,223,093	2,594,186	2,922,676	9,916,890	10,989,639	12,116,981	13,360,802	14,650,798	15,712,105
Farm income[1]	66,959	58,478	54,539	58,533	65,685	68,867	34,900	102,413	70,285	53,653	71,759	87,362
Population (thousands)[2]	105.3	111.4	117.1	123.6	130.7	138.5	878.9	895.1	911.0	932.4	957.7	971.8
Per capita personal income (dollars)	**15,190**	**16,043**	**17,318**	**18,465**	**20,344**	**21,595**	**11,323**	**12,392**	**13,378**	**14,388**	**15,372**	**16,258**
Derivation of total personal income:												
Total earnings by place of work	745,223	833,823	938,397	1,064,801	1,257,631	1,445,730	7,909,056	8,923,253	9,873,842	10,856,814	11,953,104	12,745,873
Less: Personal contributions for social insurance[3]	37,890	43,931	52,975	60,882	72,013	87,285	466,694	522,429	609,907	670,467	729,021	808,978
Plus: Adjustment for residence	−11,013	−14,279	−22,486	−24,975	−26,959	−38,333	−148,478	−204,368	−227,624	−246,769	−289,651	−256,669
Equals: Net earnings by place of residence	696,320	775,613	862,936	978,944	1,158,659	1,320,112	7,293,884	8,196,456	9,036,311	9,939,578	10,934,432	11,680,226
Plus: Dividends, interest, and rent[5]	683,187	774,148	898,823	1,009,112	1,178,119	1,316,437	1,344,712	1,538,301	1,680,254	1,818,922	2,025,080	2,217,314
Plus: Transfer payments	220,541	238,165	266,436	293,570	323,093	354,994	1,313,194	1,357,295	1,470,701	1,655,955	1,763,045	1,901,927
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	531,138	606,474	687,258	783,549	935,636	1,092,340	6,488,880	7,266,774	8,086,997	8,871,423	9,727,540	10,371,467
Other labor income	47,601	53,336	58,659	68,023	81,152	94,589	656,679	707,390	750,712	832,857	918,135	961,930
Proprietors' income[6]	166,484	174,013	192,480	213,229	240,843	258,801	763,497	949,089	1,036,133	1,152,534	1,307,429	1,412,476
Farm	57,506	49,229	45,266	49,213	55,738	58,749	21,977	89,738	57,709	41,064	58,444	73,929
Nonfarm	108,978	124,784	147,214	164,016	185,105	200,052	741,520	859,351	978,424	1,111,470	1,248,985	1,338,547
Earnings by industry:												
Farm	66,959	58,478	54,539	58,533	65,685	68,867	34,900	102,413	70,285	53,653	71,759	87,362
Nonfarm	678,264	775,345	883,858	1,006,268	1,191,946	1,376,863	7,874,156	8,820,840	9,803,557	10,803,161	11,881,345	12,658,511
Private	606,258	695,318	792,185	903,548	1,074,127	1,240,658	6,848,763	7,742,273	8,607,741	9,525,874	10,494,095	11,117,632
Agricultural services, forestry, fisheries, and other[7]	22,576	23,625	22,470	25,453	32,106	45,406	28,609	30,201	32,216	34,216	46,705*	51,471*
Agricultural services	21,265	22,886	20,874	23,512	30,546	43,605	25,499*	27,203*	31,063	32,786	45,637*	50,410*
Forestry, fisheries, and other[7]	1,311	739	1,596	1,941	1,560	1,801	1,097*	781*	1,153	1,430	1,115	1,266
Mining	11,651	13,018	22,201	7,803	7,075	9,487	32,638	30,498	40,674	23,329	23,511*	30,377*
Coal mining	(D)	(D)	(D)	(D)	(L)	(L)	(D)	1,371	1,366	1,278	884*	929*
Oil and gas extraction	11,265	12,673	21,790	7,486	6,880	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	(D)	0	0	0	(D)	−746	−383	−62	3,203*	2,517*
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	192	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	95,426	117,679	139,557	150,926	167,382	205,215	536,964	655,437	753,353	879,733	939,998	923,610
Manufacturing	25,791	32,368	37,311	37,036	46,375	51,074	1,752,024	1,977,466	2,146,186	2,267,859	2,401,547	2,479,689
Nondurable goods	7,831	9,275	11,364	13,421	18,003	19,784	756,866*	809,445*	811,619*	839,317*	884,009*	953,568
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	168,424*	169,007*	174,513*	189,474*	191,539*	204,320*
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	27,782*	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	115	237	181	(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	6,613	7,886	9,489	11,293	13,833	14,792	(D)	(D)	(D)	(D)	241,505*	265,183*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	110,433*	107,102*	105,041*	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	(D)	(D)	1,216	1,342	2,602	7,191*
Tobacco manufactures	0	0	0	0	0	0	(D)	(D)	(D)	2,401	(D)	(D)
Rubber and misc. plastic products	708	894	1,084	1,413	3,207	4,420	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	17,960	23,093	25,947	23,615	28,372	31,290	957,954*	1,128,027*	1,294,852*	1,389,611*	1,477,615*	1,526,121
Lumber and wood products	1,027	1,053	1,148	1,324	1,375	1,770	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	826	972	1,028	974	1,057	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,219	23,694*	(D)	32,278*	37,031*
Fabricated metal products	2,246	3,695	3,798	4,925	5,181	6,423	124,199*	144,094*	147,855*	165,732*	169,094*	181,621*
Machinery, except electrical	6,836	8,803	9,809	5,553	6,956	7,271	89,035*	102,561*	149,013*	144,102*	154,235*	189,419
Electric and electronic equipment	(D)	(D)	(D)	(D)	1,152	805	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	524	531	691	1,078	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,036	7,391	7,841	7,858	9,227	9,248	99,893*	120,305*	133,582*	146,125*	154,257*	172,760*
Instruments and related products	306	(D)	155	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	467	535	748	920	(D)	946	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	30,810	36,311	39,142	49,602	55,803	61,032	631,976	703,355	740,880	785,061	887,782	905,466
Railroad transportation	0	0	0	151	261	168	55,208	57,009	52,482	47,721	43,821	46,080
Trucking and warehousing	5,913	(D)	(D)	(D)	11,547	14,652	282,720	320,430*	338,880*	365,701*	400,988	384,517
Water transportation	828	1,546	1,666	2,303	3,258	3,506	7,620*	8,904*	(D)	(D)	(D)	13,305*
Other transportation[8]	(D)	(D)	(D)	(D)	15,422	16,451	(D)	(D)	(D)	(D)	(D)	(D)
Communication	12,874	13,166	12,768	13,700	17,585	18,027	196,765*	207,560*	223,310*	222,695*	264,171*	266,591*
Electric, gas, and sanitary services	(D)	5,719	7,432	11,765	7,730	8,228	(D)	(D)	(D)	51,851	62,320*	66,040*
Wholesale trade	24,448	28,401	33,135	39,096	48,186	54,349	593,806	665,173	731,008	800,789	891,781	960,003
Retail trade	116,671	124,339	141,594	162,647	184,495	212,046	910,486	1,011,041	1,124,548	1,214,718	1,321,686	1,415,380
Finance, insurance, and real estate	60,626	64,054	62,783	68,441	94,903	109,906	536,227	597,866	680,453	789,167	916,525	959,576
Banking and credit agencies	21,744	27,527	28,996	32,992	36,495	41,680	(D)	(D)	(D)	203,296*	247,120*	271,967*
Other finance, insurance, and real estate[9]	38,882	36,527	33,787	35,449	58,408	68,226	(D)	(D)	(D)	579,016*	659,262*	685,228*
Services	218,259	255,523	293,992	362,544	437,802	492,143	1,826,033	2,071,236	2,358,423	2,731,002	3,061,472	3,387,771
Hotels and other lodging places	26,083	28,395	30,775	45,087	63,385	66,641	50,582*	76,251*	91,293*	97,838*	110,120	124,102
Personal services	8,082	8,690	11,822	13,612	15,278	17,831	90,782	97,895	122,341	135,043	144,731	163,426
Private households	7,750	8,826	9,087	9,273	9,551	9,868	42,103	47,003	46,433*	46,493*	48,027	48,705
Business services	28,982	32,378	36,985	45,018	54,773	60,064	259,217	320,712	396,218	500,417	552,734	599,292
Auto repair, services, and garages	6,955	7,752	9,324	9,467	10,339	13,323	71,171	81,880	96,610	106,851	116,070	135,053
Miscellaneous repair services	3,463	4,723	3,927	4,875	5,705	5,297	30,405	35,531	35,506	42,253	46,560	55,115
Amusement and recreation services	13,077	15,817	17,053	21,179	25,890	30,234	88,339*	82,026*	94,601*	113,787*	130,194	146,795
Motion pictures	(D)	(D)	(D)	268	(D)	966	10,520*	12,114*	11,940*	10,829*	(D)	12,649*
Health services	62,430	71,495	82,546	91,474	109,685	124,179	711,928	768,873	863,893	975,994	1,148,590	1,287,519
Legal services	11,666	14,931	16,956	21,351	25,988	29,972	95,245	116,223	124,194	148,770	157,271	173,587
Educational services	(D)	(D)	(D)	2,201	(D)	2,909	132,712	153,161	167,967	182,352	197,146	219,986
Social services	2,092	2,338	4,921	6,629	8,104	10,092	27,988*	32,050	35,203	40,771*	45,335	49,967
Museums, botanical, zoological gardens	0	0	0	0	0	0	1,129*	1,177*	1,782*	2,131*	2,434*	3,052*
Membership organizations	8,246	12,532	14,398	15,855	17,897	21,629	63,912	67,992	70,481	78,356	84,539	91,161
Miscellaneous services	37,549	45,201	53,585	76,255	88,299	99,138	147,604	176,627*	197,327	246,078	265,221	275,911
Government and government enterprises	72,006	80,027	91,673	102,720	117,819	136,205	1,025,393	1,078,567	1,195,816	1,277,287	1,387,250	1,540,879
Federal, civilian	7,243	8,198	9,752	10,260	12,635	14,779	253,115	258,567	287,085	286,959	304,008	352,370
Military	1,040	1,206	1,403	1,527	1,592	1,660	26,131	30,276	32,946	35,650	39,022	39,781
State and local	63,723	70,623	80,518	90,933	103,592	119,766	746,147	789,724	875,785	954,678	1,044,220	1,148,728

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Nassau—Suffolk, NY (PMSA)						New Bedford—Fall River—Attleboro, MA (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**41,974,994**	**46,340,507**	**49,840,926**	**53,481,627**	**58,386,308**	**63,154,953**	**5,516,840**	**6,048,591**	**6,527,933**	**7,115,088**	**7,802,910**	**8,484,225**
Nonfarm personal income	41,910,468	46,261,539	49,763,073	53,397,913	58,293,886	63,068,543	5,499,312	6,027,364	6,508,904	7,089,302	7,783,410	8,461,635
Farm income[1]	64,526	78,968	77,853	83,714	92,422	86,410	17,528	21,227	19,029	25,786	19,500	22,590
Population (thousands)[2]	2,627.3	2,631.4	2,629.6	2,629.2	2,628.3	2,639.0	474.1	476.0	480.5	474.8	477.3	483.0
Per capita personal income (dollars)	**15,977**	**17,610**	**18,954**	**20,341**	**22,215**	**23,932**	**11,635**	**12,706**	**13,586**	**14,984**	**16,347**	**17,566**
Derivation of total personal income:												
Total earnings by place of work	22,326,448	24,970,110	27,535,790	30,159,698	32,998,742	35,455,924	3,184,770	3,522,232	3,823,064	4,144,447	4,493,900	4,927,044
Less: Personal contributions for social insurance[3]	1,386,056	1,565,271	1,808,500	2,067,253	2,258,795	2,530,855	182,248	202,736	230,444	259,307	275,566	315,786
Plus: Adjustment for residence	8,269,821	8,543,494	9,043,214	9,626,780	10,504,638	11,660,163	740,721	821,585	913,551	1,050,360	1,272,254	1,357,433
Equals: Net earnings by place of residence	29,210,213	31,948,333	34,770,504	37,719,225	41,244,585	44,585,232	3,743,243	4,141,081	4,506,171	4,935,500	5,490,588	5,968,691
Plus: Dividends, interest, and rent[5]	7,609,189	8,857,813	9,248,149	9,642,046	10,649,613	11,662,153	729,055	831,900	888,687	946,220	1,020,920	1,128,788
Plus: Transfer payments	5,155,592	5,534,361	5,822,273	6,120,356	6,492,110	6,907,568	1,044,542	1,075,610	1,133,075	1,233,368	1,291,502	1,386,746
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	18,050,481	20,141,911	22,146,632	24,276,674	26,605,187	28,605,176	2,631,442	2,910,985	3,152,157	3,383,750	3,678,031	4,038,336
Other labor income	1,696,768	1,811,234	1,901,238	2,081,363	2,240,559	2,361,572	274,248	292,326	302,944	326,382	349,876	381,429
Proprietors' income[6]	2,579,199	3,016,965	3,487,920	3,801,661	4,152,996	4,489,176	279,080	318,921	367,963	434,315	465,993	507,279
Farm	43,357	58,215	57,379	63,682	71,671	65,845	14,240	17,984	15,904	22,750	16,352	19,475
Nonfarm	2,535,842	2,958,750	3,430,541	3,737,979	4,081,325	4,423,331	264,840	300,937	352,059	411,565	449,641	487,804
Earnings by industry:												
Farm	64,526	78,968	77,853	83,714	92,422	86,410	17,528	21,227	19,029	25,786	19,500	22,590
Nonfarm	22,261,922	24,891,142	27,457,937	30,075,984	32,906,320	35,369,514	3,167,242	3,501,005	3,804,035	4,118,661	4,474,400	4,904,454
Private	18,605,487	20,899,881	23,169,855	25,472,721	27,961,502	29,993,878	2,760,884	3,070,278	3,312,134	3,587,827	3,902,768	4,281,147
Agricultural services, forestry, fisheries, and other[7]	138,447	140,215	156,424	180,527	206,566	232,351	65,427	58,436	70,659	96,592	115,153	119,997
Agricultural services	123,819	130,536	135,021	147,809	180,691	204,346	8,571	9,098	10,330	11,769	17,598	20,836
Forestry, fisheries, and other[7]	14,628	9,679	21,403	32,718	25,875	28,005	56,856	49,338	60,329	84,823	97,555	99,161
Mining	78,961	85,502	114,335	43,347	39,175	40,334	5,334	6,219	8,515	3,262	3,267	3,304
Coal mining	858	1,499	1,095	1,153	561	563	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	71,237	75,243	104,396	31,039	27,827	26,907	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	−89	−321	−186	(L)	1,111	870	0	0	0	0	0	0
Nonmetallic minerals, except fuels	6,955	9,081	9,030	11,180	9,676	11,994	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,310,619	1,532,075	1,803,432	2,126,469	2,370,737	2,548,111	164,525	197,980	233,047	306,852	367,482	412,344
Manufacturing	4,239,530	4,690,023	5,021,584	5,335,313	5,536,521	5,620,059	1,225,300	1,365,170	1,384,245	1,394,318	1,382,617	1,470,310
Nondurable goods	1,052,575	1,146,526	1,214,349	1,288,119	1,416,214	1,548,234	543,872	589,371	580,315	566,470	571,412	601,124
Food and kindred products	125,034	133,517	137,967	142,328	153,161	174,761	51,625	45,891	48,021	(D)	50,490	59,326
Textile mill products	34,128	36,362	36,842	37,114	34,516	36,391	114,257	120,214	117,566	116,522	125,356	127,132
Apparel and other textile products	95,177	93,106	81,451	77,384	82,052	87,281	204,586	226,526	213,966	197,051	191,408	197,464
Paper and allied products	118,856	124,655	125,162	129,492	149,044	159,448	20,842	28,807	33,502	(D)	32,135	31,282
Printing and publishing	392,152	444,451	486,744	535,360	605,496	658,433	37,286	40,802	44,340	47,666	48,975	57,150
Chemicals and allied products	155,776	179,120	193,045	207,787	223,530	255,795	20,450	22,081	22,544	23,033	19,991	38,706
Petroleum and coal products	32,405	32,925	35,525	32,394	31,602	31,954	1,495	1,676	1,952	1,836	1,539	1,438
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	85,260	89,700	105,998	117,459	130,463	137,224	71,529	78,991	77,656	81,759	88,891	76,891
Leather and leather products	13,777	12,690	11,615	8,801	6,350	6,947	21,802	24,383	20,768	15,584	12,627	11,735
Durable goods	3,186,955	3,543,497	3,807,235	4,047,194	4,120,307	4,071,825	681,428	775,799	803,930	827,848	811,205	869,186
Lumber and wood products	28,957	32,859	38,660	42,218	44,327	41,886	8,597	11,254	12,697	12,715	14,315	13,866
Furniture and fixtures	44,481	52,484	61,952	63,940	67,800	72,014	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	46,789	48,706	47,895	50,369	42,339	41,416	60,129	67,824	74,907	81,230	78,211	88,212
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	72,632	78,408	80,926	83,966	93,906	92,215
Machinery, except electrical	290,630	311,648	326,356	340,481	354,514	384,525	75,177	87,045	82,397	88,086	87,978	77,991
Electric and electronic equipment	851,285	980,807	1,076,966	1,157,968	1,187,843	1,215,767	237,542	284,095	308,380	314,906	270,701	310,362
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	14,105	14,948	13,296	13,227	13,696	11,091
Motor vehicles and equipment	7,871	13,651	16,374	21,141	24,990	30,349	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	35,651	43,092	41,368	49,500	58,769	66,798	12,976	15,284	16,792	15,623	16,693	20,382
Instruments and related products	538,763	604,232	634,774	680,018	690,425	684,887	34,696	40,139	42,765	46,519	52,275	59,472
Miscellaneous manufacturing industries	67,111	78,634	75,697	77,526	82,960	84,736	156,957	167,294	163,659	165,298	175,919	185,589
Transportation and public utilities	1,288,971	1,375,329	1,491,242	1,566,410	1,746,013	1,880,798	138,061	145,357	166,812	176,892	189,150	210,084
Railroad transportation	83,893	88,175	94,172	95,595	103,780	101,277	1,875	2,349	2,030	1,893	1,968	1,880
Trucking and warehousing	263,483	304,130	317,841	354,209	389,334	423,958	38,528	47,232	49,090	57,896	61,192	73,141
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	1,485	2,106	3,738	3,820	4,646	5,697
Other transportation[8]	239,878	273,859	295,811	333,678	378,797	434,193	18,711	20,992	21,961	23,472	29,933	35,089
Communication	(D)	(D)	(D)	(D)	(D)	(D)	42,575	35,021	47,719	48,465	47,418	46,677
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	34,887	37,657	42,274	41,346	43,993	47,600
Wholesale trade	1,884,608	2,172,656	2,449,787	2,636,979	2,909,681	3,170,006	166,194	187,297	198,225	224,354	277,931	306,730
Retail trade	2,438,272	2,696,652	2,927,991	3,247,110	3,500,196	3,725,992	359,175	403,107	460,303	507,125	552,909	619,925
Finance, insurance, and real estate	1,366,079	1,541,603	1,692,193	1,993,505	2,337,361	2,585,622	106,077	113,373	122,137	136,599	160,130	180,465
Banking and credit agencies	536,365	627,383	632,850	756,591	846,339	895,081	48,548	51,790	55,246	63,954	72,714	75,598
Other finance, insurance, and real estate[9]	829,714	914,220	1,059,343	1,236,914	1,491,022	1,690,541	57,529	61,583	66,891	72,645	87,416	104,867
Services	5,860,000	6,665,826	7,512,867	8,343,061	9,315,252	10,182,605	530,791	593,339	668,191	741,833	854,129	957,988
Hotels and other lodging places	(D)	(D)	68,243	73,391	81,540	90,736	6,816	7,352	7,819	8,551	10,631	13,071
Personal services	202,485	217,833	263,974	293,770	310,865	342,899	32,037	35,509	48,747	53,172	58,509	67,300
Private households	145,463	161,814	162,163	161,298	161,786	163,413	7,258	8,082	8,118	8,076	8,120	8,219
Business services	1,407,585	1,642,252	1,914,307	2,170,125	2,331,387	2,562,899	53,893	65,176	81,324	96,217	120,631	149,281
Auto repair, services, and garages	231,926	266,243	299,467	318,558	385,062	381,620	29,620	35,163	41,188	46,344	51,932	57,859
Miscellaneous repair services	117,783	134,286	137,997	150,731	161,211	185,585	10,924	13,059	11,663	13,612	14,319	16,836
Amusement and recreation services	191,073	216,316	247,458	270,005	311,398	323,839	13,769	14,486	15,219	18,465	20,068	21,292
Motion pictures	25,508	51,286	55,290	56,402	53,391	69,983	1,194	2,150	2,427	1,853	3,083	3,343
Health services	1,870,441	2,074,034	2,310,318	2,495,303	2,945,852	3,236,479	249,915	262,519	283,374	293,188	335,065	368,846
Legal services	435,362	532,012	601,934	696,342	765,247	867,400	26,554	33,975	38,110	46,766	55,726	63,498
Educational services	254,394	275,036	299,911	315,067	341,161	386,500	19,895	23,242	24,544	25,981	31,289	31,422
Social services	107,951	119,895	136,590	158,535	171,925	203,584	22,352	25,158	30,114	36,846	41,139	45,772
Museums, botanical, zoological gardens	(D)	(D)	2,080	2,454	2,750	3,460	772	857	925	1,067	1,028	1,158
Membership organizations	162,378	171,815	178,641	190,250	211,787	231,917	28,267	32,175	32,869	35,400	37,509	41,836
Miscellaneous services	644,514	737,455	834,494	990,830	1,079,890	1,132,291	27,525	34,436	41,750	56,295	65,080	68,255
Government and government enterprises	3,656,435	3,991,261	4,288,082	4,603,263	4,944,818	5,375,636	406,358	430,727	491,901	530,834	571,632	623,307
Federal, civilian	482,849	524,001	555,991	567,426	611,546	670,341	28,904	31,902	33,701	34,110	36,797	40,506
Military	38,203	40,295	44,089	46,832	49,350	50,320	19,724	19,876	19,348	21,490	19,437	18,914
State and local	3,135,383	3,426,965	3,688,002	3,989,005	4,283,922	4,654,975	357,730	378,949	438,852	475,234	515,398	563,887

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	New Haven—Waterbury—Meriden, CT (NECMA)						New London—Norwich, CT (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**10,532,677**	**11,691,999**	**12,501,433**	**13,480,710**	**14,730,896**	**16,088,174**	**3,329,695**	**3,666,298**	**3,884,327**	**4,038,570**	**4,377,273**	**4,684,431**
Nonfarm personal income	10,515,863	11,672,394	12,480,391	13,455,996	14,704,507	16,058,881	3,307,540	3,629,839	3,854,425	4,000,385	4,339,770	4,647,757
Farm income[1]	16,814	19,605	21,042	24,714	26,389	29,293	22,155	36,459	29,902	38,185	37,503	36,674
Population (thousands)[2]	765.3	769.6	773.2	783.4	789.1	794.4	244.2	245.9	245.5	244.1	245.1	247.6
Per capita personal income (dollars)	**13,762**	**15,192**	**16,167**	**17,207**	**18,669**	**20,251**	**13,637**	**14,907**	**15,825**	**16,544**	**17,862**	**18,917**
Derivation of total personal income:												
Total earnings by place of work	6,818,516	7,665,862	8,292,651	9,010,923	10,013,954	11,042,810	2,620,860	2,881,734	3,046,348	3,044,324	3,298,769	3,479,835
Less: Personal contributions for social insurance[3]	410,318	464,602	525,969	570,629	633,697	729,185	151,142	166,846	184,217	184,031	200,402	221,370
Plus: Adjustment for residence	664,652	739,381	808,490	871,179	923,158	941,642	−84,129	−83,272	−75,655	9,992	21,513	61,839
Equals: Net earnings by place of residence	7,072,850	7,940,641	8,575,172	9,311,473	10,303,415	11,255,267	2,385,589	2,631,616	2,786,476	2,870,285	3,119,880	3,320,304
Plus: Dividends, interest, and rent[5]	1,902,771	2,149,982	2,236,283	2,382,508	2,565,029	2,828,815	515,267	587,044	615,435	653,755	718,284	792,993
Plus: Transfer payments	1,557,056	1,601,376	1,689,978	1,786,729	1,862,452	2,004,092	428,839	447,638	482,416	514,530	539,109	571,134
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,637,961	6,344,591	6,898,976	7,478,713	8,346,522	9,234,522	2,230,534	2,448,172	2,598,705	2,582,388	2,806,246	2,963,288
Other labor income	643,283	693,310	714,940	776,731	856,965	927,660	250,246	260,044	264,314	258,388	279,518	288,084
Proprietors' income[6]	537,272	627,961	678,735	755,479	810,467	880,628	140,080	173,518	183,329	203,548	213,005	228,463
Farm	10,965	13,892	15,377	19,134	20,551	23,465	12,928	27,498	20,813	29,059	27,761	26,772
Nonfarm	526,307	614,069	663,358	736,345	789,916	857,163	127,152	146,020	162,516	174,489	185,244	201,691
Earnings by industry:												
Farm	16,814	19,605	21,042	24,714	26,389	29,293	22,155	36,459	29,902	38,185	37,503	36,674
Nonfarm	6,801,702	7,646,257	8,271,609	8,986,209	9,987,565	11,013,517	2,598,705	2,845,275	3,016,446	3,006,139	3,261,266	3,443,161
Private	6,016,193	6,786,064	7,318,632	7,966,931	8,837,764	9,736,061	2,043,003	2,225,820	2,357,958	2,323,852	2,517,767	2,652,656
Agricultural services, forestry, fisheries, and other[7]	16,848	16,984	20,123	22,461	31,580	39,604	5,962	5,486	7,250	8,247	11,919	14,311
Agricultural services	15,783	16,312	19,136	21,243	30,469	38,395	4,903	5,175	5,642	6,250	10,021	12,203
Forestry, fisheries, and other[7]	1,065	672	987	1,218	1,111	1,209	1,059	311	1,608	1,997	1,898	2,108
Mining	25,845	29,692	38,894	20,614	22,033	22,816	5,810	6,629	9,191	3,512	3,945	4,267
Coal mining	273	230	287	302	144	147	74	62	77	81	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	4,842	5,485	7,870	2,012	2,017	1,965
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	894	1,082	1,244	1,419	1,889	2,263
Construction	422,567	485,998	558,224	673,852	776,077	864,420	311,861	352,685	303,952	171,244	182,326	218,260
Manufacturing	1,833,698	2,117,654	2,173,857	2,193,104	2,281,258	2,430,138	953,525	1,002,541	1,068,113	1,079,060	1,103,640	1,054,683
Nondurable goods	487,382	546,135	577,657	617,668	664,248	708,645	204,148	217,847	237,860	251,683	264,750	270,498
Food and kindred products	58,395	65,578	70,050	64,312	72,978	75,806	6,514	7,275	7,503	8,307	8,016	8,096
Textile mill products	8,606	10,031	10,478	12,271	12,780	11,568	10,046	10,008	9,876	9,322	8,996	9,331
Apparel and other textile products	39,458	45,369	44,967	44,722	45,912	52,001	8,132	9,443	9,906	10,893	8,057	3,511
Paper and allied products	39,356	42,409	44,675	47,581	44,528	42,679	27,149	29,185	29,043	30,629	29,289	30,364
Printing and publishing	102,553	114,757	126,763	141,086	154,179	160,133	22,399	25,019	27,875	32,250	35,754	39,709
Chemicals and allied products	130,768	145,886	154,156	186,131	215,080	250,763	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	875	(D)	1,675	4,985	6,300	7,730	0	0	0	0	(D)	0
Tobacco manufactures	(D)	(D)	668	454	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	104,214	117,177	122,663	114,494	110,369	106,344	5,836	6,409	9,062	9,765	13,184	8,890
Leather and leather products	(D)	2,464	1,562	1,632	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,346,316	1,571,519	1,596,200	1,575,436	1,617,010	1,721,493	749,377	784,694	830,253	827,377	838,890	784,185
Lumber and wood products	10,103	12,770	14,987	17,045	20,217	23,019	1,733	2,063	2,132	2,328	2,617	4,902
Furniture and fixtures	10,016	8,223	8,208	8,456	9,907	11,142	(D)	(D)	10,597	11,115	11,093	9,094
Primary metal industries	(D)	(D)	(D)	178,286	190,762	198,900	34,892	38,443	33,507	35,923	40,817	40,357
Fabricated metal products	350,760	380,743	381,758	373,869	386,465	411,904	79,249	88,874	42,961	31,911	29,140	30,358
Machinery, except electrical	173,859	191,671	209,856	193,497	187,436	195,508	43,161	46,775	(D)	(D)	(D)	(D)
Electric and electronic equipment	214,965	294,856	339,385	319,954	331,702	350,157	14,250	18,613	20,151	22,144	22,821	22,707
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	165,548	161,117	153,314	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	11,643	37,698	37,167	38,442	43,916	59,078	0	0	0	0	0	0
Stone, clay, and glass products	23,166	23,925	26,785	27,775	32,958	41,730	4,758	4,309	4,591	5,967	6,778	8,224
Instruments and related products	133,747	145,325	151,131	159,215	155,278	170,501	9,706	9,155	10,582	11,731	19,535	20,381
Miscellaneous manufacturing industries	104,199	120,136	106,772	93,349	97,252	106,240	3,063	(D)	(D)	(D)	(D)	2,601
Transportation and public utilities	623,390	672,268	714,857	758,922	810,739	791,838	111,606	126,082	151,110	150,454	166,640	173,389
Railroad transportation	(D)	(D)	(D)	21,596	21,826	19,685	2,419	(D)	(D)	(D)	2,032	(D)
Trucking and warehousing	97,893	110,397	117,240	124,720	139,232	145,003	17,775	19,456	21,301	19,314	23,430	28,166
Water transportation	10,685	13,425	14,634	14,954	22,974	16,064	4,755	5,208	7,027	7,433	9,855	11,856
Other transportation[8]	(D)	(D)	(D)	64,139	69,898	80,291	(D)	(D)	(D)	(D)	15,929	(D)
Communication	330,028	351,993	379,727	408,043	421,850	387,697	(D)	27,085	27,419	29,068	32,711	32,045
Electric, gas, and sanitary services	105,765	114,019	121,030	125,470	134,959	143,098	50,189	58,956	77,757	76,542	82,683	83,407
Wholesale trade	461,620	522,672	570,303	625,175	705,939	861,793	63,010	67,355	74,281	75,538	87,868	96,139
Retail trade	662,406	722,174	782,445	893,853	1,019,096	1,128,458	209,669	231,850	257,778	281,868	310,313	341,042
Finance, insurance, and real estate	349,820	383,054	414,771	485,338	578,058	675,335	41,824	46,642	51,216	61,118	83,986	93,226
Banking and credit agencies	141,122	157,653	165,204	186,741	211,687	224,456	22,700	25,344	28,744	34,249	41,090	44,848
Other finance, insurance, and real estate[9]	208,698	225,401	249,567	298,597	366,371	450,879	19,124	21,298	22,472	26,869	42,896	48,378
Services	1,619,999	1,835,568	2,045,158	2,293,612	2,612,984	2,921,659	339,736	386,550	435,067	492,811	567,130	657,339
Hotels and other lodging places	16,111	16,951	19,738	23,787	28,224	30,654	8,396	10,860	12,081	15,562	20,414	23,653
Personal services	70,446	(D)	(D)	(D)	(D)	(D)	15,499	17,090	21,396	22,503	24,545	27,187
Private households	17,871	19,867	19,987	19,945	20,096	20,360	7,684	8,544	8,597	8,578	8,642	8,756
Business services	230,148	261,468	293,893	347,711	404,103	451,021	54,525	67,758	73,264	83,082	94,299	97,429
Auto repair, services, and garages	59,636	68,887	79,118	89,043	97,198	106,828	10,534	12,109	13,441	14,610	16,837	18,974
Miscellaneous repair services	20,612	24,094	28,362	35,688	38,522	50,917	5,012	5,353	5,435	6,440	6,083	8,405
Amusement and recreation services	24,434	25,795	25,883	30,946	34,923	36,161	4,049	4,370	5,580	7,000	6,919	6,374
Motion pictures	4,604	5,391	6,305	5,667	4,952	6,155	608	635	613	537	351	346
Health services	623,734	687,778	754,578	819,120	971,704	1,101,214	120,720	133,435	145,973	156,512	183,007	213,441
Legal services	97,648	114,542	131,825	154,704	176,772	204,346	18,223	22,678	26,364	31,028	35,639	39,609
Educational services	247,636	(D)	(D)	(D)	(D)	(D)	22,050	24,028	27,289	29,942	32,332	35,220
Social services	40,986	49,074	54,984	62,791	77,605	92,734	9,560	10,271	12,158	14,810	18,168	23,227
Museums, botanical, zoological gardens	261	258	270	327	496	613	5,133	5,589	6,056	6,564	7,085	7,812
Membership organizations	62,374	68,094	74,527	80,889	89,304	98,220	13,787	14,950	15,899	17,990	20,642	23,045
Miscellaneous services	103,498	130,256	151,683	199,417	229,008	263,499	43,956	48,880	60,921	77,653	92,167	123,861
Government and government enterprises	785,509	860,193	952,977	1,019,278	1,149,801	1,277,456	555,702	619,455	658,488	682,287	743,499	790,505
Federal, civilian	142,175	156,186	164,021	170,684	188,372	204,741	104,385	116,568	119,037	119,773	132,660	140,464
Military	14,999	17,574	18,748	19,896	20,809	21,373	246,283	273,489	284,586	288,024	297,291	298,777
State and local	628,335	686,433	770,208	828,698	940,620	1,051,342	205,034	229,398	254,865	274,490	313,548	351,264

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	New Orleans, LA (MSA)						New York, NY (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**15,628,628**	**16,428,255**	**16,980,669**	**17,178,141**	**17,433,551**	**18,341,635**	**121,510,713**	**133,874,350**	**142,329,544**	**151,060,328**	**162,018,031**	**174,735,572**
Nonfarm personal income	15,612,342	16,413,528	16,962,828	17,154,166	17,413,000	18,311,570	121,501,251	133,864,211	142,318,206	151,047,403	162,004,841	174,722,593
Farm income[1]	16,286	14,727	17,841	23,975	20,551	30,065	9,462	10,139	11,338	12,925	13,190	12,979
Population (thousands)[2]	1,320.0	1,324.2	1,329.8	1,332.1	1,317.7	1,306.9	8,375.8	8,436.9	8,472.2	8,533.6	8,556.8	8,567.0
Per capita personal income (dollars)	**11,840**	**12,406**	**12,769**	**12,896**	**13,231**	**14,034**	**14,507**	**15,868**	**16,800**	**17,702**	**18,935**	**20,396**
Derivation of total personal income:												
Total earnings by place of work	12,280,627	12,872,936	13,017,263	12,975,652	13,044,508	13,677,671	103,567,486	112,782,104	121,939,318	132,405,249	143,969,276	156,328,403
Less: Personal contributions for social insurance[3]	662,576	704,763	747,796	803,970	800,488	878,391	6,713,585	7,356,364	8,307,600	9,395,153	10,147,587	11,499,823
Plus: Adjustment for residence	−354,127	−381,433	−356,158	−378,993	−373,065	−368,831	−20,877,018	−22,132,897	−24,094,918	−26,117,444	−28,323,117	−31,334,780
Equals: Net earnings by place of residence	11,263,924	11,786,740	11,913,309	11,792,689	11,870,955	12,430,449	75,976,883	83,292,843	89,536,800	96,892,652	105,498,572	113,493,800
Plus: Dividends, interest, and rent[5]	2,211,990	2,426,933	2,618,493	2,687,102	2,780,083	2,983,652	22,955,008	26,386,991	27,474,050	27,789,679	28,974,348	31,736,300
Plus: Transfer payments	2,152,714	2,214,582	2,448,867	2,698,350	2,782,513	2,927,534	22,578,822	24,194,516	25,318,694	26,377,997	27,545,111	29,505,472
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,147,520	10,651,718	10,709,295	10,573,576	10,603,772	11,120,505	86,749,961	94,360,520	101,789,689	110,717,039	120,406,200	131,175,391
Other labor income	1,106,293	1,091,502	1,056,368	1,057,230	1,067,075	1,117,704	8,287,964	8,569,611	8,753,443	9,320,433	9,796,946	10,532,790
Proprietors' income[6]	1,026,814	1,129,716	1,251,600	1,344,846	1,373,661	1,439,462	8,529,561	9,851,973	11,396,186	12,367,777	13,766,130	14,620,222
Farm	12,480	11,042	14,254	20,464	16,905	26,444	6,106	6,826	8,149	9,877	10,126	10,022
Nonfarm	1,014,334	1,118,674	1,237,346	1,324,382	1,356,756	1,413,018	8,523,455	9,845,147	11,388,037	12,357,900	13,756,004	14,610,200
Earnings by industry:												
Farm	16,286	14,727	17,841	23,975	20,551	30,065	9,462	10,139	11,338	12,925	13,190	12,979
Nonfarm	12,264,341	12,858,209	12,999,422	12,951,677	13,023,957	13,647,606	103,558,024	112,771,965	121,927,980	132,392,324	143,956,086	156,315,424
Private	10,594,238	11,100,474	11,169,212	11,105,601	11,141,387	11,704,897	90,184,165	98,201,386	106,409,578	115,346,617	125,508,917	136,330,837
Agricultural services, forestry, fisheries, and other[7]	34,420	27,894*	42,216*	56,213	50,386	52,001*	246,081	259,706	269,391*	286,593*	353,465	391,197
Agricultural services	18,397	18,228*	19,936*	21,302	23,575	(D)	116,387	121,174	128,103*	136,001*	177,074	204,020
Forestry, fisheries, and other[7]	16,023	9,671	22,289	34,911	26,811	(D)	129,694	138,532	148,615	158,344	176,391	187,177
Mining	791,273	847,376*	899,460*	744,508	690,516	733,653*	359,784	353,454	442,976*	207,804*	205,707	220,213
Coal mining	(L)	94	104	(D)	(D)	(L)	(D)	(D)	(D)	(D)	1,413*	1,419*
Oil and gas extraction	(D)	(D)	863,422*	703,505	641,333*	(D)	308,741*	306,085*	398,337*	171,105*	155,391*	172,678*
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	32,472*	20,930	16,733	17,339	28,780	26,551
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,068,870	1,023,839	842,980	789,082	708,662	736,115	3,741,769	4,261,816	4,985,462	5,853,393	6,343,644	6,746,713
Manufacturing	1,442,824	1,447,456	1,433,335	1,392,655	1,368,918	1,454,129	13,669,078	14,253,901	14,505,706	14,488,847	14,719,355	15,989,679
Nondurable goods	739,416	754,820	757,186	769,162	752,827	773,375	9,433,702	9,791,347	10,004,813	9,970,383	10,264,085	11,131,718
Food and kindred products	152,005*	164,261	151,695	(D)	(D)	(D)	1,052,178*	1,103,956*	1,183,807*	1,154,319*	1,162,545*	1,231,850*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	362,475*	387,995*	403,668*	397,272*	401,709*	386,399*
Apparel and other textile products	22,515*	24,957*	(D)	23,501*	24,374*	26,518*	2,151,244	2,247,048*	2,230,830*	2,221,141*	2,269,320*	2,395,405*
Paper and allied products	22,804*	27,197*	28,101	30,520	22,472	24,873	400,994*	457,727	410,990	366,989*	381,202	378,360
Printing and publishing	82,994*	84,139*	95,161*	96,823*	101,961*	101,511*	3,040,632	3,250,354	3,443,890	3,591,339	3,924,581	4,408,914
Chemicals and allied products	183,050	191,176	190,438	(D)	(D)	225,948	1,111,607*	1,181,686*	1,227,532*	1,271,559*	1,297,309*	1,465,021*
Petroleum and coal products	248,395*	249,959	253,938	258,410	252,928*	218,885	813,334	674,762*	622,370*	481,712	365,623	382,522
Tobacco manufactures	76	103	(L)	73	95	(L)	131,772	130,281	131,003	111,853	77,332	94,955
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	140,966*	143,167*	155,667*	168,013*	185,791*	178,938*
Leather and leather products	(D)	0	(D)	(D)	(D)	0	179,260*	168,845*	148,799*	145,139*	142,264*	148,412*
Durable goods	703,408	692,636	676,149	623,493	616,091	680,754	4,235,376	4,462,554	4,500,893	4,518,464	4,455,270	4,857,961
Lumber and wood products	(D)	(D)	(D)	11,336*	10,451*	10,287*	81,781*	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	2,693*	2,468*	3,302*	3,170	(D)	173,053*	184,434*	185,046*	200,377*	212,091*	218,259
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	95,178	89,491*	89,425*	73,770*	68,315*	68,802*	510,209	530,646	534,125	539,044	547,680	560,146
Machinery, except electrical	62,660*	62,163*	61,217*	53,732*	63,291*	69,854*	1,084,820	1,112,368	1,167,161	1,163,525	1,074,908	1,275,975
Electric and electronic equipment	19,743	20,087*	20,212*	17,456	12,346*	11,883	878,719	946,430	887,720	908,884	927,789*	987,668*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	121,279*	119,286*	(D)	112,895*	119,088*	100,663*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	67,821*	75,943*	54,824*	42,986*	36,379*	37,045*	117,540*	124,802*	135,488*	131,519*	(D)	(D)
Instruments and related products	6,820	5,963*	5,198*	4,836*	(D)	(D)	285,588*	296,738*	298,267*	282,438*	274,669*	306,131*
Miscellaneous manufacturing industries	13,508*	18,033	15,581	14,848	15,077*	15,982*	675,587	736,481	715,338	715,405*	727,027*	765,796*
Transportation and public utilities	1,451,132	1,443,699	1,422,347	1,387,335	1,383,046	1,439,098	9,230,043	9,895,050	10,129,334	10,048,422	10,364,392	10,757,131
Railroad transportation	90,113*	84,312*	74,289	67,551	61,788	56,983	277,947	288,983	302,894	300,547	313,315	297,128
Trucking and warehousing	215,601	227,150	225,551	240,457	257,457	268,358	(D)	(D)	746,428*	833,205	913,361	933,184*
Water transportation	453,536	418,214	408,540	371,553	334,460*	366,284	583,129	497,525	478,037*	433,552*	378,738	344,644
Other transportation[8]	(D)	226,007*	211,834*	214,673*	206,813*	209,588*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	251,113*	252,162*	234,655*	243,839*	240,106*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	198,026*	215,402*	221,937*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	920,272	957,116	970,974	939,027	917,543	983,392	8,594,134	9,346,169	9,930,760	10,201,738	10,785,210	11,760,051
Retail trade	1,263,239	1,370,029	1,367,339	1,388,422	1,387,494	1,415,551	6,732,321	7,264,770	7,760,367	8,316,513	8,802,699	9,292,608
Finance, insurance, and real estate	746,914	804,537	839,388	895,517	931,240	935,191	18,580,090	19,973,903	22,287,702	25,980,268	30,266,012	33,098,604
Banking and credit agencies	264,637	289,459*	306,186*	310,705*	311,064*	310,776*	5,847,329	6,191,439	6,557,834	7,375,778	7,989,249	9,059,727
Other finance, insurance, and real estate[9]	482,277	506,760*	524,161*	575,236*	610,715*	614,763*	12,732,761	13,782,464	15,729,868	18,604,490	22,276,763	24,038,877
Services	2,875,294	3,174,005	3,346,322	3,512,842	3,703,582	3,952,389	29,030,865	32,592,617	36,073,432	39,947,558	43,668,433	48,074,641
Hotels and other lodging places	165,816*	193,496*	188,577*	186,683*	195,691*	198,526*	658,563*	688,944*	741,298*	790,298	917,948	972,730*
Personal services	98,509	103,501	120,828	123,811	124,571	133,615	727,229	773,342	898,860	964,778	1,022,765	1,132,099
Private households	59,532	66,236	66,558	66,270	65,640	65,448	537,733	598,139	599,421	596,225	598,062	604,071
Business services	521,247	578,655	579,729	588,128	623,283	682,226	6,965,435	7,974,708	9,003,316	9,957,254	10,920,161	11,991,300
Auto repair, services, and garages	85,374	96,790	101,509	103,389	101,966	106,091	445,729	503,861	558,263	602,530	656,790	695,127
Miscellaneous repair services	73,968	72,162*	59,040*	59,263*	58,157*	54,325*	309,084	337,388	349,723	361,816	364,670	414,866
Amusement and recreation services	66,721	91,227	72,340*	81,981	73,435	84,284	777,503	877,004	1,020,056	1,203,692	1,380,074	1,633,931
Motion pictures	6,298*	(D)	(D)	(D)	(D)	(D)	670,070*	890,095*	1,034,961*	1,044,187*	1,114,185*	1,107,045*
Health services	808,617	857,763	973,051	1,034,638	1,152,361	1,230,033	6,750,370	7,283,029	7,955,551	8,573,212	9,493,345	10,391,020
Legal services	348,783	414,491	460,828	522,414	564,453	607,804	3,789,056	4,485,561	4,928,937	5,691,115	6,260,671	7,083,615
Educational services	180,085*	201,825*	218,941*	225,930*	245,205*	269,955*	1,694,139	1,857,313	2,041,808	2,220,528	2,402,990	2,627,408
Social services	42,236	41,209	56,670	57,753	60,062	63,739	1,257,872	1,398,563	1,552,333	1,805,626	1,965,434	2,156,921
Museums, botanical, zoological gardens	1,043*	1,399*	1,300*	1,390*	1,487*	1,518*	(D)	(D)	(D)	144,817*	156,630*	(D)
Membership organizations	94,855	107,423	98,918	100,459	101,722	109,646	1,022,563	1,076,538	1,144,341	1,176,282	1,246,479	1,350,387
Miscellaneous services	314,635	330,739	329,000	342,467	315,860	324,359	3,314,237	3,726,860	4,109,558	4,814,337	5,167,359	5,728,321
Government and government enterprises	1,670,103	1,757,735	1,830,210	1,846,076	1,882,570	1,942,709	13,373,859	14,570,579	15,518,402	17,045,707	18,447,169	19,984,587
Federal, civilian	383,620	399,472	422,789	419,885	447,747	495,635	2,223,591	2,398,963	2,493,382	2,481,797	2,580,998	2,788,801
Military	92,823	99,952	106,577	113,912	119,445	125,669	182,487	189,707	203,931	200,923	200,971	205,222
State and local	1,193,660	1,258,311	1,300,844	1,312,279	1,315,378	1,321,405	10,967,781	11,981,909	12,821,089	14,362,987	15,665,200	16,990,564

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Newark, NJ (PMSA)						Niagara Falls, NY (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**29,309,513**	**32,158,615**	**34,285,893**	**36,565,779**	**39,731,179**	**43,312,670**	**2,474,121**	**2,672,015**	**2,808,797**	**2,910,063**	**3,049,868**	**3,251,627**
Nonfarm personal income	29,279,963	32,125,704	34,252,127	36,530,203	39,683,808	43,262,771	2,464,823	2,661,503	2,796,493	2,899,197	3,034,218	3,237,042
Farm income[1]	29,550	32,911	33,766	35,576	47,371	49,899	9,298	10,512	12,304	10,866	15,650	14,585
Population (thousands)[2]	1,880.0	1,883.5	1,888.5	1,891.2	1,889.5	1,886.2	219.7	217.2	216.8	216.2	215.3	216.9
Per capita personal income (dollars)	**15,590**	**17,073**	**18,156**	**19,335**	**21,027**	**22,963**	**11,259**	**12,301**	**12,956**	**13,462**	**14,168**	**14,989**
Derivation of total personal income:												
Total earnings by place of work	21,746,121	23,919,048	25,492,418	27,321,405	29,510,263	32,127,944	1,610,537	1,748,170	1,838,315	1,882,745	1,949,294	2,092,743
Less: Personal contributions for social insurance[3]	1,316,525	1,458,537	1,626,617	1,862,273	2,000,028	2,263,017	103,752	114,292	126,530	134,722	138,024	155,542
Plus: Adjustment for residence	−77,075	−69,533	188,990	451,205	749,277	907,517	86,345	87,893	129,216	148,047	188,056	195,993
Equals: Net earnings by place of residence	20,352,521	22,390,978	24,054,791	25,910,337	28,259,512	30,772,444	1,593,130	1,721,771	1,841,001	1,896,070	1,999,326	2,133,194
Plus: Dividends, interest, and rent[5]	5,338,101	6,031,854	6,372,824	6,586,362	7,190,885	7,929,850	376,797	420,224	433,998	448,891	461,259	505,027
Plus: Transfer payments	3,618,891	3,735,783	3,858,278	4,069,080	4,280,782	4,610,376	504,194	530,020	533,798	565,102	589,283	613,406
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	18,198,155	20,031,551	21,313,518	22,897,281	24,706,414	26,934,127	1,337,389	1,455,419	1,536,468	1,570,261	1,620,542	1,745,410
Other labor income	2,026,717	2,126,665	2,164,098	2,257,051	2,404,677	2,585,465	177,375	184,272	184,453	188,296	191,980	201,660
Proprietors' income[6]	1,521,249	1,760,832	2,014,802	2,167,073	2,399,172	2,608,352	95,773	108,479	117,394	124,188	136,772	145,673
Farm	24,788	28,234	29,359	31,388	43,134	45,811	2,862	4,212	6,041	4,654	9,107	8,011
Nonfarm	1,496,461	1,732,598	1,985,443	2,135,685	2,356,038	2,562,541	92,911	104,267	111,353	119,534	127,665	137,662
Earnings by industry:												
Farm	29,550	32,911	33,766	35,576	47,371	49,899	9,298	10,512	12,304	10,866	15,650	14,585
Nonfarm	21,716,571	23,886,137	25,458,652	27,285,829	29,462,892	32,078,045	1,601,239	1,737,658	1,826,011	1,871,879	1,933,644	2,078,158
Private	18,992,301	20,975,631	22,372,333	24,020,501	25,913,291	28,185,851	1,381,962	1,507,303	1,580,745	1,614,500	1,656,396	1,774,515
Agricultural services, forestry, fisheries, and other[7]	56,220	61,650	63,017	66,513	93,561	104,571	2,798	2,907	3,130	4,070	5,532	6,435
Agricultural services	54,408	60,404	60,956	63,910	90,889	101,589	2,691	2,856	2,980	3,871	5,377	6,260
Forestry, fisheries, and other[7]	1,812	1,246	2,061	2,603	2,672	2,982	107	51	150	199	155	175
Mining	71,001	76,272	99,117	46,176	47,586	50,107	4,682	6,331	7,708	5,913	6,160	7,075
Coal mining	(D)	308	266	315	157	158	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	930
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,467	3,424	3,640	4,331	4,852	6,126
Construction	966,574	1,150,792	1,274,086	1,509,241	1,725,137	1,906,303	89,680	93,651	86,444	88,442	99,908	107,399
Manufacturing	5,564,742	5,994,289	6,067,680	6,155,896	6,364,346	6,762,524	763,381	837,884	873,175	869,242	867,420	902,754
Nondurable goods	2,946,441	3,170,846	3,292,034	3,497,338	3,650,947	3,975,153	237,705	249,843	238,334	245,619	258,873	266,626
Food and kindred products	(D)	(D)	(D)	(D)	447,517	496,908	25,454	26,485	22,916	24,774	25,608	23,444
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	2,005	2,941	(D)	(D)	1,315	1,184
Apparel and other textile products	103,201	110,728	111,170	111,579*	121,366*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	161,379*	176,680*	179,295*	175,722*	182,032*	181,673*	18,109	20,708	21,482	23,590	25,675	24,146
Printing and publishing	312,715	350,441	392,291	418,721	443,724	459,067	18,481	19,788	20,868	22,334	22,206	23,128
Chemicals and allied products	1,600,531	1,699,018*	1,756,117*	1,849,112*	1,915,481*	2,168,066*	149,128	154,373	145,637	150,563	158,909	169,024
Petroleum and coal products	168,257*	183,391	172,652	187,949	199,761	205,222	13,232	13,454	14,333	12,013	11,752	10,563
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	209,862	230,067	237,260	250,678	258,627	252,421	9,511	10,470	9,450	9,358	11,451	12,505
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)
Durable goods	2,618,301	2,823,443	2,775,646	2,658,558	2,713,399	2,787,371	525,676	588,041	634,841	623,623	608,547	636,128
Lumber and wood products	30,630	(D)	30,530	35,040	42,984	46,894	3,970	5,075	6,034	6,675	7,258	7,646
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	402	612	511	651	784	646
Primary metal industries	160,751*	196,193	180,678*	190,633*	166,962*	164,189*	49,014	42,260	39,079	38,304	35,007	37,328
Fabricated metal products	518,487*	536,312	536,897	530,193	523,585	542,902	29,134	36,632	35,818	35,732	39,607	42,315
Machinery, except electrical	529,196	520,830	547,579	500,166	482,491	529,771	33,469	42,482	45,429	47,136	49,060	50,623
Electric and electronic equipment	603,686	684,411	667,553	648,925	658,894	641,851	32,242	41,561	45,152	44,242	40,214	35,147
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	75,333	78,212	68,058	55,185	58,879	65,412	86,416	72,719	63,854	61,087	68,019	66,416
Instruments and related products	233,423*	220,156	237,568	255,183	249,833	271,183	3,317	3,052	4,260	4,805	5,217	6,221
Miscellaneous manufacturing industries	137,362	162,992*	142,834*	133,559*	140,738*	154,656*	1,191	1,302	1,500	1,781	1,480	1,503
Transportation and public utilities	2,315,028	2,703,773	2,781,183	2,987,864	2,997,612	3,171,974	84,542	88,722	90,976	95,009	98,919	106,405
Railroad transportation	38,296	(D)	(D)	(D)	(D)	(D)	4,490	4,542	4,052	3,949	4,032	3,697
Trucking and warehousing	(D)	440,405	462,477	495,074	509,551	557,441	22,243	25,696	26,702	28,392	30,695	35,400
Water transportation	393,781*	458,384*	446,673*	442,727*	352,634*	315,110*	(D)	1,071	(D)	865	1,060	1,301
Other transportation[8]	413,748*	506,835*	567,112*	612,406*	(D)	(D)	(D)	14,487	(D)	13,918	14,046	16,039
Communication	682,126	805,152	850,436	970,222	1,034,017	1,110,043	14,856	10,977	10,996	10,203	10,567	10,205
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	459,461	27,373	31,949	34,885	37,682	38,519	39,763
Wholesale trade	1,735,820	1,943,445	2,002,915	2,089,765	2,303,937	2,545,997	40,391	44,452	48,306	49,857	55,615	62,066
Retail trade	1,579,808	1,722,933	1,901,200	2,128,749	2,253,279	2,398,416	138,258	147,037	159,029	164,933	172,399	186,780
Finance, insurance, and real estate	1,557,035	1,666,404	1,922,262	2,216,279	2,548,757	2,849,204	32,696	33,674	32,972	33,065	38,004	42,063
Banking and credit agencies	358,857	398,767	457,624	542,466	596,831	671,927	14,952	15,948	15,634	15,376	17,538	18,784
Other finance, insurance, and real estate[9]	1,198,178	1,267,637	1,464,638	1,673,813	1,951,926	2,177,277	17,744	17,726	17,338	17,689	20,466	23,279
Services	5,146,073	5,656,073	6,260,873	6,820,018	7,579,076	8,396,755	225,534	252,645	279,005	303,969	312,439	353,538
Hotels and other lodging places	(D)	(D)	(D)	(D)	97,886*	122,263*	6,836	(D)	(D)	5,880	8,647	10,934
Personal services	159,238	172,949	207,788	223,386	243,355	264,836	9,869	10,416	13,786	15,126	15,534	17,338
Private households	62,568	69,702	70,195	70,253	70,845	71,703	2,996	3,319	3,325	3,311	3,324	3,359
Business services	1,850,359	1,975,724	2,269,195	2,443,701	2,663,111	2,932,920	17,021	21,248	36,231	44,726	32,085	39,178
Auto repair, services, and garages	162,909	194,655	220,653	238,977	263,278	295,829	10,410	12,194	13,571	13,805	14,251	15,914
Miscellaneous repair services	81,173	110,018	110,975	145,073	163,848	171,044	3,723	4,483	4,461	5,202	5,654	6,924
Amusement and recreation services	59,541	66,485	72,939	80,856	93,093	(D)	4,337	5,035	5,518	5,881	6,556	8,005
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	483	590	638	788	828	769
Health services	1,355,356	1,486,768	1,589,490	1,736,728	1,984,010	2,242,760	103,681	114,245	117,778	127,597	138,898	154,305
Legal services	417,851	490,252	541,835	615,926	717,018	810,506	13,879	17,132	18,042	18,926	19,541	21,853
Educational services	146,201	160,393	173,181	192,214	203,102	212,963	15,088	(D)	(D)	16,403	18,236	19,261
Social services	93,944	105,737	118,935	136,385	142,566	160,441	9,765	11,194	12,771	11,383	13,019	15,746
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	4,413*	972	1,129	1,022	853	951	1,092
Membership organizations	139,770	153,232	161,446	176,468	195,711	219,810	15,212	15,996	16,208	16,969	17,843	19,495
Miscellaneous services	545,130	585,291	628,290	658,466	715,329	760,300	11,262	14,187	15,235	17,119	17,072	19,365
Government and government enterprises	2,724,270	2,910,506	3,086,319	3,265,328	3,549,601	3,892,194	219,277	230,355	245,266	257,379	277,248	303,643
Federal, civilian	639,947	666,454	633,062	621,850	646,065	676,941	31,060	33,472	34,221	34,281	35,589	39,236
Military	38,488	48,704	47,589	52,437	54,713	56,333	3,157	3,167	3,342	3,451	3,580	3,748
State and local	2,045,835	2,195,348	2,405,668	2,591,041	2,848,823	3,158,920	185,060	193,716	207,703	219,647	238,079	260,659

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Norfolk—Virginia Beach—Newport News, VA (MSA)						Oakland, CA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**14,240,102**	**15,521,422**	**16,717,004**	**18,032,991**	**19,470,738**	**20,773,939**	**28,623,952**	**31,595,870**	**34,199,577**	**36,408,459**	**38,847,913**	**42,324,899**
Nonfarm personal income	14,239,730	15,499,232	16,701,787	18,011,931	19,443,625	20,740,612	28,552,519	31,536,570	34,137,728	36,338,018	38,787,070	42,264,032
Farm income[1]	372	22,190	15,217	21,060	27,113	33,327	71,433	59,300	61,849	70,441	60,843	60,867
Population (thousands)[2]	1,237.7	1,263.8	1,280.2	1,308.5	1,349.9	1,380.2	1,850.9	1,879.0	1,910.0	1,938.6	1,966.7	2,006.3
Per capita personal income (dollars)	**11,505**	**12,281**	**13,058**	**13,782**	**14,424**	**15,051**	**15,464**	**16,815**	**17,905**	**18,781**	**19,753**	**21,096**
Derivation of total personal income:												
Total earnings by place of work	11,017,690	12,076,168	13,147,939	14,134,532	15,329,575	16,292,405	17,897,795	20,069,212	22,043,798	23,651,841	25,683,730	28,050,650
Less: Personal contributions for social insurance[3]	599,411	651,758	727,632	797,556	865,315	964,698	1,033,529	1,160,065	1,319,734	1,445,809	1,571,020	1,789,212
Plus: Adjustment for residence	−295,870	−327,977	−369,221	−390,382	−435,431	−421,884	3,355,339	3,534,146	3,626,440	3,861,273	3,760,709	4,127,810
Equals: Net earnings by place of residence	10,122,409	11,096,433	12,051,086	12,946,594	14,028,829	14,905,823	20,219,605	22,443,293	24,350,504	26,067,305	27,873,419	30,389,248
Plus: Dividends, interest, and rent[5]	1,824,529	2,061,520	2,144,542	2,380,687	2,571,540	2,845,442	4,534,655	5,172,055	5,524,017	5,734,443	6,126,427	6,746,178
Plus: Transfer payments	2,293,164	2,363,469	2,521,376	2,705,710	2,870,369	3,022,674	3,869,692	3,980,522	4,325,056	4,606,711	4,848,067	5,189,473
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,768,815	10,686,399	11,641,047	12,447,168	13,471,987	14,290,431	14,506,769	16,207,503	17,716,490	19,136,527	20,731,125	22,711,766
Other labor income	733,731	773,946	816,632	891,401	968,535	1,037,202	1,533,671	1,667,255	1,969,256	1,931,946	2,101,698	2,298,208
Proprietors' income[6]	515,144	615,823	690,260	795,963	889,053	964,772	1,857,355	2,194,454	2,358,052	2,583,368	2,850,907	3,040,676
Farm	−6,866	15,065	8,217	14,236	20,056	26,342	41,256	30,973	34,822	44,043	33,962	32,944
Nonfarm	522,010	600,758	682,043	781,727	868,997	938,430	1,816,099	2,163,481	2,323,230	2,539,325	2,816,945	3,007,732
Earnings by industry:												
Farm	372	22,190	15,217	21,060	27,113	33,327	71,433	59,300	61,849	70,441	60,843	60,867
Nonfarm	11,017,318	12,053,978	13,132,722	14,113,472	15,302,462	16,259,078	17,826,362	20,009,912	21,981,949	23,581,400	25,622,887	27,989,783
Private	6,396,915	7,143,982	7,901,290	8,722,130	9,537,433	10,088,184	14,245,689	16,204,927	17,668,139	19,262,031	20,998,249	22,989,129
Agricultural services, forestry, fisheries, and other[7]	31,866	27,695*	37,998*	46,198*	57,541*	63,793*	92,390	97,770	96,047	(D)	(D)	158,717
Agricultural services	21,711*	23,837*	29,565*	33,381*	44,095*	48,100*	87,050	94,588	90,108	94,488	(D)	(D)
Forestry, fisheries, and other[7]	(D)	(D)	10,302*	14,607*	(D)	(D)	5,340	3,182	5,939	(D)	6,041	(D)
Mining	14,558	16,320	23,484	9,018	8,981	7,308	113,375	131,413	153,759	(D)	(D)	197,639
Coal mining	75	92	83	80	(L)	(L)	97	131	(D)	147	(D)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	125,463	(D)	132,957*	168,430
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(D)	(D)	98*	128	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	22,365	27,639	28,053	31,546	30,093	(D)
Construction	648,090	775,566*	904,836*	1,095,864*	1,184,966*	1,187,199*	1,514,823	1,898,532	2,017,081	2,115,989	2,240,811	2,484,751
Manufacturing	1,522,597	1,665,677	1,814,282	1,895,587	1,952,349	2,007,924	3,044,908	3,258,567	3,356,972	3,502,818	3,718,365	4,119,045
Nondurable goods	339,473	365,535	402,650	430,786	437,383	436,703	1,532,899	1,608,199	1,664,268	1,739,069	1,831,823	2,008,947
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	406,348	424,087	431,760	414,841	426,285	453,846
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	4,402*	4,959*	5,391*	6,576*	(D)	9,694*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	31,522	34,385	35,965*	36,843*	44,975	49,939
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	105,377	123,595	122,796	143,327	153,658	147,228
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	187,084	196,344	191,508	208,081	235,881	255,854
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	331,170	352,974	367,478	388,230	384,996	456,339
Petroleum and coal products	12,329*	12,100*	12,083*	12,734*	12,507*	12,609*	417,125	411,121	454,451	482,047	504,914	565,076
Tobacco manufactures	4,339*	4,809*	5,935	6,793	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	46,270	57,403	50,914	55,371	70,594	67,405
Leather and leather products	0	0	0	0	(D)	(D)	3,500*	3,293*	2,653	2,299	(D)	3,501*
Durable goods	1,183,124	1,300,142	1,411,632	1,464,801	1,514,966	1,571,221	1,512,009	1,650,368	1,692,704	1,763,749	1,886,542	2,110,098
Lumber and wood products	28,986	31,928	36,423	41,627	50,178	47,268	26,553	30,604	(D)	28,590	39,848	46,692
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	51,704	55,702	58,351	(D)	(D)	59,960
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	203,118	238,490	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	352,987	355,947	368,937	340,607	345,569	326,318
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	301,590	310,876	310,368	316,818	371,037	409,364
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	161,351	184,900	188,652	215,984	245,069	322,702
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	71,196	56,798	55,728	43,594	46,008	49,433
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	60,620	87,764	138,329	180,458	164,867	163,374*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	130,925	148,072	154,880	161,682	173,959	230,267
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	122,187	152,292	170,591	194,918	202,507	248,212
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	29,778	28,923	30,469	39,919	50,571	32,850
Transportation and public utilities	609,588	652,667	690,063	734,673	770,720	826,958	1,410,164	1,592,473	1,794,311	2,104,999	2,319,824	2,326,288
Railroad transportation	(D)	(D)	(D)	(D)	73,705	70,613	85,717	(D)	84,999	79,538	76,483	63,175
Trucking and warehousing	89,819	103,285	102,310	113,743	124,613	138,667	380,842	417,349	427,644	444,668	471,547	546,622
Water transportation	(D)	(D)	92,742*	95,575*	102,801*	109,250*	138,855	153,106	165,606	174,399	209,526	194,116
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	154,689*	168,926*	183,988*	196,733*	202,873*	(D)	465,555	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	243,982	273,500	305,524	317,515	314,517	316,137
Wholesale trade	450,359	506,686	540,383	590,928	645,637	730,762	1,079,989	1,225,046	1,401,022	1,515,741	1,558,446	1,712,465
Retail trade	965,878	1,072,441	1,175,644	1,271,683	1,368,280	1,433,793	2,197,838	2,423,823	2,570,171	2,749,565	2,841,624	3,037,829
Finance, insurance, and real estate	369,483	420,925	453,441	526,689	630,043	665,798	915,964	1,058,366	1,225,051	1,454,805	1,723,914	1,935,811
Banking and credit agencies	155,062*	175,282*	185,438*	222,299*	234,615*	(D)	355,730	401,712	440,824	520,045	638,981	732,738
Other finance, insurance, and real estate[9]	211,325*	230,090*	251,110*	285,742*	372,276*	(D)	560,234	656,654	784,227	934,760	1,084,933	1,203,073
Services	1,784,496	1,994,570	2,245,629	2,530,783	2,895,261	3,139,711	3,876,238	4,518,937	5,053,725	5,598,931	6,278,166	7,016,584
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	56,260	64,948	72,942	78,375	(D)	(D)
Personal services	95,253	103,357	123,724	138,579	153,482	166,011	182,828	193,007	242,386	258,743	278,507	317,834
Private households	60,386	67,793	68,604	69,143	70,558	72,344	62,839	70,862	72,411	73,700	75,592	77,882
Business services	259,175	313,426	386,174	443,962	520,092	581,452	929,800	1,151,261	1,335,305	1,509,076	1,713,323	2,002,658
Auto repair, services, and garages	62,377	74,303	84,691	95,270	111,127	122,879	200,197	235,739	271,686	285,807	304,125	335,965
Miscellaneous repair services	48,683	57,818	56,403	64,381	65,943	74,174	133,240	170,070	168,013	144,494	135,448	147,386
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	60,282	84,180	100,445	99,390	106,369	118,124	134,956
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	11,200	16,436	20,064	23,489	21,429	22,243
Health services	639,323	692,606	764,617	855,019	991,449	1,089,694	1,275,515	1,443,947	1,607,194	1,763,205	2,009,204	2,112,817
Legal services	100,119	122,482	133,419	153,430	174,243	194,767	201,167	241,602	274,453	316,005	359,784	407,513
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	87,821	101,218	106,585	113,670	129,390	148,029
Social services	32,038*	35,551*	38,934*	43,456*	48,011*	53,700*	94,127	111,430	119,461	135,114	161,456	201,969
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	778	758	797	795	851*	962*
Membership organizations	67,656	70,319	75,654	74,346	83,829	93,853	168,353	177,708	194,641	210,229	222,979	246,426
Miscellaneous services	184,850	210,116	243,003	289,679	335,115	322,969	387,933	439,506	468,397	579,860	656,146	763,546
Government and government enterprises	4,620,403	4,909,996	5,231,432	5,391,342	5,765,029	6,170,894	3,580,673	3,804,985	4,313,810	4,319,369	4,624,638	5,000,654
Federal, civilian	1,342,575	1,427,486	1,494,980	1,480,749	1,541,893	1,691,342	765,099	774,905	804,876	808,325	845,821	958,853
Military	2,302,731	2,425,364	2,567,372	2,614,067	2,791,655	2,922,127	363,379	370,357	405,248	411,737	449,187	453,970
State and local	975,097	1,057,146	1,169,080	1,296,526	1,431,481	1,557,425	2,452,195	2,659,723	3,103,686	3,099,307	3,329,630	3,587,831

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Ocala, FL (MSA)						Odessa, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,347,821**	**1,506,064**	**1,712,161**	**1,894,201**	**2,101,659**	**2,283,187**	**1,634,398**	**1,691,299**	**1,777,058**	**1,559,901**	**1,528,961**	**1,579,195**
Nonfarm personal income	1,334,096	1,488,009	1,694,819	1,872,447	2,079,074	2,254,154	1,632,933	1,689,264	1,775,294	1,557,976	1,526,746	1,577,083
Farm income[1]	13,725	18,055	17,342	21,754	22,585	29,033	1,465	2,035	1,764	1,925	2,215	2,112
Population (thousands)[2]	148.0	155.4	164.8	173.8	182.4	189.8	138.5	134.3	134.1	133.8	126.0	124.7
Per capita personal income (dollars)	**9,105**	**9,691**	**10,392**	**10,897**	**11,521**	**12,027**	**11,803**	**12,596**	**13,250**	**11,658**	**12,132**	**12,663**
Derivation of total personal income:												
Total earnings by place of work	724,750	834,341	933,896	1,046,663	1,173,137	1,277,082	1,300,192	1,328,603	1,404,967	1,158,706	1,109,743	1,135,563
Less: Personal contributions for social insurance[3]	39,162	45,795	54,422	61,112	68,698	79,265	69,468	70,706	79,111	65,207	62,463	67,030
Plus: Adjustment for residence	37,676	39,271	46,309	46,101	46,819	51,014	59,697	63,872	59,908	52,563	54,803	56,945
Equals: Net earnings by place of residence	723,264	827,817	925,783	1,031,652	1,151,258	1,248,831	1,290,421	1,321,769	1,385,764	1,146,062	1,102,083	1,125,478
Plus: Dividends, interest, and rent[5]	302,339	340,103	398,693	431,863	474,025	527,230	206,089	229,002	240,833	231,889	239,025	258,847
Plus: Transfer payments	322,218	338,144	387,685	430,686	476,376	507,126	137,888	140,528	150,461	181,950	187,853	194,870
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	582,683	666,868	746,446	824,595	926,257	1,004,302	1,059,389	1,060,677	1,108,171	914,693	894,969	914,872
Other labor income	58,246	64,486	70,099	79,434	90,002	97,812	109,949	104,786	103,297	87,272	87,478	89,161
Proprietors' income[6]	83,821	102,987	117,351	142,634	156,878	174,968	130,854	163,140	193,499	156,741	127,296	131,530
Farm	326	4,880	4,398	9,025	9,337	15,843	1,185	1,756	1,502	1,675	1,960	1,866
Nonfarm	83,495	98,107	112,953	133,609	147,541	159,125	129,669	161,384	191,997	155,066	125,336	129,664
Earnings by industry:												
Farm	13,725	18,055	17,342	21,754	22,585	29,033	1,465	2,035	1,764	1,925	2,215	2,112
Nonfarm	711,025	816,286	916,554	1,024,909	1,150,552	1,248,049	1,298,727	1,326,568	1,403,203	1,156,781	1,107,528	1,133,451
Private	597,808	691,384	777,317	868,041	974,179	1,052,178	1,163,458	1,183,464	1,252,313	997,831	946,109	967,302
Agricultural services, forestry, fisheries, and other[7]	14,400	15,235	17,682	22,359	27,628	27,118	2,396	2,399	2,568	2,058	2,830	3,121
Agricultural services	13,666	14,618	17,091	21,880	27,110	26,550	2,039	2,148	2,403	1,965	2,740	3,032
Forestry, fisheries, and other[7]	734	617	591	479	518	568	357	251	165	93	90	89
Mining	3,872	4,272	6,210	4,008	3,959	4,159	269,675	293,573	310,104	207,228	193,656	199,199
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)
Oil and gas extraction	(D)	2,200	3,855	1,092	1,077	1,057	269,311	293,269	309,903	207,090	193,540	(D)
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	0	0	0
Nonmetallic minerals, except fuels	(D)	2,059	2,342	2,903	2,875	3,095	(D)	(D)	(D)	(D)	110	(D)
Construction	68,285	87,140	91,652	104,663	114,113	119,903	128,996	116,722	122,589	103,990	97,771	99,435
Manufacturing	129,774	145,326	169,846	186,497	203,100	220,037	170,553	144,033	146,411	124,764	144,209	132,696
Nondurable goods	34,338	40,222	40,422	43,189	44,524	48,906	75,570	55,569	60,004	60,918	86,754	65,888
Food and kindred products	9,828	10,668	10,613	9,495	8,792	9,070	3,139	3,197	3,617	1,880	1,365	2,244
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	5,223	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0	0
Paper and allied products	(D)	(D)	(D)	(D)	2,610	2,141	0	0	0	0	0	0
Printing and publishing	5,624	6,576	6,980	7,774	9,210	10,538	6,387	5,247	5,701	5,385	5,046	5,543
Chemicals and allied products	2,348	2,576	2,654	2,736	2,677	2,856	59,831	41,020	43,447	46,721	74,242	51,314
Petroleum and coal products	1,915	2,018	2,375	2,878	3,732	2,695	5,154	5,025	5,793	5,402	5,194	5,725
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	9,347	12,446	11,970	13,128	13,604	18,582	(D)	(D)	(D)	(D)	(D)	845
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	95,436	105,104	129,424	143,308	158,576	171,131	94,983	88,464	86,407	63,846	57,455	66,808
Lumber and wood products	25,020	26,748	30,366	31,682	32,506	30,257	(D)	(D)	(D)	152	172	249
Furniture and fixtures	7,683	9,710	13,622	16,847	(D)	(D)	(D)	121	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	579	(D)	(D)	(D)	(D)
Fabricated metal products	5,942	6,245	7,210	7,301	25,173	24,744	11,142	12,128	10,077	7,076	6,543	6,355
Machinery, except electrical	2,468	7,609	7,957	9,142	11,273	11,654	70,664	64,880	62,783	43,882	38,999	47,226
Electric and electronic equipment	25,999	27,305	33,684	36,332	(D)	(D)	(D)	805	969	(D)	(D)	803
Transportation equip. excl. motor vehicles	(D)	(D)	1,861	1,931	2,378	2,141	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	15,671	14,328	18,981	24,743	30,864	42,318	(D)	0	(D)	(D)	0	(D)
Stone, clay, and glass products	4,452	5,694	5,019	4,882	6,030	6,316	9,221	9,193	9,919	8,143	8,563	9,618
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,301	(D)	1,032	747
Miscellaneous manufacturing industries	(D)	201	(D)	(D)	(D)	(D)	0	0	212	151	172	(D)
Transportation and public utilities	33,936	38,378	40,703	45,693	49,249	51,156	61,736	111,187	136,002	63,994	20,907	23,116
Railroad transportation	1,345	1,387	64	67	72	68	1,165	1,463	1,616	1,541	1,609	1,313
Trucking and warehousing	10,075	12,122	12,549	13,886	16,168	17,192	34,551	36,196	34,444	25,603	27,606	28,648
Water transportation	(D)	(D)	(D)	0	0	0	(L)	(L)	(L)	(L)	(D)	(L)
Other transportation[8]	(D)	(D)	(D)	1,565	1,765	1,762	16,081	14,499	12,515	12,070	(D)	10,926
Communication	14,582	15,745	16,233	17,113	17,772	19,061	22,021	20,947	20,897	19,359	19,012	17,292
Electric, gas, and sanitary services	6,365	7,222	9,593	13,062	13,472	13,073	−12,066	38,100	66,542	5,438	−37,635	−35,069
Wholesale trade	54,902	62,484	71,811	78,156	86,483	93,678	117,896	114,923	122,398	101,652	89,459	99,349
Retail trade	118,387	130,248	146,202	159,761	174,353	187,308	153,776	143,875	150,300	134,060	128,822	134,614
Finance, insurance, and real estate	38,261	43,759	47,221	51,858	60,113	63,843	53,701	50,009	46,003	44,609	45,418	43,619
Banking and credit agencies	16,869	20,037	22,985	26,234	29,683	29,903	26,100	23,703	22,477	21,090	18,781	18,227
Other finance, insurance, and real estate[9]	21,392	23,722	24,236	25,624	30,430	33,940	27,601	26,306	23,526	23,519	26,637	25,392
Services	135,991	164,542	185,990	215,046	255,181	284,976	204,729	206,743	215,938	215,476	223,037	232,153
Hotels and other lodging places	6,895	6,966	6,716	7,193	11,344	13,305	4,175	5,570	4,584	3,502	3,056	3,151
Personal services	8,742	9,542	12,113	13,771	15,343	16,899	14,243	13,509	16,102	14,988	15,147	16,622
Private households	4,315	4,899	5,039	5,147	5,307	5,485	3,052	3,437	3,502	3,544	3,571	3,608
Business services	13,045	18,438	21,672	25,859	33,121	37,715	53,276	55,314	60,595	59,526	56,891	57,531
Auto repair, services, and garages	8,083	9,734	11,240	12,376	13,612	15,384	19,456	16,940	19,155	18,079	19,158	20,053
Miscellaneous repair services	2,820	3,802	3,191	3,848	4,414	4,885	18,810	19,387	15,694	11,469	11,300	12,593
Amusement and recreation services	5,795	6,264	6,051	6,531	7,293	7,455	3,652	3,800	4,390	4,312	3,751	3,998
Motion pictures	460	542	696	742	683	(D)	368	402	(D)	219	(D)	(D)
Health services	42,299	50,918	58,419	63,469	79,399	90,986	45,283	45,913	49,975	53,432	57,510	64,077
Legal services	11,384	13,292	13,547	14,689	18,240	18,488	11,738	12,980	13,080	16,112	23,267	19,541
Educational services	2,069	(D)	3,048	3,356	3,829	(D)	1,005	1,316	(D)	1,495	(D)	(D)
Social services	2,897	3,784	4,733	6,496	6,345	8,421	2,092	2,459	2,349	2,667	2,876	2,819
Museums, botanical, zoological gardens	0	(D)	0	0	0	0	0	0	0	0	0	0
Membership organizations	8,170	9,242	9,862	10,937	11,879	12,949	7,426	7,427	7,781	8,043	8,145	8,929
Miscellaneous services	19,017	24,623	29,663	40,632	44,372	48,377	20,153	18,289	17,109	18,088	16,399	16,954
Government and government enterprises	113,217	124,902	139,237	156,868	176,373	195,871	135,269	143,104	150,890	158,950	161,419	166,149
Federal, civilian	9,547	10,599	11,836	12,175	13,199	15,222	8,447	8,833	9,130	8,828	9,237	9,509
Military	1,531	1,706	1,982	2,167	2,243	2,329	2,239	2,199	2,479	2,673	2,941	3,061
State and local	102,139	112,597	125,419	142,526	160,931	178,320	124,583	132,072	139,281	147,449	149,241	153,579

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Oklahoma City, OK (MSA)						Olympia, WA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**12,122,565**	**12,813,995**	**13,213,827**	**13,220,452**	**13,390,386**	**14,082,836**	**1,527,730**	**1,676,589**	**1,826,742**	**1,983,355**	**2,142,586**	**2,304,091**
Nonfarm personal income	12,095,934	12,782,875	13,174,793	13,148,250	13,327,778	14,025,937	1,504,290	1,651,495	1,799,364	1,947,660	2,104,476	2,266,159
Farm income[1]	26,631	31,120	39,034	72,202	62,608	56,899	23,440	25,094	27,378	35,695	38,110	37,932
Population (thousands)[2]	960.1	971.5	979.0	982.2	967.4	963.8	136.0	138.4	141.9	146.4	151.1	156.6
Per capita personal income (dollars)	**12,627**	**13,191**	**13,498**	**13,460**	**13,841**	**14,612**	**11,235**	**12,112**	**12,870**	**13,546**	**14,181**	**14,710**
Derivation of total personal income:												
Total earnings by place of work	9,701,816	10,267,167	10,410,233	10,286,063	10,312,758	10,777,947	917,922	1,025,029	1,119,582	1,227,419	1,334,614	1,428,766
Less: Personal contributions for social insurance[3]	578,446	610,566	646,018	644,427	638,913	696,491	50,647	56,489	64,249	71,150	78,179	86,366
Plus: Adjustment for residence	−251,427	−278,788	−270,730	−271,124	−275,929	−293,616	119,149	113,934	117,627	122,024	131,439	145,922
Equals: Net earnings by place of residence	8,871,943	9,377,813	9,493,485	9,370,512	9,397,916	9,787,840	986,424	1,082,474	1,172,960	1,278,293	1,387,874	1,488,322
Plus: Dividends, interest, and rent[4]	1,684,885	1,833,747	1,980,023	1,944,118	1,955,513	2,094,264	260,680	289,278	315,090	336,748	359,198	396,032
Plus: Transfer payments	1,565,737	1,602,435	1,740,319	1,905,822	2,036,957	2,200,732	280,626	304,837	338,692	368,314	395,514	419,737
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,955,058	8,400,629	8,508,964	8,320,765	8,344,519	8,728,172	758,526	848,577	929,123	1,013,490	1,099,139	1,181,044
Other labor income	798,521	820,081	779,941	772,052	759,742	810,661	52,954	57,638	59,746	65,190	70,944	76,106
Proprietors' income[5]	948,237	1,046,457	1,121,328	1,193,246	1,208,497	1,239,114	106,442	118,814	130,713	148,739	164,531	171,616
Farm	17,897	22,500	30,691	64,125	54,302	48,780	16,095	17,899	20,171	28,478	30,418	30,129
Nonfarm	930,340	1,023,957	1,090,637	1,129,121	1,154,195	1,190,334	90,347	100,915	110,542	120,261	134,113	141,487
Earnings by industry:												
Farm	26,631	31,120	39,034	72,202	62,608	56,899	23,440	25,094	27,378	35,695	38,110	37,932
Nonfarm	9,675,185	10,236,047	10,371,199	10,213,861	10,250,150	10,721,048	894,482	999,935	1,092,204	1,191,724	1,296,504	1,390,834
Private	7,591,766	8,058,994	8,022,668	7,785,807	7,749,588	8,173,556	505,096	568,530	608,773	671,879	729,957	768,257
Agricultural services, forestry, fisheries, and other[7]	25,516	24,906	23,872	23,590	29,810	31,979	10,478	10,727	11,312	12,533	13,675	14,668
Agricultural services	(D)	22,200*	21,943*	21,912*	29,250	31,472	3,617	4,183	4,133	5,048	6,323	6,804
Forestry, fisheries, and other[7]	(D)	(D)	(D)	213*	560	507	6,861	6,544	7,179	7,485	7,352	7,864
Mining	753,329	721,984	637,825	501,454	432,193	468,490	2,741	2,920	3,666	1,966	2,287	2,147
Coal mining	(D)	(D)	1,643*	1,197*	(D)	(D)	108	205	171	159	75	75
Oil and gas extraction	720,657*	687,896*	606,577*	472,548*	423,119	459,692	1,536	1,698	2,594	822	926	842
Metal mining	(D)	(D)	208*	157*	(D)	(D)	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	8,113*	7,799*	1,099	1,027	905	985	1,256	1,207
Construction	643,404	674,584	610,667	538,685	528,480	566,855	48,242	63,890	58,406	67,629	75,454	84,391
Manufacturing	1,268,153	1,490,252	1,482,318	1,409,893	1,380,240	1,459,466	77,763	80,762	86,036	95,639	103,318	101,896
Nondurable goods	371,837	395,326	391,659	392,737	392,466	404,099	39,059	39,929	40,067	46,918	49,999	52,570
Food and kindred products	131,579*	136,121*	137,434*	127,307*	119,418*	123,887*	(D)	(D)	16,208	18,300	19,278	21,101
Textile mill products	1,423*	1,631*	872*	957*	1,544*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	12,459*	12,363*	(D)	9,971*	8,841*	8,426*	0	0	(D)	(D)	0	0
Paper and allied products	7,104	9,271	10,738	12,353	11,766*	12,936*	7,752	10,058	10,362	11,187	12,292	11,845
Printing and publishing	88,111	95,757	101,320	100,593	100,397*	98,874	4,669	4,820	5,812	6,550	7,172	8,084
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	843	2,963	(D)	(D)
Petroleum and coal products	19,043*	21,634*	19,441*	19,013*	19,704*	22,785	0	0	0	0	0	0
Tobacco manufactures	(D)	344	217	315	392	251	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	81,717*	92,075*	85,829*	84,417*	3,596	(D)	5,297	6,001	6,245	5,817
Leather and leather products	(D)	216*	248*	264*	405	373*	0	0	0	0	0	0
Durable goods	896,316	1,094,926	1,090,659	1,017,156	987,774	1,055,367	38,704	40,833	45,969	48,721	53,319	49,326
Lumber and wood products	(D)	(D)	(D)	(D)	8,862*	13,559*	21,564	22,943	27,115	29,101	32,759	30,443
Furniture and fixtures	(D)	9,858*	9,355*	10,278*	13,351*	14,748*	(D)	587	(D)	691	780	834
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	111,798*	(D)	117,116*	107,695*	(D)	99,834*	(D)	(D)	(D)	(D)	14,107	11,565
Machinery, except electrical	(D)	312,276*	(D)	(D)	(D)	331,593*	729	837	772	918	1,044	1,172
Electric and electronic equipment	(D)	102,795*	86,023*	83,217*	81,743*	79,745*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	44,518*	46,757*	37,321*	36,994	51,446*	46,498*	1,345	1,849	2,882	2,421	1,838	2,038
Motor vehicles and equipment	(D)	(D)	339,562*	299,723*	(D)	298,414*	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,591	1,540	1,541	1,485	1,712	1,954
Instruments and related products	(D)	(D)	(D)	(D)	(D)	11,869*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	23,699	36,318*	40,018*	35,146	34,039	31,819*	418	(D)	613	480	860	959
Transportation and public utilities	701,417	706,966	679,558	690,073	692,616	693,992	37,998	38,891	39,467	41,759	45,314	49,623
Railroad transportation	(D)	24,357	19,981*	20,752	19,124*	19,094	1,097	1,047	889	(D)	(D)	581
Trucking and warehousing	244,855	248,150	218,430	211,487	216,508	225,321	10,306	11,518	12,258	13,753	16,179	17,625
Water transportation	(L)	(D)	(D)	(D)	(D)	(D)	1,905	1,854	2,225	1,813	2,585	4,261
Other transportation[8]	53,841*	56,983*	57,221*	(D)	(D)	67,522*	1,964	1,947	1,831	(D)	(D)	2,341
Communication	242,407*	235,010*	234,009*	239,246*	238,154*	225,421*	14,765	14,335	14,092	14,956	14,730	15,457
Electric, gas, and sanitary services	123,371*	130,642*	133,285*	147,630	148,209	151,044	7,961	8,190	8,172	8,606	8,829	9,358
Wholesale trade	668,495	690,358	696,429	648,180	625,852	639,508	23,960	35,038	35,444	38,657	35,833	39,096
Retail trade	1,103,850	1,171,130	1,157,718	1,113,305	1,085,199	1,139,843	108,429	113,014	119,814	126,748	136,628	144,781
Finance, insurance, and real estate	646,194	662,395	667,169	674,218	656,978	650,675	34,250	38,959	40,754	46,296	48,181	47,011
Banking and credit agencies	236,001*	240,266*	261,249*	272,295	231,896*	225,017*	13,981	15,962	16,771	19,134	19,759	19,484
Other finance, insurance, and real estate[9]	377,670*	382,130*	383,607*	401,923	409,989*	421,211*	20,269	22,997	23,983	27,162	28,422	27,527
Services	1,781,408	1,916,419	2,067,112	2,186,409	2,318,220	2,522,748	161,235	184,329	213,874	240,652	269,267	284,644
Hotels and other lodging places	37,125*	34,707*	43,922*	45,323*	44,283*	44,412*	5,700	5,174	5,909	4,547	3,971	5,242
Personal services	98,755	102,127	127,269	130,307	130,327	136,524	8,101	9,478	12,202	13,045	14,372	15,219
Private households	28,343	31,398	31,359	31,139	30,732*	30,771*	(D)	(D)	1,237	1,247	1,273	1,310
Business services	344,894	384,090	417,827	440,773	458,085	522,188	25,581	31,349	35,784	44,295	46,413	39,543
Auto repair, services, and garages	115,260	132,263	146,726	149,316	154,055	159,009	7,895	9,616	11,318	13,702	14,523	16,528
Miscellaneous repair services	33,478	36,079	33,068	31,580	36,392	43,495	4,095	4,873	4,832	5,874	6,414	6,950
Amusement and recreation services	29,521	29,949	35,210	35,935	37,957	42,683	2,513	3,231	3,027	4,048	4,723	4,998
Motion pictures	(D)	4,922*	5,570*	6,253*	5,754*	5,630*	(D)	(D)	463	(D)	(D)	(D)
Health services	576,363	598,054	627,690	662,325	724,225	790,962	68,572	75,147	89,789	98,136	115,330	125,403
Legal services	172,914	200,051	226,719	251,748	273,832	295,088	6,250	8,034	9,926	10,711	11,627	12,170
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	4,709	5,831	6,136	6,691	7,294	8,580
Social services	38,090*	41,451*	44,122*	48,931*	56,872	58,650	3,559	4,661	5,683	5,957	6,889	8,035
Museums, botanical, zoological gardens	1,843	1,723	1,563	1,509	1,639	1,877	0	0	0	(D)	(D)	(D)
Membership organizations	72,379	74,826*	76,647	79,236	83,156	87,636	13,808	14,761	15,214	17,182	18,868	21,532
Miscellaneous services	184,138	197,181	201,985	217,342	222,772	240,731	8,918	10,434	12,354	14,710	16,990	18,548
Government and government enterprises	2,083,419	2,177,053	2,348,531	2,428,054	2,500,562	2,547,492	389,386	431,405	483,431	519,845	566,547	622,577
Federal, civilian	736,304	787,520	869,077	880,628	912,823	919,471	17,942	18,703	20,593	21,321	22,983	25,719
Military	168,173	187,671	203,568	217,343	231,335	232,056	5,925	6,473	7,639	8,180	8,593	9,243
State and local	1,178,942	1,201,862	1,275,886	1,330,083	1,356,404	1,395,965	365,519	406,229	455,199	490,344	534,971	587,615

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Omaha, NE—IA (MSA)						Orange County, NY (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,389,998**	**8,005,980**	**8,450,919**	**8,811,895**	**9,269,314**	**9,866,841**	**3,315,396**	**3,660,255**	**3,982,294**	**4,395,570**	**4,882,226**	**5,321,153**
Nonfarm personal income	7,361,849	7,949,271	8,355,389	8,706,081	9,188,977	9,786,749	3,294,810	3,634,931	3,957,658	4,366,981	4,850,793	5,292,618
Farm income[1]	28,149	56,709	95,530	105,814	80,337	80,092	20,586	25,324	24,636	28,589	31,433	28,535
Population (thousands)[2]	600.2	606.6	611.0	612.1	613.8	621.6	268.5	272.7	276.0	281.5	287.8	293.5
Per capita personal income (dollars)	**12,312**	**13,198**	**13,831**	**14,397**	**15,101**	**15,873**	**12,348**	**13,424**	**14,428**	**15,617**	**16,962**	**18,128**
Derivation of total personal income:												
Total earnings by place of work	5,817,117	6,362,422	6,749,813	7,086,038	7,436,569	7,902,888	1,657,291	1,846,041	2,026,851	2,209,304	2,469,923	2,707,521
Less: Personal contributions for social insurance[3]	381,683	422,028	471,892	496,762	522,009	581,289	99,046	111,960	128,281	145,326	162,567	186,581
Plus: Adjustment for residence	−169,582	−183,236	−200,220	−222,198	−238,152	−244,228	752,343	831,594	933,269	1,105,752	1,256,225	1,378,634
Equals: Net earnings by place of residence	5,265,852	5,757,158	6,077,701	6,367,078	6,676,408	7,077,371	2,310,588	2,565,675	2,831,839	3,169,730	3,563,581	3,899,574
Plus: Dividends, interest, and rent[5]	1,135,794	1,231,359	1,284,312	1,312,666	1,409,493	1,528,809	457,178	521,230	544,672	580,041	635,875	697,001
Plus: Transfer payments	988,352	1,017,463	1,088,906	1,132,151	1,183,413	1,260,661	547,630	573,350	605,783	645,799	682,770	724,578
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,910,102	5,338,450	5,670,821	5,931,122	6,245,139	6,641,707	1,359,211	1,515,732	1,674,285	1,827,825	2,034,499	2,241,036
Other labor income	466,847	486,420	491,676	512,143	539,485	575,364	121,125	130,118	136,539	149,164	166,126	182,307
Proprietors' income[6]	440,168	537,552	587,316	642,773	651,945	685,817	176,955	200,191	216,027	232,315	269,298	284,178
Farm	17,171	45,847	85,293	96,163	70,785	71,048	10,279	15,231	14,621	18,704	21,096	18,204
Nonfarm	422,997	491,705	502,023	546,610	581,160	614,769	166,676	184,960	201,406	213,611	248,202	265,974
Earnings by industry:												
Farm	28,149	56,709	95,530	105,814	80,337	80,092	20,586	25,324	24,636	28,589	31,433	28,535
Nonfarm	5,788,968	6,305,713	6,654,283	6,980,224	7,356,232	7,822,796	1,636,705	1,820,717	2,002,215	2,180,715	2,438,490	2,678,986
Private	4,700,191	5,146,407	5,421,144	5,697,495	5,992,680	6,386,632	1,199,914	1,346,989	1,486,075	1,632,779	1,854,011	2,035,720
Agricultural services, forestry, fisheries, and other[7]	21,273*	21,719*	20,832*	21,666*	28,458*	31,690*	7,342	7,656	8,149	9,233	13,337	14,292
Agricultural services	20,822*	21,980	20,538*	21,449*	28,250*	31,473*	7,081	7,466	7,960	9,090	13,204	14,149
Forestry, fisheries, and other[7]	498	(D)	299	216	209	218	261	190	189	143	133	143
Mining	15,801*	19,290*	24,378*	(D)	(D)	(D)	3,931	4,762	6,869	3,202	3,655	3,916
Coal mining	2,356	3,083	2,504	2,648	(D)	(D)	(L)	58	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	5,878*	3,425	3,770	5,562	1,812	1,652	1,629
Metal mining	(L)	−53	(L)	(L)	303	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	477	948	1,273	1,346	1,935	2,229
Construction	307,820	338,951*	395,171	401,269	408,047	436,398	81,164	100,379	122,800	160,067	196,956	207,379
Manufacturing	768,747	845,719	851,738	868,059	903,233	984,915	282,456	316,096	325,484	339,228	345,299	374,843
Nondurable goods	376,118*	379,169*	393,474*	425,614	440,367*	475,510*	151,584	172,666	170,951	174,181	170,363	183,318
Food and kindred products	225,438*	208,546	195,184*	197,734*	228,948	254,472	16,099	17,635	13,720	13,190	10,684	8,089
Textile mill products	193*	(D)	(D)	(D)	(D)	(D)	13,628	13,501	11,643	13,116	13,526	15,249
Apparel and other textile products	7,708*	8,597*	(D)	(D)	(D)	(D)	14,940	14,937	13,329	13,392	12,834	12,767
Paper and allied products	23,791*	28,025*	30,586*	35,211*	38,159*	40,211*	24,650	25,798	27,767	24,027	20,501	20,365
Printing and publishing	73,248*	79,753*	92,760*	100,093*	107,494*	115,111*	18,546	19,827	21,910	24,354	26,936	30,906
Chemicals and allied products	(D)	(D)	30,959*	29,540*	29,399*	25,595*	42,871	49,338	50,790	49,773	47,977	55,400
Petroleum and coal products	5,404*	(D)	(D)	(D)	(D)	(D)	2,978	3,430	3,662	6,577	6,789	7,649
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	19,047	20,430	21,685	13,769	24,883	26,409	28,231	29,773	31,391
Leather and leather products	3,061	(D)	(D)	5,796	7,121	(D)	4,103	3,317	1,721	1,521	1,343	1,502
Durable goods	378,980*	452,025*	441,992*	442,445	445,217*	489,740*	130,872	143,430	154,533	165,047	174,936	191,525
Lumber and wood products	(D)	5,569*	(D)	6,686*	8,036	8,760*	(D)	(D)	(D)	(D)	12,959	14,775
Furniture and fixtures	27,398*	31,692*	(D)	(D)	33,062*	35,668*	7,910	7,002	6,548	6,305	9,205	10,458
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	28,853	31,052	26,885	27,099	28,131	32,167
Fabricated metal products	44,458*	46,995*	(D)	(D)	(D)	(D)	24,484	29,882	31,452	31,376	30,515	34,015
Machinery, except electrical	119,335	136,263	128,069	124,826	129,261	143,474	20,262	25,317	28,151	28,378	23,773	17,284
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	16,915	20,598	21,862	22,728	25,571	33,595
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	7,008*	0	0	0	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,483	(D)
Stone, clay, and glass products	(D)	(D)	(D)	15,503*	(D)	(D)	15,765	8,736	11,156	14,828	16,933	21,872
Instruments and related products	6,740*	13,192*	13,842	14,047	14,964	18,558*	7,510	8,458	10,422	11,117	10,685	10,448
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	5,111	6,685	10,028	12,976	14,681	(D)
Transportation and public utilities	780,110	827,870	841,555	840,012	841,587	837,608	150,634	160,344	160,389	152,210	192,799	205,238
Railroad transportation	225,692	251,147	242,279	222,964*	213,244	180,923	2,567	2,577	2,880	3,174	(D)	3,271
Trucking and warehousing	182,798	198,281	198,332	217,539	253,766	(D)	67,149	77,724	79,487	80,400	89,282	99,892
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	−124	−192	(D)	66
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18,502	5,248	27,212	29,330
Communication	220,097*	217,013*	227,584*	227,988*	233,381*	251,760	33,150	32,491	30,882	31,195	36,110	35,958
Electric, gas, and sanitary services	101,066*	108,161	117,952	(D)	71,564	50,418*	22,394	25,778	28,762	32,385	36,775	36,721
Wholesale trade	507,992	551,652	554,458	573,324	620,632	690,254	86,895	92,334	120,173	136,550	156,064	176,646
Retail trade	550,406	583,986	626,936	654,921	675,887	707,770	193,779	215,065	238,977	272,226	307,073	347,245
Finance, insurance, and real estate	522,611	566,874	620,887	686,874	732,730	753,815	57,736	63,370	65,037	81,168	96,179	106,236
Banking and credit agencies	128,841	140,311	152,667	162,421*	168,400*	176,334*	29,305	34,979	30,415	33,594	36,623	39,637
Other finance, insurance, and real estate[9]	393,770	426,563	468,220	521,997*	561,614*	574,754*	28,431	28,391	34,622	47,574	59,556	66,599
Services	1,223,511	1,248,423*	1,482,596	1,635,552	1,767,694	1,931,223	335,977	386,983	438,197	478,895	542,649	599,925
Hotels and other lodging places	26,661*	(D)	(D)	(D)	(D)	(D)	7,862	8,183	10,866	11,362	13,146	14,489
Personal services	52,497	57,012	68,049	74,678	76,742	85,463	17,932	19,964	26,110	29,385	31,749	33,645
Private households	13,479	14,987	15,002	14,818	14,788	14,955	5,431	6,030	6,038	6,011	6,033	6,094
Business services	211,955	269,710	327,814	382,043	412,372	465,885	32,683	41,153	50,963	58,224	67,356	77,415
Auto repair, services, and garages	56,268	63,779	66,083	70,110	70,844	76,233	17,810	22,853	26,060	27,527	31,233	33,690
Miscellaneous repair services	24,709	27,522	26,478	29,860	29,471	35,681	9,583	13,075	12,328	12,408	9,835	11,155
Amusement and recreation services	18,010*	22,933	24,361*	31,707*	34,341*	36,094*	7,380	8,249	7,211	7,890	8,710	8,876
Motion pictures	4,080*	4,409*	4,532*	4,420*	4,504*	4,726*	1,237	1,508	1,633	1,737	1,631	2,602
Health services	474,817	(D)	(D)	535,576	602,521	643,330	134,207	147,694	162,014	170,383	198,968	215,896
Legal services	93,103	113,532	124,583	149,228	156,030	168,350	27,859	35,462	40,750	46,065	52,531	59,385
Educational services	59,815*	(D)	(D)	(D)	(D)	(D)	13,483	14,749	15,875	15,836	16,446	18,112
Social services	44,876*	49,615	53,065	57,075*	62,359*	71,468*	16,603	18,623	21,417	24,620	27,599	31,390
Museums, botanical, zoological gardens	1,951	2,234	2,666	2,854	2,952	3,296	492	531	584	607	721	716
Membership organizations	42,386	45,947	46,679	46,243	49,161	51,848	16,127	17,571	18,875	19,992	21,784	24,152
Miscellaneous services	94,790	107,223	115,487	125,598	132,700	150,953	27,288	31,338	37,473	46,848	54,907	62,308
Government and government enterprises	1,088,777	1,159,306	1,233,139	1,282,729	1,363,552	1,436,164	436,791	473,728	516,140	547,936	584,479	643,266
Federal, civilian	210,531	221,425	232,818	234,147	247,615	256,157	96,341	103,310	112,652	109,583	116,520	130,034
Military	284,988	307,750	331,048	345,675	366,653	371,134	82,963	90,212	96,224	99,371	91,643	92,835
State and local	593,258	630,131	669,273	702,907	749,284	808,873	257,487	280,206	307,264	338,982	376,316	420,397

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Orlando, FL (MSA)						Owensboro, KY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**9,465,091**	**10,594,089**	**11,829,115**	**13,102,718**	**14,544,307**	**16,049,274**	**937,313**	**1,019,437**	**1,044,484**	**1,067,671**	**1,120,689**	**1,186,845**
Nonfarm personal income	9,235,630	10,394,287	11,629,611	12,888,329	14,324,833	15,808,854	948,175	996,847	1,029,565	1,058,721	1,112,640	1,178,028
Farm income[1]	229,461	199,802	199,504	214,389	219,474	240,420	−10,862	22,590	14,919	8,950	8,049	8,817
Population (thousands)[2]	794.9	828.9	862.7	901.3	937.2	971.2	87.8	87.8	87.8	88.2	87.8	87.8
Per capita personal income (dollars)	**11,907**	**12,781**	**13,712**	**14,537**	**15,519**	**16,525**	**10,672**	**11,617**	**11,898**	**12,103**	**12,768**	**13,525**
Derivation of total personal income:												
Total earnings by place of work	7,262,722	8,301,446	9,350,346	10,519,951	11,758,240	13,052,825	609,798	680,261	682,034	698,079	731,857	771,293
Less: Personal contributions for social insurance[3]	378,219	441,216	524,267	596,049	661,524	767,484	32,826	35,411	38,302	40,725	42,776	47,344
Plus: Adjustment for residence	−176,773	−237,700	−299,690	−363,439	−428,501	−492,642	64,810	60,773	64,647	58,862	62,887	64,514
Equals: Net earnings by place of residence	6,707,730	7,622,530	8,526,389	9,560,463	10,668,215	11,792,699	641,782	705,623	708,379	716,216	751,968	788,463
Plus: Dividends, interest, and rent[5]	1,370,800	1,546,924	1,733,469	1,866,111	2,079,397	2,314,439	154,798	164,920	177,726	180,265	188,739	205,170
Plus: Transfer payments	1,386,561	1,424,635	1,569,257	1,676,144	1,796,695	1,942,136	140,733	148,894	158,379	171,190	179,982	193,212
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,999,884	6,908,913	7,783,324	8,705,328	9,739,225	10,834,428	500,526	529,830	539,402	553,233	578,526	609,008
Other labor income	577,390	644,452	702,037	802,191	891,125	987,288	58,466	59,428	56,992	57,955	59,450	61,415
Proprietors' income[6]	685,448	748,081	864,985	1,012,432	1,127,890	1,231,109	50,806	91,003	85,640	86,891	93,881	100,870
Farm	180,018	151,301	151,380	166,595	169,179	189,856	−14,150	19,367	11,704	5,730	4,641	5,376
Nonfarm	505,430	596,780	713,605	845,837	958,711	1,041,253	64,956	71,636	73,936	81,161	89,240	95,494
Earnings by industry:												
Farm	229,461	199,802	199,504	214,389	219,474	240,420	−10,862	22,590	14,919	8,950	8,049	8,817
Nonfarm	7,033,261	8,101,644	9,150,842	10,305,562	11,538,766	12,812,405	620,660	657,671	667,115	689,129	723,808	762,476
Private	6,043,221	7,038,988	7,980,152	9,020,607	10,106,908	11,222,379	540,343	572,478	578,971	595,366	624,806	653,637
Agricultural services, forestry, fisheries, and other[7]	50,091	54,622	59,567	69,660	82,918	95,275	2,058	2,104	1,970	2,075	2,990	2,747
Agricultural services	49,382	54,044	58,928	69,118	82,364	94,651	2,011	2,083	1,951	2,057	2,974	2,729
Forestry, fisheries, and other[7]	709	578	639	542	554	624	(L)	(L)	(L)	(L)	(L)	(L)
Mining	13,376	13,706	20,964	8,175	9,784	9,893	27,606	31,051	28,601	26,200	25,188	18,562
Coal mining	71	73	71	70	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	12,817	13,019	(D)	(D)	(D)	(D)	9,924	9,886	9,509	6,354	5,243	4,166
Metal mining	(D)	(D)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	902*	1,783*	2,209*	2,199*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	599,492	752,406	829,265	929,747	972,279	1,112,625	44,716	50,217	51,231	55,645	61,366	64,740
Manufacturing	983,858	1,142,992	1,316,967	1,472,823	1,600,105	1,776,789	149,993	157,479	152,392	144,211	141,489	151,568
Nondurable goods	255,399	303,045	331,469	347,527	363,427	429,623	68,665	70,771	72,511	78,791	80,588	71,092
Food and kindred products	102,477	108,491	112,323	117,646	111,028	118,649	39,626	38,458	37,976	39,189	38,833	39,942
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	7,601	6,366*	5,820*	6,593*	6,812*	9,697*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	25,582*	25,380*	21,890*	19,821*	18,354*	17,423*	0	0	0	(D)	(D)	(D)
Printing and publishing	73,784	111,416	138,981	147,989	162,490	186,676	3,644	4,110	4,514	5,126	5,545	5,450
Chemicals and allied products	20,305	22,273	24,176*	26,412*	27,013*	29,364*	(D)	(D)	(D)	897	1,135	1,564
Petroleum and coal products	(D)	(D)	(D)	270	446	1,347	1,181	756	616	627	617	684
Tobacco manufactures	0	0	0	0	0	0	11,673	13,678	14,560	15,772	(D)	(D)
Rubber and misc. plastic products	20,784*	24,407*	24,194*	24,874*	32,381*	(D)	11,907	13,031	14,000	17,029	18,592	7,214
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	728,459	839,947	985,498	1,125,296	1,236,678	1,347,166	81,328	86,708	79,881	65,420	60,901	80,476
Lumber and wood products	25,484	29,850	33,551	39,537	42,683	42,667	584	742	794	2,035	2,871	2,812
Furniture and fixtures	11,738	13,099	12,446*	13,897*	16,252*	25,723	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	5,362	6,616	(D)	(D)	(D)	11,728	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	15,257	15,843	15,746	16,723	17,037	19,241
Machinery, except electrical	56,625	78,158	89,962	92,898	92,346	152,894	1,202	1,941	2,129	1,976	1,991	2,192
Electric and electronic equipment	153,073	165,620	175,989	196,893	217,710	230,992*	39,084	38,539	38,086	31,141	23,514	37,763
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	12,800*	15,226*	17,500	20,715	(D)	0	0	0	(D)	(D)
Stone, clay, and glass products	26,102	33,342	35,084	38,830	44,470	46,111	1,585	1,761	1,684	1,761	2,070	2,345
Instruments and related products	28,152*	32,107*	45,341*	51,001*	52,747*	51,637*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	7,217*	5,555	4,980*	5,686*	5,664*	7,372*	0	0	0	(D)	(D)	(D)
Transportation and public utilities	512,032	584,078	649,352	726,328	771,266	832,290	72,747	70,420	72,350	72,445	73,928	75,726
Railroad transportation	12,874	13,289	12,351	(D)	13,332	(D)	2,120	2,313	2,106	1,705	1,397	1,758
Trucking and warehousing	114,107	137,729	148,499	171,378	182,668	207,508	11,257	11,519	12,539	13,384	14,133	15,463
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,367	1,444	1,137	927
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,656	(D)	5,951	6,528	6,014	5,015
Communication	249,103*	280,851*	312,686*	332,725*	333,184*	(D)	(D)	16,156	14,711	13,131	14,285	14,106
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	57,528	60,012	36,581	34,248	35,676	36,253	36,962	38,457
Wholesale trade	550,516	639,008	720,215	745,188	846,382	921,778	31,311	35,211	38,048	39,118	43,664	46,652
Retail trade	867,089	980,954	1,090,085	1,248,472	1,383,624	1,522,482	74,921	78,023	79,319	81,713	82,596	89,597
Finance, insurance, and real estate	482,331	555,364	630,902	729,377	887,743	949,659	22,319	22,552	23,766	28,649	30,333	30,224
Banking and credit agencies	128,804*	142,332	167,215	194,620*	232,450	260,441	9,055	9,980	10,492	11,746	11,896	12,998
Other finance, insurance, and real estate[9]	340,449*	413,032	463,687	513,754*	655,293	689,218	13,264	12,572	13,274	16,903	18,437	17,226
Services	1,984,436	2,315,858	2,662,835	3,090,837	3,552,807	4,001,588	114,672	125,421	131,294	145,310	163,252	173,821
Hotels and other lodging places	(D)	(D)	250,855	314,743	365,670	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	58,198	61,601*	76,667*	88,205*	95,264*	106,079*	9,379	10,011	9,902	10,555	11,257	12,161
Private households	31,186	35,476	36,500	37,259	38,392	39,669	2,028	2,243	2,245	2,232	2,236	2,252
Business services	334,823	432,319	510,644	574,847	653,800	676,455	9,984	10,772	11,525	12,577	14,101	13,766
Auto repair, services, and garages	74,154	86,235	97,069	111,332	122,443	142,617	7,063	7,625	7,850	8,717	9,240	10,541
Miscellaneous repair services	29,058	34,189	33,920	37,961	40,222	41,882	1,828	2,233	1,941	2,498	2,707	3,423
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	2,041	2,552	2,634	2,936	3,139	3,230
Motion pictures	(D)	(D)	(D)	7,281*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	492,666	560,440	626,625	706,347	847,362	957,567	44,440	48,688	53,017	58,580	69,838	75,288
Legal services	114,536	137,740	160,501	190,822	236,681	280,968	7,986	9,442	9,837	11,574	12,521	12,527
Educational services	(D)	(D)	32,023*	33,806*	37,655*	45,047*	8,061	8,627	8,754	9,248	9,620	10,379
Social services	28,700	34,982	39,785	44,966	51,517	66,020	2,018	2,202	2,191	2,311	2,678	3,015
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	57,789	64,088	69,247	76,163	82,425	94,025	4,559	4,761	4,699	4,788	4,842	5,205
Miscellaneous services	214,580	269,750	334,951	435,232	490,659	558,957	8,289	9,092	9,603	12,663	14,268	15,183
Government and government enterprises	990,040	1,062,656	1,170,690	1,284,955	1,431,858	1,590,026	80,317	85,193	88,144	93,763	99,002	108,839
Federal, civilian	178,224	187,329	209,860	215,759	235,809	259,164	7,275	7,973	8,437	8,449	8,647	9,382
Military	219,642	232,981	247,211	275,915	288,783	315,536	3,265	3,251	3,236	3,294	3,771	3,845
State and local	592,174	642,346	713,619	793,281	907,266	1,015,326	69,777	73,969	76,471	82,020	86,584	95,612

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Oxnard—Ventura, CA (PMSA)						Panama City, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,857,891**	**8,663,071**	**9,495,643**	**10,360,589**	**11,430,208**	**12,396,730**	**1,055,541**	**1,177,698**	**1,295,906**	**1,400,032**	**1,497,028**	**1,604,674**
Nonfarm personal income	7,599,912	8,377,657	9,207,461	10,036,041	11,069,534	12,011,524	1,055,122	1,177,170	1,295,351	1,399,264	1,496,364	1,603,998
Farm income[1]	257,979	285,414	288,182	324,548	360,674	385,206	419	528	555	768	664	676
Population (thousands)[2]	574.5	587.3	600.7	612.9	629.1	647.3	106.7	110.3	114.6	119.5	123.2	125.5
Per capita personal income (dollars)	**13,677**	**14,750**	**15,808**	**16,904**	**18,170**	**19,152**	**9,892**	**10,681**	**11,306**	**11,721**	**12,153**	**12,787**
Derivation of total personal income:												
Total earnings by place of work	4,179,082	4,683,270	5,173,356	5,723,342	6,386,286	7,055,566	740,172	847,259	933,519	1,001,503	1,067,193	1,130,679
Less: Personal contributions for social insurance[3]	230,040	258,647	300,561	336,402	375,413	433,178	38,577	45,025	51,834	56,271	59,808	66,383
Plus: Adjustment for residence	1,838,586	1,980,440	2,153,138	2,323,806	2,590,525	2,702,854	−16,516	−22,058	−26,150	−27,150	−28,777	−28,332
Equals: Net earnings by place of residence	5,787,628	6,405,063	7,025,933	7,710,746	8,601,398	9,325,242	685,079	780,176	855,535	918,082	978,608	1,035,964
Plus: Dividends, interest, and rent[4]	1,096,614	1,239,455	1,341,983	1,432,906	1,547,364	1,703,093	146,979	165,502	180,496	205,118	219,177	243,568
Plus: Transfer payments	973,649	1,018,553	1,127,727	1,216,937	1,281,446	1,368,395	223,483	232,020	259,875	276,832	299,243	325,142
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,230,465	3,602,591	4,004,945	4,398,414	4,905,913	5,437,607	624,132	713,387	780,514	829,192	883,364	930,211
Other labor income	313,592	343,601	367,366	412,359	465,741	520,359	49,092	55,163	58,778	63,947	68,541	73,847
Proprietors' income[6]	635,025	737,078	801,045	912,569	1,014,632	1,097,600	66,948	78,709	94,227	108,364	115,288	126,621
Farm	169,531	197,286	197,241	229,837	254,559	280,009	179	289	331	555	451	470
Nonfarm	465,494	539,792	603,804	682,732	760,073	817,591	66,769	78,420	93,896	107,809	114,837	126,151
Earnings by industry:												
Farm	257,979	285,414	288,182	324,548	360,674	385,206	419	528	555	768	664	676
Nonfarm	3,921,103	4,397,856	4,885,174	5,398,794	6,025,612	6,670,360	739,753	846,731	932,964	1,000,735	1,066,529	1,130,003
Private	3,009,606	3,438,359	3,841,368	4,292,836	4,854,232	5,415,271	489,565	572,008	636,168	690,990	729,021	774,040
Agricultural services, forestry, fisheries, and other[7]	79,644	76,385	91,873	91,743	112,928	124,401	5,250	5,357	8,081	11,092	9,541	10,628
Agricultural services	77,780	75,437	88,703	85,871	108,803	119,698	3,229	4,227	3,835	2,588	3,146	(D)
Forestry, fisheries, and other[7]	1,864	948	3,170	5,872	4,125	4,703	2,021	1,130	4,246	8,504	6,395	(D)
Mining	126,497	138,447	148,314	117,460	107,098	120,698	4,781	5,940	6,663	5,749	431	440
Coal mining	(L)	63	73	59	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	117,922	128,563	137,501	106,409	96,025	(D)	(D)	(D)	(D)	(D)	428	420
Metal mining	(L)	(D)	(L)	0	89	95	0	0	0	0	0	0
Nonmetallic minerals, except fuels	8,540	(D)	10,750	10,992	10,968	(D)	(D)	(D)	(D)	(D)	0	(D)
Construction	252,074	321,637	364,252	434,068	518,052	595,549	61,046	81,085	93,381	91,251	90,801	88,156
Manufacturing	655,863	727,513	828,892	866,773	934,757	1,014,039	72,674	85,859	85,001	90,727	89,393	94,610
Nondurable goods	158,912	167,647	170,677	154,360	169,983	177,109	40,766	47,098	42,225	49,189	51,218	55,925
Food and kindred products	43,396	49,888	46,559	35,465	30,056	29,389	(D)	(D)	(D)	(D)	1,280	495
Textile mill products	(D)	(D)	283	(D)	(D)	771	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	8,941	9,925	11,755	12,650	14,338	29,820	(D)	3,302	(D)	1,107	(D)	(D)
Paper and allied products	32,802	30,195	33,058	32,899	33,569	33,452	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	25,747	29,838	32,930	37,867	42,695	44,634	3,927	4,713	5,341	5,807	6,654	7,010
Chemicals and allied products	10,264	7,951	7,198	8,521	20,702	22,518	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	4,354	5,281	9,465	4,042	1,754	799	(D)	(D)	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	31,251	33,457	29,302	22,342	25,590	14,443	1,917	2,082	1,886	2,257	2,379	2,572
Leather and leather products	(D)	(D)	127	(D)	(D)	1,283	0	0	0	0	0	0
Durable goods	496,951	559,866	658,215	712,413	764,774	836,930	31,908	38,761	42,776	41,538	38,175	38,685
Lumber and wood products	6,497	7,191	5,985	6,388	8,838	9,046	5,796	6,636	7,092	7,478	7,140	7,222
Furniture and fixtures	7,132	9,403	12,260	5,296	6,190	12,665	(D)	(D)	(D)	646	685	723
Primary metal industries	14,660	16,845	16,177	17,785	19,649	20,851	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	41,997	49,648	36,583	38,129	37,402	39,472	6,492	6,431	5,167	4,536	3,262	3,410
Machinery, except electrical	89,844	92,384	105,330	100,712	102,900	122,640	(D)	(D)	(D)	2,452	3,723	4,821
Electric and electronic equipment	111,770	140,516	212,693	231,045	250,044	256,953	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	164,159	172,167	198,047	216,808	238,266	242,039	(D)	7,414	8,650	9,934	6,949	6,458
Motor vehicles and equipment	2,627	4,749	4,781	4,586	4,397	4,024	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	5,923	8,375	9,719	13,071	13,126	31,013	(D)	(D)	(D)	(D)	(D)	3,416
Instruments and related products	41,003	49,734	49,730	72,291	76,162	90,624	(D)	(D)	469	426	462	(D)
Miscellaneous manufacturing industries	11,339	8,854	6,910	6,302	7,800	7,603	4,216	3,946	3,966	3,542	4,428	4,490
Transportation and public utilities	202,705	221,672	273,049	379,288	429,233	441,422	44,289	48,345	55,485	56,067	58,515	57,329
Railroad transportation	2,208	2,302	2,147	1,932	1,817	1,445	(D)	(D)	(D)	(D)	3,345	(L)
Trucking and warehousing	43,003	50,138	51,829	56,766	61,532	69,070	6,481	8,792	9,982	11,112	11,812	12,124
Water transportation	6,123	(D)	(D)	11,461	13,113	11,865	7,483	7,583	9,319	6,295	6,424	8,732
Other transportation[8]	(D)	(D)	(D)	43,648	(D)	(D)	2,182	2,174	2,429	3,265	4,477	4,148
Communication	(D)	78,658	121,893	213,029	(D)	(D)	17,231	17,680	19,683	18,794	18,687	17,858
Electric, gas, and sanitary services	44,806	47,363	48,837	52,452	55,725	60,490	(D)	(D)	(D)	(D)	13,770	14,424
Wholesale trade	165,033	191,110	208,037	219,689	246,889	343,957	25,279	26,182	29,477	30,637	33,419	35,214
Retail trade	460,648	514,577	550,020	606,617	668,205	729,972	107,910	124,009	137,756	153,531	159,312	169,884
Finance, insurance, and real estate	205,388	230,967	231,178	273,959	330,874	372,363	31,403	35,293	40,095	44,023	49,600	53,202
Banking and credit agencies	70,667	78,060	82,898	95,531	110,257	128,792	12,081	14,611	17,255	19,030	21,085	23,764
Other finance, insurance, and real estate[9]	134,721	152,907	148,280	178,428	220,617	243,571	19,322	20,682	22,840	24,993	28,515	29,438
Services	861,754	1,016,051	1,145,753	1,303,239	1,506,196	1,672,870	136,933	159,938	180,229	207,913	238,009	264,577
Hotels and other lodging places	12,612	16,677	23,411	32,698	34,605	39,054	15,768	17,760	19,155	21,545	25,154	27,033
Personal services	44,423	46,517	60,386	64,281	70,211	76,356	6,922	7,998	10,360	12,084	12,906	14,892
Private households	11,763	13,270	13,561	13,803	14,155	14,583	4,951	5,630	5,798	5,917	6,097	6,300
Business services	197,374	258,920	309,007	352,535	430,877	490,740	15,694	18,838	20,680	24,463	28,132	32,031
Auto repair, services, and garages	42,326	49,942	57,508	64,366	71,094	80,433	7,266	9,078	10,024	10,975	11,675	12,209
Miscellaneous repair services	26,117	33,673	35,729	33,253	31,899	39,033	5,101	5,590	5,857	8,573	8,218	8,646
Amusement and recreation services	14,254	18,943	22,008	24,410	24,515	29,863	4,856	5,729	6,117	6,390	7,457	7,919
Motion pictures	4,534	6,173	6,091	7,783	9,260	12,802	419	447	438	461	443	456
Health services	297,172	330,867	355,305	402,424	477,049	505,986	40,980	45,683	49,890	56,167	68,308	79,808
Legal services	38,428	45,170	49,844	57,575	66,705	73,252	6,352	8,036	9,643	10,448	12,616	12,867
Educational services	25,115	29,433	31,182	34,936	37,118	40,240	2,711	3,088	2,992	3,205	4,321	9,206
Social services	11,351	14,862	18,730	19,533	22,267	24,923	3,730	5,139	6,195	6,677	7,717	7,603
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	42,387	45,092	49,348	47,577	51,403	55,325	6,132	8,027	9,139	10,380	11,393	10,165
Miscellaneous services	93,898	106,512	113,643	148,065	165,038	190,280	16,051	18,895	23,941	30,628	33,572	35,442
Government and government enterprises	911,497	959,497	1,043,806	1,105,958	1,171,380	1,255,089	250,188	274,723	296,796	309,745	337,508	355,963
Federal, civilian	271,536	284,692	309,553	317,210	332,542	362,356	65,155	74,949	80,486	82,589	92,433	98,176
Military	136,203	142,253	152,050	149,394	144,589	151,116	98,929	107,254	115,794	116,147	121,047	121,755
State and local	503,758	532,552	582,203	639,354	694,249	741,617	86,104	92,520	100,516	111,009	124,028	136,032

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Parkersburg—Marietta, WV—OH (MSA)						Pascagoula, MS (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,600,365**	**1,697,982**	**1,789,156**	**1,841,275**	**1,920,213**	**2,037,508**	**1,115,465**	**1,132,614**	**1,131,705**	**1,280,726**	**1,316,850**	**1,395,387**
Nonfarm personal income	1,598,348	1,694,968	1,787,058	1,837,902	1,916,165	2,034,146	1,113,908	1,130,882	1,129,835	1,278,574	1,313,916	1,391,551
Farm income[1]	2,017	3,014	2,098	3,373	4,048	3,362	1,557	1,732	1,870	2,152	2,934	3,836
Population (thousands)[2]	158.5	158.1	157.5	156.7	155.4	154.4	126.2	125.4	126.8	128.2	128.2	128.1
Per capita personal income (dollars)	**10,099**	**10,739**	**11,358**	**11,748**	**12,360**	**13,198**	**8,837**	**9,031**	**8,922**	**9,987**	**10,276**	**10,892**
Derivation of total personal income:												
Total earnings by place of work	1,149,955	1,220,271	1,278,097	1,310,460	1,375,439	1,464,986	966,298	943,229	997,561	1,097,855	1,096,971	1,164,347
Less: Personal contributions for social insurance[3]	69,789	74,581	82,324	84,973	88,653	99,188	52,359	51,223	57,313	65,882	65,070	71,687
Plus: Adjustment for residence	−14,265	−11,443	−14,268	−15,498	−18,326	−25,266	−95,886	−62,790	−70,069	−95,309	−81,084	−89,912
Equals: Net earnings by place of residence	1,065,901	1,134,247	1,181,505	1,209,989	1,268,460	1,340,532	818,053	829,216	870,179	936,664	950,817	1,002,748
Plus: Dividends, interest, and rent[5]	241,542	263,894	282,580	286,501	291,885	315,317	107,828	116,739	63,428	135,543	145,221	157,756
Plus: Transfer payments	292,922	299,841	325,071	344,785	359,868	381,659	189,584	186,659	198,098	208,519	220,812	234,883
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	957,003	1,013,810	1,066,422	1,088,568	1,139,653	1,215,135	801,968	778,662	827,996	904,548	897,066	955,939
Other labor income	105,973	109,139	107,741	109,562	112,245	119,857	116,887	110,767	109,101	120,548	121,831	125,544
Proprietors' income[6]	86,979	97,322	103,934	112,330	123,541	129,994	47,443	53,800	60,464	72,759	78,074	82,864
Farm	756	1,768	892	2,201	2,846	2,185	1,394	1,571	1,715	2,001	2,780	3,684
Nonfarm	86,223	95,554	103,042	110,129	120,695	127,809	46,049	52,229	58,749	70,758	75,294	79,180
Earnings by industry:												
Farm	2,017	3,014	2,098	3,373	4,048	3,362	1,557	1,732	1,870	2,152	2,934	3,836
Nonfarm	1,147,938	1,217,257	1,275,999	1,307,087	1,371,391	1,461,624	964,741	941,497	995,691	1,095,703	1,094,037	1,160,511
Private	994,633	1,057,940	1,106,047	1,128,667	1,180,045	1,259,882	848,355	812,046	851,339	934,809	943,011	978,043
Agricultural services, forestry, fisheries, and other[7]	3,266	3,168	3,306	3,321	5,284	5,559	3,405	2,534	4,192	5,943	4,604	5,516
Agricultural services	3,055	2,999	3,234	3,303	5,252	5,529	963	806	970	1,285	1,484	1,841
Forestry, fisheries, and other[7]	211	169	72	(L)	(L)	(L)	2,442	1,728	3,222	4,658	3,120	3,675
Mining	26,485	26,958	26,426	18,109	14,516	12,878	1,393	2,524	1,928	796	2,199	1,931
Coal mining	524	648	658	(D)	473	476	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	25,817	26,112	25,572	17,184	13,899	12,260	(D)	2,506	1,905	776	2,185	1,917
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	144	198	196	(D)	144	142	(D)	0	0	0	0	0
Construction	73,559	77,157	82,837	82,768	97,755	109,266	139,667	60,248	57,187	63,657	65,093	71,030
Manufacturing	420,458	453,172	460,206	467,502	472,193	503,703	477,467	507,230	525,056	576,611	572,773	589,683
Nondurable goods	249,611	262,727	267,875	278,648	287,623	317,137	141,891	152,966	149,144	154,250	156,483	165,822
Food and kindred products	15,421	(D)	(D)	(D)	(D)	(D)	15,559	17,757	15,602	14,800	16,303	15,303
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	6,880	6,919	7,543	8,389	8,733	9,798	2,129	2,196	2,349	2,572	2,823	6,857
Chemicals and allied products	(D)	221,561	225,151	233,835	243,085	(D)	19,773	22,018	22,351	23,680	23,291	28,926
Petroleum and coal products	889	965	869	842	343	0	61,320	63,793	62,472	64,115	62,392	62,378
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)	716	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	170,847	190,445	192,331	188,854	184,570	186,566	335,576	354,264	375,912	422,361	416,290	423,861
Lumber and wood products	4,365	5,099	5,477	6,491	6,908	8,074	3,119	4,026	3,564	3,775	3,852	3,884
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	0	0
Primary metal industries	37,180*	45,648*	(D)	34,264*	(D)	36,369*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	38,737	41,668	45,210	46,011	48,887	32,901	3,456	5,280	2,969	3,919	2,954	2,394
Machinery, except electrical	2,995	3,040	2,826	2,287	1,888	2,159	1,404	1,174	3,420	5,671	4,127	6,239
Electric and electronic equipment	(D)	11,807*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Stone, clay, and glass products	54,156	55,680	57,971	55,316	51,662	57,247	5,859	6,312	5,617	5,358	4,709	1,637
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	5,572	7,190	7,614	5,921	5,730	6,240
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	57	(D)
Transportation and public utilities	63,131	66,805	65,749	67,344	69,220	76,293	32,242	32,527	35,721	35,559	40,637	42,487
Railroad transportation	7,837	7,362	5,976	5,830	5,801	7,276	4,873	3,323	1,935	1,643	1,442	1,165
Trucking and warehousing	21,125	23,683	23,196	23,325	24,378	26,180	4,737	5,747	8,332	8,224	8,704	9,771
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	4,884	5,381	6,321	5,826	6,990	8,820
Other transportation[8]	6,301*	6,239*	(D)	(D)	(D)	(D)	854	838	(D)	(D)	923	1,214
Communication	(D)	14,346	12,574	13,082	13,342	13,836	4,632	4,296	4,928	4,302	4,629	4,714
Electric, gas, and sanitary services	12,430	13,367	14,834	16,026	16,761	19,274	12,262	12,942	(D)	(D)	17,949	16,803
Wholesale trade	50,874	52,749	57,177	58,594	56,945	60,782	17,118	17,631	19,601	18,655	19,458	20,288
Retail trade	126,691	130,593	136,120	138,740	145,766	149,919	63,431	66,842	73,078	78,074	77,008	79,956
Finance, insurance, and real estate	36,124	37,763	38,813	42,659	46,553	48,097	23,745	19,723	21,268	23,879	25,782	26,154
Banking and credit agencies	18,600	19,495	20,976	23,308	23,763	23,455	10,815	10,786	11,744	12,327	12,484	12,507
Other finance, insurance, and real estate[9]	17,524	18,268	17,837	19,351	22,790	24,642	12,930	8,937	9,524	11,552	13,298	13,647
Services	194,045	209,575	235,413	249,630	271,813	293,385	89,887	102,787	113,308	131,635	135,457	140,998
Hotels and other lodging places	5,090	4,780	4,787	5,877	6,004	5,875	2,687	2,881	3,784	4,276	3,645	3,715
Personal services	11,135	11,046	14,008	14,143	15,394	16,166	3,782	3,634	4,472	5,045	5,023	5,474
Private households	4,642	5,117	5,095	5,034	5,024	5,034	4,231	4,713	4,743	4,725	4,730	4,761
Business services	30,957	36,355	48,830	50,339	56,594	61,507	13,419	15,499	19,194	23,718	23,338	22,958
Auto repair, services, and garages	7,247	7,985	8,884	9,875	10,963	12,157	4,212	4,995	5,397	6,900	6,826	7,099
Miscellaneous repair services	3,760	4,325	5,825	5,579	5,391	6,272	3,675	4,036	4,709	5,627	6,850	3,333
Amusement and recreation services	2,917	3,333	4,027	4,170	4,440	4,633	1,456	3,138	3,610	4,139	(D)	(D)
Motion pictures	625	694	661	(D)	(D)	(D)	199	201	223	214	(D)	(D)
Health services	83,708	88,055	94,689	99,453	108,919	117,877	25,768	28,006	30,583	32,821	36,825	38,374
Legal services	8,123	9,448	9,679	11,138	11,608	12,667	7,657	8,549	8,615	10,247	14,041	16,607
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,293	1,299	1,440	1,408	1,535	1,670
Social services	(D)	(D)	7,246	7,246	7,787	8,536	1,551	1,619	1,656	1,393	1,650	2,176
Museums, botanical, zoological gardens	0	0	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	10,684	11,256	11,447	11,680	12,274	13,167	5,275	5,304	5,209	5,039	4,947	4,949
Miscellaneous services	10,400	11,492	10,965	14,781	16,679	18,135	14,682	18,913	19,673	26,083	24,585	28,347
Government and government enterprises	153,305	159,317	169,952	178,420	191,346	201,742	116,386	129,451	144,352	160,894	151,026	182,468
Federal, civilian	39,304	38,965	38,567	37,667	41,922	45,762	16,539	20,874	21,999	22,501	24,583	25,714
Military	2,362	2,405	2,628	2,855	2,968	3,087	13,442	15,738	22,931	30,703	12,736	32,300
State and local	111,639	117,947	128,757	137,898	146,456	152,893	86,405	92,839	99,422	107,690	113,707	124,454

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Pensacola, FL (MSA)						Peoria, IL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,125,777**	**3,397,610**	**3,641,272**	**3,899,765**	**4,173,860**	**4,462,727**	**4,196,737**	**4,510,483**	**4,636,832**	**4,764,136**	**4,990,706**	**5,423,370**
Nonfarm personal income	3,123,743	3,389,669	3,636,934	3,896,006	4,166,619	4,454,136	4,200,579	4,438,790	4,550,691	4,685,920	4,923,999	5,365,219
Farm income[1]	2,034	7,941	4,338	3,759	7,241	8,591	−3,842	71,693	86,141	78,216	66,707	58,151
Population (thousands)[2]	314.7	322.4	328.3	337.4	345.8	349.9	359.8	354.1	346.7	340.8	338.8	340.4
Per capita personal income (dollars)	**9,933**	**10,538**	**11,092**	**11,558**	**12,069**	**12,753**	**11,664**	**12,739**	**13,374**	**13,980**	**14,732**	**15,933**
Derivation of total personal income:												
Total earnings by place of work	2,280,047	2,474,030	2,616,439	2,785,962	2,968,216	3,136,670	2,982,292	3,308,996	3,377,280	3,473,140	3,668,603	4,070,485
Less: Personal contributions for social insurance[3]	119,353	131,278	144,930	156,089	165,848	183,132	182,429	199,055	213,635	226,289	238,176	277,579
Plus: Adjustment for residence	−11,950	−8,166	1,546	601	1,177	5,898	−98,517	−124,615	−117,147	−139,035	−143,185	−183,061
Equals: Net earnings by place of residence	2,148,744	2,334,586	2,473,055	2,630,474	2,803,545	2,959,436	2,701,346	2,985,326	3,046,498	3,107,816	3,287,242	3,609,845
Plus: Dividends, interest, and rent[5]	354,514	415,629	454,726	507,407	550,021	610,832	808,346	871,372	885,231	920,983	936,228	1,021,736
Plus: Transfer payments	622,519	647,395	713,491	761,884	820,294	892,459	687,045	653,785	705,103	735,337	767,236	791,789
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,959,798	2,110,272	2,228,321	2,357,345	2,497,939	2,627,159	2,467,483	2,682,433	2,729,656	2,800,564	2,965,311	3,315,176
Other labor income	163,884	173,995	178,090	188,916	201,945	217,144	279,627	296,616	289,276	296,892	314,280	348,778
Proprietors' income[6]	156,365	189,763	210,028	239,701	268,332	292,367	235,182	329,947	358,348	375,684	389,012	406,531
Farm	77	6,014	2,464	1,906	5,287	6,628	−12,727	62,973	77,457	69,659	57,762	49,264
Nonfarm	156,288	183,749	207,564	237,795	263,045	285,739	247,909	266,974	280,891	306,025	331,250	357,267
Earnings by industry:												
Farm	2,034	7,941	4,338	3,759	7,241	8,591	−3,842	71,693	86,141	78,216	66,707	58,151
Nonfarm	2,278,013	2,466,089	2,612,101	2,782,203	2,960,975	3,128,079	2,986,134	3,237,303	3,291,139	3,394,924	3,601,896	4,012,334
Private	1,495,729	1,652,373	1,759,715	1,885,854	2,006,353	2,127,630	2,692,214	2,935,899	2,976,899	3,064,533	3,252,914	3,644,458
Agricultural services, forestry, fisheries, and other[7]	6,777	7,285	9,121	9,213	10,464	11,639	16,077	16,382	15,753	16,727	21,579	24,957
Agricultural services	5,191	6,198	6,961	7,038	8,700	9,701	15,778	16,113	15,627	16,707	21,446	(D)
Forestry, fisheries, and other[7]	1,586	1,087	2,160	2,175	1,764	1,938	299	269	126	(L)	133	(D)
Mining	18,258	17,287	16,627	10,665	9,784	9,532	11,995	11,034	9,256	3,853	3,655	3,475
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,410*	5,836*	7,294*	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	(D)	(D)	0	(D)	0
Nonmetallic minerals, except fuels	(D)	1,258*	1,371*	1,457*	1,262*	1,321*	(D)	1,220*	(D)	(D)	(D)	(D)
Construction	166,676	187,492	209,301	224,290	224,472	226,939	206,503	201,902	191,354	209,263	230,230	285,932
Manufacturing	315,828	335,133	341,583	339,202	339,169	355,579	1,033,068	1,191,719	1,197,826	1,187,288	1,224,642	1,401,170
Nondurable goods	(D)	259,612	262,177	247,586	243,690	257,079	124,521	147,232	152,960	149,566	162,123	167,915
Food and kindred products	15,561*	16,369*	17,586*	18,124*	14,517*	12,167*	40,285	41,064	39,943	34,048	38,661	36,473
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	48,997	53,008	50,975	(D)	54,653	61,250	17,736*	18,086*	(D)	19,978*	(D)	(D)
Printing and publishing	10,541	11,996	13,280	14,893	16,033	16,755	43,702	45,418	48,374*	51,715*	53,414	59,096
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	355	456	727	812	729	591	165	215	(D)	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	543	557	503	409	499	(D)	3,480*	4,252*	(D)	(D)	9,616*	10,528*
Leather and leather products	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0	0	0
Durable goods	67,500*	75,521	79,406	91,616	95,479	98,500	908,547	1,044,487	1,044,866	1,037,722	1,062,519	1,233,255
Lumber and wood products	8,410	7,502	6,754	6,165	6,770	6,851	12,623	12,433	(D)	9,051*	10,146*	13,992
Furniture and fixtures	(D)	(D)	(D)	3,506	4,431	5,220*	(D)	1,669*	1,902*	2,557*	3,408*	3,279
Primary metal industries	0	0	0	(D)	(D)	(D)	98,491*	136,023*	122,284*	112,181*	114,502*	119,885*
Fabricated metal products	28,015*	31,683	29,949*	34,546*	37,834*	35,919*	(D)	39,444*	38,341*	34,834*	36,852*	42,611*
Machinery, except electrical	3,317*	3,692	4,173*	5,318*	5,715*	6,324*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	2,342	2,252	1,365	(D)	4,287*	5,555*	6,105	7,521	7,975	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	1,530*	1,627*	2,140*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)
Stone, clay, and glass products	22,251	25,398	27,761	30,966	28,641*	30,939	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	657*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,236	1,228	1,409	1,402	1,392	1,112*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	146,752	160,765	166,017	178,757	182,073	193,772	203,337	221,852	214,894	219,127	231,378	238,536
Railroad transportation	13,979	14,014	12,432	11,000	9,598	10,618	17,608	18,631	17,423	16,167	14,557*	13,753
Trucking and warehousing	25,231	29,256	31,231	32,994	35,443	41,705	48,326	54,896	52,070	56,863	66,941	73,803
Water transportation	9,119*	8,366*	7,817*	6,817*	7,294*	8,690*	(D)	(D)	(D)	(D)	3,097	4,078
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	14,159*	14,423*
Communication	39,092	41,825	41,100	40,339	40,808	39,110	41,724	46,646	43,770	41,754	47,352	47,733
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	82,580	(D)	(D)	83,411	83,164*
Wholesale trade	87,061	97,229	99,998	109,172	119,489	127,189	170,896	185,472	188,107	195,347	207,653	223,229
Retail trade	233,668	255,063	276,203	302,195	314,808	328,383	295,638	306,016	309,207	311,953	322,745	345,985
Finance, insurance, and real estate	75,235	84,467	89,524	102,773	115,978	116,976	139,358	142,604	147,039	155,391	175,871	199,768
Banking and credit agencies	32,619	37,966	42,441	48,173	53,447	54,598	55,300*	54,538*	53,493*	58,021*	61,193*	68,128*
Other finance, insurance, and real estate[9]	42,616	46,501	47,083	54,600	62,531	62,378	79,672*	83,583*	88,395*	90,418*	106,529*	121,111*
Services	445,474	507,652	551,341	609,587	690,116	757,621	615,342	658,918	703,463	765,584	835,161	921,406
Hotels and other lodging places	11,224	13,071	13,531	14,764	14,351	12,940	13,077*	13,801*	15,313*	14,935*	(D)	(D)
Personal services	17,011	19,749	23,244	25,220	26,873	29,484	33,846	31,834	39,327	41,108	44,664	49,889
Private households	11,761	13,346	13,726	14,020	14,456	14,940	6,741	7,475	7,490	7,449	(D)	(D)
Business services	47,575	54,916	65,767	80,735	89,950	96,604	88,479	97,934	107,872	124,591	143,655	164,814
Auto repair, services, and garages	17,774	22,028	23,568	25,846	27,215	32,159	18,736	20,264	22,202	25,088	26,161	29,235
Miscellaneous repair services	10,780	13,682	13,205	16,290	18,623	15,064	9,650	11,060	9,894	11,428	12,856	15,504
Amusement and recreation services	5,979	6,967	7,376	7,179	7,813	10,026	8,687	9,180	9,406	10,724	11,183	10,891
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,397	1,476	1,531	1,587
Health services	212,726	231,618	243,683	255,753	297,606	327,337	268,473	284,116	305,649	325,087	353,243	381,460
Legal services	25,559	31,966	37,753	42,265	52,385	58,019	41,243	44,551	46,859	51,823	55,336	63,770
Educational services	9,423	10,753	11,881	12,392	13,873	15,239	27,353*	29,594*	(D)	(D)	(D)	(D)
Social services	13,136	14,633	15,844	19,027	21,368	24,326	21,186*	22,867*	22,810*	24,526*	(D)	32,800*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	17,062	18,965	19,939	20,660	22,106	24,352	28,987	29,674	29,305	29,711	31,769	33,287
Miscellaneous services	44,441	54,747	60,512	73,963	82,207	95,624	44,393	52,756	52,595	61,340	68,798	73,439
Government and government enterprises	782,284	813,716	852,386	896,349	954,622	1,000,449	293,920	301,404	314,240	330,391	348,982	367,876
Federal, civilian	264,396	277,296	296,728	286,184	306,313	329,175	49,361	49,720	51,279	52,124	54,840	60,312
Military	288,249	292,369	291,135	322,707	334,931	327,900	6,114	10,163	11,395	12,120	12,278	12,677
State and local	229,639	244,051	264,523	287,458	313,378	343,374	238,445	241,521	251,566	266,147	281,864	294,887

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Philadelphia, PA—NJ (PMSA)						Phoenix, AZ (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**63,099,011**	**67,802,850**	**73,075,758**	**77,887,162**	**84,206,863**	**91,045,623**	**20,676,917**	**23,492,809**	**26,490,527**	**29,063,680**	**31,725,294**	**34,125,967**
Nonfarm personal income	62,950,002	67,614,316	72,871,683	77,698,112	84,005,841	90,840,554	20,547,211	23,271,760	26,301,393	28,867,884	31,513,820	33,901,442
Farm income[1]	149,009	188,534	204,075	189,050	201,022	205,069	129,706	221,049	189,134	195,796	211,474	224,525
Population (thousands)[2]	4,751.9	4,772.4	4,790.9	4,835.9	4,883.9	4,920.4	1,657.6	1,731.6	1,816.7	1,898.0	1,978.0	2,029.5
Per capita personal income (dollars)	**13,279**	**14,207**	**15,253**	**16,106**	**17,242**	**18,504**	**12,474**	**13,567**	**14,582**	**15,312**	**16,039**	**16,815**
Derivation of total personal income:												
Total earnings by place of work	43,805,849	47,539,366	51,332,507	55,215,882	60,395,733	65,430,344	15,043,283	17,380,695	19,635,181	21,652,933	23,479,171	25,218,978
Less: Personal contributions for social insurance[3]	2,707,231	3,008,336	3,379,936	3,730,107	3,998,443	4,523,929	866,790	1,002,214	1,177,881	1,348,366	1,443,372	1,616,824
Plus: Adjustment for residence	1,082,960	1,184,750	1,238,387	1,106,587	1,105,665	1,326,351	−46,057	−62,280	−67,795	−68,100	−69,308	−76,792
Equals: Net earnings by place of residence	42,181,578	45,715,780	49,190,958	52,592,362	57,502,955	62,232,766	14,130,436	16,316,201	18,389,505	20,236,467	21,966,491	23,525,362
Plus: Dividends, interest, and rent[5]	10,284,122	11,318,762	12,345,853	12,986,752	13,923,551	15,245,661	3,788,546	4,261,439	4,804,845	5,224,005	5,842,773	6,360,171
Plus: Transfer payments	10,633,311	10,768,308	11,538,947	12,308,048	12,780,357	13,567,196	2,757,935	2,915,169	3,296,177	3,603,208	3,916,030	4,240,434
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	36,279,067	39,402,738	42,516,043	45,719,455	50,005,030	54,247,761	12,673,780	14,592,891	16,575,239	18,262,497	19,771,823	21,272,815
Other labor income	3,869,971	4,000,820	4,132,397	4,448,097	4,829,954	5,203,980	1,225,815	1,346,418	1,464,435	1,631,615	1,742,418	1,860,081
Proprietors' income[6]	3,656,811	4,135,808	4,684,067	5,048,330	5,560,749	5,978,603	1,143,688	1,441,386	1,595,507	1,758,821	1,964,930	2,086,082
Farm	79,545	120,873	136,474	121,901	129,835	133,231	62,690	156,835	125,882	132,443	145,093	157,826
Nonfarm	3,577,266	4,014,935	4,547,593	4,926,429	5,430,914	5,845,372	1,080,998	1,284,551	1,469,625	1,626,378	1,819,837	1,928,256
Earnings by industry:												
Farm	149,009	188,534	204,075	189,050	201,022	205,069	129,706	221,049	189,134	195,796	211,474	224,525
Nonfarm	43,656,840	47,350,832	51,128,432	55,026,832	60,194,711	65,225,275	14,913,577	17,159,646	19,446,047	21,457,137	23,267,697	24,994,453
Private	37,139,963	40,492,135	43,873,608	47,579,495	52,079,095	56,659,608	12,734,566	14,828,359	16,822,199	18,559,838	20,093,551	21,551,993
Agricultural services, forestry, fisheries, and other[7]	160,838	171,447	187,586	217,765	266,668	308,876	100,051	113,763	120,126	137,445	157,051	170,765
Agricultural services	154,976	166,653	180,076	209,316	259,236	300,688	97,616	112,477	115,757	131,331	152,606	165,777
Forestry, fisheries, and other[7]	5,862	4,794	7,510	8,449	7,432	8,188	2,435	1,286	4,369	6,114	4,445	4,988
Mining	132,918	146,593	208,055	97,473	90,054	90,248	55,146	57,487	76,537	34,314	37,275	52,582
Coal mining	(D)	(D)	1,872*	2,014*	1,119	1,133	232	535	299	287	184	137
Oil and gas extraction	104,168*	113,553*	(D)	(D)	49,357*	46,976*	36,647	39,480	60,249	18,197	15,829	16,213
Metal mining	(D)	(D)	(L)	(L)	242	190	14,041	11,947	10,477	8,573	14,902	29,407
Nonmetallic minerals, except fuels	21,328*	24,902*	(D)	(D)	35,939*	38,605*	4,226	5,525	5,512	7,257	6,360	6,825
Construction	2,354,787	2,696,609	2,669,039*	3,178,948*	3,642,658*	4,091,722*	1,479,711	1,812,251	2,171,882	2,293,232	2,083,707	2,026,718
Manufacturing	10,319,705	10,963,711	11,565,243	11,853,037	12,208,870	12,914,655	2,858,451	3,310,615	3,591,178	3,900,983	4,235,695	4,508,111
Nondurable goods	4,788,802	4,963,599	5,245,089	5,413,544	5,596,541	5,939,403	487,699	537,810	566,635	640,341	701,508	776,339
Food and kindred products	777,594	814,154	868,323	884,029	923,375	970,553	133,495	130,331	131,277	149,624	151,275	153,684
Textile mill products	148,678*	146,443*	(D)	(D)	130,412*	126,101*	1,657	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	367,196*	411,045	395,250	373,900	358,165	380,017	32,288	37,193	38,324	43,931	47,626	54,585
Paper and allied products	482,568*	517,828*	544,184*	581,439*	599,910*	631,413*	13,944	15,970	17,234	19,818	20,208	25,562
Printing and publishing	829,542	870,529	968,623	1,039,138	1,108,124	1,189,103	186,036	217,157	237,755	262,051	304,230	324,197
Chemicals and allied products	1,253,126	1,305,806	1,412,922	1,498,572	1,547,481	1,707,892	75,082	80,889	81,137	90,816	97,486	122,291
Petroleum and coal products	607,616	548,530*	572,711	560,627*	577,286*	578,575*	3,216	3,073	3,301	3,071	4,680	4,057
Tobacco manufactures	1,966	2,188	2,210	2,456	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	258,123*	293,921*	315,128	310,263	319,936	322,554	41,049	(D)	(D)	(D)	(D)	(D)
Leather and leather products	11,747*	12,458*	(D)	(D)	(D)	(D)	911	1,269	1,461	1,949	2,394	2,605
Durable goods	5,530,903	6,000,112	6,320,154	6,439,493	6,612,329	6,975,252	2,370,752	2,772,805	3,024,543	3,260,642	3,534,187	3,731,772
Lumber and wood products	49,230	(D)	(D)	(D)	90,369	88,612	72,583	83,666	89,171	105,329	125,706	111,614
Furniture and fixtures	139,606*	167,294*	178,831*	191,977*	(D)	(D)	34,019	41,966	49,114	52,770	48,945	53,031
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	110,786	120,376	145,999	151,947	156,339	182,499
Fabricated metal products	788,167	852,234	878,459	916,538	942,061	972,490	123,476	145,983	143,069	151,657	156,992	143,068
Machinery, except electrical	1,255,460	1,328,249	1,451,552	1,350,512	1,366,082	1,557,646	468,046	516,943	533,853	511,227	520,178	541,730
Electric and electronic equipment	(D)	1,130,697	1,190,914	1,253,612	(D)	1,284,544	851,147	1,029,279	1,058,380	1,115,980	1,219,751	1,331,739
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	383,962	446,043	542,642	688,425	773,084	802,908
Motor vehicles and equipment	(D)	(D)	200,215*	213,320*	228,745*	251,757*	20,509	26,121	30,553	29,813	31,193	29,464
Stone, clay, and glass products	294,315	317,147	337,001	356,928	356,775	361,604	92,034	113,160	131,582	138,063	154,079	155,097
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	176,119	204,186	250,094	260,344	281,018	308,573
Miscellaneous manufacturing industries	144,807	172,585	181,804	188,184	205,392	232,397	38,071	45,082	50,086	55,087	66,902	72,049
Transportation and public utilities	2,951,286	3,112,292	3,024,085*	3,150,678*	3,391,861*	3,537,892*	985,584	1,048,231	1,141,831	1,253,701	1,440,330	1,559,385
Railroad transportation	308,311	331,556	351,392	345,025	339,764*	311,130*	18,982	19,949	17,530	17,012	16,698	19,597
Trucking and warehousing	632,317	689,901	719,602	781,038	860,915	954,733	218,777	256,751	263,848	287,284	319,410	351,133
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	201,098	211,830	(D)	(D)	(D)	427,678
Communication	(D)	(D)	(D)	(D)	(D)	(D)	347,742	337,489	364,529	373,777	392,820	406,190
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,192,023	3,577,332	3,808,491	4,083,473	4,515,990	4,969,246	952,715	1,114,347	1,276,328	1,335,945	1,486,050	1,578,429
Retail trade	4,103,610	4,387,489	4,719,312	5,145,148	5,515,469	5,964,041	1,778,095	2,013,174	2,277,154	2,469,050	2,611,398	2,768,724
Finance, insurance, and real estate	3,023,696	3,278,007	3,669,674	4,281,776	4,977,173	5,443,017	1,166,257	1,358,176	1,630,529	1,952,629	2,204,132	2,306,265
Banking and credit agencies	932,101	1,001,984	1,128,758	1,295,686	1,437,406	1,545,896	(D)	(D)	(D)	805,713	888,382	930,709
Other finance, insurance, and real estate[9]	2,091,595	2,276,023	2,540,916	2,986,090	3,539,767	3,897,121	(D)	(D)	(D)	1,146,916	1,315,750	1,375,556
Services	10,901,100	12,158,655	13,633,997	15,123,950	16,950,673	18,758,649	3,358,556	4,000,315	4,536,634	5,182,539	5,837,913	6,581,014
Hotels and other lodging places	(D)	197,739*	207,747*	217,273*	235,408*	249,458*	185,738	203,455	225,592	242,181	317,494	374,710
Personal services	383,604	407,342	498,398	535,822	575,843	659,541	164,165	177,891	213,617	242,658	268,436	293,889
Private households	121,238	129,661*	129,527*	129,039*	129,625*	122,708*	41,473	47,397	49,150	50,624	52,571	54,267
Business services	2,134,162	2,505,642	2,942,257	3,342,206	3,828,156	4,211,651	760,239	973,168	1,095,972	1,236,786	1,285,499	1,491,292
Auto repair, services, and garages	414,565	480,425	531,726	591,675	634,636	697,849	155,188	191,438	217,579	273,155	291,174	311,738
Miscellaneous repair services	181,366	217,509	225,991	226,537	240,260	261,729	66,369	83,809	82,339	97,696	92,812	110,702
Amusement and recreation services	197,031	219,208	263,956	282,228	304,895	335,516*	67,011	81,039	96,073	108,645	118,891	149,694
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	9,103	11,942	13,248	17,239	16,950	18,950
Health services	3,696,000	3,997,943	4,380,028	4,767,376	5,418,734	5,933,039	1,066,283	1,187,284	1,325,845	1,480,665	1,768,505	1,973,129
Legal services	930,910	1,097,207	1,244,970	1,413,550	1,594,633	1,843,465	279,039	343,719	399,989	477,801	560,564	647,434
Educational services	944,278	1,040,191	1,141,746	1,208,345	1,316,108	1,403,908	70,905	82,730	96,255	105,981	119,217	139,012
Social services	340,217	354,817	395,204	486,332	544,704	620,472	71,434	83,091	98,163	112,407	130,163	149,727
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	3,284	3,565	4,070	4,826	5,389	6,514
Membership organizations	348,163	369,758	384,369	415,928	451,124	492,696	129,202	144,710	151,465	165,975	183,312	201,859
Miscellaneous services	(D)	1,065,069	1,208,275	1,420,094	1,584,164	1,806,375	289,123	385,077	467,277	565,900	626,936	658,097
Government and government enterprises	6,516,877	6,858,697	7,254,824	7,447,337	8,115,616	8,565,667	2,179,011	2,331,287	2,623,848	2,897,299	3,174,146	3,442,460
Federal, civilian	1,962,758	2,043,831	2,178,611	2,139,806	2,288,023	2,453,417	364,909	402,770	443,173	458,914	498,408	555,865
Military	516,824	527,789	539,468	550,744	635,416	613,980	205,571	211,601	223,463	234,450	247,023	256,606
State and local	4,037,295	4,287,077	4,536,745	4,756,787	5,192,177	5,498,270	1,608,531	1,716,916	1,957,212	2,203,935	2,428,715	2,629,989

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Pine Bluff, AR (MSA)						Pittsburgh, PA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**798,530**	**848,146**	**897,287**	**950,684**	**980,929**	**1,043,126**	**27,259,570**	**28,517,899**	**29,709,986**	**30,797,916**	**32,310,272**	**34,521,149**
Nonfarm personal income	785,278	836,107	877,961	940,557	960,908	1,016,032	27,234,721	28,471,155	29,664,296	30,756,318	32,262,423	34,476,008
Farm income[1]	13,252	12,039	19,326	10,127	20,021	27,094	24,849	46,744	45,690	41,598	47,849	45,141
Population (thousands)[2]	90.3	90.4	90.2	90.3	90.9	90.8	2,190.1	2,171.0	2,139.4	2,117.8	2,101.6	2,094.3
Per capita personal income (dollars)	**8,842**	**9,380**	**9,945**	**10,527**	**10,797**	**11,490**	**12,447**	**13,136**	**13,887**	**14,542**	**15,374**	**16,484**
Derivation of total personal income:												
Total earnings by place of work	610,380	655,120	693,218	766,908	762,219	812,195	19,055,503	20,001,640	20,755,967	21,478,124	22,760,722	24,368,407
Less: Personal contributions for social insurance[3]	37,618	40,893	45,398	55,374	53,255	58,974	1,187,580	1,283,263	1,391,496	1,464,709	1,519,887	1,708,831
Plus: Adjustment for residence	−44,076	−47,687	−52,647	−76,581	−55,802	−61,047	−524,145	−533,626	−612,797	−652,672	−708,936	−793,715
Equals: Net earnings by place of residence	528,686	566,540	595,173	634,953	653,162	692,174	17,343,778	18,184,751	18,751,674	19,360,743	20,531,899	21,865,861
Plus: Dividends, interest, and rent[5]	107,452	116,851	126,577	129,486	131,148	142,021	4,597,241	5,017,283	5,332,519	5,492,343	5,659,904	6,180,121
Plus: Transfer payments	162,392	164,755	175,537	186,245	196,619	208,931	5,318,551	5,315,865	5,625,793	5,944,830	6,118,469	6,475,167
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	509,243	547,418	575,826	649,219	632,753	667,266	15,446,176	16,200,618	16,824,447	17,357,790	18,357,829	19,680,197
Other labor income	53,948	56,605	57,021	63,882	62,860	67,823	1,845,767	1,820,101	1,788,762	1,818,630	1,906,986	2,027,850
Proprietors' income[6]	47,189	51,097	60,371	53,807	66,606	77,106	1,763,560	1,980,921	2,142,758	2,301,704	2,495,907	2,660,360
Farm	6,611	5,510	12,875	3,787	13,414	20,515	14,891	36,997	36,025	32,049	37,769	35,023
Nonfarm	40,578	45,587	47,496	50,020	53,192	56,591	1,748,669	1,943,924	2,106,733	2,269,655	2,458,138	2,625,337
Earnings by industry:												
Farm	13,252	12,039	19,326	10,127	20,021	27,094	24,849	46,744	45,690	41,598	47,849	45,141
Nonfarm	597,128	643,081	673,892	756,781	742,198	785,101	19,030,654	19,954,896	20,710,277	21,436,526	22,712,873	24,323,266
Private	476,936	513,353	532,741	606,188	586,032	618,843	16,947,706	17,708,348	18,363,310	19,020,231	20,170,997	21,626,622
Agricultural services, forestry, fisheries, and other[7]	2,208	2,140	1,939	1,942	2,209	2,704	48,818	46,326	41,810	44,342	60,916	67,952
Agricultural services	2,033	2,028	1,806	1,811	2,108	2,595	46,434	44,192	39,522	42,261	59,049	65,949
Forestry, fisheries, and other[7]	175	112	133	131	101	109	2,384	2,134	2,288	2,081	1,867	2,003
Mining	1,822	1,958	2,423	1,519	1,500	1,641	376,492	403,821	423,596	378,477	315,875	302,103
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	290,571	304,745	295,513	294,721	223,426*	214,426*
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	74,514	85,603	114,302	67,510	65,416*	66,402
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	163*	(D)	790
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	16,037*	(D)	(D)
Construction	29,077	30,849	41,779	94,640	47,385	46,436	1,278,620	1,328,731	1,389,866	1,513,808	1,616,280	1,643,392
Manufacturing	131,242	139,907	141,363	158,870	174,834	189,288	4,860,462	4,795,083	4,620,372	4,342,398	4,407,397	4,734,315
Nondurable goods	85,166	81,532	77,352	93,443	106,570	111,556	1,023,617	1,066,781	1,064,089	1,007,924	1,075,283	1,213,996
Food and kindred products	10,231	10,301	10,201	11,004	9,959	11,268	214,119*	230,864	206,725*	209,784*	219,262*	233,416*
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)	32,125	35,849	29,280	25,749	24,924	30,552
Paper and allied products	69,465	65,919	61,432	76,094	90,026	92,447	45,435*	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,326	3,299	3,474	3,645	3,272	3,243	207,397	219,282	234,682	240,838	240,799	250,445
Chemicals and allied products	934	1,063	1,205	1,754	3,003	4,241	279,481	288,973	308,530	317,931	361,885	457,336
Petroleum and coal products	0	0	0	0	0	0	152,071*	159,039	124,608	42,217	28,488	27,620
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)	71,204*	78,438*	83,807*	96,134	117,080	122,653
Leather and leather products	0	0	0	0	0	0	421	360	413	373	(D)	(D)
Durable goods	46,076	58,375	64,011	65,427	68,264	77,732	3,836,845	3,728,302	3,556,283	3,334,474	3,332,114	3,520,319
Lumber and wood products	5,844	5,873	5,907	6,503	7,474	7,874	14,364	17,168	18,811	20,456	23,296	26,717
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,668*	31,798*	31,673*
Primary metal industries	3,831	6,149	7,240	8,442	10,142	12,745	1,450,190	1,408,570	1,256,807	1,100,844*	1,089,914*	1,199,700*
Fabricated metal products	8,008	11,931	13,973	12,891	13,609	15,957	367,694*	355,018*	364,014*	347,465*	357,394*	374,193*
Machinery, except electrical	6,970	8,455	8,775	9,290	10,495	11,467	451,632	575,771	561,058	538,001	544,447	565,711
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	635,288*	504,946*	436,962*	431,098*	410,089*	414,042*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	0	0	111,009*	(D)	(D)	(D)	72,585*	52,763*
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)	346,674	308,050*	322,590*	324,846*	335,456*	389,896
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	156,771*	170,725*	167,720*	168,369*	(D)	(D)
Miscellaneous manufacturing industries	2,039	3,683	4,756	4,537	(D)	(D)	24,803	31,077	31,326	31,131	35,236	37,790*
Transportation and public utilities	100,962	108,906	102,658	94,671	89,562	95,141	1,420,259	1,441,872	1,435,298	1,462,249	1,511,132	1,621,955
Railroad transportation	62,376	68,857	63,173	54,887	48,471	49,644	114,667	114,083	115,531	109,045	94,856	92,088
Trucking and warehousing	5,894	6,730	6,438	6,512	7,702	8,331	270,311	299,857	282,806	292,191	319,375	348,372
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	22,708*	22,563*	15,178*	12,120*	13,921*	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	238,806*	251,091*	278,895*	301,921*	315,905*	370,230*
Communication	(D)	10,509	10,311	9,950	9,340	8,169	365,747	367,094	328,419	324,703	341,550	350,533
Electric, gas, and sanitary services	18,516	18,742	19,062	20,077	20,963	25,436	387,919	366,064	390,254	395,414	397,073	413,213
Wholesale trade	20,135	25,569	28,504	29,828	29,852	32,373	1,275,662	1,333,102	1,402,628	1,454,421	1,512,155	1,667,346
Retail trade	59,363	60,437	60,931	63,274	66,711	70,518	1,927,055	1,988,862	2,046,745	2,131,839	2,196,394	2,338,280
Finance, insurance, and real estate	26,577	30,400	32,150	34,612	32,423	31,666	1,070,212	1,139,320	1,229,863	1,366,041	1,515,230	1,563,231
Banking and credit agencies	18,413	21,008	22,209	(D)	21,989	20,886	511,832	561,901	604,798	658,044	694,827	693,088
Other finance, insurance, and real estate[9]	8,164	9,392	9,941	(D)	10,434	10,780	558,380	577,419	625,065	707,997	820,403	870,143
Services	105,550	113,187	120,994	126,832	141,556	149,076	4,690,126	5,231,231	5,773,132	6,326,656	7,035,618	7,688,048
Hotels and other lodging places	1,547	1,658	2,073	2,035	2,245	2,162	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	6,044	6,272	7,543	8,551	8,860	9,219	195,151	202,574	248,620	267,075	287,212	315,309
Private households	4,099	4,569	4,589	4,582	4,623	4,670	39,944	44,217	44,128	43,957	44,155	42,530*
Business services	11,355	14,605	15,351	14,287	19,257	17,984	655,769	911,542	1,088,330	1,182,265	1,288,454	1,422,891
Auto repair, services, and garages	5,178	5,986	6,467	6,698	7,095	8,046	157,750	179,460	195,164	213,879	223,539	242,525
Miscellaneous repair services	2,789	3,530	3,317	3,736	3,703	3,921	87,207	92,019	94,888	98,841	97,928	105,414
Amusement and recreation services	1,166	1,375	1,381	1,519	1,592	1,593	116,432	130,996	138,785	143,394	151,504	164,832
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	14,740*	16,831	15,916	19,877	(D)	(D)
Health services	51,672	53,248	57,903	61,714	70,088	74,909	1,811,643	1,919,685	2,056,478	2,224,254	2,569,082	2,770,129
Legal services	4,915	5,961	6,468	7,427	7,002	7,866	306,352	353,132	378,375	426,506	483,833	562,963
Educational services	739	904	1,218	1,200	1,390	1,476	413,123	443,090	483,313	530,004	586,328	653,173
Social services	(D)	(D)	(D)	(D)	6,233	6,844	93,130	103,014	118,345	131,650	159,287	179,869
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	4,544*	4,891*	5,198*	5,618*	(D)	(D)
Membership organizations	4,216	4,222	4,351	4,318	4,357	4,493	184,234	186,746	190,621	203,919	216,406	238,712
Miscellaneous services	7,484	6,167	5,343	5,662	4,955	5,744	525,236	560,907	627,293	742,861	801,219	853,810
Government and government enterprises	120,192	129,728	141,151	150,593	156,166	166,258	2,082,948	2,246,548	2,346,967	2,416,295	2,541,876	2,696,644
Federal, civilian	49,185	52,391	56,715	58,787	60,287	64,202	458,823	482,782	502,598	500,420	526,720	571,763
Military	5,535	5,880	5,739	6,263	7,066	7,324	74,679	71,930	79,858	85,142	87,406	89,807
State and local	65,472	71,457	78,697	85,543	88,813	94,732	1,549,446	1,691,836	1,764,511	1,830,733	1,927,750	2,035,074

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Pittsfield, MA (NECMA)						Portland, ME (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,743,417**	**1,907,153**	**2,011,683**	**2,164,150**	**2,304,897**	**2,500,824**	**2,664,492**	**2,971,653**	**3,270,839**	**3,614,064**	**4,007,972**	**4,412,874**
Nonfarm personal income	1,738,972	1,902,344	2,007,146	2,150,708	2,298,301	2,493,107	2,660,993	2,967,114	3,266,891	3,608,281	3,998,397	4,405,100
Farm income[1]	4,445	4,809	4,537	13,442	6,596	7,717	3,499	4,539	3,948	5,783	9,575	7,774
Population (thousands)[2]	142.0	141.9	141.6	139.6	139.4	138.7	221.0	223.8	226.4	229.2	232.2	235.5
Per capita personal income (dollars)	**12,279**	**13,444**	**14,209**	**15,504**	**16,534**	**18,032**	**12,059**	**13,281**	**14,450**	**15,768**	**17,257**	**18,740**
Derivation of total personal income:												
Total earnings by place of work	1,127,493	1,243,705	1,333,237	1,447,240	1,546,828	1,659,486	2,089,662	2,355,753	2,632,733	2,973,247	3,348,299	3,718,015
Less: Personal contributions for social insurance[3]	64,392	71,508	80,713	90,281	95,150	106,907	114,757	130,243	152,214	166,089	185,486	215,021
Plus: Adjustment for residence	22,180	25,387	25,940	24,920	25,837	27,309	−217,277	−255,314	−296,346	−346,968	−403,137	−448,610
Equals: Net earnings by place of residence	1,085,281	1,197,584	1,278,464	1,381,879	1,477,515	1,579,888	1,757,628	1,970,196	2,184,173	2,460,190	2,759,676	3,054,384
Plus: Dividends, interest, and rent[5]	333,015	373,407	391,671	415,223	443,006	490,520	461,597	538,676	581,872	638,474	711,788	791,966
Plus: Transfer payments	325,121	336,162	341,548	367,048	384,376	430,416	445,267	462,781	504,794	515,400	536,508	566,524
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	927,639	1,022,481	1,098,506	1,180,492	1,264,576	1,357,199	1,724,350	1,943,062	2,164,198	2,437,926	2,744,520	3,056,141
Other labor income	99,977	106,245	108,144	115,522	123,942	130,548	189,033	206,316	219,461	247,335	275,840	304,055
Proprietors' income[6]	99,877	114,979	126,587	151,226	158,310	171,739	176,279	206,375	249,074	287,986	327,939	357,819
Farm	2,392	2,786	2,568	11,516	4,582	5,711	977	2,040	1,566	3,521	7,265	5,516
Nonfarm	97,485	112,193	124,019	139,710	153,728	166,028	175,302	204,335	247,508	284,465	320,674	352,303
Earnings by industry:												
Farm	4,445	4,809	4,537	13,442	6,596	7,717	3,499	4,539	3,948	5,783	9,575	7,774
Nonfarm	1,123,048	1,238,896	1,328,700	1,433,798	1,540,232	1,651,769	2,086,163	2,351,214	2,628,785	2,967,464	3,338,724	3,710,241
Private	1,013,606	1,124,091	1,204,254	1,299,329	1,396,521	1,493,947	1,769,659	2,004,028	2,250,117	2,580,498	2,924,106	3,250,883
Agricultural services, forestry, fisheries, and other[7]	4,285	3,710	6,280	8,211	9,661	11,527	16,570	11,810	26,620	33,512	37,917	44,723
Agricultural services	2,895	3,181	(D)	4,131	(D)	(D)	7,336	7,813	9,320	11,227	15,700	19,354
Forestry, fisheries, and other[7]	1,390	529	(D)	4,080	(D)	(D)	9,234	3,997	17,300	22,285	22,217	25,369
Mining	5,257	5,747	7,273	4,150	4,297	4,416	5,758	6,484	9,234	2,895	2,896	5,263
Coal mining	(L)	(D)	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,005	(D)	4,596	1,271	1,181	1,171	5,182	(D)	8,770	2,346	2,094	2,055
Metal mining	0	0	0	0	(D)	(D)	0	0	0	(D)	(D)	(D)
Nonmetallic minerals, except fuels	2,233	2,427	2,665	2,864	3,043	3,190	564	(D)	451	(D)	(D)	(D)
Construction	60,916	73,031	86,485	108,810	136,457	154,447	129,633	163,481	190,407	254,575	329,096	359,775
Manufacturing	424,827	469,801	484,221	487,565	505,646	501,157	352,681	388,805	417,945	456,548	464,777	518,263
Nondurable goods	126,260	134,361	136,011	139,074	162,178	171,125	197,243	206,638	212,011	238,613	243,146	268,817
Food and kindred products	700	696	(D)	(D)	(D)	1,047	(D)	(D)	(D)	43,429	47,497	49,065
Textile mill products	8,078	5,738	2,651	3,190	2,968	2,019	2,913	3,588	3,490	4,171	4,820	5,274
Apparel and other textile products	3,054	1,700	2,039	2,335	2,476	7,614	10,749	11,495	10,717	11,613	4,464	3,053
Paper and allied products	51,180	54,988	55,205	55,091	74,127	74,104	(D)	(D)	(D)	(D)	(D)	117,624
Printing and publishing	17,182	18,190	21,179	20,595	20,678	21,806	25,409	28,267	33,335	37,083	42,492	47,285
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	6,387	7,084	7,102	6,909	6,681	6,862
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	812	863	731	865	735	321
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(D)	(L)	(L)	(L)
Rubber and misc. plastic products	14,135	19,021	17,280	16,803	17,837	18,267	4,322	4,867	4,873	(D)	(D)	6,240
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	33,709	33,640	30,141	31,183	32,217	33,088
Durable goods	298,567	335,440	348,210	348,491	343,468	330,032	155,438	182,167	205,934	217,935	221,631	249,446
Lumber and wood products	3,437	4,203	4,481	4,033	4,277	4,910	13,270	15,190	17,312	18,035	23,830	25,348
Furniture and fixtures	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,025	538	570	455	426	482
Fabricated metal products	7,206	7,702	6,878	7,743	(D)	(D)	23,035	21,910	22,152	17,995	15,902	16,696
Machinery, except electrical	26,895	31,071	33,622	29,891	35,868	39,515	42,285	51,553	61,436	65,606	64,914	77,736
Electric and electronic equipment	239,492	271,151	283,086	280,241	262,216	236,212	62,021	78,274	88,324	99,247	98,191	105,518
Transportation equip. excl. motor vehicles	695	798	966	(D)	(D)	(D)	4,184	4,561	5,315	5,921	5,989	6,314
Motor vehicles and equipment	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	11,291	12,502	12,815	18,044	20,507	22,362	2,199	2,301	2,496	3,056	3,752	3,712
Instruments and related products	(D)	(D)	(D)	(D)	(D)	9,543	1,649	1,713	2,029	1,256	1,909	6,001
Miscellaneous manufacturing industries	538	519	598	815	1,216	1,262	4,360	4,426	4,326	4,526	4,650	5,646
Transportation and public utilities	39,816	42,298	44,555	46,629	50,342	55,465	167,717	179,097	186,890	189,301	190,271	195,274
Railroad transportation	2,018	2,530	2,186	(D)	(D)	(D)	(D)	15,793	15,121	6,444	5,388	4,958
Trucking and warehousing	9,366	10,918	11,508	(D)	(D)	(D)	46,293	53,105	56,890	64,578	65,173	68,600
Water transportation	−57	−57	(L)	(L)	(L)	(L)	4,422	4,886	5,402	5,145	6,389	6,536
Other transportation[8]	6,163	6,752	7,295	(D)	10,879	12,739	(D)	16,290	17,103	19,440	21,308	22,693
Communication	13,442	11,641	12,537	11,909	12,826	14,474	73,815	74,730	76,729	78,765	76,141	74,035
Electric, gas, and sanitary services	8,884	10,514	11,061	10,522	10,397	11,676	12,542	14,293	15,645	14,929	15,872	18,452
Wholesale trade	45,833	51,464	54,444	57,523	44,439	41,245	176,877	203,048	233,041	258,277	299,282	335,639
Retail trade	129,527	143,944	156,021	175,566	180,535	201,349	259,703	291,950	325,182	377,808	427,648	478,352
Finance, insurance, and real estate	42,521	45,533	48,972	53,135	61,418	67,543	195,787	218,110	244,383	302,756	360,055	384,309
Banking and credit agencies	19,463	21,018	22,079	25,394	27,916	28,505	48,900	54,507	57,256	71,673	81,615	88,820
Other finance, insurance, and real estate[9]	23,058	24,515	26,893	27,741	33,502	39,038	146,887	163,603	187,127	231,083	278,440	295,489
Services	260,624	288,563	316,003	357,740	403,726	456,798	464,933	541,243	616,415	704,826	812,164	929,285
Hotels and other lodging places	10,373	11,380	12,521	13,529	18,715	22,684	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Private households	7,127	7,941	7,978	7,935	7,976	8,073	8,417	9,381	9,438	9,425	9,559	9,781
Business services	19,025	21,262	25,853	32,116	36,067	51,117	51,554	67,427	84,245	99,496	115,559	139,009
Auto repair, services, and garages	9,417	10,420	11,800	13,900	15,353	16,770	19,289	23,580	23,663	26,039	35,690	40,233
Miscellaneous repair services	2,734	3,241	3,131	3,806	4,042	4,689	8,260	10,146	9,718	13,221	15,584	18,822
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	7,122	7,616	9,472	11,155	12,628	13,620
Motion pictures	599	848	829	689	780	1,383	1,111	1,217	1,500	1,683	1,653	1,883
Health services	115,498	123,502	132,454	143,409	159,935	173,863	194,582	214,670	238,796	262,237	300,362	335,835
Legal services	10,927	13,460	14,279	16,055	20,071	21,933	44,190	55,081	63,382	75,990	82,686	95,905
Educational services	30,884	35,340	39,070	47,153	49,960	53,865	22,951	24,705	29,129	32,292	35,013	38,815
Social services	9,330	11,501	12,627	15,602	17,772	21,881	13,441	15,009	17,537	20,056	23,846	27,832
Museums, botanical, zoological gardens	(D)	(D)	2,658	2,750	3,235	3,628	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,365	9,310	9,381	10,753	10,929	11,960	15,454	17,030	17,722	19,032	20,318	22,423
Miscellaneous services	13,046	15,160	17,058	20,442	25,169	29,480	41,714	53,570	61,951	80,406	97,292	119,363
Government and government enterprises	109,442	114,805	124,446	134,469	143,711	157,822	316,504	347,186	378,668	386,966	414,618	459,358
Federal, civilian	14,348	14,995	15,729	16,124	16,380	18,309	51,125	56,537	61,690	63,698	70,676	76,163
Military	3,612	3,691	4,374	4,417	4,612	5,410	82,094	93,492	101,715	91,121	90,612	100,859
State and local	91,482	96,119	104,343	113,928	122,719	134,103	183,285	197,157	215,263	232,147	253,330	282,336

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Portland, OR (PMSA)						Portsmouth—Dover—Rochester, NH (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**14,358,250**	**15,568,118**	**16,394,419**	**17,129,458**	**18,244,634**	**20,002,321**	**3,719,902**	**4,188,155**	**4,762,195**	**5,293,495**	**5,860,939**	**6,448,617**
Nonfarm personal income	14,279,861	15,454,757	16,269,451	16,966,077	18,065,403	19,802,679	3,711,130	4,178,675	4,752,817	5,282,705	5,842,039	6,427,823
Farm income[1]	78,389	113,361	124,968	163,381	179,231	199,642	8,772	9,480	9,378	10,790	18,900	20,794
Population (thousands)[2]	1,125.8	1,134.9	1,143.1	1,157.8	1,166.3	1,188.0	292.1	298.7	304.6	314.6	324.9	334.4
Per capita personal income (dollars)	**12,753**	**13,718**	**14,343**	**14,795**	**15,643**	**16,837**	**12,735**	**14,020**	**15,636**	**16,827**	**18,039**	**19,285**
Derivation of total personal income:												
Total earnings by place of work	10,808,700	11,823,450	12,629,738	13,356,992	14,306,982	15,733,783	2,275,900	2,441,470	2,799,750	3,160,732	3,446,785	3,860,019
Less: Personal contributions for social insurance[3]	698,147	768,029	853,425	942,449	1,001,970	1,148,677	125,336	135,120	163,252	180,152	194,324	227,568
Plus: Adjustment for residence	−465,268	−475,297	−556,252	−573,830	−649,812	−693,921	609,640	817,546	959,563	1,043,311	1,221,945	1,288,306
Equals: Net earnings by place of residence	9,645,285	10,580,124	11,220,061	11,840,713	12,655,200	13,891,185	2,760,204	3,123,896	3,596,061	4,023,891	4,474,406	4,920,757
Plus: Dividends, interest, and rent[5]	2,536,813	2,793,551	2,900,635	3,015,484	3,208,779	3,529,221	514,028	596,199	669,164	739,699	834,552	937,633
Plus: Transfer payments	2,176,152	2,194,443	2,273,723	2,273,261	2,380,655	2,581,915	445,670	468,060	496,970	529,905	551,981	590,227
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,917,369	9,711,771	10,268,318	10,921,046	11,658,747	12,855,378	1,827,854	1,940,987	2,212,329	2,479,108	2,688,104	3,018,734
Other labor income	894,829	938,876	1,078,166	1,044,352	1,125,645	1,238,945	199,331	204,531	223,855	254,060	270,440	300,936
Proprietors' income[6]	996,502	1,172,803	1,283,254	1,391,594	1,522,590	1,639,460	248,715	295,952	363,566	427,564	488,241	540,349
Farm	38,564	74,256	85,928	124,518	138,137	158,343	3,393	4,232	4,181	5,426	13,435	15,083
Nonfarm	957,938	1,098,547	1,197,326	1,267,076	1,384,453	1,481,117	245,322	291,720	359,385	422,138	474,806	525,266
Earnings by industry:												
Farm	78,389	113,361	124,968	163,381	179,231	199,642	8,772	9,480	9,378	10,790	18,900	20,794
Nonfarm	10,730,311	11,710,089	12,504,770	13,193,611	14,127,751	15,534,141	2,267,128	2,431,990	2,790,372	3,149,942	3,427,885	3,839,225
Private	9,246,347	10,140,505	10,741,707	11,442,880	12,259,416	13,522,870	1,934,015	2,071,486	2,401,844	2,733,771	2,968,382	3,338,731
Agricultural services, forestry, fisheries, and other[7]	62,343	60,170	61,534	63,673	87,133	98,729	9,486	8,243	14,222	17,875	19,967	23,140
Agricultural services	44,286	43,253	44,476	48,284	68,224*	81,597	(D)	6,761	8,406	10,251	14,433	16,802
Forestry, fisheries, and other[7]	18,057	16,917	17,058	15,389	(D)	17,132	(D)	1,482	5,816	7,624	5,534	6,338
Mining	38,383	40,721	50,971	28,400	24,585	22,418	4,985	5,853	8,399	5,603	7,667	8,890
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	31,862	11,255	(D)	(D)	(D)	(D)	(D)	(D)	2,099	2,051
Metal mining	(D)	511	(D)	(D)	(D)	274	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	7,009	6,610	8,354	9,170	8,625	(D)	(D)	(D)	(D)	(D)	5,554	6,828
Construction	514,985	585,538	643,412	688,242	718,760	851,249	409,618	327,810	411,661	448,905	425,528	442,724
Manufacturing	2,287,039	2,535,368	2,600,235	2,740,899	2,866,420	3,140,199	565,713	648,358	695,994	747,611	768,041	839,569
Nondurable goods	605,814	636,653	657,577	687,970	739,720	794,715	196,748	208,066	209,349	212,257	216,471	244,511
Food and kindred products	192,493	191,120	196,286	205,459	217,025	220,638	11,798*	13,746*	14,626*	15,159*	18,414	20,432
Textile mill products	22,288*	23,106*	24,379*	22,289*	31,480*	33,574*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	32,579*	30,821*	31,690*	34,652*	34,878*	(D)	(D)	1,549*	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	10,773	11,693	12,604	14,750	15,711	13,123
Printing and publishing	133,068	148,384	163,139	171,316	195,547	226,909	16,892	19,673	22,556	25,311	29,711	33,611
Chemicals and allied products	38,114*	38,088*	38,659*	37,016*	38,178*	39,884*	3,232*	3,592	3,456	5,363	6,516*	8,938*
Petroleum and coal products	10,635*	10,497*	7,410*	10,204*	9,378	13,843	54	70	(D)	234	241	(D)
Tobacco manufactures	(L)	(D)	(D)	97	132	(D)	0	0	0	0	(D)	(D)
Rubber and misc. plastic products	36,014*	42,849*	42,199*	43,067*	48,373*	63,361	78,782	96,146	104,849	100,659	91,971	104,577
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	65,766	52,744	39,311	37,051	36,725	42,471
Durable goods	1,681,225	1,898,715	1,942,658	2,052,929	2,126,700	2,345,484	368,965	440,292	486,645	535,354	551,570	595,058
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	10,022	12,249	14,678	18,499	22,544	21,928*
Furniture and fixtures	28,984*	34,667	36,047	35,234*	(D)	(D)	2,334	2,903	(D)	(D)	(D)	(D)
Primary metal industries	146,726*	204,761	195,457*	204,703*	235,777*	264,232*	23,224*	30,332*	41,071*	45,205*	54,506*	64,067*
Fabricated metal products	196,276	207,789	206,597	201,294	215,388	226,278	52,182	59,262	56,744	63,035	65,503	69,025
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	138,343	165,643	200,376	225,289	221,554	233,506
Electric and electronic equipment	204,990	250,876	248,576	259,754	296,407	345,905	61,890	75,171	71,171	73,495	79,463	89,936
Transportation equip. excl. motor vehicles	83,535*	97,027*	109,147	163,144	147,827*	176,315*	(D)	(D)	(D)	1,878	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,030	(D)	(D)
Stone, clay, and glass products	48,449	47,392	48,524	53,556	59,961	69,144	15,387	17,094	19,499	20,820	24,342	24,548
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	36,561	42,515	44,042	45,323	54,226	63,077	9,685	(D)	11,054*	12,095*	3,375*	3,157*
Transportation and public utilities	996,161	1,068,269	1,088,579	1,087,941	1,180,273	1,259,870	91,350	104,626	121,785	144,266	154,566	174,639
Railroad transportation	85,779	89,352*	81,272*	72,868*	66,890	56,737	2,043	2,565	2,443	1,607	985	939
Trucking and warehousing	306,549	332,047	350,389	360,719	398,520	422,478	21,961	27,321	32,437	38,421	41,034	46,353
Water transportation	53,020	57,296	46,217*	47,969*	53,102*	56,972	2,017	2,045*	2,840*	3,133*	3,300*	3,119*
Other transportation[8]	112,509	(D)	135,401*	(D)	174,151*	227,332	6,967	(D)	(D)	13,198	15,307	(D)
Communication	(D)	(D)	(D)	(D)	298,478	(D)	22,694	23,502	25,960	27,435	32,018	39,148
Electric, gas, and sanitary services	158,483*	175,663*	199,492	187,084	177,117	(D)	35,668	40,260	47,654	56,506*	57,096*	61,181*
Wholesale trade	1,068,840	1,168,555	1,245,316	1,310,715	1,361,653	1,516,448	111,941	125,234	154,451	179,288	212,500	228,388
Retail trade	1,207,551	1,301,338	1,331,023	1,404,751	1,470,181	1,625,271	283,077	319,309	359,222	423,958	478,908	535,694
Finance, insurance, and real estate	761,961	786,931	847,246	943,664	1,055,353	1,136,536	90,429	102,823	118,930	151,979	195,370	270,531
Banking and credit agencies	(D)	289,466	304,033	330,526	351,568	375,038	(D)	(D)	(D)	(D)	68,178	(D)
Other finance, insurance, and real estate[9]	(D)	497,465	543,213	613,138	703,785	761,498	(D)	(D)	(D)	(D)	127,192	(D)
Services	2,309,084	2,593,615	2,873,391	3,174,595	3,495,058	3,872,150	367,416	429,230	517,180	614,286	705,835	815,156
Hotels and other lodging places	57,242	60,119	61,183	64,940	71,505	90,347	18,483	16,970	19,843	19,009	23,679	25,217
Personal services	112,474	111,233*	134,588*	144,630*	150,112*	161,683*	20,932	23,341	30,191	36,916	41,607	48,146
Private households	24,173	26,923	27,001	26,947	27,181	27,788	(D)	(D)	(D)	(D)	(D)	7,390
Business services	384,772	483,139	572,232	655,862	743,629	854,419	79,874	101,538	129,118	159,416	174,983	214,591
Auto repair, services, and garages	113,340	134,078	149,407	157,715	165,367	180,013	24,574	30,877	35,721	42,795	47,863	55,121
Miscellaneous repair services	54,549	66,266	62,817	77,574	83,842	91,162	6,304	7,633	8,743	10,362	10,839	12,756
Amusement and recreation services	38,846	45,392	55,083	55,181	62,723	72,180	10,931	15,101	16,986	19,339	23,002	25,951
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	822,063	864,467	941,887	1,023,405	1,150,278	1,232,487	105,749	116,663	137,375	154,978	188,384	215,020
Legal services	212,172	248,888	263,492	298,879	319,561	357,915	18,025	21,583	24,839	31,590	36,117	41,895
Educational services	84,867*	101,603*	107,540*	115,771*	128,277*	138,735*	19,446	20,799	22,958	25,296	27,541	30,821
Social services	72,450	82,013	91,733	103,996	116,448	133,322	7,317	10,528	13,580	16,875	21,243	24,866
Museums, botanical, zoological gardens	4,292*	4,262*	4,915*	5,941*	6,193*	6,953*	(D)	(D)	(D)	(D)	(D)	758*
Membership organizations	100,833	107,205	113,177	119,991	125,801	134,861	13,426	15,361	16,018	16,295	18,125	20,573
Miscellaneous services	211,358	234,302	255,252	294,406	313,942	355,552	35,075	40,556	53,127	72,504	82,763	89,879
Government and government enterprises	1,483,964	1,569,584	1,763,063	1,750,731	1,868,335	2,011,271	333,113	360,504	388,528	416,171	459,503	500,494
Federal, civilian	368,434	398,113	416,305	420,323	453,542	501,635	48,240	50,237	52,285	53,605	56,105	60,565
Military	32,362	32,623	40,463	49,261	48,964	48,485	74,012	78,332	84,117	87,940	91,623	91,745
State and local	1,083,168	1,138,848	1,306,295	1,281,147	1,365,829	1,461,151	210,861	231,935	252,126	274,626	311,775	348,184

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Poughkeepsie, NY (MSA)						Providence—Pawtucket—Woonsocket, RI (NECMA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,453,570**	**3,809,309**	**4,083,891**	**4,352,949**	**4,699,531**	**5,059,684**	**10,382,945**	**11,337,449**	**12,047,779**	**12,870,479**	**13,943,294**	**15,135,285**
Nonfarm personal income	3,443,711	3,796,741	4,070,775	4,338,176	4,682,998	5,044,010	10,360,311	11,314,716	12,017,318	12,838,796	13,915,420	15,104,228
Farm income[1]	9,859	12,568	13,116	14,773	16,533	15,674	22,634	22,733	30,461	31,683	27,874	31,057
Population (thousands)[2]	250.1	252.0	254.3	255.7	258.9	262.2	871.7	876.7	882.7	890.7	902.0	908.0
Per capita personal income (dollars)	**13,808**	**15,115**	**16,062**	**17,023**	**18,153**	**19,297**	**11,912**	**12,932**	**13,648**	**14,450**	**15,458**	**16,668**
Derivation of total personal income:												
Total earnings by place of work	2,525,308	2,794,811	3,001,123	3,156,830	3,313,928	3,553,664	6,921,472	7,642,241	8,182,702	8,903,907	9,727,294	10,632,494
Less: Personal contributions for social insurance[3]	157,252	175,862	198,643	217,001	226,169	253,104	493,036	542,831	608,630	672,834	728,118	830,116
Plus: Adjustment for residence	112,035	119,943	146,148	207,402	301,488	340,633	194,178	219,414	247,100	216,695	209,491	199,654
Equals: Net earnings by place of residence	2,480,091	2,738,892	2,948,628	3,147,231	3,389,247	3,641,193	6,622,614	7,318,824	7,821,172	8,447,768	9,208,667	10,002,032
Plus: Dividends, interest, and rent[5]	497,584	568,587	609,923	651,879	721,650	791,297	1,776,568	2,002,173	2,051,977	2,164,989	2,368,089	2,608,484
Plus: Transfer payments	475,895	501,830	525,340	553,839	588,634	627,194	1,983,763	2,016,452	2,174,630	2,257,722	2,366,538	2,524,769
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,128,993	2,358,760	2,538,493	2,661,853	2,794,285	3,001,056	5,730,317	6,337,187	6,803,273	7,372,414	8,052,699	8,821,652
Other labor income	247,555	258,730	258,256	265,715	271,062	283,585	627,648	658,916	670,034	732,383	799,868	864,730
Proprietors' income[6]	148,760	177,321	204,374	229,262	248,581	269,023	563,507	646,138	709,395	799,110	874,727	946,112
Farm	3,618	6,444	7,087	8,855	10,375	9,551	18,932	19,174	27,036	28,201	24,321	27,363
Nonfarm	145,142	170,877	197,287	220,407	238,206	259,472	544,575	626,964	682,359	770,909	850,406	918,749
Earnings by industry:												
Farm	9,859	12,568	13,116	14,773	16,533	15,674	22,634	22,733	30,461	31,683	27,874	31,057
Nonfarm	2,515,449	2,782,243	2,988,007	3,142,057	3,297,395	3,537,990	6,898,838	7,619,508	8,152,241	8,872,224	9,699,420	10,601,437
Private	2,089,150	2,318,557	2,489,342	2,607,850	2,725,550	2,919,990	5,904,961	6,534,053	6,994,041	7,667,326	8,403,975	9,183,313
Agricultural services, forestry, fisheries, and other[7]	7,881	8,361	8,917	10,672	14,523	16,551	42,521	37,697	57,788	78,590	92,488	99,503
Agricultural services	7,486	8,042	8,557	10,374	14,255	16,227	17,189	20,189	21,896	24,244	32,306	(D)
Forestry, fisheries, and other[7]	395	319	360	298	268	324	25,332	17,508	35,892	54,346	60,182	(D)
Mining	11,811	13,423	15,046	9,505	8,412	9,314	16,683	18,493	24,826	9,921	10,248	10,667
Coal mining	891	789	58	62	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	5,045	5,423	7,917	2,315	2,060	1,993	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	58	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	5,880	7,228	7,081	7,129	6,264	7,246	(D)	(D)	(D)	(D)	(D)	(D)
Construction	115,606	161,794	192,568	217,586	242,201	263,131	325,423	387,512	450,006	539,783	631,692	721,865
Manufacturing	1,169,241	1,259,624	1,307,198	1,294,374	1,273,161	1,324,087	2,123,387	2,352,518	2,336,952	2,452,199	2,519,054	2,610,564
Nondurable goods	188,675	181,032	170,444	160,259	155,828	150,179	691,033	752,341	763,928	805,365	823,704	861,263
Food and kindred products	9,826	8,243	7,969	6,679	5,112	4,213	50,545*	53,686*	(D)	65,359	63,644	67,246
Textile mill products	6,805	4,827	3,843	4,559	4,793	4,276	188,693	201,301	193,446	200,132	200,676*	211,489*
Apparel and other textile products	4,255	4,090	3,485	2,172	1,770	(D)	42,555*	44,417*	43,433	44,607*	43,917*	(D)
Paper and allied products	10,762	10,993	11,198	9,369	10,551	10,406	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	22,918	17,200	19,136	22,137	23,464	26,799	118,584	136,218	149,997	163,235	173,352*	186,767
Chemicals and allied products	914	1,044	971	670	(D)	573	75,929*	84,323*	85,416*	89,325*	94,216*	99,256*
Petroleum and coal products	(D)	(D)	106,032	96,039	88,824	81,933	(D)	(D)	(D)	(D)	(D)	9,329
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	17,160	18,157	17,810	18,634	20,002	20,296	117,107*	125,053*	131,557*	136,066*	137,602	138,049
Leather and leather products	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	980,566	1,078,592	1,136,754	1,134,115	1,117,333	1,173,908	1,432,354	1,600,177	1,573,024	1,646,834	1,695,350	1,749,301
Lumber and wood products	3,607	4,243	4,218	5,182	7,236	8,016	(D)	(D)	(D)	(D)	(D)	29,654*
Furniture and fixtures	4,739	4,870	5,917	6,239	6,412	5,935	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	957	1,188	733	1,030	788	659	145,346	194,205	137,328	134,484	130,213*	128,313*
Fabricated metal products	9,001	9,533	10,508	11,128	10,298	11,735	179,523	190,859	194,465	197,260	193,892	214,945
Machinery, except electrical	(D)	544,544	549,710	542,846	536,481	555,661	(D)	(D)	134,668	146,898	162,956	174,318
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	133,606*	157,386*	151,226*	157,515*	166,326*	139,606*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	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	3,902	4,611	6,085	8,505	8,689	8,912	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	6,087	5,609	5,104	4,725	4,087	4,399	(D)	97,673	116,770	(D)	(D)	122,852*
Miscellaneous manufacturing industries	783	1,019	849	904	1,030	(D)	442,739*	482,557*	504,991*	541,846*	571,726*	598,686
Transportation and public utilities	87,873	94,001	96,082	99,898	107,333	114,233	336,298	349,033	365,365	394,743	431,810	464,252
Railroad transportation	118	100	110	105	146	231	12,251	11,552*	10,793*	(D)	(D)	(D)
Trucking and warehousing	16,522	19,102	20,040	21,489	23,851	26,705	77,430	86,120	86,398	94,171	106,631	113,029
Water transportation	(D)	(D)	(D)	1,290	1,563	958	8,347	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	36,873	36,848	34,610	34,048	35,662	37,014	132,011*	123,714*	128,469*	139,075	147,296	156,950*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	68,434	74,458	80,166	82,768	89,752	100,289
Wholesale trade	81,071	87,304	96,431	107,482	109,196	81,446	395,412	433,243	488,814	536,849	590,177	655,197
Retail trade	178,505	197,750	219,181	240,073	264,614	297,309	698,279	761,327	835,853	922,503	1,025,401	1,115,658
Finance, insurance, and real estate	57,874	62,589	68,887	82,884	104,451	113,689	441,127	478,765	519,483	590,739	673,724	767,473
Banking and credit agencies	(D)	29,678	31,183	38,072	46,209	50,825	159,452*	177,469*	205,218	234,821	267,560	298,967*
Other finance, insurance, and real estate[9]	(D)	32,911	37,704	44,812	58,242	62,864	264,285*	283,365*	314,265	355,918	406,164	427,957*
Services	379,288	433,711	485,032	545,376	601,659	700,230	1,525,831	1,715,465	1,914,954	2,141,999	2,429,381	2,738,134
Hotels and other lodging places	8,542	9,069	9,780	10,153	13,952	16,066	(D)	17,324*	(D)	(D)	(D)	(D)
Personal services	12,517	13,278	17,060	19,531	21,076	23,208	67,637	73,303	91,425	103,738	113,794	124,639
Private households	8,923	9,923	9,939	9,890	9,919	10,018	15,444	17,192	17,308	17,323	17,556	17,787
Business services	44,524	51,958	58,423	67,138	70,782	112,715	187,987	228,363	260,080	315,940	383,076	433,279
Auto repair, services, and garages	13,476	16,359	18,514	21,763	23,522	25,549	51,902	61,187	68,851	79,296	87,598	98,232
Miscellaneous repair services	4,974	5,820	4,751	4,534	6,482	8,515	27,331	33,437	32,809	36,574*	38,558	41,194
Amusement and recreation services	5,925	6,989	8,524	9,776	10,499	12,045	(D)	31,628	(D)	39,060	43,485	46,786
Motion pictures	691	816	1,309	1,918	1,529	1,524	2,354*	2,880*	(D)	(D)	(D)	(D)
Health services	141,338	157,828	173,270	193,022	219,691	239,799	633,937	689,544	756,514	803,246	904,584	1,022,319
Legal services	24,417	31,398	32,669	38,616	41,966	47,007	108,115	134,714	147,915	173,394	191,309	218,940
Educational services	53,915	60,583	66,978	73,971	80,016	90,874	148,849*	160,876*	179,863*	193,398*	220,601*	241,520*
Social services	25,301	28,731	34,430	34,767	34,899	39,587	60,386	65,510	74,867	84,306	96,262	114,417
Museums, botanical, zoological gardens	343	381	404	2,067	2,609	2,767	(D)	276*	(D)	(D)	(D)	(D)
Membership organizations	15,726	16,753	17,663	18,909	20,841	22,490	62,130	66,328	67,080	76,635	83,353	92,884
Miscellaneous services	18,676	23,825	31,318	39,321	43,876	48,066	97,768	115,819	138,039	175,235	200,249	232,753
Government and government enterprises	426,299	463,686	498,665	534,207	571,845	618,000	993,877	1,085,455	1,158,200	1,204,898	1,295,445	1,418,124
Federal, civilian	47,601	50,362	53,710	55,682	59,996	66,261	148,657	160,096	170,358	173,285	189,759	206,188
Military	2,657	2,782	3,261	3,532	3,808	3,945	31,716	34,534	37,527	41,706	39,522	40,857
State and local	376,041	410,542	441,694	474,993	508,041	547,794	813,504	890,825	950,315	989,907	1,066,164	1,171,079

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Provo—Orem, UT (MSA)						Pueblo, CO (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,662,417**	**1,838,578**	**1,959,422**	**2,080,093**	**2,186,568**	**2,425,104**	**1,230,612**	**1,297,648**	**1,350,589**	**1,407,107**	**1,455,086**	**1,550,183**
Nonfarm personal income	1,650,368	1,825,900	1,944,619	2,065,125	2,168,927	2,406,942	1,220,324	1,287,390	1,338,406	1,394,220	1,441,289	1,535,041
Farm income[1]	12,049	12,678	14,803	14,968	17,641	18,162	10,288	10,258	12,183	12,887	13,797	15,142
Population (thousands)[2]	234.7	236.9	240.1	239.6	241.6	242.7	127.0	126.0	126.0	126.7	127.4	127.6
Per capita personal income (dollars)	**7,083**	**7,762**	**8,161**	**8,683**	**9,052**	**9,993**	**9,693**	**10,302**	**10,716**	**11,106**	**11,422**	**12,145**
Derivation of total personal income:												
Total earnings by place of work	1,123,325	1,261,973	1,346,474	1,424,661	1,486,313	1,693,167	759,010	797,303	831,239	855,403	866,001	912,610
Less: Personal contributions for social insurance[3]	65,702	73,034	80,057	89,154	92,082	110,107	41,705	44,617	48,784	51,458	52,115	57,868
Plus: Adjustment for residence	141,212	164,295	173,470	170,736	172,755	179,885	−13,432	−12,099	−13,380	−14,398	−12,626	−14,097
Equals: Net earnings by place of residence	1,198,835	1,353,234	1,439,887	1,506,243	1,566,986	1,762,945	703,873	740,587	769,075	789,547	801,260	840,645
Plus: Dividends, interest, and rent[4]	206,945	225,251	245,246	256,205	278,851	302,411	215,383	238,535	255,673	265,987	274,178	293,555
Plus: Transfer payments	256,637	260,093	274,289	317,645	340,731	359,748	311,356	318,526	325,841	351,573	379,648	415,983
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	900,942	1,002,610	1,072,431	1,136,900	1,186,322	1,365,161	620,300	648,085	678,554	694,620	701,020	737,391
Other labor income	92,885	101,102	101,888	103,183	102,608	122,083	63,034	63,053	62,161	62,527	62,746	67,129
Proprietors' income[6]	129,498	158,261	172,155	184,578	197,383	205,923	75,676	86,165	90,524	98,256	102,235	108,090
Farm	4,777	5,507	7,775	8,121	10,572	11,180	7,345	7,356	9,341	10,131	10,945	12,325
Nonfarm	124,721	152,754	164,380	176,457	186,811	194,743	68,331	78,809	81,183	88,125	91,290	95,765
Earnings by industry:												
Farm	12,049	12,678	14,803	14,968	17,641	18,162	10,288	10,258	12,183	12,887	13,797	15,142
Nonfarm	1,111,276	1,249,295	1,331,671	1,409,693	1,468,672	1,675,005	748,722	787,045	819,056	842,516	852,204	897,468
Private	927,374	1,055,298	1,107,494	1,163,333	1,222,469	1,419,150	565,231	596,180	612,600	626,572	622,120	659,346
Agricultural services, forestry, fisheries, and other[7]	3,114	3,169	3,881	3,750	5,183	5,579	1,990	2,149	2,317	2,354	2,903	3,206
Agricultural services	2,912	3,079	3,632	3,446	4,955	5,322	1,873	2,088	2,125	2,112	2,734	3,019
Forestry, fisheries, and other[7]	202	90	249	304	228	257	117	61	192	242	169	187
Mining	3,097	6,053	3,769	1,393	1,228	1,327	4,370	4,464	4,633	3,014	3,163	3,139
Coal mining	154	172	203	227	(D)	107	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	1,950	2,384	783	726	695	4,134	4,165	4,443	2,788	2,614	2,595
Metal mining	212	(D)	(D)	169	(D)	243	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	214	161	282	232	300	188	222	528	528
Construction	91,701	101,702	101,379	98,145	95,959	99,048	49,903	53,038	57,430	63,670	59,249	59,901
Manufacturing	244,226	290,686	276,879	258,393	237,972	329,029	128,507	137,814	128,785	123,100	119,524	133,532
Nondurable goods	35,942	38,975	41,016	45,077	53,704	78,612	16,034	17,948	19,077	20,280	22,554	23,395
Food and kindred products	5,835	6,283	8,203	9,995	15,496	21,352	10,022	11,226	12,199	13,124	13,387	13,150
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	15,701	16,432	15,979	16,169	15,613	17,037	(D)	(D)	0	0	0	0
Paper and allied products	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Printing and publishing	6,303	6,909	7,309	8,723	11,602	18,786	5,559	6,167	6,250	6,576	6,204	6,577
Chemicals and allied products	6,756	7,769	8,022	8,703	9,301	20,140	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	0	226	261	286	329	281
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	1,318	(D)	1,242	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	0	0	(D)	(L)	(D)	0	0	0	0	(D)	(D)
Durable goods	208,284	251,711	235,863	213,316	184,268	250,417	112,473	119,866	109,708	102,820	96,970	110,137
Lumber and wood products	1,836	2,492	2,486	2,881	2,824	2,691	320	571	729	882	922	1,011
Furniture and fixtures	4,205	4,730	4,324	3,499	3,997	3,278	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	38,112	(D)	(D)	94,407	(D)	(D)	(D)	(D)
Fabricated metal products	30,153	37,868	31,313	34,220	37,339	39,602	2,775	4,602	4,406	(D)	4,630	(D)
Machinery, except electrical	20,423	25,424	25,193	28,959	36,836	25,236	(D)	(D)	15,474	22,454	28,463	14,991
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	727	515	3,634	2,191	3,718	4,877	0	0	(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	9,675	12,069	11,491	11,080	10,386	12,555	9,163	9,007	8,989	9,550	6,176	5,858
Instruments and related products	(D)	(D)	217	389	1,749	2,657	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,469	1,249	1,296	1,283	2,056	3,594	458	540	559	463	(L)	(D)
Transportation and public utilities	61,186	62,880	67,525	68,444	71,328	73,428	78,407	77,806	77,183	72,740	64,879	64,495
Railroad transportation	(D)	7,479	7,314	5,099	(D)	(D)	27,895	28,633	26,752	22,715	19,311	18,585
Trucking and warehousing	18,218	20,693	23,362	27,553	31,135	36,547	11,490	13,558	15,111	13,810	10,981	10,383
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	8,338	8,377	8,971	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	15,644	13,671	14,345	12,437	11,941	10,565	17,174	13,965	13,286	13,305	13,170	13,304
Electric, gas, and sanitary services	13,633	12,711	14,135	14,395	13,882	12,945	17,468	17,601	18,643	19,338	17,746	18,114
Wholesale trade	28,840	29,308	31,678	37,342	42,470	65,781	21,904	25,054	27,453	27,169	24,817	24,851
Retail trade	119,183	126,782	133,959	140,017	144,473	156,068	92,788	98,234	104,493	105,811	109,906	113,070
Finance, insurance, and real estate	33,042	39,066	42,644	46,531	50,887	51,635	32,550	36,668	38,629	43,372	37,423	38,297
Banking and credit agencies	18,064	20,037	19,695	24,389	26,301	25,258	16,735	18,015	20,064	21,604	16,984	17,244
Other finance, insurance, and real estate[9]	14,978	19,029	22,949	22,142	24,586	26,377	15,815	18,653	18,565	21,768	20,439	21,053
Services	342,985	395,652	445,780	509,318	572,969	637,255	154,812	160,953	171,677	185,342	200,256	218,855
Hotels and other lodging places	3,039	3,114	3,194	2,652	3,417	3,267	2,350	2,324	4,011	3,921	4,231	4,388
Personal services	10,217	11,253	14,039	15,396	16,026	17,933	8,225	8,239	9,400	10,323	10,667	11,306
Private households	3,440	3,860	3,910	3,937	3,982	4,036	1,841	2,061	2,089	2,098	2,119	2,138
Business services	(D)	(D)	(D)	(D)	(D)	(D)	9,860	11,107	13,256	14,930	16,424	17,936
Auto repair, services, and garages	12,179	15,431	16,924	19,314	20,040	22,201	8,656	10,442	11,412	12,530	12,776	13,781
Miscellaneous repair services	5,342	6,576	5,588	5,792	5,339	5,598	3,193	3,572	3,823	3,990	3,770	4,132
Amusement and recreation services	4,222	5,601	6,903	7,458	8,114	8,221	2,631	2,790	3,402	3,452	3,213	3,636
Motion pictures	3,452	11,159	12,991	13,998	10,540	10,791	570	701	706	(D)	(D)	(D)
Health services	85,041	90,010	102,330	116,201	143,412	150,184	86,470	84,998	86,609	93,065	104,777	116,741
Legal services	4,540	6,194	6,821	8,153	9,956	9,573	6,553	7,241	7,617	8,784	9,264	9,960
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	849	1,012	1,273	1,181	1,217	1,948
Social services	883	1,146	1,484	2,290	2,943	4,089	(D)	(D)	(D)	9,553	9,331	9,524
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	24,010	27,139	28,900	31,048	33,406	37,015	8,758	9,425	9,443	9,760	10,479	11,475
Miscellaneous services	13,791	16,005	18,923	21,152	22,313	24,853	7,271	8,771	9,245	11,105	11,322	11,303
Government and government enterprises	183,902	193,997	224,177	246,360	246,203	255,855	183,491	190,865	206,456	215,944	230,084	238,122
Federal, civilian	17,218	18,283	19,543	19,751	20,537	22,182	33,152	32,858	35,369	33,029	35,199	37,136
Military	7,129	7,721	8,346	9,637	10,366	10,836	3,750	3,721	7,690	9,719	9,430	9,598
State and local	159,555	167,993	196,288	216,972	215,300	222,837	146,589	154,286	163,397	173,196	185,455	191,388

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Racine, WI (PMSA)						Raleigh—Durham, NC (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,129,762**	**2,309,539**	**2,404,297**	**2,508,361**	**2,673,612**	**2,862,875**	**7,175,267**	**8,231,381**	**9,293,356**	**10,147,170**	**11,062,618**	**12,077,594**
Nonfarm personal income	2,111,780	2,290,927	2,381,781	2,483,530	2,648,290	2,841,564	7,128,739	8,160,511	9,239,820	10,108,210	11,013,412	12,016,593
Farm income[1]	17,982	18,612	22,516	24,831	25,322	21,311	46,528	70,870	53,536	38,960	49,206	61,001
Population (thousands)[2]	171.1	171.2	171.6	171.2	171.7	173.8	592.5	610.0	631.3	650.5	664.9	683.5
Per capita personal income (dollars)	**12,450**	**13,488**	**14,008**	**14,648**	**15,567**	**16,475**	**12,110**	**13,493**	**14,722**	**15,600**	**16,639**	**17,671**
Derivation of total personal income:												
Total earnings by place of work	1,349,319	1,485,725	1,524,749	1,635,225	1,726,507	1,870,789	6,094,153	7,028,033	8,074,350	8,820,148	9,580,344	10,454,409
Less: Personal contributions for social insurance[3]	83,876	93,345	100,432	106,837	112,225	127,976	356,613	408,233	489,714	539,172	580,048	654,832
Plus: Adjustment for residence	185,695	202,913	227,509	204,438	246,751	250,234	−349,366	−398,006	−516,533	−546,314	−561,927	−601,038
Equals: Net earnings by place of residence	1,451,138	1,595,293	1,651,826	1,732,826	1,861,033	1,993,047	5,388,174	6,221,794	7,068,103	7,734,662	8,438,369	9,198,539
Plus: Dividends, interest, and rent[4]	332,323	372,459	386,400	389,874	413,729	453,433	943,890	1,131,196	1,276,301	1,389,917	1,529,662	1,689,270
Plus: Transfer payments	346,301	341,787	366,071	385,661	398,850	416,395	843,203	878,391	948,952	1,022,591	1,094,587	1,189,785
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,120,768	1,240,158	1,269,174	1,361,096	1,435,664	1,563,445	5,145,331	5,929,943	6,846,909	7,467,036	8,100,744	8,846,817
Other labor income	128,171	137,124	133,411	144,848	152,482	164,954	495,277	545,845	592,974	642,229	686,272	739,164
Proprietors' income[5]	100,380	108,443	122,164	129,281	138,361	142,390	453,545	552,245	634,467	710,883	793,328	868,428
Farm	12,498	13,236	17,150	19,544	19,781	15,775	32,830	57,418	40,236	25,764	35,196	46,843
Nonfarm	87,882	95,207	105,014	109,737	118,580	126,615	420,715	494,827	594,231	685,119	758,132	821,585
Earnings by industry:												
Farm	17,982	18,612	22,516	24,831	25,322	21,311	46,528	70,870	53,536	38,960	49,206	61,001
Nonfarm	1,331,337	1,467,113	1,502,233	1,610,394	1,701,185	1,849,478	6,047,625	6,957,163	8,020,814	8,781,188	9,531,138	10,393,408
Private	1,171,404	1,301,303	1,327,006	1,425,128	1,508,445	1,638,751	4,689,461	5,476,753	6,350,200	6,937,439	7,522,206	8,223,199
Agricultural services, forestry, fisheries, and other[7]	4,291	4,088	4,084	4,061	6,016	6,553	20,939	23,105	30,637	33,525	46,682	50,846*
Agricultural services	4,224	4,047	4,003	3,960	5,929	6,456	18,661	21,611	28,792	31,582	44,955	51,507
Forestry, fisheries, and other[7]	67	(L)	81	101	87	97	2,278	1,494	1,845	1,943	1,727	1,706*
Mining	3,723	4,272	5,731	2,980	2,385	2,197	16,558	19,566	27,362	16,569	16,355	15,585*
Coal mining	0	0	0	0	0	0	84	133	81	68	(L)	(L)
Oil and gas extraction	3,103	(D)	(D)	(D)	(D)	(D)	(D)	10,827*	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(D)	(L)	161	(D)	204
Nonmetallic minerals, except fuels	620	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10,809*
Construction	47,338	56,580	61,416	71,602	77,751	85,288	392,899	524,462	676,834	685,491	653,153	681,320
Manufacturing	643,380	732,526	728,074	762,376	786,990	865,233	1,262,393	1,478,156	1,659,898	1,746,802	1,831,342	2,000,603
Nondurable goods	223,631	245,741	256,845	271,704	279,484	309,045	442,838	462,237	485,537	544,903	617,607	643,094
Food and kindred products	14,343	15,756	20,236	24,158	24,321	26,663	52,218*	53,697*	58,081*	62,613*	69,712*	76,702*
Textile mill products	(D)	(D)	(D)	0	0	0	(D)	(D)	47,450	(D)	(D)	(D)
Apparel and other textile products	3,675	4,349	4,573	(D)	(D)	(D)	(D)	27,588*	(D)	29,614*	(D)	(D)
Paper and allied products	7,237	8,712	8,465	9,038	9,801	10,465	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	53,625	62,453	62,932	64,874	70,009	75,790	54,153*	61,657*	72,138*	85,092*	94,384*	105,753*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	177,930*	(D)	273,892*
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	164	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	120,399	123,865*	117,175*	96,605*	99,121*	(D)
Rubber and misc. plastic products	23,187	27,790	27,437	30,072	31,323	31,760	10,231*	17,197*	20,065*	21,290*	26,964*	(D)
Leather and leather products	452	464	530	435	574	521	0	(D)	(D)	(D)	(D)	(D)
Durable goods	419,749	486,785	471,229	490,672	507,506	556,188	819,555	1,015,919	1,174,361	1,201,899	1,213,735	1,357,509
Lumber and wood products	1,463	1,551	1,760	2,459	2,598	2,221	22,948	29,139	34,411	39,929	(D)	(D)
Furniture and fixtures	2,183	2,479	3,037	2,974	2,631	2,640	17,230	19,859	20,081	24,530	(D)	(D)
Primary metal industries	22,621	38,132	33,999	34,196	39,006	48,318	(D)	13,110	(D)	(D)	(D)	(D)
Fabricated metal products	53,726	60,861	62,399	72,996	77,624	85,643	44,447*	39,820*	44,802*	46,460*	50,967*	65,591*
Machinery, except electrical	232,877	260,781	246,875	257,677	259,150	283,868	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	61,349	72,219	70,991	72,876	74,016	73,823	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	2,332	2,538	2,593	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	19,974	20,772	(D)	(D)	(D)	(D)	(D)	(D)	9,414*	12,213*	13,514*	15,583*
Stone, clay, and glass products	15,639	17,904	18,326	18,464	19,733	22,061	16,369*	19,536*	23,984*	25,391*	21,381*	22,412
Instruments and related products	5,580	7,086	(D)	(D)	(D)	(D)	(D)	(D)	73,321*	74,783*	74,972*	81,547*
Miscellaneous manufacturing industries	(D)	(D)	(D)	3,458	4,377	4,178	(D)	7,635*	9,094*	9,611*	11,755*	14,169
Transportation and public utilities	49,541	51,911	51,004	75,334	75,560	77,371	410,250	463,667	504,653	553,858	579,454	606,705
Railroad transportation	(D)	1,816	1,811	1,984	(D)	1,984	16,110	15,977	15,417	15,637	15,407	12,874
Trucking and warehousing	21,733	25,044	21,672	24,215	23,599	(D)	86,551	103,758	112,772	121,644	126,317	135,223
Water transportation	(D)	905	619	626	878	1,250	(D)	−19*	(D)	(D)	(D)	(D)
Other transportation[8]	6,817	7,304	6,314	9,457	10,768	11,604	(D)	(D)	(D)	(D)	(D)	(D)
Communication	13,912	11,555	11,970	12,197	11,109	10,714	120,377	133,670*	144,735*	163,104*	175,141*	184,289*
Electric, gas, and sanitary services	4,606	5,287	8,618	26,855	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	51,266	54,649	52,761	54,234	59,046	59,831	384,619	456,561	528,752	578,417	656,072	694,627
Retail trade	129,322	136,308	143,154	150,899	159,560	167,909	557,562	627,289	707,892	767,309	829,402	935,394
Finance, insurance, and real estate	33,792	33,834	34,355	39,353	40,789	42,758	342,411	382,932	440,434	529,584	598,629	645,993
Banking and credit agencies	19,529	19,602	20,119	20,768	20,901	19,803	95,171*	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	14,263	14,232	14,236	18,585	19,888	22,955	(D)	(D)	(D)	(D)	(D)	(D)
Services	208,751	227,135	246,427	264,289	300,348	331,611	1,301,830	1,501,015	1,773,738	2,025,884	2,311,117	2,589,238
Hotels and other lodging places	3,462	3,476	3,503	3,603	3,791	2,710	37,406*	44,186*	47,651	53,732	53,915*	58,452*
Personal services	11,261	12,069	14,227	15,609	17,010	19,793	53,972	60,890	76,762	86,945	99,212	106,217
Private households	2,200	2,437	2,447	2,434	2,452	2,492	37,118	41,728	42,352	42,570	43,185	44,010
Business services	33,645	40,173	45,730	53,723	58,995	68,903	292,547	344,585	459,174	537,169	645,126	731,142
Auto repair, services, and garages	8,945	10,739	12,682	14,047	16,721	18,387	38,088	48,189	57,825	62,998	70,482	72,090
Miscellaneous repair services	2,936	3,475	3,249	3,763	4,200	4,963	17,545	22,558	23,279	24,797	26,247	33,595
Amusement and recreation services	4,309	4,528	5,088	5,476	5,717	6,363	13,114	14,848	17,077	20,666	24,435	24,622
Motion pictures	609	754	971	979	219	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	98,372	102,132	105,645	107,318	125,144	135,152	247,894	281,520	318,564	360,793	422,691	472,412
Legal services	10,786	12,227	13,187	13,920	17,646	17,088	58,746	74,285	86,292	102,163	112,305	130,440
Educational services	4,522	4,816	5,356	5,511	6,012	6,843	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,862	7,087	8,097	8,852	11,074	14,278	29,981	33,310	37,591	44,358	52,706	61,135
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	(D)	(D)	(D)	(D)	13,619	56,085	58,409	57,415	57,457	60,581	68,062
Miscellaneous services	10,039	11,836	14,460	16,995	18,746	20,700	141,896	171,246	217,381	266,163	292,840	333,570
Government and government enterprises	159,933	165,810	175,227	185,266	192,740	210,727	1,358,164	1,480,410	1,670,614	1,843,749	2,008,932	2,170,209
Federal, civilian	10,440	11,171	11,648	11,640	12,335	13,297	197,925	213,698	228,464	234,424	254,211	284,824
Military	4,304	5,189	5,804	6,278	6,758	7,044	21,957	26,497	29,224	31,674	32,884	33,976
State and local	145,189	149,450	157,775	167,348	173,647	190,386	1,138,282	1,240,215	1,412,926	1,577,651	1,721,837	1,851,409

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Rapid City, SD (MSA)						Reading, PA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**805,361**	**873,969**	**905,289**	**971,596**	**1,032,295**	**1,080,709**	**4,196,579**	**4,547,365**	**4,804,423**	**5,074,778**	**5,458,113**	**5,857,290**
Nonfarm personal income	794,332	857,971	898,274	956,848	1,020,395	1,072,343	4,153,936	4,477,794	4,742,376	5,013,574	5,391,607	5,791,499
Farm income[1]	11,029	15,998	7,015	14,748	11,900	8,366	42,643	69,571	62,047	61,204	66,506	65,791
Population (thousands)[2]	73.9	75.5	76.4	78.3	80.8	82.0	315.5	318.1	318.5	321.6	325.2	329.1
Per capita personal income (dollars)	**10,897**	**11,579**	**11,855**	**12,411**	**12,783**	**13,176**	**13,299**	**14,295**	**15,083**	**15,780**	**16,782**	**17,798**
Derivation of total personal income:												
Total earnings by place of work	656,242	723,433	741,712	798,841	852,061	881,610	2,865,588	3,188,141	3,301,833	3,476,299	3,768,978	4,074,611
Less: Personal contributions for social insurance[3]	40,466	45,020	49,122	53,227	56,921	62,441	176,624	200,362	218,007	232,994	246,952	280,364
Plus: Adjustment for residence	−58,586	−65,338	−68,959	−75,197	−84,697	−83,362	189,166	196,114	224,284	240,527	271,490	290,144
Equals: Net earnings by place of residence	557,190	613,075	623,631	670,417	710,443	735,807	2,878,130	3,183,893	3,308,110	3,483,832	3,793,516	4,084,391
Plus: Dividends, interest, and rent[5]	131,804	138,801	148,793	158,390	169,283	182,871	660,428	714,661	784,765	825,484	875,644	956,017
Plus: Transfer payments	116,367	122,093	132,865	142,789	152,569	162,031	658,021	648,811	711,548	765,462	788,953	816,882
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	530,502	580,319	605,031	642,003	686,794	711,810	2,322,966	2,571,050	2,680,750	2,816,336	3,047,324	3,305,780
Other labor income	40,033	43,024	42,856	46,108	48,854	51,429	286,564	308,229	307,747	324,939	351,669	378,801
Proprietors' income[6]	85,707	100,090	93,825	110,730	116,413	118,371	256,058	308,862	313,336	335,024	369,985	390,030
Farm	9,786	14,763	5,851	13,658	10,825	7,353	23,406	50,801	43,177	42,369	46,431	45,449
Nonfarm	75,921	85,327	87,974	97,072	105,588	111,018	232,652	258,061	270,159	292,655	323,554	344,581
Earnings by industry:												
Farm	11,029	15,998	7,015	14,748	11,900	8,366	42,643	69,571	62,047	61,204	66,506	65,791
Nonfarm	645,213	707,435	734,697	784,093	840,161	873,244	2,822,945	3,118,570	3,239,786	3,415,095	3,702,472	4,008,820
Private	440,315	492,205	506,604	542,490	569,212	592,555	2,552,321	2,829,437	2,934,008	3,091,241	3,353,946	3,632,415
Agricultural services, forestry, fisheries, and other[7]	2,479	2,609	2,021	1,728	2,689	2,908	12,936	12,578	12,969	12,309	19,671	22,974
Agricultural services	1,491	1,815	1,703	1,564	2,540	2,775	12,335	12,158	12,021	11,032	18,523	21,600
Forestry, fisheries, and other[7]	988	794	318	164	149	133	601	420	948	1,277	1,148	1,374
Mining	9,672	9,263	9,286	9,771	9,146	9,776	10,180	11,243	14,989	9,211	9,211	10,234
Coal mining	511	645	628	886	(D)	(D)	110	131	126	140	71	71
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	956	5,557	5,809	9,041	2,945	2,759	2,663
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	7,135	6,602	6,750	8,051	7,858	8,059	4,513	5,303	5,822	6,126	6,381	7,500
Construction	49,610	54,096	59,242	71,185	68,431	64,349	134,587	160,508	178,054	199,644	223,219	259,577
Manufacturing	47,715	61,717	60,771	61,975	68,535	70,790	1,168,705	1,322,464	1,311,886	1,314,576	1,381,466	1,447,067
Nondurable goods	14,800	14,892	15,806	16,127	17,362	17,494	387,872	396,986	395,434	412,411	441,541	459,280
Food and kindred products	9,010	8,961	9,329	9,521	9,859	9,596	87,877	96,308	101,540	108,713	115,415	116,223
Textile mill products	0	0	0	0	(D)	(D)	86,491	76,285	58,214	57,166	71,776	74,237
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	56,319	56,275	62,092	59,802	55,480	55,986
Paper and allied products	0	0	0	(D)	(D)	(D)	37,530	42,046	40,400	40,628	43,457	44,455
Printing and publishing	5,209	5,458	5,973	5,996	6,538	6,775	25,130	25,780	28,793	30,769	33,699	36,986
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	34,771	36,865	36,602	36,155	38,469	42,619
Petroleum and coal products	0	0	0	0	0	0	4,782	6,471	7,588	12,338	10,960	11,072
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)	38,744	40,177	42,488	49,688	53,851	56,765
Leather and leather products	0	0	0	0	0	0	16,228	16,779	17,717	17,152	18,434	20,937
Durable goods	32,915	46,825	44,965	45,848	51,173	53,296	780,833	925,478	916,452	902,165	939,925	987,787
Lumber and wood products	3,912	5,381	7,437	9,517	12,854	13,192	(D)	22,988	25,063	30,193	36,965	38,940
Furniture and fixtures	(D)	143	(D)	(D)	1,062	1,404	9,860	(D)	10,525	(D)	7,361	(D)
Primary metal industries	0	(L)	(D)	(D)	(D)	(D)	225,203	269,737	265,081	245,861	248,041	254,502
Fabricated metal products	1,777	2,971	3,347	3,642	3,361	3,813	49,996	61,113	62,703	68,977	74,545	77,249
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	72,886	75,365	72,423	81,373	80,852	90,167
Electric and electronic equipment	(D)	(D)	(D)	997	917	651	226,057	283,049	281,211	273,887	280,301	286,603
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	114	(D)	(L)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	115,534	137,595	137,154	133,573	149,559	173,374
Stone, clay, and glass products	1,648	3,205	3,097	3,051	2,645	3,115	14,066	16,635	17,122	18,793	21,374	22,568
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	24,701	27,371	27,673	22,139	22,372	25,149
Miscellaneous manufacturing industries	5,950	8,608	10,121	10,018	11,080	13,225	20,248	20,759	17,383	19,129	18,509	11,796
Transportation and public utilities	49,751	51,756	53,882	53,319	53,888	55,036	170,000	187,289	198,150	216,346	231,451	249,037
Railroad transportation	1,796	2,345	2,302	2,519	2,603	2,792	14,032	12,268	9,372	10,625	12,029	11,103
Trucking and warehousing	17,100	19,559	20,451	19,602	19,521	20,394	37,865	44,342	44,546	49,144	53,162	57,299
Water transportation	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)
Other transportation[8]	4,897	5,265	4,910	5,290	(D)	(D)	(D)	(D)	(D)	26,393	31,271	34,405
Communication	15,709	13,743	14,047	13,232	12,906	12,212	35,623	34,551	34,288	37,361	39,039	46,655
Electric, gas, and sanitary services	10,253	10,848	12,176	12,681	13,233	13,891	64,584	75,346	86,652	92,830	95,954	99,573
Wholesale trade	37,041	42,954	43,390	44,462	45,483	51,008	129,295	145,876	154,209	171,422	198,414	221,685
Retail trade	84,545	92,021	93,310	97,439	102,431	105,477	263,590	275,197	296,204	326,679	352,045	381,354
Finance, insurance, and real estate	27,904	30,876	32,560	35,859	37,101	36,839	134,053	145,102	146,251	158,347	190,894	218,813
Banking and credit agencies	(D)	(D)	(D)	(D)	15,295	14,530	56,492	63,883	61,292	67,712	84,351	93,008
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	21,806	22,309	77,561	81,219	84,959	90,635	106,543	125,805
Services	131,598	146,913	152,142	166,752	181,508	196,372	528,975	569,180	621,296	682,707	747,575	821,674
Hotels and other lodging places	7,985	8,715	9,080	8,973	10,017	10,498	6,350	6,976	7,779	8,504	10,022	10,561
Personal services	7,468	8,007	8,662	9,968	11,100	11,670	25,241	26,287	32,137	35,424	39,738	44,683
Private households	(D)	(D)	(D)	(D)	(D)	(D)	5,750	6,366	6,358	6,330	6,359	6,430
Business services	14,498	19,003	17,790	20,611	23,405	24,955	47,702	58,804	70,085	82,943	93,574	103,802
Auto repair, services, and garages	7,524	8,928	9,834	10,488	10,745	11,252	36,020	39,009	49,623	60,756	70,447	76,009
Miscellaneous repair services	3,384	4,325	3,573	3,721	3,949	4,973	10,678	12,089	12,024	12,945	12,279	14,079
Amusement and recreation services	3,419	3,628	3,698	4,096	4,841	4,658	10,596	11,099	11,702	13,396	13,607	14,167
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,397	1,818	1,929	1,676	1,605	1,659
Health services	52,962	56,556	59,515	63,018	68,533	77,976	197,137	209,646	227,806	243,521	273,507	296,106
Legal services	8,428	9,694	10,619	12,616	13,114	14,263	18,949	23,085	25,938	28,056	33,683	40,366
Educational services	4,548	4,683	5,177	5,488	6,362	5,766	12,089	13,925	15,139	16,095	17,948	19,623
Social services	2,880	3,127	3,370	3,911	4,345	4,238	17,475	21,046	23,746	27,030	29,655	34,153
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	4,861	5,246	5,530	5,712	6,285	7,219	23,946	25,515	25,695	27,745	29,382	31,629
Miscellaneous services	11,459	12,582	12,913	15,833	16,559	16,595	115,645	113,515	111,335	118,286	115,769	128,407
Government and government enterprises	204,898	215,230	228,093	241,603	270,949	280,689	270,624	289,133	305,778	323,854	348,526	376,405
Federal, civilian	33,517	37,139	40,221	41,841	44,845	48,743	28,934	31,429	32,639	34,754	37,159	41,681
Military	111,190	115,325	119,736	126,070	147,664	148,723	9,009	8,019	8,952	9,640	9,731	10,155
State and local	60,191	62,766	68,136	73,692	78,440	83,223	232,681	249,685	264,187	279,460	301,636	324,569

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Redding, CA (MSA)						Reno, NV (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,334,954**	**1,470,279**	**1,572,559**	**1,690,476**	**1,856,196**	**2,017,738**	**3,092,798**	**3,386,140**	**3,656,233**	**3,914,152**	**4,252,132**	**4,713,208**
Nonfarm personal income	1,315,310	1,449,882	1,552,434	1,668,811	1,835,506	2,000,073	3,089,275	3,382,342	3,652,676	3,910,530	4,247,850	4,708,930
Farm income[1]	19,644	20,397	20,125	21,665	20,690	17,665	3,523	3,798	3,557	3,622	4,282	4,278
Population (thousands)[2]	124.0	126.9	130.5	132.4	135.7	139.7	210.2	213.8	219.8	226.3	233.1	239.7
Per capita personal income (dollars)	**10,765**	**11,586**	**12,049**	**12,764**	**13,678**	**14,439**	**14,716**	**15,837**	**16,633**	**17,298**	**18,244**	**19,660**
Derivation of total personal income:												
Total earnings by place of work	847,036	948,530	997,144	1,075,797	1,212,512	1,328,965	2,329,681	2,535,718	2,713,939	2,919,597	3,187,256	3,472,071
Less: Personal contributions for social insurance[3]	48,384	54,531	61,014	67,021	76,037	87,585	118,674	110,824	124,348	142,618	153,513	173,959
Plus: Adjustment for residence	−2,753	−4,446	−3,283	−5,200	−7,636	−11,109	−69,883	−74,250	−82,701	−82,411	−96,151	−55,476
Equals: Net earnings by place of residence	795,899	889,553	932,847	1,003,576	1,128,839	1,230,271	2,141,124	2,350,644	2,506,890	2,694,568	2,937,592	3,242,636
Plus: Dividends, interest, and rent[4]	241,130	263,299	288,945	305,476	319,495	351,734	578,971	644,449	718,511	754,000	826,757	942,419
Plus: Transfer payments	297,925	317,427	350,767	381,424	407,862	435,733	372,703	391,047	430,832	465,584	487,783	528,153
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	608,254	674,916	720,774	782,263	886,333	977,319	1,999,376	2,175,302	2,333,674	2,505,856	2,729,114	2,974,080
Other labor income	63,401	68,692	68,702	75,333	86,557	97,765	162,145	169,496	171,777	188,360	202,797	219,667
Proprietors' income[5]	175,381	204,922	207,668	218,201	239,622	253,881	168,160	190,920	208,488	225,381	255,345	278,324
Farm	14,386	14,728	14,137	16,263	14,456	11,563	2,499	2,790	2,570	2,648	3,261	3,258
Nonfarm	160,995	190,194	193,531	201,938	225,166	242,318	165,661	188,130	205,918	222,733	252,084	275,066
Earnings by industry:												
Farm	19,644	20,397	20,125	21,665	20,690	17,665	3,523	3,798	3,557	3,622	4,282	4,278
Nonfarm	827,392	928,133	977,019	1,054,132	1,191,822	1,311,300	2,326,158	2,531,920	2,710,382	2,915,975	3,182,974	3,467,793
Private	664,839	754,996	787,510	849,774	967,601	1,071,161	1,982,198	2,173,469	2,330,309	2,549,761	2,790,817	3,030,772
Agricultural services, forestry, fisheries, and other[7]	6,492	5,648	7,844	8,942	10,723	8,710	13,669	14,265	13,636	14,364	17,266	20,120
Agricultural services	3,783	3,442	3,412	4,088	6,104	7,390	(D)	(D)	(D)	10,477	13,835	(D)
Forestry, fisheries, and other[7]	2,709	2,206	4,432	4,854	4,619	1,320	(D)	(D)	(D)	3,887	3,431	(D)
Mining	2,661	3,234	5,988	5,703	5,437	6,467	24,005	29,138	33,812	31,097	39,398	57,169
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	(D)	(D)	(D)	(D)
Oil and gas extraction	1,535	1,340	(D)	(D)	(D)	771	8,345	9,027	10,929	4,600	3,890	3,911
Metal mining	(D)	(D)	95	160	(D)	242	10,999	15,115	16,294	20,740	29,014	47,189
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	4,375	5,448	4,661	4,996	(D)	(D)	(D)	(D)
Construction	89,791	109,968	105,510	117,548	132,870	143,641	177,513	192,790	205,466	235,343	245,452	270,067
Manufacturing	120,469	140,567	132,182	128,061	147,094	173,343	175,836	205,022	211,258	206,688	229,605	241,767
Nondurable goods	38,093	39,194	42,219	42,616	50,769	56,059	51,262	55,839	60,734	64,572	75,973	81,761
Food and kindred products	4,807	4,189	4,661	(D)	5,647	5,869	17,671	17,725	17,782	17,292	16,123	15,783
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,117	(D)	(D)	(D)
Apparel and other textile products	0	(D)	(D)	(D)	(D)	(D)	375	944	(D)	1,766	1,426	3,872
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	4,638	5,076	5,151	5,237	5,469	5,719	24,501	26,609	30,242	33,404	42,258	43,077
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	738	930	930	1,991	2,732	2,946
Petroleum and coal products	(D)	(D)	(D)	0	813	1,080	(D)	0	(D)	(D)	(D)	295
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	900	900	963	1,181	1,469	1,792	6,082	7,461	7,910	8,506	11,514	13,930
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	(D)
Durable goods	82,376	101,373	89,963	85,445	96,325	117,284	124,574	149,183	150,524	142,116	153,632	160,006
Lumber and wood products	62,857	76,527	62,104	60,130	71,712	89,027	3,167	3,785	4,964	4,934	5,311	6,425
Furniture and fixtures	265	(D)	573	457	381	309	910	1,283	1,741	3,344	5,468	5,983
Primary metal industries	897	(L)	0	0	0	(D)	3,335	4,619	4,318	(D)	6,812	7,167
Fabricated metal products	2,674	2,507	2,773	2,634	2,354	3,534	21,046	20,798	20,547	23,142	23,070	23,405
Machinery, except electrical	1,738	3,348	3,427	3,398	4,168	5,126	23,339	25,476	28,498	26,514	29,068	35,677
Electric and electronic equipment	4,174	7,079	7,830	4,443	3,101	3,277	19,387	21,055	21,703	21,294	20,407	5,931
Transportation equip. excl. motor vehicles	3,279	3,627	3,433	2,336	1,876	2,672	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	168	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,424	5,241	6,437	6,837	7,335	6,694	7,863	11,412	11,663	12,732	13,331	14,336
Instruments and related products	(D)	(D)	(D)	(D)	(D)	5,567	9,305	10,735	10,578	12,097	13,607	15,388
Miscellaneous manufacturing industries	(D)	(L)	74	88	99	195	21,746	24,788	28,144	28,788	32,881	41,602
Transportation and public utilities	84,451	90,266	91,249	96,656	105,102	117,013	228,240	233,188	240,034	262,949	285,175	305,666
Railroad transportation	4,346	4,217	3,491	3,087	2,725	2,051	15,113	16,577	15,615	13,648	12,025	10,749
Trucking and warehousing	32,525	38,783	40,151	43,185	49,224	57,544	44,489	48,308	50,454	55,284	62,074	67,583
Water transportation	(D)	(D)	(D)	(D)	(D)	3,059	(D)	(D)	(D)	−118	−72	56
Other transportation[8]	(D)	5,956	5,967	6,677	7,004	6,774	(D)	(D)	(D)	(D)	(D)	(D)
Communication	28,004	25,195	24,006	24,349	23,310	24,135	84,299	76,123	70,722	74,729	78,521	80,064
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	23,450	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	40,970	47,046	48,643	54,317	61,753	69,432	138,659	143,078	154,655	179,479	203,682	225,652
Retail trade	108,480	120,543	128,428	134,496	147,641	161,292	267,261	295,642	327,588	338,117	360,940	386,368
Finance, insurance, and real estate	26,037	30,305	35,458	42,603	47,267	39,884	134,445	142,434	145,315	166,348	183,543	185,203
Banking and credit agencies	(D)	(D)	17,188	21,158	25,729	17,909	55,704	59,562	61,075	69,012	73,230	74,971
Other finance, insurance, and real estate[9]	(D)	(D)	18,270	21,445	21,538	21,975	78,741	82,872	84,240	97,336	110,313	110,232
Services	185,488	207,419	232,208	261,448	309,714	351,379	822,570	917,912	998,545	1,115,376	1,225,756	1,338,760
Hotels and other lodging places	6,859	7,348	7,652	8,484	14,033	15,124	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	8,199	8,972	11,637	12,680	14,004	15,608	31,770	32,883	37,843	35,383	36,732	40,284
Private households	3,227	3,637	3,716	3,781	3,879	3,997	3,308	3,743	3,844	3,928	4,100	4,327
Business services	20,704	22,992	28,692	31,109	37,420	45,170	79,823	99,842	107,931	125,281	146,821	164,336
Auto repair, services, and garages	13,627	18,098	22,020	23,301	24,687	27,220	26,038	31,674	34,775	38,571	42,752	46,602
Miscellaneous repair services	6,901	8,287	7,562	8,748	9,869	10,951	10,020	12,683	12,080	13,586	13,764	15,598
Amusement and recreation services	2,911	3,935	4,218	4,690	5,896	5,338	208,684	227,052	163,823	164,796	170,379	149,227
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	977	1,281	1,307	1,637	2,436	4,039
Health services	77,435	83,663	89,142	98,934	123,588	142,015	158,050	167,700	187,988	252,761	280,936	308,209
Legal services	10,862	11,564	12,918	14,027	15,871	17,745	36,151	40,415	47,695	53,881	63,560	66,501
Educational services	2,265	2,643	2,697	2,720	2,977	3,217	4,466	5,653	7,467	8,120	8,538	8,087
Social services	3,132	4,199	5,520	9,648	11,188	13,097	10,887	11,611	12,863	13,171	15,227	15,734
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,924	10,308	11,276	11,697	12,205	13,438	21,354	23,433	24,274	26,269	29,815	34,754
Miscellaneous services	19,033	21,378	24,756	31,234	33,718	38,006	40,863	44,827	47,437	54,809	59,812	67,508
Government and government enterprises	162,553	173,137	189,509	204,358	224,221	240,139	343,960	358,451	380,073	366,214	392,157	437,021
Federal, civilian	27,355	29,061	30,800	30,930	34,081	38,534	72,944	80,668	84,184	84,221	90,150	98,215
Military	1,850	2,061	2,424	2,615	2,715	2,832	4,004	3,831	4,327	4,895	5,349	5,580
State and local	133,348	142,015	156,285	170,813	187,425	198,773	267,012	273,952	291,562	277,098	296,658	333,226

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Richland—Kennewick—Pasco, WA (MSA)						Richmond—Petersburg, VA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,839,405**	**1,827,986**	**1,882,574**	**1,979,756**	**2,070,020**	**2,136,727**	**10,447,895**	**11,348,741**	**12,163,516**	**13,148,471**	**14,457,248**	**15,717,587**
Nonfarm personal income	1,749,497	1,721,231	1,797,561	1,870,541	1,971,515	2,027,952	10,442,624	11,318,804	12,146,334	13,129,202	14,432,275	15,684,915
Farm income[1]	89,908	106,755	85,013	109,215	98,505	108,775	5,271	29,937	17,182	19,269	24,973	32,672
Population (thousands)[2]	150.5	148.3	147.8	146.1	147.0	146.4	786.1	792.1	800.6	812.9	828.3	844.3
Per capita personal income (dollars)	**12,222**	**12,330**	**12,738**	**13,551**	**14,078**	**14,599**	**13,290**	**14,327**	**15,194**	**16,175**	**17,454**	**18,617**
Derivation of total personal income:												
Total earnings by place of work	1,567,638	1,490,915	1,530,791	1,603,035	1,670,240	1,693,839	8,044,701	8,688,813	9,366,524	10,169,419	11,245,065	12,230,270
Less: Personal contributions for social insurance[3]	85,238	81,810	88,002	93,471	98,114	102,760	430,555	454,766	508,194	562,027	617,706	700,381
Plus: Adjustment for residence	−100,499	−72,476	−79,781	−76,336	−84,206	−86,336	−239,437	−234,210	−276,789	−310,886	−330,980	−346,085
Equals: Net earnings by place of residence	1,381,901	1,336,629	1,363,008	1,433,228	1,487,920	1,504,743	7,374,709	7,999,837	8,581,541	9,296,506	10,296,379	11,183,804
Plus: Dividends, interest, and rent[5]	224,770	244,754	255,437	268,090	288,007	317,049	1,728,171	1,942,810	2,097,382	2,233,167	2,448,998	2,712,957
Plus: Transfer payments	232,734	246,603	264,129	278,438	294,093	314,935	1,345,015	1,406,094	1,484,593	1,618,798	1,711,871	1,820,826
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,292,820	1,197,323	1,252,035	1,291,222	1,353,242	1,355,275	6,798,994	7,334,821	7,939,862	8,608,802	9,537,377	10,375,991
Other labor income	118,585	106,282	107,510	109,634	113,734	117,197	762,668	768,115	787,362	850,266	922,628	996,863
Proprietors' income[6]	156,233	187,310	171,246	202,179	203,264	221,367	483,039	585,877	639,300	710,351	785,060	857,416
Farm	56,679	74,168	52,507	76,860	64,296	74,292	−1,243	23,519	10,897	13,153	18,642	26,406
Nonfarm	99,554	113,142	118,739	125,319	138,968	147,075	484,282	562,358	628,403	697,198	766,418	831,010
Earnings by industry:												
Farm	89,908	106,755	85,013	109,215	98,505	108,775	5,271	29,937	17,182	19,269	24,973	32,672
Nonfarm	1,477,730	1,384,160	1,445,778	1,493,820	1,571,735	1,585,064	8,039,430	8,658,876	9,349,342	10,150,150	11,220,092	12,197,598
Private	1,260,019	1,168,348	1,210,866	1,247,523	1,311,961	1,309,561	6,365,075	6,894,002	7,488,956	8,161,691	9,060,875	9,877,762
Agricultural services, forestry, fisheries, and other[7]	10,774	11,609	12,015	12,410	15,877	17,610	20,086*	21,500*	25,375	28,917	34,131*	(D)
Agricultural services	10,586	11,515	11,790	12,100	15,612	17,315	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	188	94	225	310	265	295	(D)	(D)	(D)	(D)	(D)	(D)
Mining	1,977	1,742	2,025	1,267	975	940	(D)	(D)	48,453*	31,342*	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	9,171	11,184*	9,826*	11,803	5,884	6,070
Oil and gas extraction	(D)	(D)	(D)	(D)	720	(D)	(D)	18,041*	26,221*	7,658*	8,597*	8,065*
Metal mining	(D)	0	0	0	0	0	(L)	(L)	(L)	(D)	15*	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	254	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	252,700	134,620	129,866	123,973	121,978	127,746	485,982	562,573	662,061	780,901	902,004	1,000,807
Manufacturing	321,243	352,513	396,011	403,849	424,962	497,889	1,789,878	1,857,974	1,938,696	1,990,439	2,116,194	2,254,085
Nondurable goods	297,294	328,136	369,953	374,937	395,900	466,631	1,361,597*	1,379,052*	1,416,702*	1,467,578*	1,544,515*	1,620,363*
Food and kindred products	(D)	(D)	(D)	(D)	(D)	60,125	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,049*	(D)	(D)	29,815*	28,495*
Paper and allied products	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	5,793	5,767	5,435*	(D)	135,333*	147,802*	174,462*	188,205*	212,273*
Chemicals and allied products	251,567	277,968	314,390	328,103*	338,360*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	264	255	1,186	1,457	1,813	2,112
Tobacco manufactures	0	0	0	0	0	0	561,861	534,503	537,273	521,598	(D)	(D)
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	23,949	24,377	26,058	28,912	29,062	31,258	426,369*	473,120*	517,694*	518,402*	566,130*	625,631*
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	50,577	56,848
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	1,836	2,140	(D)	(D)	(D)	2,095	40,788*	41,490*	(D)	42,540*	38,107*	40,260*
Machinery, except electrical	1,612*	2,258*	2,427	2,164*	2,610	2,956*	55,940*	(D)	70,595*	68,670*	75,739*	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12,059*	14,585*	15,393*	17,037*
Stone, clay, and glass products	4,806	5,066*	4,951	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	38,147*
Instruments and related products	3,276	3,433	(D)	(D)	3,216	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	132	189	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	62,139	65,437	65,269	65,293	65,604	64,620	592,419*	628,941*	664,838*	711,704	770,584	847,042
Railroad transportation	18,779	20,426	19,113	18,222	18,212	17,035	48,775*	45,393*	37,545*	33,375*	29,281*	32,917*
Trucking and warehousing	15,147	15,910	15,833	15,976	16,574	16,941	140,984	161,879	168,024	181,238	202,441	(D)
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	49,765	(D)	(D)	(D)	(D)	(D)
Communication	18,785	18,327	17,891	17,676	17,378	13,766	(D)	(D)	173,055*	188,300*	208,130*	223,169*
Electric, gas, and sanitary services	5,563	6,551	7,736	8,522	7,066	7,048	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	38,410	43,884	42,230	46,936	51,022	44,381	679,589	734,703	714,690	774,821	860,684	907,009
Retail trade	117,370	114,937	118,668	121,581	124,957	132,777	794,185	870,724	959,174	1,041,968	1,110,889	1,197,592
Finance, insurance, and real estate	28,672	29,414	27,240	28,178	30,502	30,518	634,145*	687,911*	796,260*	923,989*	1,069,848*	1,172,629*
Banking and credit agencies	13,230	12,168	13,573	13,968	13,881	13,023	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	15,442	17,246	13,667	14,210	16,621	17,495	(D)	(D)	(D)	(D)	(D)	(D)
Services	426,734	414,192	417,542	444,036	476,084	393,080	1,332,230	1,487,858	1,678,489	1,877,524	2,167,835	2,418,914
Hotels and other lodging places	7,275	(D)	6,425	3,348	3,889	4,441	(D)	(D)	(D)	(D)	(D)	58,681*
Personal services	11,368	11,955	12,878	15,672	17,095	15,620	76,986	85,129	102,766	115,805	124,648	141,438*
Private households	1,582	1,769	1,795	1,806	1,842	1,897	(D)	46,311	46,924	47,280	48,259	49,483
Business services	227,297	229,787	237,566	251,735	270,786	184,344	248,556	289,254	345,483	398,394	480,938	522,976
Auto repair, services, and garages	9,766	11,780	12,805	13,012	13,357	14,602	53,058	60,255	70,664	76,490	87,703	95,189
Miscellaneous repair services	10,471	9,521	9,709	(D)	(D)	(D)	27,585*	31,860*	30,403*	36,022*	43,472*	51,949*
Amusement and recreation services	(D)	(D)	4,315	4,999	5,271	5,508	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,073*	(D)	(D)	(D)	6,596*
Health services	55,384	59,288	63,072	69,248	74,188	76,609	443,039	477,226	526,434	564,501	653,844	724,333*
Legal services	8,370	10,389	11,155	12,390	12,762	13,805	120,581	146,709	164,315	187,698	214,424	245,277
Educational services	2,403	2,152	2,332	2,326	2,719	2,939	(D)	(D)	(D)	(D)	(D)	(D)
Social services	7,431	8,300	8,893	9,079	9,672	10,404	46,259*	52,566*	57,702*	65,011*	75,333*	84,671*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,907	10,734	10,545	11,242	11,804	17,280	64,071	66,135*	69,717*	71,994*	78,238	84,649
Miscellaneous services	70,291	46,821	35,547	37,332	41,923	39,461	90,580	103,349	118,506	149,585	176,136	211,275
Government and government enterprises	217,711	215,812	234,912	246,297	259,774	275,503	1,674,355	1,764,874	1,860,386	1,988,459	2,159,217	2,319,836
Federal, civilian	31,986	32,508	34,296	35,054	36,806	37,611	386,006	419,059	384,392	391,997	423,281	452,024
Military	4,785	5,036	5,412	5,700	5,346	5,355	138,314	143,629	155,679	155,847	171,975	167,840
State and local	180,940	178,268	195,204	205,543	217,622	232,537	1,150,035	1,202,186	1,320,315	1,440,615	1,563,961	1,699,972

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Riverside—San Bernardino, CA (PMSA)						Roanoke, VA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**20,763,310**	**23,025,188**	**25,661,468**	**28,723,797**	**32,240,126**	**35,655,332**	**2,616,758**	**2,884,050**	**3,083,942**	**3,261,142**	**3,487,008**	**3,692,618**
Nonfarm personal income	20,382,297	22,592,973	25,193,168	28,210,794	31,733,013	35,186,404	2,615,453	2,880,282	3,081,464	3,256,274	3,481,015	3,687,470
Farm income[1]	381,013	432,215	468,300	513,003	507,113	468,928	1,305	3,768	2,478	4,868	5,993	5,148
Population (thousands)[2]	1,747.7	1,815.6	1,900.9	2,002.5	2,131.5	2,277.6	221.6	221.9	222.9	220.9	221.4	221.6
Per capita personal income (dollars)	**11,880**	**12,682**	**13,500**	**14,344**	**15,125**	**15,655**	**11,809**	**12,994**	**13,838**	**14,760**	**15,750**	**16,667**
Derivation of total personal income:												
Total earnings by place of work	10,581,326	11,890,355	13,372,504	14,922,958	16,747,383	18,317,588	2,025,432	2,256,475	2,437,878	2,574,699	2,772,957	2,924,394
Less: Personal contributions for social insurance[3]	615,433	695,455	817,018	922,312	1,041,680	1,201,537	115,125	128,219	145,233	157,015	167,739	185,131
Plus: Adjustment for residence	3,845,268	4,362,394	4,847,935	5,786,206	6,894,001	7,994,910	−169,811	−207,676	−229,769	−237,964	−264,323	−264,062
Equals: Net earnings by place of residence	13,811,161	15,557,294	17,403,421	19,786,852	22,599,704	25,110,961	1,740,496	1,920,580	2,062,876	2,179,720	2,340,895	2,475,201
Plus: Dividends, interest, and rent[5]	3,149,630	3,480,718	3,776,636	4,072,671	4,414,603	4,866,779	466,082	541,927	574,340	601,085	641,810	708,657
Plus: Transfer payments	3,802,519	3,987,176	4,481,411	4,864,274	5,225,819	5,677,592	410,180	421,543	446,726	480,337	504,303	508,760
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,236,883	9,214,194	10,438,394	11,588,315	13,046,463	14,367,607	1,704,366	1,902,207	2,057,482	2,161,317	2,318,228	2,439,574
Other labor income	803,051	876,019	950,818	1,073,442	1,233,310	1,372,551	172,870	182,189	187,777	198,527	210,219	220,569
Proprietors' income[6]	1,541,392	1,800,142	1,983,292	2,261,201	2,467,610	2,577,430	148,196	172,079	192,619	214,855	244,510	264,251
Farm	262,107	314,234	342,515	377,946	369,083	337,099	−410	2,077	833	3,275	4,351	3,530
Nonfarm	1,279,285	1,485,908	1,640,777	1,883,255	2,098,527	2,240,331	148,606	170,002	191,786	211,580	240,159	260,721
Earnings by industry:												
Farm	381,013	432,215	468,300	513,003	507,113	468,928	1,305	3,768	2,478	4,868	5,993	5,148
Nonfarm	10,200,313	11,458,140	12,904,204	14,409,955	16,240,270	17,848,660	2,024,127	2,252,707	2,435,400	2,569,831	2,766,964	2,919,246
Private	7,737,270	8,784,106	9,926,623	11,157,632	12,677,129	13,992,104	1,766,374	1,979,012	2,134,288	2,254,184	2,429,661	2,557,644
Agricultural services, forestry, fisheries, and other[7]	152,007	160,631	187,173	186,948	236,469	254,573	5,011	5,714	7,083	7,719	9,032	11,306
Agricultural services	150,130	158,826	184,050	183,237	232,474	248,489	4,887	5,655	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	1,877	1,805	3,123	3,711	3,995	6,084	124	59	(D)	(D)	(D)	(D)
Mining	59,387	64,558	76,294	59,397	56,274	63,564	6,237	7,101	9,129	5,208	7,092	7,421
Coal mining	226	(D)	(D)	328	(D)	151	(D)	(L)	(L)	(L)	(D)	(D)
Oil and gas extraction	24,659	29,453	39,932	20,339	21,248	21,628	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	836	(D)	1,959	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	31,654	34,733	37,894	33,565	39,826	(D)	(D)	(D)	(D)	(D)	(D)
Construction	823,015	1,086,056	1,277,403	1,508,342	1,768,643	1,999,321	122,646	139,739	169,443	191,012	220,484	227,847
Manufacturing	1,455,433	1,561,416	1,747,356	1,945,491	2,249,044	2,394,501	427,107	494,623	520,683	508,680	501,019	532,191
Nondurable goods	349,112	380,534	430,105	476,535	550,475	594,287	166,446	178,218	181,279	184,386	180,920	184,256
Food and kindred products	88,324	90,498	95,376	105,374	116,337	124,887	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	1,291	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	19,163	18,618	(D)	21,692	24,117	23,818	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	38,674	44,242	46,557	(D)	(D)	60,259	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	86,374	99,159	116,612	134,703	142,061	148,931	16,893*	19,262*	19,913*	20,395*	20,730*	22,710*
Chemicals and allied products	60,950	60,689	66,198	69,809	76,655	87,886	24,728*	(D)	(D)	28,167*	27,536*	27,608*
Petroleum and coal products	2,245*	2,387	3,601	3,774	4,087	4,597	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	44,443	55,630	74,181	79,543	119,679	137,392	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	5,081*	0	0	0	0	0	0
Durable goods	1,106,321	1,180,882	1,317,251	1,468,956	1,698,569	1,800,214	260,661	316,405	339,404	324,294	320,099	347,935
Lumber and wood products	116,499	133,438	143,266	174,903	188,877	185,550	8,165	9,459*	11,778	13,690	14,986	15,286
Furniture and fixtures	20,338	33,569	44,057	48,620	54,441	57,053	(D)	(D)	(D)	(D)	31,924	(D)
Primary metal industries	222,492	145,529	139,337	138,600	148,877	163,785	19,631*	25,635*	(D)	(D)	(D)	29,933*
Fabricated metal products	129,060	140,145	160,697	172,370	175,489	193,006	(D)	(D)	(D)	(D)	34,547*	38,643*
Machinery, except electrical	65,976	96,802	112,549	118,211	119,065	136,157	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	44,552	51,175	65,794	78,038	105,743	121,004	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	521,323	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	79,851	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	143,082	170,081	182,624	208,156	221,958	234,680	(D)	(D)	(D)	(D)	(D)	27,988
Instruments and related products	69,828	73,363	74,644	73,889	84,220	90,809	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	11,229	14,530	14,754	13,611	14,412	16,996	(D)	3,456*	4,076*	4,351*	4,658*	4,447*
Transportation and public utilities	845,164	967,972	1,027,984	1,108,556	1,165,361	1,242,667	(D)	(D)	308,839	315,057	328,401	314,299
Railroad transportation	164,178*	178,746*	173,372*	152,608*	136,275*	137,888	134,110	152,032	147,599	147,427	(D)	137,283
Trucking and warehousing	201,186	271,486	298,300	355,903	377,940	409,960	41,735*	48,560	50,199	50,672	55,244	58,808
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	263,678	271,235	282,630	293,627	305,147	323,881	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	147,150	167,866	185,808	200,895	221,840	232,516	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	356,322	413,207	478,881	517,882	572,567	655,355	158,717	190,682	196,949	221,434	240,610	254,001
Retail trade	1,349,190	1,479,269	1,622,590	1,801,503	2,004,304	2,238,444	240,555	249,901	272,084	296,780	320,304	336,989
Finance, insurance, and real estate	392,979	440,798	489,146	585,785	707,621	781,533	(D)	(D)	154,153	165,373	183,021	193,579
Banking and credit agencies	196,330	216,388	227,549	266,638	298,741	319,644	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	196,649	224,410	261,597	319,147	408,880	461,889	88,754	99,325	(D)	(D)	(D)	(D)
Services	2,303,773	2,610,199	3,019,796	3,443,728	3,916,846	4,362,146	404,117	449,282	495,925	542,921	619,698	680,011
Hotels and other lodging places	85,479	100,584	129,759	146,299	177,803	229,966	21,135	(D)	(D)	(D)	21,483*	(D)
Personal services	110,852	118,022	142,772	154,015	168,056	181,410	22,792	24,981	26,999*	27,369*	31,034*	35,581
Private households	(D)	(D)	54,584	55,539	56,948	58,669	6,778	7,602	7,686	7,748	7,909	8,110
Business services	393,639	460,457	568,680	670,541	723,485	810,979	39,895	49,588	56,956	66,800	80,210	92,871
Auto repair, services, and garages	131,300	160,193	189,894	211,410	237,578	260,555	18,694	20,958	22,397	25,435	29,224	32,244
Miscellaneous repair services	58,236	74,419	79,477	92,125	93,086	109,135	6,095	7,113	6,748	7,564	8,795	10,239
Amusement and recreation services	78,309	81,642	97,014	113,752	124,104	142,882	5,742*	7,645	8,090	8,884	8,953	9,664
Motion pictures	6,222	7,987	8,638	7,517	6,993	(D)	(D)	681	736	(D)	(D)	1,155
Health services	871,174	971,284	1,101,787	1,229,634	1,447,388	1,580,956	186,034	200,996	221,098	235,763	274,017	296,337
Legal services	76,842	92,607	106,118	120,463	140,887	156,288	23,678	28,264	30,145	35,758	38,892	42,838
Educational services	73,554	78,526	87,283	96,743	105,663	111,158	(D)	(D)	(D)	(D)	(D)	(D)
Social services	48,648	54,810	64,645	77,464	94,986	103,978	10,669*	12,083	12,851	14,192	15,417	17,281
Museums, botanical, zoological gardens	(D)	(D)	1,320	1,509	1,599	1,544*	(D)	624	586	(D)	(D)	907
Membership organizations	120,965	128,673	140,420	155,033	174,381	189,772	15,446	15,750	15,460	15,474	15,994	16,996
Miscellaneous services	200,121	226,390	247,405	311,684	363,889	416,690	27,435	32,130	38,351	49,367	56,878	65,395
Government and government enterprises	2,463,043	2,674,034	2,977,581	3,252,323	3,563,141	3,856,556	257,753	273,695	301,112	315,647	337,303	361,602
Federal, civilian	411,982	431,701	465,540	479,176	499,929	536,617	84,433	89,099	94,241	92,961	99,616	107,463
Military	490,395	524,823	571,721	585,153	612,543	626,201	8,809	9,914	11,032	12,052	9,348	9,657
State and local	1,560,666	1,717,510	1,940,320	2,187,994	2,450,669	2,693,738	164,511	174,682	195,839	210,634	228,339	244,482

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Rochester, MN (MSA)						Rochester, NY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,294,390**	**1,455,847**	**1,544,886**	**1,630,829**	**1,730,993**	**1,847,506**	**12,915,330**	**13,965,298**	**14,942,824**	**15,753,391**	**16,477,309**	**17,910,056**
Nonfarm personal income	1,289,865	1,433,806	1,527,637	1,598,760	1,695,084	1,826,948	12,868,986	13,899,779	14,872,928	15,674,416	16,383,926	17,820,434
Farm income[1]	4,525	22,041	17,249	32,069	35,909	20,558	46,344	65,519	69,896	78,975	93,383	89,622
Population (thousands)[2]	94.9	96.1	97.4	97.7	98.7	101.0	982.4	976.7	975.5	976.0	974.1	980.1
Per capita personal income (dollars)	**13,639**	**15,150**	**15,858**	**16,694**	**17,537**	**18,299**	**13,146**	**14,298**	**15,318**	**16,141**	**16,915**	**18,273**
Derivation of total personal income:												
Total earnings by place of work	1,154,227	1,312,717	1,390,672	1,470,252	1,558,000	1,670,275	9,714,813	10,450,854	11,370,972	12,011,067	12,508,692	13,668,816
Less: Personal contributions for social insurance[3]	79,211	88,726	99,025	103,374	108,498	122,539	636,819	689,110	790,667	869,809	896,101	1,023,659
Plus: Adjustment for residence	−111,850	−124,906	−132,634	−137,999	−144,428	−157,027	−162,124	−186,820	−209,826	−230,566	−242,212	−274,230
Equals: Net earnings by place of residence	963,166	1,099,085	1,159,013	1,228,879	1,305,074	1,390,709	8,915,870	9,574,924	10,370,479	10,910,692	11,370,379	12,370,927
Plus: Dividends, interest, and rent[5]	200,493	217,870	230,924	238,918	251,765	277,736	2,163,708	2,430,601	2,516,311	2,633,140	2,781,704	3,048,793
Plus: Transfer payments	130,731	138,892	154,949	163,032	174,154	179,061	1,835,752	1,959,773	2,056,034	2,209,559	2,325,226	2,490,336
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	981,771	1,103,875	1,172,877	1,228,138	1,305,709	1,416,392	8,161,552	8,768,617	9,552,983	10,079,963	10,484,007	11,485,810
Other labor income	109,051	115,891	119,551	125,712	127,716	137,037	867,395	886,917	914,715	951,786	965,623	1,042,626
Proprietors' income[6]	63,405	92,951	98,244	116,402	124,575	116,846	685,866	795,320	903,274	979,318	1,059,062	1,140,380
Farm	(L)	17,672	12,845	27,682	31,320	15,939	8,442	28,498	32,753	41,991	54,391	50,335
Nonfarm	63,370	75,279	85,399	88,720	93,255	100,907	677,424	766,822	870,521	937,327	1,004,671	1,090,045
Earnings by industry:												
Farm	4,525	22,041	17,249	32,069	35,909	20,558	46,344	65,519	69,896	78,975	93,383	89,622
Nonfarm	1,149,702	1,290,676	1,373,423	1,438,183	1,522,091	1,649,717	9,668,469	10,385,335	11,301,076	11,932,092	12,415,309	13,579,194
Private	1,051,440	1,183,331	1,252,495	1,305,695	1,380,694	1,497,578	8,593,817	9,223,019	10,051,293	10,590,571	10,961,514	11,987,891
Agricultural services, forestry, fisheries, and other[7]	5,282	5,368	7,445	7,718	8,837	9,310	22,365*	24,699*	34,658	38,439	46,958	49,970
Agricultural services	5,178	5,289	7,381	7,683	8,803	9,274	21,635*	24,236*	33,828	37,563	46,244	49,149
Forestry, fisheries, and other[7]	104	79	64	(L)	(L)	(L)	776	496	830	876	714	821
Mining	4,865	4,911	5,634	4,274	4,600	2,757	(D)	(D)	(D)	(D)	(D)	(D)
Coal mining	0	0	0	0	0	0	117	204	150	159	78	79
Oil and gas extraction	1,418	1,554	2,209	(D)	769	(D)	21,260*	23,275*	32,367*	8,992*	7,861*	7,765
Metal mining	(L)	(L)	(L)	(L)	84	66	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	3,452	3,378	3,436	(D)	3,747	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	58,459	65,110	70,684	68,675	75,037	88,829	393,128	469,157	517,580*	581,021*	649,375*	715,660*
Manufacturing	336,215	383,997	399,251	412,949	417,989	443,342	4,504,869	4,658,954	4,998,625	5,054,412	4,925,403	5,336,907
Nondurable goods	38,428	39,748	41,501	43,063	43,580	45,861	645,550	691,927	720,626	760,905	805,855	836,614
Food and kindred products	28,780	29,046	30,095	30,120	29,648	30,624	159,587	(D)	(D)	(D)	(D)	168,618*
Textile mill products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	0	0	0	0	(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	9,325	10,389	11,151	12,683	13,681	14,890	199,917	211,005	218,719	227,395	224,003	235,137
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	7,906	8,358	8,090	9,675*	9,039*	8,673*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	297,787	344,249	357,750	369,886	374,409	397,481	3,859,319	3,967,027	4,277,999	4,293,507	4,119,548	4,500,293
Lumber and wood products	380	445	423	390	451	446	13,182*	13,945*	(D)	(D)	13,010	(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	1,130	1,769	1,946	1,795	1,765	1,877	(D)	(D)	(D)	154,208*	145,915*	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	493,731	572,520	594,580	581,835	541,107	593,518
Electric and electronic equipment	7,422	4,913	4,509	4,630	5,171	5,983	287,765*	321,149*	335,013*	325,865*	305,389*	320,975*
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	351*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,680	3,118	3,066	3,263	3,684	3,499	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	5,369	6,422	2,754,406*	2,706,766*	2,996,093*	3,045,076*	2,944,810*	3,217,801*
Miscellaneous manufacturing industries	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	44,865	50,127	48,894	45,060	43,292	47,549	378,129	408,615	431,788	450,756	470,957	509,339
Railroad transportation	604	603	568	483	404	412	9,896	10,560	10,416	8,374	6,493	6,242
Trucking and warehousing	16,905	20,783	19,072	18,871	19,587	20,625	81,135	93,788	93,979	98,914	113,800	125,830
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	718*	1,015*	1,309*	1,519*	(D)
Other transportation[8]	8,141	8,831	9,367	8,991	10,133	10,841	(D)	(D)	(D)	(D)	(D)	(D)
Communication	16,897	14,583	13,273	12,528	12,699	14,703	105,657*	111,521*	126,095*	141,343*	142,015*	151,326*
Electric, gas, and sanitary services	2,321	5,330	6,616	4,190	471	967	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	27,284	30,403	30,544	30,632	32,422	34,904	386,891	430,185	471,797	506,627	559,212	624,891
Retail trade	97,548	104,421	108,149	110,978	118,015	129,445	755,539	812,189	879,975	954,274	1,015,054	1,085,217
Finance, insurance, and real estate	28,607	29,451	31,067	34,405	35,790	37,333	351,175	405,380	424,681	480,529	545,289	619,320
Banking and credit agencies	15,123	15,625	15,916	16,285	14,863	15,301	153,502*	199,761*	203,823	216,705	236,797	249,572*
Other finance, insurance, and real estate[9]	13,484	13,826	15,151	18,120	20,927	22,032	186,961*	200,920*	220,858	263,824	308,492	325,708*
Services	448,315	509,543	550,827	591,004	644,712	704,109	1,764,696	1,971,500	2,220,912	2,472,221	2,694,742	2,989,603
Hotels and other lodging places	18,634	19,118	20,479	19,663	19,429	(D)	23,016*	23,770*	26,387*	28,323*	31,619	40,975
Personal services	11,298	11,966	17,013	19,493	20,832	22,169	75,257	78,072	95,775	102,594	104,499	113,498
Private households	3,822	4,246	4,280	4,271	4,312	4,405	18,533	20,556	20,596	20,505	20,581	20,789
Business services	11,912	14,235	14,045	15,614	19,305	22,902	291,114	349,988	426,706	476,740	523,511	596,679
Auto repair, services, and garages	7,292	8,501	7,312	8,831	9,326	10,504	52,157	62,402	68,577	76,971	81,125	88,974
Miscellaneous repair services	2,192	2,652	2,155	2,419	2,681	3,160	21,944	25,611	24,749	26,247	27,307	32,601
Amusement and recreation services	2,429	2,612	2,944	3,308	3,879	4,415	34,538	38,317	43,561	48,751	51,415	56,582
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,254*	3,631	4,379*	(D)	(D)	(D)
Health services	358,034	407,738	439,460	470,991	514,439	560,001	587,032	623,883	699,524	772,809	860,653	934,962
Legal services	6,218	7,738	8,274	9,433	9,825	10,978	136,883	165,799	181,971	203,576	213,381	239,754
Educational services	3,108	3,386	3,315	3,271	3,819	4,415	242,166*	264,738*	283,261*	315,520*	355,563*	385,354*
Social services	7,813	9,860	12,903	13,682	15,844	17,754	85,824	92,463	98,799	100,894	114,435	129,577
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	5,356*	5,741*	6,064*	6,506*	6,751*	7,320*
Membership organizations	7,573	8,452	8,852	8,817	9,046	9,704	71,130	75,490	78,475	81,376	87,584	97,205
Miscellaneous services	7,477	8,496	9,152	10,630	11,438	12,700	105,154	126,599	146,896	187,985	205,858	230,813
Government and government enterprises	98,262	107,345	120,928	132,488	141,397	152,139	1,074,652	1,162,316	1,249,783	1,341,521	1,453,795	1,591,303
Federal, civilian	11,496	12,892	18,904	20,217	22,512	26,263	120,798	133,018	141,083	141,289	151,041	160,547
Military	1,871	2,017	2,120	2,483	2,901	2,943	12,577	13,462	15,162	15,803	16,830	17,729
State and local	84,895	92,436	99,904	109,788	115,984	122,933	941,277	1,015,836	1,093,538	1,184,429	1,285,924	1,413,027

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Rockford, IL (MSA)						Sacramento, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,284,810**	**3,634,835**	**3,842,186**	**4,072,407**	**4,314,689**	**4,671,206**	**14,871,668**	**16,469,480**	**18,253,258**	**19,883,763**	**21,774,418**	**23,617,248**
Nonfarm personal income	3,294,163	3,611,199	3,818,068	4,047,951	4,293,857	4,653,979	14,764,334	16,310,863	18,102,252	19,716,927	21,593,254	23,460,155
Farm income[1]	−9,353	23,636	24,118	24,456	20,832	17,227	107,334	158,617	151,006	166,836	181,164	157,093
Population (thousands)[2]	278.3	277.9	280.0	280.4	281.0	282.2	1,196.9	1,222.2	1,256.2	1,289.9	1,337.5	1,385.2
Per capita personal income (dollars)	**11,803**	**13,081**	**13,724**	**14,526**	**15,352**	**16,554**	**12,425**	**13,475**	**14,531**	**15,415**	**16,280**	**17,050**
Derivation of total personal income:												
Total earnings by place of work	2,504,852	2,870,866	3,059,046	3,270,909	3,466,189	3,788,306	10,112,868	11,391,738	12,734,779	14,058,177	15,609,835	16,941,553
Less: Personal contributions for social insurance[3]	151,228	172,190	194,111	213,082	223,809	255,877	585,349	657,877	767,796	854,701	949,229	1,069,508
Plus: Adjustment for residence	−109,237	−146,835	−162,409	−173,735	−172,729	−190,818	119,417	116,272	111,165	110,314	72,498	79,291
Equals: Net earnings by place of residence	2,244,387	2,551,841	2,702,526	2,884,092	3,069,651	3,341,611	9,646,936	10,850,133	12,078,148	13,313,790	14,733,104	15,951,336
Plus: Dividends, interest, and rent[5]	562,771	624,265	646,651	670,182	698,832	763,404	2,312,545	2,566,202	2,779,589	2,913,928	3,130,826	3,444,436
Plus: Transfer payments	477,652	458,729	493,009	518,133	546,206	566,191	2,912,187	3,053,145	3,395,521	3,656,045	3,910,488	4,221,476
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,044,932	2,327,550	2,487,419	2,652,884	2,806,960	3,077,593	8,252,396	9,238,597	10,410,906	11,453,167	12,658,867	13,775,723
Other labor income	252,399	278,580	284,916	309,752	330,757	364,597	723,574	793,409	851,712	944,037	1,062,199	1,175,492
Proprietors' income[6]	207,521	264,736	286,711	308,273	328,472	346,116	1,136,898	1,359,732	1,472,161	1,660,973	1,888,769	1,990,338
Farm	−13,585	19,478	19,998	20,383	16,540	12,946	56,062	108,083	99,982	118,226	125,086	102,017
Nonfarm	221,106	245,258	266,713	287,890	311,932	333,170	1,080,836	1,251,649	1,372,179	1,542,747	1,763,683	1,888,321
Earnings by industry:												
Farm	−9,353	23,636	24,118	24,456	20,832	17,227	107,334	158,617	151,006	166,836	181,164	157,093
Nonfarm	2,514,205	2,847,230	3,034,928	3,246,453	3,445,357	3,771,079	10,005,534	11,233,121	12,583,773	13,891,341	15,428,671	16,784,460
Private	2,295,155	2,620,770	2,795,961	2,993,088	3,169,804	3,481,272	6,582,973	7,494,721	8,383,407	9,296,015	10,436,600	11,392,840
Agricultural services, forestry, fisheries, and other[7]	7,638	7,127	7,343	7,074	10,624	11,079	61,085	66,636	68,429	73,604	102,723	113,768
Agricultural services	7,227	6,732	7,140	7,014	10,539	10,997	57,912	64,485	65,753	70,845	100,327	111,226
Forestry, fisheries, and other[7]	411	395	203	60	85	82	3,173	2,151	2,676	2,759	2,396	2,542
Mining	(D)	7,141	9,513	5,099	5,051	5,344	36,828	41,342	51,276	33,362	37,294	35,210
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	144	194	226	(D)	59	(D)
Oil and gas extraction	4,373*	4,760*	6,944*	2,271*	2,157*	2,091*	33,695	36,823*	47,220	27,547	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	461*	702	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,128	(D)	(D)	7,289
Construction	119,602	130,863*	134,102*	147,635*	(D)	(D)	735,749	919,421	1,038,423	1,241,078	1,355,862	1,511,786
Manufacturing	1,112,793	1,322,066	1,392,486	1,498,202	1,521,851	1,684,217	731,101	859,785	963,466	1,079,074	1,212,759	1,320,093
Nondurable goods	134,459	142,918	157,538	180,493	171,079	161,393	313,822	353,795	380,649	394,879	435,771	470,531
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	158,606*	176,772*	178,871	183,812	195,757	207,731
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	361	438	477	498	605	662	4,454*	5,501*	6,405*	8,027*	9,360*	9,162*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	21,251*
Printing and publishing	20,444	22,400	25,073	27,710	22,649	24,869	76,365	87,155	110,132	121,703	134,904	149,187
Chemicals and allied products	16,774*	17,644*	18,691*	18,136*	19,203*	18,836	23,151*	25,782*	25,205*	25,711*	39,658*	55,106*
Petroleum and coal products	712	0	0	(D)	0	932	1,238*	1,149*	1,873*	1,937*	1,534*	3,077*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	13,484*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	0	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	978,334	1,179,148	1,234,948	1,317,709	1,350,772	1,522,824	417,279	505,990	582,817	684,195	776,988	849,562
Lumber and wood products	2,523*	2,847	3,443	3,990*	4,906*	5,083*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	4,079	4,536	4,517	6,080	7,638	8,549	14,057	16,388*	16,995	18,158	21,730	23,799
Primary metal industries	(D)	(D)	(D)	(D)	(D)	27,052*	5,338*	6,235*	(D)	(D)	(D)	(D)
Fabricated metal products	216,673	278,876	277,457	289,902	312,978	337,122	47,712*	57,789*	60,666	57,666	66,872*	62,196
Machinery, except electrical	261,420*	311,475*	(D)	(D)	(D)	(D)	(D)	89,584	99,525	111,057	122,658	146,231
Electric and electronic equipment	39,757	47,061	51,042	62,000	40,274*	47,700*	(D)	(D)	48,974*	86,585*	(D)	161,768*
Transportation equip. excl. motor vehicles	172,825	192,278	222,694	241,204	258,723	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	10,594*	8,270*	7,411*	9,130*	11,266*	15,320
Stone, clay, and glass products	6,801*	7,345*	6,809*	12,763	11,855*	14,229*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11,610*	14,195*	(D)	(D)	17,697*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	4,461*	6,334	6,888	7,259*	9,876	11,820*
Transportation and public utilities	135,213	144,231	148,956	150,725	155,602	180,560	742,625	810,221	849,459	875,414	963,706	1,023,919
Railroad transportation	2,270	2,815	3,031	(D)	(D)	2,784	110,059	122,728	119,974	109,944	102,330	104,985
Trucking and warehousing	46,024	54,886	57,128	57,228	61,576	67,626	172,974	205,775	208,588	240,962	277,712	305,751
Water transportation	(D)	(D)	134	(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	30,893*	(D)	26,930*	26,901*	25,529*	29,375	(D)	307,182*	334,848	322,491	383,227	396,596
Electric, gas, and sanitary services	(D)	(D)	43,263*	43,515*	46,507*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	143,749*	154,219*	175,246*	171,428*	179,384*	210,716*	467,456	543,032	607,562	672,669	732,212	798,751
Retail trade	223,441	237,522	250,501	258,435	279,715	303,449	1,223,276	1,318,576	1,445,569	1,505,682	1,630,199	1,729,101
Finance, insurance, and real estate	80,818	87,187	89,289	99,508	114,062	126,888	529,425	584,716	680,016	790,292	947,463	1,034,021
Banking and credit agencies	35,991*	38,868*	41,755*	48,323*	49,431*	55,221	203,935	221,074	240,112	275,831	300,081	325,168
Other finance, insurance, and real estate[9]	39,763*	42,699*	41,566*	45,435*	58,457*	71,667	325,490	363,642	439,904	514,461	647,382	708,853
Services	458,739	509,793	567,939	632,998	696,365	758,951	2,055,428	2,350,992	2,679,207	3,024,840	3,454,382	3,826,191
Hotels and other lodging places	9,538	10,993	10,798*	12,671*	12,876*	13,611*	61,473	62,261	64,168	65,941	73,991	91,269
Personal services	33,479	36,707	41,972	45,717	41,848	44,860	105,044	111,996	138,778	155,253	168,808	189,201
Private households	3,655	4,052	4,055	4,033	3,919*	3,956*	(D)	(D)	(D)	(D)	(D)	(D)
Business services	85,564	101,930	122,847	141,110	163,267	182,735	358,114	433,226	516,309	601,875	705,454	791,067
Auto repair, services, and garages	21,975	26,207	31,277	34,424	35,883	36,791	112,720	140,958	160,625	175,899	186,241	201,846
Miscellaneous repair services	8,569	10,860	11,598	13,031	12,952	14,959	61,674	79,762	73,627	77,850	72,973	82,068
Amusement and recreation services	6,886	7,137	8,092	9,408	9,571	9,147	55,548	63,849	76,371	82,685	87,264	93,158
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,884*
Health services	186,202	198,549	214,392	232,977	266,648	304,238	736,412	803,628	908,674	1,018,264	1,199,265	1,275,185
Legal services	23,002	26,145	27,791	31,691	34,157	36,554	141,108	169,674	194,396	221,716	256,475	294,184
Educational services	10,423	12,655	14,109	15,045	15,645	15,891	30,216	34,737	39,079	46,192	55,629	63,954
Social services	13,668	13,344	13,864	17,016	17,493	19,665	49,617	57,596	67,358	79,106	88,377	110,509
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	22,509	24,350	22,911	25,434	26,944	27,830	120,485	131,045	146,079	157,858	174,521	192,751
Miscellaneous services	31,184	35,058	42,454	48,632	53,994	47,412	183,497	217,434	246,957	294,514	336,268	387,922
Government and government enterprises	219,050	226,460	238,967	253,365	275,553	289,807	3,422,561	3,738,400	4,200,366	4,595,326	4,992,071	5,391,620
Federal, civilian	27,248	28,911	30,732	31,186	33,656	36,780	709,702	761,015	838,316	847,863	874,455	907,058
Military	3,477	3,457	3,882	4,241	4,536	4,756	219,241	233,722	254,853	266,532	267,717	257,738
State and local	188,325	194,092	204,353	217,938	237,361	248,271	2,493,618	2,743,663	3,107,197	3,480,931	3,849,899	4,226,824

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Saginaw—Bay City—Midland, MI (MSA)						St. Cloud, MN (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,718,864**	**5,029,532**	**5,334,347**	**5,566,143**	**5,836,974**	**6,243,056**	**1,586,673**	**1,794,142**	**1,916,950**	**2,058,228**	**2,208,990**	**2,380,145**
Nonfarm personal income	4,674,628	4,995,001	5,298,221	5,545,489	5,798,993	6,204,909	1,582,506	1,749,610	1,859,610	1,975,686	2,138,526	2,317,909
Farm income[1]	44,236	34,531	36,126	20,654	37,981	38,147	4,167	44,532	57,340	82,542	70,464	62,236
Population (thousands)[2]	411.6	411.1	404.8	406.0	406.1	406.2	168.8	170.8	172.6	175.0	177.7	181.2
Per capita personal income (dollars)	**11,463**	**12,233**	**13,178**	**13,708**	**14,374**	**15,371**	**9,398**	**10,507**	**11,107**	**11,759**	**12,431**	**13,135**
Derivation of total personal income:												
Total earnings by place of work	3,472,699	3,699,576	3,945,599	4,105,283	4,309,400	4,614,644	1,046,193	1,200,148	1,284,483	1,428,833	1,535,554	1,676,085
Less: Personal contributions for social insurance[3]	214,058	230,660	261,520	265,032	277,578	312,833	70,955	77,866	86,891	95,085	102,720	118,123
Plus: Adjustment for residence	−52,044	−60,978	−45,343	−66,463	−94,872	−113,516	100,243	124,600	134,979	120,645	135,954	122,553
Equals: Net earnings by place of residence	3,206,597	3,407,938	3,638,736	3,773,788	3,936,950	4,188,295	1,075,481	1,246,882	1,332,571	1,454,393	1,568,788	1,680,515
Plus: Dividends, interest, and rent[5]	743,776	825,776	874,370	904,880	965,583	1,057,441	259,159	281,326	298,443	314,309	332,215	365,458
Plus: Transfer payments	768,491	795,818	821,241	887,475	934,441	997,320	252,033	265,934	285,936	289,526	307,987	334,172
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,849,268	3,048,291	3,273,734	3,407,258	3,561,187	3,830,239	852,643	940,815	998,563	1,093,008	1,193,393	1,318,285
Other labor income	403,816	419,889	427,528	443,755	457,999	478,070	86,208	91,028	95,015	107,018	113,603	126,343
Proprietors' income[6]	219,615	231,396	244,337	254,270	290,214	306,335	107,342	168,305	190,905	228,807	228,558	231,457
Farm	37,753	28,163	29,800	14,422	31,433	31,572	−7,835	32,798	45,696	71,044	58,480	50,245
Nonfarm	181,862	203,233	214,537	239,848	258,781	274,763	115,177	135,507	145,209	157,763	170,078	181,212
Earnings by industry:												
Farm	44,236	34,531	36,126	20,654	37,981	38,147	4,167	44,532	57,340	82,542	70,464	62,236
Nonfarm	3,428,463	3,665,045	3,909,473	4,084,629	4,271,419	4,576,497	1,042,026	1,155,616	1,227,143	1,346,291	1,465,090	1,613,849
Private	3,064,387	3,283,170	3,511,264	3,647,077	3,806,794	4,081,305	850,406	944,710	1,006,199	1,109,824	1,207,296	1,335,247
Agricultural services, forestry, fisheries, and other[7]	6,532	7,008	7,451	7,012	9,738	11,584	6,624	7,695	5,090	5,274	7,862	8,756
Agricultural services	6,251	6,716	7,284	6,993	9,683	11,536	6,438	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	281	292	167	(L)	55	(L)	186	(D)	(D)	(D)	(D)	(D)
Mining	10,132	11,955	16,088	8,198	7,539	6,651	(D)	(D)	(D)	(D)	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	7,528	8,660	11,870	4,633	4,100	3,972	1,174	1,174	1,717	721	709	691
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,592	3,274	4,202	3,547	3,430	2,670	(D)	(D)	(D)	(D)	(D)	(D)
Construction	214,683	180,280	174,959	204,204	222,837	277,217	77,941	92,507	102,651	117,719	129,732	130,467
Manufacturing	1,573,975	1,771,176	1,930,825	1,921,130	1,915,449	2,001,855	214,938	234,800	244,407	266,862	281,505	320,923
Nondurable goods	526,311	560,654	615,482	662,267	697,425	770,804	90,231*	97,375*	100,167*	110,846	118,606	129,552
Food and kindred products	41,274*	40,478*	42,652	43,556	44,709	46,604	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	1,341*	1,153*	1,034*	1,234	1,357*	1,727*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	20,176	23,804	27,803	30,204	33,260	35,326	21,440	(D)	27,248*	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	646*	567	(D)	26,816	27,979	28,950	0	0	(D)	(D)	(D)	364
Tobacco manufactures	79	87	(L)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	27,729	29,986	35,647	16,268	17,449	17,838	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,047,664	1,210,522	1,315,343	1,258,863	1,218,024	1,231,051	(D)	(D)	(D)	156,016	162,899	191,371
Lumber and wood products	4,812*	6,662	7,331	7,207	8,190	8,758	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	704	1,227	1,283	1,477*	2,023*	(D)
Primary metal industries	(D)	408,557	348,548*	341,814*	308,384*	294,733*	(D)	1,673	(D)	(D)	(D)	(D)
Fabricated metal products	21,707*	24,707*	27,278*	30,755*	32,902	39,012	33,059	41,235	42,629	44,015	45,453	55,175
Machinery, except electrical	81,976	89,952	95,957	102,065	89,949	96,628	16,916	14,280	15,951	20,474	22,784	27,107
Electric and electronic equipment	(D)	(D)	36,696*	41,314	38,262*	(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	0	(D)	(D)	0	0
Stone, clay, and glass products	8,429	9,703	10,156	11,320	12,630	14,167	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	10,962*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,932*	(D)	(D)	(D)	(D)	(D)	741	1,058	1,431	1,849	(D)	(D)
Transportation and public utilities	(D)	(D)	204,430	214,096	230,057	225,469	98,943*	103,442*	95,120*	110,736*	118,548*	128,568*
Railroad transportation	22,385	(D)	19,874	18,334	17,797	17,133	17,803	11,078	1,981	2,013	1,998	2,651
Trucking and warehousing	41,715	46,952	52,380	57,293	60,264	58,715	34,713	43,109	43,182	49,762	53,994	57,928
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(D)	−36*	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	12,115	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	17,355	18,553	15,162	18,584	17,667	20,252
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35,889	41,828	45,375	(D)
Wholesale trade	100,924*	105,310*	127,213	143,020	155,701	168,565	57,529	65,913	68,724	74,058	84,556	91,427
Retail trade	300,228	317,824	324,332	346,803	370,458	396,110	153,912	170,195	186,484	203,465	220,504	251,245
Finance, insurance, and real estate	96,664	93,059	99,025	107,665	115,904	127,209	33,969	37,219	39,955	45,956	49,398	53,985
Banking and credit agencies	(D)	(D)	50,418	54,820	54,052	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	47,675*	42,848*	48,607	52,845	61,852	(D)	(D)	(D)	(D)	17,874*	19,770*	(D)
Services	538,348	578,697	626,941	694,949	779,111	866,645	194,217	218,719	249,439	271,403	299,861	333,555
Hotels and other lodging places	(D)	13,415	14,588	(D)	(D)	19,858	4,452*	(D)	(D)	(D)	(D)	(D)
Personal services	26,807	26,701	31,004	34,386	35,552	39,004	10,966	11,647	16,834	18,476	19,991	22,455
Private households	8,575	9,487	9,512	9,508	9,595	9,693	2,318	2,571	2,595	2,594	2,620	2,675
Business services	46,552	53,795	64,133	75,176	86,151	96,999	15,070	19,188	24,739	25,969	29,097	32,038
Auto repair, services, and garages	19,322	24,375	26,925	28,914	31,644	33,928	12,090	16,825	19,873	21,053	21,948	24,298
Miscellaneous repair services	7,613	9,098	11,925	11,832*	12,091*	(D)	5,713	6,728	7,009	9,341	10,012	10,831
Amusement and recreation services	10,148	10,509	10,605	11,486	12,494	13,904	3,080	(D)	4,883	5,125	5,246	5,984
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	927	1,030	974	(D)	(D)
Health services	268,547	284,624	291,966	321,064	364,226	412,792	81,008	85,240	93,659	99,947	115,084	125,228
Legal services	30,006	31,320	37,386	39,658	43,070	45,388	9,235	11,657	12,804	14,279	15,332	16,480
Educational services	(D)	(D)	15,691	16,681	18,115	19,255	19,740	(D)	(D)	(D)	(D)	(D)
Social services	15,448	16,973	17,871	19,558	22,132	26,854	(D)	9,739	11,300	12,410	12,946	15,427
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	32,788	(D)	35,229	35,838	37,432	38,492	10,200	(D)	11,407	12,504	13,547	14,926
Miscellaneous services	50,275	50,917	59,626	72,449	85,864	94,674	10,940	13,072	13,976	16,544	17,958	20,331
Government and government enterprises	364,076	381,875	398,209	437,552	464,625	495,192	191,620	210,906	220,944	236,467	257,794	278,602
Federal, civilian	44,068	47,253	51,919	51,818	55,003	60,235	40,964	42,747	43,711	43,578	45,145	49,242
Military	4,968	4,982	5,444	5,795	6,157	6,532	3,426	3,709	3,957	4,425	5,079	5,330
State and local	315,040	329,640	340,846	379,939	403,465	428,425	147,230	164,450	173,276	188,464	207,570	224,030

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	St. Joseph, MO (MSA)						St. Louis, MO—IL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**941,047**	**1,001,622**	**1,054,603**	**1,089,139**	**1,137,527**	**1,202,306**	**31,422,533**	**34,266,350**	**36,565,426**	**38,671,211**	**41,210,076**	**43,921,627**
Nonfarm personal income	938,636	994,288	1,040,593	1,077,850	1,127,126	1,193,867	31,398,965	34,196,037	36,493,876	38,588,684	41,108,726	43,844,046
Farm income[1]	2,411	7,334	14,010	11,289	10,401	8,439	23,568	70,313	71,550	82,527	101,350	77,581
Population (thousands)[2]	86.4	86.1	85.7	86.2	85.9	85.4	2,388.6	2,403.6	2,422.3	2,438.1	2,455.4	2,466.7
Per capita personal income (dollars)	**10,888**	**11,636**	**12,311**	**12,637**	**13,245**	**14,080**	**13,155**	**14,257**	**15,095**	**15,861**	**16,783**	**17,806**
Derivation of total personal income:												
Total earnings by place of work	667,196	717,172	752,974	771,214	812,277	876,241	23,242,033	25,681,785	27,491,773	29,232,553	31,107,617	33,123,859
Less: Personal contributions for social insurance[3]	39,852	43,048	47,091	48,546	50,771	57,857	1,378,692	1,531,820	1,721,206	1,845,450	1,943,165	2,164,102
Plus: Adjustment for residence	−48,046	−53,939	−53,348	−53,415	−58,250	−72,100	−584,766	−693,798	−755,580	−841,726	−847,656	−918,528
Equals: Net earnings by place of residence	579,298	620,185	652,535	669,253	703,256	746,284	21,278,575	23,456,167	25,014,987	26,545,377	28,316,796	30,041,229
Plus: Dividends, interest, and rent[5]	187,113	200,845	207,488	212,514	218,804	236,882	5,737,818	6,287,760	6,669,633	7,006,180	7,531,271	8,205,401
Plus: Transfer payments	174,636	180,592	194,580	207,372	215,467	219,140	4,406,140	4,522,423	4,880,806	5,119,654	5,362,009	5,674,997
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	553,504	590,713	615,558	627,929	660,020	715,093	19,332,150	21,343,292	22,883,592	24,234,513	25,735,725	27,415,799
Other labor income	57,007	58,753	59,380	61,042	65,320	71,470	2,105,888	2,255,605	2,320,804	2,497,409	2,648,864	2,811,753
Proprietors' income[6]	56,685	67,706	78,036	82,243	86,937	89,678	1,803,995	2,082,888	2,287,377	2,500,631	2,723,028	2,896,307
Farm	1,323	6,256	12,985	10,310	9,415	7,489	1,771	48,790	50,719	62,379	80,722	57,472
Nonfarm	55,362	61,450	65,051	71,933	77,522	82,189	1,802,224	2,034,098	2,236,658	2,438,252	2,642,306	2,838,835
Earnings by industry:												
Farm	2,411	7,334	14,010	11,289	10,401	8,439	23,568	70,313	71,550	82,527	101,350	77,581
Nonfarm	664,785	709,838	738,964	759,925	801,876	867,802	23,218,465	25,611,472	27,420,223	29,150,026	31,006,267	33,046,278
Private	577,012	616,677	641,178	654,298	688,782	750,824	20,263,687	22,491,591	24,078,834	25,722,588	27,353,241	29,202,403
Agricultural services, forestry, fisheries, and other[7]	4,240	3,670	4,926	6,346	6,644	7,485	68,395	70,947	70,941	78,583	104,623	116,451
Agricultural services	3,532	3,283	(D)	(D)	4,585	5,177	66,365	68,984	69,186	76,060	103,276	115,010
Forestry, fisheries, and other[7]	708	387	(D)	(D)	2,059	2,308	2,030	1,963	1,755	2,523	1,347	1,441
Mining	1,933	1,342	1,733	667	711	670	180,739	231,688	265,771	198,989	191,792	193,763
Coal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	1,342	1,738	647	629	604	56,365*	59,916*	87,303*	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	74	57	(D)	(D)	(D)	(D)	(D)	574
Nonmetallic minerals, except fuels	(D)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	32,623	42,196	45,614	46,664	49,517	55,106	1,465,520	1,764,500	1,923,899	2,089,233	2,160,572	2,241,072
Manufacturing	187,845	198,050	218,549	215,959	219,242	236,964	6,127,394	6,878,402	7,217,307	7,577,172	7,778,848	8,254,501
Nondurable goods	123,282	123,980	133,807	135,403	133,085	140,466	2,312,520	2,489,325	2,605,698	2,760,446	2,867,171	3,039,372
Food and kindred products	56,890	54,823	56,840	61,012	61,093	68,693	652,708*	694,701*	717,201*	766,139*	807,654*	884,824*
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	7,211*	(D)
Apparel and other textile products	9,980	9,260	10,380	8,957	8,537	7,225	(D)	(D)	98,192*	100,482*	97,414*	96,468*
Paper and allied products	(D)	(D)	31,638	30,735	28,958	28,509	(D)	155,827*	163,146*	153,258*	168,292*	206,809*
Printing and publishing	(D)	(D)	(D)	(D)	6,621	6,919	357,896*	410,125*	423,377*	462,918	473,654	516,272
Chemicals and allied products	16,404	18,293	20,874	19,866	18,291	19,243	704,281*	748,949*	805,144	(D)	836,015	834,509
Petroleum and coal products	163	168	161	169	167	183	115,696	116,075*	137,068	186,337	206,308	218,110
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	0	0	(D)	(D)	(D)	113,632*	117,825*	122,708*	134,890*	134,697*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	64,563	74,070	84,742	80,556	86,157	96,498	3,814,874	4,389,077	4,611,609	4,816,726	4,911,677	5,215,129
Lumber and wood products	2,835	3,457	3,237	3,054	2,451	2,232	27,264*	28,165*	30,286*	36,351*	39,296*	41,550*
Furniture and fixtures	126	162	290	312	(D)	(D)	(D)	(D)	(D)	(D)	(D)	90,936*
Primary metal industries	0	0	0	0	0	0	435,119*	485,675*	492,646*	489,760*	516,839*	558,765*
Fabricated metal products	26,020	29,553	31,992	31,699	37,167	40,189	464,167*	485,650*	484,574*	494,360*	497,665*	533,736*
Machinery, except electrical	7,185	8,452	10,168	10,662	12,648	13,923	445,169*	519,520*	516,690*	531,186*	(D)	(D)
Electric and electronic equipment	(D)	15,610	22,529	(D)	(D)	(D)	364,171*	390,792*	435,750*	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,081,549*	1,141,599*	1,225,889*	1,312,781*	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	422	1,489	939	559	577	(D)	(D)	99,005*	95,870*	100,870*	104,021*	111,266*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	224,198*	257,402*	264,618*	264,778*	271,110*	299,548*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	840	884	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	60,287	65,237	66,022	71,038	84,039	91,744	2,223,949	2,360,725	2,412,690	2,512,240	2,554,505	2,717,489
Railroad transportation	14,609	14,386	12,026	9,906	7,915	7,118	236,966*	(D)	(D)	177,073	185,935	162,545*
Trucking and warehousing	17,677	21,013	24,058	30,147	43,199	48,396	479,988	541,593	518,610	536,702	562,907	591,485
Water transportation	0	0	0	0	0	(D)	83,688*	100,462*	83,236*	69,758*	69,633*	89,637*
Other transportation[8]	2,800	3,115	2,978	2,809	3,088	(D)	450,650*	488,721*	544,692*	(D)	504,861*	605,691*
Communication	10,957	11,734	11,788	12,256	14,109	15,511	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	14,244	14,989	15,172	15,920	15,728	17,229	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	49,048	49,418	45,470	45,664	48,161	52,537	1,702,466	1,886,036	2,033,567	2,044,460	2,311,676	2,512,590
Retail trade	71,327	74,157	76,566	78,141	81,579	84,933	2,204,692	2,375,676	2,557,732	2,751,907	2,897,272	3,049,489
Finance, insurance, and real estate	36,443	42,240	43,139	45,448	41,809	45,659	1,281,753	1,388,180	1,519,595	1,766,649	2,027,561	2,199,278
Banking and credit agencies	14,792	15,778	14,691	12,409	12,379	13,959	437,077*	474,903*	511,431*	584,047*	655,146*	702,444*
Other finance, insurance, and real estate[9]	21,651	26,462	28,448	33,039	29,430	31,700	771,073*	835,917*	913,322*	1,073,661*	1,268,554*	1,389,092*
Services	133,266	140,367	139,159	144,371	157,080	175,726	5,008,779	5,535,437	6,077,332	6,703,355	7,326,392	7,917,770
Hotels and other lodging places	2,475	2,431	2,992	2,900	3,079	3,085	(D)	111,967*	113,547*	123,363*	144,594*	145,388*
Personal services	7,429	7,943	8,623	9,523	9,402	9,930	224,664	240,334	289,876	314,713	334,129	364,060
Private households	1,507	1,677	1,686	1,688	1,705	1,729	(D)	(D)	(D)	68,902	67,158*	70,273
Business services	18,375	20,747	21,755	21,765	22,031	25,145	1,062,155	1,198,732	1,414,442	1,588,972	1,684,800	1,789,870
Auto repair, services, and garages	7,176	8,006	6,756	7,115	7,319	7,946	208,795	246,457	264,928	295,613	311,612	345,984
Miscellaneous repair services	2,047	2,330	1,725	2,068	2,151	2,496	86,759	98,234	90,289	101,695	106,214	125,776
Amusement and recreation services	1,445	1,638	1,741	2,004	2,524	3,645	123,882	134,268	149,960	159,923	174,918	179,594
Motion pictures	247	327	348	370	140	152	26,761*	30,810*	31,066*	32,866*	35,617*	40,846*
Health services	70,930	71,486	69,763	71,351	82,793	92,629	1,754,867	1,857,242	1,993,569	2,130,085	2,400,302	2,586,716
Legal services	4,691	5,823	5,756	5,918	6,370	6,916	319,959	380,764	413,805	471,543	518,485	582,355
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	325,860*	(D)	(D)	(D)	(D)	(D)
Social services	5,025	5,045	5,405	5,905	4,831	5,187	114,698*	129,802*	135,253*	150,825*	169,749*	192,933*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,561	6,706	6,183	6,370	6,723	7,216	201,052	211,042	216,655	231,332	241,843	261,286
Miscellaneous services	4,218	4,971	4,863	5,589	6,379	7,700	374,591	444,760	476,043	562,666	614,764	660,486
Government and government enterprises	87,773	93,161	97,786	105,627	113,094	116,978	2,954,778	3,119,881	3,341,389	3,427,438	3,653,026	3,843,875
Federal, civilian	14,508	14,736	15,516	15,583	19,717	18,285	932,401	974,944	1,035,443	1,006,898	1,065,738	1,130,730
Military	2,897	3,123	3,414	3,840	3,994	4,100	275,689	290,678	318,625	338,008	347,970	352,812
State and local	70,368	75,302	78,856	86,204	89,383	94,593	1,746,688	1,854,259	1,987,321	2,082,532	2,239,318	2,360,333

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Salem, OR (MSA)						Salinas—Seaside—Monterey, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,645,402**	**2,848,291**	**3,044,137**	**3,180,927**	**3,407,693**	**3,701,401**	**4,174,056**	**4,481,906**	**4,826,148**	**5,212,921**	**5,582,297**	**5,941,017**
Nonfarm personal income	2,602,690	2,781,935	2,965,718	3,088,577	3,308,912	3,588,278	3,626,546	3,962,160	4,328,699	4,615,574	4,966,922	5,360,375
Farm income[1]	42,712	66,356	78,419	92,350	98,781	113,123	547,510	519,746	497,449	597,347	615,375	580,642
Population (thousands)[2]	254.8	257.4	258.9	261.9	264.7	269.8	314.8	322.8	329.4	338.0	343.5	348.8
Per capita personal income (dollars)	**10,381**	**11,067**	**11,756**	**12,146**	**12,875**	**13,720**	**13,258**	**13,884**	**14,653**	**15,421**	**16,251**	**17,035**
Derivation of total personal income:												
Total earnings by place of work	1,590,076	1,734,286	1,856,865	1,982,497	2,159,933	2,355,618	2,938,373	3,144,178	3,402,711	3,723,542	4,007,128	4,210,068
Less: Personal contributions for social insurance[3]	97,481	106,408	118,395	128,384	140,618	159,865	139,086	153,811	175,504	191,835	210,352	237,096
Plus: Adjustment for residence	126,189	145,205	158,941	147,493	155,683	175,253	543	2,923	−8,784	−6,968	−10,466	−8,871
Equals: Net earnings by place of residence	1,618,784	1,773,083	1,897,411	2,001,606	2,174,998	2,371,006	2,799,830	2,993,290	3,218,423	3,524,739	3,786,310	3,964,101
Plus: Dividends, interest, and rent[5]	516,810	555,229	577,191	597,463	622,915	683,307	790,492	889,876	939,939	976,429	1,061,521	1,169,592
Plus: Transfer payments	509,808	519,979	569,535	581,858	609,780	647,088	583,734	598,740	667,786	711,753	734,466	807,324
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,297,238	1,387,385	1,484,241	1,570,224	1,703,091	1,855,056	2,108,750	2,293,902	2,511,657	2,653,439	2,857,784	3,041,572
Other labor income	114,341	119,172	126,284	137,479	151,997	165,617	163,947	175,846	186,675	201,632	222,991	243,941
Proprietors' income[6]	178,497	227,729	246,340	274,794	304,845	334,945	665,676	674,430	704,379	868,471	926,353	924,555
Farm	9,221	33,543	45,310	59,236	62,700	77,756	371,077	345,300	325,214	438,675	450,016	412,807
Nonfarm	169,276	194,186	201,030	215,558	241,145	257,189	294,599	329,130	379,165	429,796	476,337	511,748
Earnings by industry:												
Farm	42,712	66,356	78,419	92,350	98,781	113,123	547,510	519,746	497,449	597,347	615,375	580,642
Nonfarm	1,547,364	1,667,930	1,778,446	1,890,147	2,061,152	2,242,495	2,390,863	2,624,432	2,905,262	3,126,195	3,391,753	3,629,426
Private	1,065,068	1,162,337	1,230,701	1,313,204	1,440,533	1,567,782	1,565,850	1,742,405	1,952,414	2,139,661	2,376,179	2,582,859
Agricultural services, forestry, fisheries, and other[7]	21,502	21,724	22,172	22,215	29,910	34,938	110,038	126,486	170,692	190,690	225,250	266,588
Agricultural services	13,096	12,675	13,210	13,864	20,583	23,470	97,035	121,664	151,996	164,554	206,523	245,398
Forestry, fisheries, and other[7]	8,406	9,049	8,962	8,351	9,327	11,468	13,003	4,822	18,696	26,136	18,727	21,190
Mining	3,988	4,732	6,170	3,771	3,066	3,032	20,003	20,633	28,931	20,066	17,547	16,577
Coal mining	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	3,962	(D)	(D)	(D)	16,765	18,113	26,008	16,368	14,106	12,878
Metal mining	(D)	(L)	(L)	(L)	(D)	123	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	2,207	2,421*	1,890*	1,775*	3,237	2,520	2,920	3,692	3,412	3,676
Construction	80,539	89,447	100,774	112,726	117,102	127,946	141,750	160,890	173,439	194,996	220,811	235,015
Manufacturing	250,715	281,257	291,017	299,010	329,601	359,610	186,190	199,489	217,616	235,135	266,401	285,284
Nondurable goods	118,733	124,569	125,218	129,382	140,939	146,381	130,210	133,364	149,673	166,280	184,315	182,441
Food and kindred products	80,462	82,192	81,059	81,034	83,754	89,218	88,015	86,779	93,532	109,675	118,502	112,124
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)
Apparel and other textile products	1,465*	2,000*	1,593*	1,595*	1,854*	4,022*	(D)	4,762	5,218	(D)	(D)	7,356
Paper and allied products	12,033*	12,949*	11,311*	12,130*	16,411*	11,402*	(D)	(D)	(D)	10,509	(D)	(D)
Printing and publishing	16,431*	17,187*	18,051*	19,080*	20,974*	21,889*	22,481	25,152	31,534	31,918	36,853	39,097
Chemicals and allied products	3,070*	3,876*	4,677*	5,221*	5,473*	6,349*	6,627	7,102	7,369	6,672	7,287	8,695
Petroleum and coal products	(D)	1,572	1,925	2,931	3,709	3,771	293	321	336	395	373	456
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,171*	1,578*	(D)	(D)	(D)	(D)	1,780	1,909	(D)	1,188	1,194	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Durable goods	131,982	156,688	165,799	169,628	188,662	213,229	55,980	66,125	67,943	68,855	82,086	102,843
Lumber and wood products	69,804	77,210	80,924	83,812	97,457	108,683	1,481	5,449	4,329	3,741	3,999	4,513
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	1,672*	(D)	657	(D)	472	504	(D)
Primary metal industries	(D)	3,215	(D)	(D)	(D)	(D)	(D)	319	(D)	(D)	(D)	(D)
Fabricated metal products	19,022*	23,964	24,479	29,762	30,791	32,199	2,625	3,484	3,204	3,153	3,180	2,850
Machinery, except electrical	(D)	(D)	27,047	25,267	26,588	28,361	12,022	15,286	15,571	15,952	20,235	25,156
Electric and electronic equipment	(D)	(D)	(D)	17,325	18,142	(D)	18,601	19,512	22,147	22,178	27,785	37,287
Transportation equip. excl. motor vehicles	2,795	2,523*	2,327	2,265	2,494	2,466	643	610	578	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,150	1,303	1,610	1,392	1,296	1,704
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	4,008	16,008	15,986	15,991	16,358	18,805	21,088
Instruments and related products	842	1,269	1,236	1,169	1,552	(D)	1,506	2,112	2,372	3,355	3,485	4,369
Miscellaneous manufacturing industries	894	1,081	1,329	1,445	1,457	1,466	1,264	1,407	1,438	1,510	1,779	2,425
Transportation and public utilities	75,231	78,055	77,875	89,152	95,719	96,956	127,642	143,288	159,514	169,644	167,850	175,766
Railroad transportation	2,125	2,341	2,228	2,069	(D)	1,730*	7,493	8,266	7,900	7,016	6,246	(D)
Trucking and warehousing	24,357	29,885	28,563	38,281	36,692	38,157	29,269	33,943	43,085	47,137	40,711	43,896
Water transportation	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	1,053	(D)
Other transportation[8]	4,200	4,809	4,662	5,928	(D)	(D)	10,480	12,666	12,254	15,666	17,266	23,642
Communication	29,987	25,120	25,595	26,474	33,254	33,418	39,531	42,684	43,775	46,187	51,881	47,043
Electric, gas, and sanitary services	14,572	15,910	16,833	16,408	15,731	15,630	(D)	(D)	(D)	(D)	50,693	56,324
Wholesale trade	68,498	70,932	75,964	81,234	90,995	100,244	95,600	92,197	98,575	106,672	113,796	146,041
Retail trade	190,435	205,301	212,238	217,842	226,930	246,290	303,597	331,634	356,499	366,833	393,016	423,737
Finance, insurance, and real estate	81,713	82,245	85,162	90,968	104,210	116,278	92,667	99,986	108,186	125,238	150,476	158,654
Banking and credit agencies	26,734*	26,296*	28,191*	29,180*	31,480*	34,343*	40,828	44,182	45,108	48,405	61,852	70,417
Other finance, insurance, and real estate[9]	49,423*	50,138*	51,472*	56,404*	66,858*	75,563*	51,839	55,804	63,078	76,833	88,624	88,237
Services	292,447	328,644	359,329	396,286	443,000	482,488	488,363	567,802	638,962	730,387	821,032	875,197
Hotels and other lodging places	3,307	4,703	5,079	4,617	3,573	3,969*	56,953	70,945	81,505	91,109	94,105	111,431
Personal services	19,365	20,286	23,319	24,770	26,007	28,790	25,365	26,787	32,820	36,506	37,980	38,876
Private households	4,708	5,235	5,256	5,247	5,292	5,115*	12,425	14,030	14,338	14,589	14,958	15,410
Business services	35,688	41,611	49,467	55,426	63,228	68,706	102,047	120,866	144,774	158,688	189,614	193,674
Auto repair, services, and garages	15,944	19,271	20,880	22,964	24,160	25,987	32,894	38,956	42,171	46,588	48,963	52,449
Miscellaneous repair services	8,241	(D)	(D)	9,539*	10,935	13,012	9,742	12,819	10,554	13,423	12,218	14,604
Amusement and recreation services	3,986	4,684	5,799	7,406	8,719	7,797	12,048	17,255	23,055	34,267	45,900	40,676
Motion pictures	(D)	649*	520*	568*	542	566	1,232	(D)	(D)	(D)	(D)	(D)
Health services	121,465	132,162	142,015	155,670	180,343	192,570	120,933	132,641	143,148	156,845	181,471	195,186
Legal services	17,081	20,346	21,171	23,215	25,959	28,255	26,567	25,141	29,007	33,011	38,733	44,345
Educational services	14,874*	17,239	18,341	18,825	20,380	22,161	9,599	11,032	12,877	13,252	14,926	16,849
Social services	8,556	9,817	11,881	13,449	15,461	18,425	11,073	13,833	14,711	17,161	17,888	20,140
Museums, botanical, zoological gardens	(D)	163	272	257	306	326	1,255	(D)	(D)	(D)	(D)	(D)
Membership organizations	21,701	23,180	24,270	25,787	28,600	31,690	22,793	24,337	27,530	27,422	29,320	31,587
Miscellaneous services	16,475	20,074	22,196	27,909	29,495	34,783	43,437	53,852	56,220	79,955	86,833	89,882
Government and government enterprises	482,296	505,593	547,745	576,943	620,619	674,713	825,013	882,027	952,848	986,534	1,015,574	1,046,567
Federal, civilian	38,452	41,049	44,011	43,694	47,383	51,280	158,247	166,029	183,624	183,118	200,766	208,249
Military	5,174	5,523	6,574	7,121	7,010	7,385	373,700	401,177	415,595	420,171	436,538	430,008
State and local	438,670	459,021	497,160	526,128	566,226	616,048	293,066	314,821	353,629	383,245	378,270	408,310

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Salt Lake City—Ogden, UT (MSA)						San Angelo, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**10,208,858**	**11,150,179**	**11,908,708**	**12,490,670**	**13,175,613**	**13,940,912**	**1,127,591**	**1,174,967**	**1,241,038**	**1,277,157**	**1,326,201**	**1,386,649**
Nonfarm personal income	10,195,897	11,129,308	11,892,027	12,468,447	13,149,896	13,918,401	1,099,517	1,169,050	1,223,563	1,262,516	1,297,910	1,362,232
Farm income[1]	12,961	20,871	16,681	22,223	25,717	22,511	28,074	5,917	17,475	14,641	28,291	24,417
Population (thousands)[2]	989.9	1,009.9	1,025.3	1,041.7	1,056.1	1,065.0	95.2	96.9	97.6	97.8	98.3	99.3
Per capita personal income (dollars)	**10,313**	**11,041**	**11,615**	**11,991**	**12,476**	**13,090**	**11,845**	**12,126**	**12,713**	**13,063**	**13,492**	**13,969**
Derivation of total personal income:												
Total earnings by place of work	8,168,026	9,003,062	9,591,290	9,971,090	10,382,684	10,963,349	827,482	852,189	888,306	907,012	948,743	972,381
Less: Personal contributions for social insurance[3]	478,017	523,199	570,918	622,493	636,782	699,284	42,392	45,050	49,198	51,077	52,948	57,445
Plus: Adjustment for residence	−176,535	−188,534	−216,087	−201,328	−195,132	−209,820	−15,242	−15,615	−16,002	−16,044	−17,204	−16,934
Equals: Net earnings by place of residence	7,513,474	8,291,329	8,804,285	9,147,269	9,550,770	10,054,245	769,848	791,524	823,106	839,891	878,591	898,002
Plus: Dividends, interest, and rent[5]	1,315,496	1,454,477	1,580,154	1,637,525	1,771,263	1,926,292	206,864	225,385	243,957	249,073	249,014	274,178
Plus: Transfer payments	1,379,888	1,404,373	1,524,269	1,705,876	1,853,580	1,960,375	150,879	158,058	173,975	188,193	198,596	214,469
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,914,186	7,615,671	8,141,017	8,433,046	8,749,228	9,246,482	619,870	649,702	671,734	681,437	700,165	721,095
Other labor income	678,950	720,279	729,493	747,716	778,815	828,749	67,142	66,683	64,917	66,335	67,262	68,749
Proprietors' income[6]	574,890	667,112	720,780	790,328	854,641	888,118	140,470	135,804	151,655	159,240	181,316	182,537
Farm	4,433	12,456	8,505	14,299	17,569	14,499	25,048	2,943	14,534	11,723	25,184	21,294
Nonfarm	570,457	654,656	712,275	776,029	837,072	873,619	115,422	132,861	137,121	147,517	156,132	161,243
Earnings by industry:												
Farm	12,961	20,871	16,681	22,223	25,717	22,511	28,074	5,917	17,475	14,641	28,291	24,417
Nonfarm	8,155,065	8,982,191	9,574,609	9,948,867	10,356,967	10,940,838	799,408	846,272	870,831	892,371	920,452	947,964
Private	6,393,496	7,107,143	7,517,993	7,791,468	8,153,052	8,656,597	661,208	695,439	712,825	722,087	732,494	744,497
Agricultural services, forestry, fisheries, and other[7]	22,840	25,158	28,872	22,220	26,136	27,282	3,994	3,894	3,739	3,387	4,990	4,959
Agricultural services	(D)	(D)	27,905	21,253	(D)	(D)	3,928	3,858	3,675	3,306	4,933	4,899
Forestry, fisheries, and other[7]	(D)	(D)	967	967	(D)	(D)	66	(L)	64	81	57	60
Mining	227,070	194,782	124,165	83,505	106,563	113,067	35,969	31,161	30,114	19,796	15,201	14,807
Coal mining	4,412	3,227	4,483	4,352	2,889	1,426	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	47,934*	48,887*	25,018*	19,633*	18,795*	(D)	(D)	30,083	19,768	15,190	14,795
Metal mining	(D)	136,245*	58,334*	42,640*	74,101*	84,105*	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)
Construction	553,828	676,045	699,877	700,961	626,178	625,857	78,129	85,730	83,075	83,406	78,891	76,139
Manufacturing	1,287,831	1,474,081	1,572,587	1,586,004	1,605,989	1,744,111	115,394	119,797	122,141	127,975	121,349	120,535
Nondurable goods	306,112	329,460	358,728	386,215	417,965	459,513	47,635	51,955	53,390	56,105	53,431	55,986
Food and kindred products	91,725	94,304	100,004	107,835	117,345	127,786	20,642	22,439	22,515	21,598	19,355	21,602
Textile mill products	(D)	(D)	755	(D)	(D)	(D)	(D)	352	233	(D)	414	(D)
Apparel and other textile products	31,080	34,082	34,548	34,029	32,744	30,934	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	12,931*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	82,537	91,034	99,659	107,844	112,959	119,682	8,004	8,136	9,341	10,161	10,287	11,075
Chemicals and allied products	(D)	40,135	42,087	45,413	47,665	56,502	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	36,676	36,096	35,510	35,813	39,158	37,550	642	1,031	866	870	486	406
Tobacco manufactures	(L)	(D)	(D)	(D)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	12,406*	15,285	18,834*	21,621*	31,666*	46,326	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	371	377	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	981,719	1,144,621	1,213,859	1,199,789	1,188,024	1,284,598	67,759	67,842	68,751	71,870	67,918	64,549
Lumber and wood products	38,150	46,883	47,576	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,251
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	73,590*	(D)	3,356	(D)	(D)	(D)	(D)
Fabricated metal products	94,178	106,950	105,822	97,306	94,252	95,388	3,445	4,431	5,630	6,191	6,553	6,539
Machinery, except electrical	291,477	330,495	365,569	370,614	345,029	340,958	5,680	(D)	4,076	1,714	1,680	1,558
Electric and electronic equipment	135,965*	159,406*	144,191*	142,387*	135,331*	141,635*	3,078	2,415	2,530	2,602	2,719	1,945
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	10,254	8,534	6,894	1,075	1,529
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	163	159	171	(D)	(D)
Stone, clay, and glass products	50,055	62,782	66,016	67,521	60,197	58,219	2,198	2,275	2,147	2,211	2,450	2,421
Instruments and related products	73,483*	73,821*	76,031*	84,330*	85,535*	111,554	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	30,954*	35,427*	42,278	41,629	46,147	75,288	1,149	1,875	2,864	2,796	2,620	1,883
Transportation and public utilities	868,435	905,504	918,935	908,666	952,331	1,017,431	104,845	110,463	113,406	108,988	113,644	107,277
Railroad transportation	117,621	133,190	134,865	118,406	105,921	93,424	3,063	2,999	2,615	2,107	1,663	1,486
Trucking and warehousing	197,530	218,990	219,528	219,784	247,073	280,385	11,758	13,393	12,881	10,102	10,725	11,069
Water transportation	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	0	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	253,142	(D)	(D)	(D)	(D)	(D)	(D)
Communication	204,476*	216,127	231,219	217,826	221,627	210,777	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	192,312	192,610	188,259	189,153	181,207	179,692	8,058	8,760	9,748	10,608	9,870	10,603
Wholesale trade	667,341	720,348	769,515	796,090	789,369	839,971	29,501	31,103	33,518	34,595	38,386	40,926
Retail trade	827,886	910,811	965,838	1,009,707	1,038,039	1,082,289	102,172	104,269	105,903	106,895	107,138	107,180
Finance, insurance, and real estate	481,844	534,496	583,492	655,433	702,471	715,499	31,084	34,276	37,790	38,442	38,874	39,012
Banking and credit agencies	217,834	251,081	261,842	285,033	291,455	295,017	17,386	18,587	20,240	20,776	20,728	19,859
Other finance, insurance, and real estate[9]	264,010	283,415	321,650	370,400	411,016	420,482	13,698	15,689	17,550	17,666	18,146	19,153
Services	1,456,421	1,665,918	1,854,712	2,028,882	2,305,976	2,491,090	160,120	174,746	183,139	198,603	214,021	233,662
Hotels and other lodging places	55,288	53,849	54,922	50,670	60,676	59,404	3,368	3,393	3,136	3,326	4,499	4,097
Personal services	72,273	81,527	98,115	106,942	111,465	122,119	10,872	11,115	14,361	13,260	13,391	13,944
Private households	(D)	(D)	(D)	(D)	(D)	(D)	6,631	7,467	7,609	7,702	7,760	7,837
Business services	241,328	299,177	349,894	385,431	450,514	492,708	19,124	20,994	24,070	27,667	27,750	28,271
Auto repair, services, and garages	81,541	96,840	105,001	112,376	116,726	124,090	6,478	7,101	8,154	8,458	8,573	8,931
Miscellaneous repair services	44,029	49,642	52,003	52,954	55,107	62,723	3,073	3,127	2,815	2,932	2,912	3,259
Amusement and recreation services	35,153	41,892	47,050	49,424	53,740	58,039	2,509	2,537	2,028	2,141	2,153	3,120
Motion pictures	9,913*	17,707*	18,432*	23,980*	26,768*	19,795*	459	(D)	(D)	(D)	(D)	(D)
Health services	476,743	511,613	565,332	629,217	738,031	798,037	74,321	76,514	79,980	85,518	96,843	109,420
Legal services	116,695	134,308	144,511	162,474	186,395	200,514	12,474	14,789	14,913	18,698	18,909	20,463
Educational services	21,616	26,660	32,408	36,237	44,861	50,920	660	(D)	(D)	1,445	2,286	(D)
Social services	30,601	34,384	38,186	40,845	45,759	54,561	2,882	3,224	3,055	3,152	3,592	3,807
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Membership organizations	116,765	130,498	140,106	150,985	164,430	181,453	5,261	5,633	6,032	6,175	6,557	7,087
Miscellaneous services	142,164	174,004	194,841	212,731	236,842	252,143	12,008	17,708	15,530	17,811	18,484	18,654
Government and government enterprises	1,761,569	1,875,048	2,056,616	2,157,399	2,203,915	2,284,241	138,200	150,833	158,006	170,284	187,958	203,467
Federal, civilian	668,896	710,101	780,851	786,817	803,611	836,257	18,481	20,058	20,459	19,302	23,078	29,572
Military	132,935	143,662	158,393	166,650	173,773	175,482	35,662	41,353	41,909	53,849	64,386	66,091
State and local	959,738	1,021,285	1,117,372	1,203,932	1,226,531	1,272,502	84,057	89,422	95,638	97,133	100,494	107,804

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	San Antonio, TX (MSA)						San Diego, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**12,705,353**	**14,084,839**	**15,487,240**	**16,205,704**	**16,776,697**	**17,778,143**	**26,292,685**	**29,154,083**	**32,190,257**	**34,943,679**	**38,074,901**	**41,661,260**
Nonfarm personal income	12,673,520	14,062,806	15,460,944	16,178,162	16,749,645	17,749,707	26,111,628	28,937,466	31,920,640	34,660,589	37,780,445	41,383,949
Farm income[1]	31,833	22,033	26,296	27,542	27,052	28,436	181,057	216,617	269,617	283,090	294,456	277,311
Population (thousands)[2]	1,173.6	1,204.7	1,241.6	1,279.2	1,315.8	1,323.2	2,021.8	2,074.5	2,132.6	2,205.0	2,286.3	2,370.4
Per capita personal income (dollars)	**10,826**	**11,692**	**12,474**	**12,669**	**12,750**	**13,436**	**13,005**	**14,053**	**15,095**	**15,847**	**16,654**	**17,576**
Derivation of total personal income:												
Total earnings by place of work	9,353,115	10,454,188	11,455,957	11,954,806	12,312,939	12,962,232	17,867,905	20,156,183	22,365,746	24,565,521	26,903,323	29,538,847
Less: Personal contributions for social insurance[3]	505,014	567,010	647,036	683,666	702,219	766,632	1,022,941	1,160,983	1,339,336	1,495,543	1,648,748	1,904,055
Plus: Adjustment for residence	−211,760	−241,961	−282,357	−307,912	−337,416	−354,355	126,191	116,007	176,595	186,047	207,499	213,263
Equals: Net earnings by place of residence	8,636,341	9,645,217	10,526,564	10,963,228	11,273,304	11,841,245	16,971,155	19,111,207	21,203,005	23,256,025	25,462,074	27,848,055
Plus: Dividends, interest, and rent[5]	1,899,673	2,177,323	2,499,269	2,603,105	2,644,659	2,851,646	4,937,886	5,523,946	5,992,476	6,349,242	6,919,409	7,625,197
Plus: Transfer payments	2,169,339	2,262,299	2,461,407	2,639,371	2,858,734	3,085,252	4,383,644	4,518,930	4,994,776	5,338,412	5,693,418	6,188,008
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,855,663	8,788,981	9,646,776	10,060,620	10,369,879	10,923,501	14,797,092	16,668,393	18,484,545	20,273,318	22,169,201	24,413,077
Other labor income	681,605	731,286	757,985	813,192	851,264	904,405	1,293,706	1,428,509	1,526,285	1,685,453	1,857,865	2,068,489
Proprietors' income[6]	815,847	933,921	1,051,196	1,080,994	1,091,796	1,134,326	1,777,107	2,059,281	2,354,916	2,606,750	2,876,257	3,057,281
Farm	24,331	14,649	19,039	20,411	19,580	21,013	102,833	140,892	195,128	204,244	211,943	199,788
Nonfarm	791,516	919,272	1,032,157	1,060,583	1,072,216	1,113,313	1,674,274	1,918,389	2,159,788	2,402,506	2,664,314	2,857,493
Earnings by industry:												
Farm	31,833	22,033	26,296	27,542	27,052	28,436	181,057	216,617	269,617	283,090	294,456	277,311
Nonfarm	9,321,282	10,432,155	11,429,661	11,927,264	12,285,887	12,933,796	17,686,848	19,939,566	22,096,129	24,282,431	26,608,867	29,261,536
Private	6,673,023	7,539,064	8,223,560	8,534,728	8,698,130	9,047,693	12,636,969	14,499,579	16,290,083	18,032,613	20,010,127	22,187,041
Agricultural services, forestry, fisheries, and other[7]	27,789	30,947	34,630	36,006	41,315	42,669	156,777	149,368	169,996	193,045	239,407	276,389
Agricultural services	26,674	(D)	33,273	34,393	40,027	41,329	106,948	113,133	122,159	137,766	190,261	219,623
Forestry, fisheries, and other[7]	1,115	(D)	1,357	1,613	1,288	1,340	49,829	36,235	47,837	55,279	49,146	56,766
Mining	161,434	160,505	166,579	139,973	123,549	126,864	60,434	69,150	93,629	53,019	54,879	53,656
Coal mining	(L)	52	56	(L)	(D)	(L)	282	380	443	354	98	107
Oil and gas extraction	138,445*	138,917*	145,913*	118,586*	103,758*	109,482*	(D)	(D)	70,497	30,056	29,683	27,555
Metal mining	(D)	(L)	(L)	0	(D)	(L)	(D)	(D)	308	381	1,466	930
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	12,661	18,438	22,381	22,228	23,632	25,064
Construction	761,420	915,910	995,507	982,666	911,349	838,816	1,185,179	1,539,957	1,740,518	1,955,521	2,146,023	2,339,071
Manufacturing	978,762	1,064,418	1,094,310	1,082,978	1,097,538	1,142,046	2,840,051	3,165,720	3,550,474	3,757,270	3,811,899	4,121,029
Nondurable goods	420,697	454,011	462,904	481,016	497,096	504,424	423,767	464,001	492,014	537,416	597,644	700,940
Food and kindred products	154,575*	160,990*	167,627*	172,532*	165,827*	163,812*	105,308	94,442	77,670	78,049	84,152	88,911
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	3,921	4,290	4,797	6,841	10,407	10,384
Apparel and other textile products	67,512*	71,595*	66,850*	64,273*	71,019*	75,859*	35,770	41,215	38,430	39,768	48,720	49,164
Paper and allied products	11,832*	12,727*	13,395*	(D)	(D)	(D)	8,413	10,171	11,415	13,093	14,477	14,214
Printing and publishing	84,120*	98,796	101,808	113,157	121,422	123,277	193,531	223,778	254,046	283,672	296,942	337,183
Chemicals and allied products	16,805*	20,791*	23,678*	26,107*	23,917*	25,473*	43,070	51,806	53,589	58,505	67,438	109,995
Petroleum and coal products	10,052	8,475	8,545	8,082	7,367	6,171	5,684	6,203	8,162	9,968	12,652	13,660
Tobacco manufactures	(D)	(D)	3,114	3,268	2,244	2,414	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	24,073	28,532	41,171	44,911	60,016	74,479
Leather and leather products	20,718*	19,591*	22,234*	(D)	(D)	(D)	3,997	3,564	2,734	2,609	2,840	2,950
Durable goods	558,065	610,407	631,406	601,962	600,442	637,622	2,416,284	2,701,719	3,058,460	3,219,854	3,214,255	3,420,089
Lumber and wood products	25,549*	28,388*	25,825*	24,462*	22,157	22,439	16,584	15,147	18,333	22,073	33,037	37,889
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	22,823	30,208	28,297	33,196	49,216	60,465
Primary metal industries	(D)	29,430	(D)	(D)	(D)	(D)	17,283	18,444	16,463	14,979	19,159	20,764
Fabricated metal products	63,711	73,204	78,005	79,889	77,797	77,880	81,045	163,815	171,725	178,447	132,703	140,121
Machinery, except electrical	174,838	168,268	160,075*	134,321	125,844	125,611	428,444	466,961	498,912	515,018	425,121	481,955
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	526,897	628,944	771,199	817,455	863,671	891,197
Transportation equip. excl. motor vehicles	71,945*	76,970*	(D)	(D)	96,484*	109,795*	891,886	980,202	1,111,728	1,165,948	1,197,594	1,228,201
Motor vehicles and equipment	6,949	7,717	8,312	9,204	8,389	8,428	9,961	10,335	11,868	13,381	15,415	19,657
Stone, clay, and glass products	82,353	92,887	103,249	102,718	92,571	84,028	37,210	52,347	58,575	62,661	74,953	79,366
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	320,281	271,153	301,927	328,807	340,617	387,826
Miscellaneous manufacturing industries	23,268	27,457	28,050	30,287	30,806	29,944*	63,870	64,163	69,433	67,889	62,769	72,648
Transportation and public utilities	495,324	574,286	623,893	592,704	552,488	573,072	982,251	1,029,168	1,084,372	1,154,168	1,206,634	1,322,411
Railroad transportation	49,820	57,913	59,225	52,971	48,557	48,075	5,662	6,246	6,254	6,583	7,214	6,517
Trucking and warehousing	127,716	149,021	152,013	153,676	159,771	163,257	111,102	137,917	146,240	165,769	187,699	204,833
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	14,656	21,874	24,056	20,879	22,137	22,787
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	255,790	267,282*	279,251*	282,836*	280,421*	344,345	332,247	346,061	347,706	340,999	370,176
Electric, gas, and sanitary services	12,582	41,694	69,090	21,608	−37,813	−29,253	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	543,325	595,882	654,742	674,914	637,740	671,135	706,365	808,236	909,981	1,007,390	1,141,725	1,309,117
Retail trade	1,128,390	1,257,207	1,369,140	1,446,685	1,444,238	1,480,349	1,795,317	1,984,682	2,149,833	2,403,836	2,593,855	2,981,408
Finance, insurance, and real estate	696,626	802,505	896,189	985,588	1,026,860	1,061,886	1,015,048	1,164,195	1,323,463	1,591,785	1,898,133	2,116,137
Banking and credit agencies	223,298	256,527	282,608*	305,246*	306,319*	308,386*	453,385	510,277	574,365	681,319	778,976	863,693
Other finance, insurance, and real estate[9]	473,328	545,978	602,315*	667,230*	706,285*	738,946*	561,663	653,918	749,098	910,466	1,119,157	1,252,444
Services	1,879,953	2,137,404	2,388,570	2,593,214	2,863,053	3,110,856	3,895,547	4,589,103	5,267,817	5,916,579	6,917,572	7,667,823
Hotels and other lodging places	82,036	89,765	97,807	96,744	108,707	115,831	163,405	187,055	203,329	251,586	322,257	345,306
Personal services	115,442	121,361	145,957	154,449	160,603	171,885	186,498	198,351	247,920	265,519	296,746	320,420
Private households	32,887	36,992	37,676	38,144	38,443	38,832	(D)	(D)	(D)	(D)	(D)	(D)
Business services	370,800	433,131	507,439	553,905	600,797	641,812	909,142	1,124,575	1,339,626	1,491,262	1,771,358	1,997,381
Auto repair, services, and garages	93,827	108,997	121,945	130,447	137,164	144,399	191,168	224,653	256,854	279,728	309,090	348,379
Miscellaneous repair services	32,893	38,325	38,159	40,664	43,317	44,737	89,203	124,502	133,361	132,842	132,860	152,884
Amusement and recreation services	32,419	40,070	48,238	55,257	61,112	85,022	127,143	155,670	175,982	200,762	206,719	236,006
Motion pictures	(D)	(D)	(D)	7,177*	(D)	(D)	14,516	24,419	28,711	31,068	31,663	40,958
Health services	649,389	701,378	752,976	814,816	940,089	1,009,560	1,147,667	1,286,678	1,435,148	1,580,270	1,897,711	2,037,766
Legal services	132,908	165,675	197,227	232,792	264,592	322,946	238,826	296,277	337,355	414,202	513,317	617,038
Educational services	63,177*	70,634*	77,593*	86,413*	105,716*	114,355*	103,535	120,004	136,176	142,481	158,788	183,241
Social services	41,518	45,642	52,598	55,897	66,150	75,073	77,269	86,412	106,085	124,848	143,749	148,489
Museums, botanical, zoological gardens	(D)	(D)	(D)	5,791*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	63,516	68,884	76,142	80,521	88,200	95,606	159,017	167,890	187,412	191,544	208,195	225,090
Miscellaneous services	153,285	200,726	218,377	235,078	229,445	230,351	379,021	470,905	553,543	680,334	789,434	874,723
Government and government enterprises	2,648,259	2,893,091	3,206,101	3,392,536	3,587,757	3,886,103	5,049,879	5,439,987	5,806,046	6,249,818	6,598,740	7,074,495
Federal, civilian	882,528	1,013,386	1,152,295	1,193,992	1,280,042	1,495,876	970,486	1,044,494	1,108,061	1,113,617	1,172,613	1,256,546
Military	742,846	772,319	807,093	866,912	894,073	886,787	2,269,046	2,441,692	2,514,068	2,679,792	2,727,948	2,832,132
State and local	1,022,885	1,107,386	1,246,713	1,331,632	1,413,642	1,503,440	1,810,347	1,953,801	2,183,917	2,456,409	2,698,179	2,985,817

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	San Francisco, CA (PMSA)						San Jose, CA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**29,071,223**	**32,298,688**	**34,701,841**	**36,464,882**	**38,816,644**	**41,833,734**	**22,625,850**	**25,384,314**	**27,071,259**	**28,412,679**	**30,562,917**	**33,196,199**
Nonfarm personal income	28,998,302	32,219,539	34,614,280	36,364,102	38,716,113	41,744,098	22,551,487	25,293,996	26,977,238	28,306,593	30,457,471	33,099,189
Farm income[1]	72,921	79,149	87,561	100,780	100,531	89,636	74,363	90,318	94,021	106,086	105,446	97,010
Population (thousands)[2]	1,534.5	1,549.6	1,570.4	1,580.9	1,586.1	1,590.1	1,360.3	1,378.0	1,397.4	1,401.7	1,413.0	1,432.0
Per capita personal income (dollars)	**18,945**	**20,843**	**22,097**	**23,067**	**24,472**	**26,309**	**16,633**	**18,421**	**19,373**	**20,270**	**21,630**	**23,181**
Derivation of total personal income:												
Total earnings by place of work	25,097,582	27,418,388	29,441,828	31,575,611	33,300,806	35,561,708	19,977,284	22,759,194	24,246,080	25,332,868	27,428,157	30,288,976
Less: Personal contributions for social insurance[3]	1,414,857	1,548,059	1,740,180	1,889,390	1,987,246	2,216,305	1,125,901	1,285,964	1,444,823	1,531,325	1,649,354	1,899,052
Plus: Adjustment for residence	−4,028,829	−4,028,208	−4,184,633	−4,765,462	−4,729,801	−4,863,653	−1,409,383	−1,776,183	−1,955,910	−1,923,387	−2,191,225	−2,786,254
Equals: Net earnings by place of residence	19,653,896	21,842,121	23,517,015	24,920,759	26,583,759	28,481,750	17,442,000	19,697,047	20,845,347	21,878,156	23,587,578	25,603,670
Plus: Dividends, interest, and rent[5]	6,200,872	7,169,941	7,635,198	7,825,392	8,342,300	9,186,936	3,070,002	3,561,762	3,879,514	4,015,347	4,330,876	4,769,508
Plus: Transfer payments	3,216,455	3,286,626	3,549,628	3,718,731	3,890,585	4,165,048	2,113,848	2,125,505	2,346,398	2,519,176	2,644,463	2,823,021
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	20,270,679	22,002,905	23,557,100	25,194,324	26,372,594	28,230,297	16,810,060	19,205,315	20,496,013	21,323,906	23,073,302	25,537,437
Other labor income	2,140,700	2,236,511	2,256,239	2,412,988	2,494,753	2,634,679	1,886,822	2,073,370	2,112,812	2,208,375	2,351,209	2,585,247
Proprietors' income[6]	2,686,203	3,178,972	3,628,489	3,968,299	4,433,459	4,696,732	1,280,402	1,480,509	1,637,255	1,800,587	2,003,646	2,166,292
Farm	43,817	49,234	55,946	67,575	65,375	54,133	44,340	60,716	63,797	73,765	69,973	60,557
Nonfarm	2,642,386	3,129,738	3,572,543	3,900,724	4,368,084	4,642,599	1,236,062	1,419,793	1,573,458	1,726,822	1,933,673	2,105,735
Earnings by industry:												
Farm	72,921	79,149	87,561	100,780	100,531	89,636	74,363	90,318	94,021	106,086	105,446	97,010
Nonfarm	25,024,661	27,339,239	29,354,267	31,474,831	33,200,275	35,472,072	19,902,921	22,668,876	24,152,059	25,226,782	27,322,711	30,191,966
Private	21,817,507	23,902,226	25,674,085	27,654,216	29,102,273	31,196,026	18,110,290	20,756,430	22,089,035	22,967,555	24,865,551	27,608,293
Agricultural services, forestry, fisheries, and other[7]	96,525	97,249	107,296	122,262	148,662	165,670	77,631	84,515	91,377	90,110	114,580	133,621
Agricultural services	80,484	85,639	89,503	95,692	126,140	141,124	75,738	83,584	90,024	89,093	113,621	132,664
Forestry, fisheries, and other[7]	16,041	11,610	17,793	26,570	22,522	24,546	1,893	931	1,353	1,017	959	957
Mining	246,203	237,567	268,895	158,418	119,013	107,015	32,745	37,442	48,687	20,577	19,811	18,779
Coal mining	89	121	141	134	(L)	(L)	331	447	521	500	(D)	135
Oil and gas extraction	188,640*	184,907*	203,403*	104,304*	53,113	48,201	29,300	(D)	(D)	15,129	14,795	16,282
Metal mining	38,909*	31,787*	38,876	(D)	63,532*	55,283	(D)	(D)	(D)	1,085	(D)	789
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	3,494	(D)	2,744	3,282	3,863	3,915	1,573
Construction	1,351,537	1,517,081	1,614,772	1,736,409	1,869,597	1,920,513	950,791	1,255,889	1,393,507	1,405,866	1,493,421	1,616,095
Manufacturing	2,507,786	2,621,208	2,586,027	2,662,744	2,804,426	2,978,914	8,698,563	9,808,934	10,494,567	10,789,213	11,160,560	12,158,947
Nondurable goods	1,473,099	1,527,498	1,480,936	1,572,794	1,657,510	1,753,834	683,468	730,723	808,270	858,334	900,103	1,000,207
Food and kindred products	368,898	346,681	344,097*	362,649*	361,831*	346,360	218,915	212,510	214,819	221,158	216,419	210,260
Textile mill products	(D)	(D)	(D)	(D)	(D)	3,803	(D)	(D)	(D)	(D)	515	1,888
Apparel and other textile products	211,911	240,764	218,420	231,151	253,214	299,296	7,839	7,860	3,802	4,591	5,212	5,652
Paper and allied products	60,981*	62,332*	55,185	56,889	55,089	51,246*	59,268	65,419	63,472	60,454	59,595	65,270
Printing and publishing	395,745	429,182	443,683	495,955	536,706	601,930	189,339	210,128	234,592	247,419	260,343	295,790
Chemicals and allied products	165,716	178,836	193,220	204,673	230,872	239,288	140,125	147,381	219,577	247,836	280,009	323,840
Petroleum and coal products	195,569*	181,934*	159,859*	150,960*	148,394*	155,500*	6,191	6,730	7,063	7,788	7,853	8,311
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	61,842	75,213	55,605	58,790	59,198	50,662	61,170	79,695	63,943	68,340	69,129	88,244
Leather and leather products	(D)	(D)	(D)	(D)	(D)	4,220*	(D)	(D)	(D)	(D)	1,028	952
Durable goods	1,034,687	1,093,710	1,105,091	1,089,950	1,146,916	1,225,080	8,015,095	9,078,211	9,686,297	9,930,879	10,260,457	11,158,740
Lumber and wood products	14,962	16,778	(D)	(D)	(D)	(D)	22,957	25,845	25,625	28,003	35,111	37,734
Furniture and fixtures	36,861*	42,780*	40,852*	38,926*	43,995*	49,209*	16,177	21,846	23,209	21,311	22,352	24,419
Primary metal industries	158,077	185,025	(D)	(D)	(D)	(D)	22,383	29,782	20,038	18,916	20,806	27,782
Fabricated metal products	139,815	144,338	(D)	130,464	133,569	128,980	341,118	367,039	328,903	299,294	171,038	184,316
Machinery, except electrical	146,584	158,596	156,385	138,595	151,045	169,328	2,134,362	2,480,657	2,600,320	2,731,829	2,938,440	3,319,387
Electric and electronic equipment	333,402	322,974	342,863	343,009	356,191	371,152	3,064,229	3,626,705	3,931,800	3,827,010	4,008,750	4,190,715
Transportation equip. excl. motor vehicles	78,032	89,784	94,959	92,041	91,997	88,506	(D)	1,219,069	1,458,405	1,596,158	1,541,921	1,668,427
Motor vehicles and equipment	7,205*	7,852*	3,670*	(D)	(D)	(D)	44,551	15,643	12,291	11,246	9,612	7,354
Stone, clay, and glass products	38,486	35,213	33,607	36,894	39,006	48,924	91,541	91,034	94,163	95,240	93,227	97,009
Instruments and related products	39,559	39,812	50,745	58,649	66,117	73,366	936,116	1,071,614	1,142,024	1,258,362	1,379,837	1,566,473
Miscellaneous manufacturing industries	39,258	49,911	54,021	48,298	41,842	48,710	(D)	128,977	49,519	43,510	39,363	35,124
Transportation and public utilities	2,982,826	3,197,109	3,245,806	3,347,867	3,260,508	3,340,224	689,761	728,568	760,042	735,221	749,314	834,869
Railroad transportation	130,759	133,154	118,195	104,001	91,773	99,042	20,439	20,351	17,680	15,651	13,957	12,436
Trucking and warehousing	231,354	248,316*	276,152	296,299	293,096	303,212	175,602	196,626	197,742	207,811	218,831	250,698
Water transportation	115,148*	120,898*	121,979*	157,372*	153,099*	165,719*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	988,052	1,020,711	999,964	831,605	710,556	656,814	303,435	301,539	312,196	260,942	256,510	287,721
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	109,191	119,856	139,680	145,722	139,013	150,701
Wholesale trade	1,847,034	2,146,892	2,324,443	2,447,896	2,326,455	2,512,641	956,714	1,125,925	1,269,814	1,343,471	1,658,741	2,063,759
Retail trade	2,276,142	2,433,368	2,630,540	2,805,925	2,932,144	3,119,602	1,478,705	1,611,425	1,704,504	1,806,440	1,883,641	2,059,470
Finance, insurance, and real estate	3,487,767	3,711,170	4,108,670	4,700,149	5,010,722	5,327,902	681,069	772,427	875,882	1,034,891	1,209,480	1,186,857
Banking and credit agencies	1,347,476*	1,440,820*	1,555,472*	1,763,667	1,773,116	1,785,777	253,535	273,509	290,595	327,842	333,423	329,603
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	2,936,482	3,237,606	3,542,125	427,534	498,918	585,287	707,049	876,057	857,254
Services	7,021,687	7,940,582	8,787,636	9,672,546	10,630,746	11,723,545	4,544,311	5,331,305	5,450,655	5,741,766	6,576,003	7,535,896
Hotels and other lodging places	319,183	363,624	370,512*	386,198*	444,565*	520,634	83,449	(D)	(D)	(D)	(D)	(D)
Personal services	245,296	266,619	329,911	351,010	373,186	400,301	132,610	145,757	174,456	185,485	201,867	220,198
Private households	(D)	(D)	(D)	(D)	(D)	(D)	33,433	37,724	38,548	39,232	40,235	41,453
Business services	1,811,223	2,105,629	2,427,355	2,715,092	3,007,088	3,389,009	1,723,351	2,134,312	2,037,861	2,127,874	2,389,106	2,977,764
Auto repair, services, and garages	286,787	325,603	356,408	385,731	409,291	431,183	150,738	174,610	194,420	205,251	224,893	250,192
Miscellaneous repair services	71,638	101,861	95,622	104,500	102,148	110,299	150,562	183,521	159,010	141,530	130,213	151,569
Amusement and recreation services	164,916	183,052	212,289	236,760	265,887	315,289	54,852	61,663	67,750	85,867	94,610	104,679
Motion pictures	49,612	95,165	108,304	142,248	120,122	133,290	7,830	10,457	10,398	11,673	12,244	16,588
Health services	1,286,034	1,405,284	1,571,823	1,712,068	1,909,413	1,980,496	995,928	1,080,434	1,180,564	1,272,071	1,437,772	1,551,536
Legal services	843,282	1,026,973	1,133,820	1,344,609	1,548,447	1,799,397	189,092	248,989	269,570	320,082	376,087	413,855
Educational services	160,246	178,104	201,214	212,409	235,211	259,051	356,753	(D)	(D)	(D)	(D)	(D)
Social services	133,529	157,192	171,810	190,611	205,741	244,009	71,811	87,043	102,119	110,643	127,071	138,192
Museums, botanical, zoological gardens	10,537*	12,108*	13,640*	15,824*	18,376*	19,616*	535	573	702	801	801	1,279
Membership organizations	259,267	268,810	284,852	299,643	314,540	345,201	125,016	130,909	144,462	154,827	166,296	178,724
Miscellaneous services	1,276,031	1,333,082	1,380,380	1,443,543	1,540,506	1,646,825	468,351	538,526	549,702	537,513	797,081	859,766
Government and government enterprises	3,207,154	3,437,013	3,680,182	3,820,615	4,098,002	4,276,046	1,792,631	1,912,446	2,063,024	2,259,227	2,457,160	2,583,673
Federal, civilian	946,178	992,783	1,042,200	1,029,327	1,069,612	1,150,719	313,648	347,467	359,663	367,474	404,890	442,548
Military	171,281	179,026	184,835	187,091	189,255	184,962	140,696	152,263	167,404	168,184	167,555	171,021
State and local	2,089,695	2,265,204	2,453,147	2,604,197	2,839,135	2,940,365	1,338,287	1,412,716	1,535,957	1,723,569	1,884,715	1,970,104

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Santa Barbara—Santa Maria—Lompoc, CA (MSA)						Santa Cruz, CA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,719,644**	**5,227,977**	**5,695,961**	**6,024,321**	**6,377,989**	**6,827,524**	**2,764,699**	**3,069,478**	**3,323,701**	**3,623,000**	**3,949,207**	**4,303,683**
Nonfarm personal income	4,508,845	5,054,817	5,501,248	5,811,506	6,161,267	6,595,600	2,669,631	2,967,518	3,228,173	3,480,830	3,797,555	4,144,494
Farm income[1]	210,799	173,160	194,713	212,815	216,722	231,924	95,068	101,960	95,528	142,170	151,652	159,189
Population (thousands)[2]	318.1	323.3	331.2	336.5	341.3	343.1	202.2	206.2	212.8	217.3	222.2	226.7
Per capita personal income (dollars)	**14,839**	**16,168**	**17,196**	**17,901**	**18,689**	**19,897**	**13,671**	**14,884**	**15,616**	**16,676**	**17,770**	**18,983**
Derivation of total personal income:												
Total earnings by place of work	3,178,035	3,589,189	3,952,910	4,207,749	4,417,594	4,688,871	1,412,092	1,600,851	1,721,347	1,909,937	2,123,673	2,350,670
Less: Personal contributions for social insurance[3]	171,663	198,306	228,100	246,116	260,109	289,383	77,481	88,483	101,267	111,833	125,277	145,935
Plus: Adjustment for residence	−31,629	−62,961	−69,257	−75,630	−74,143	−78,938	486,035	540,833	591,789	651,381	713,928	757,031
Equals: Net earnings by place of residence	2,974,743	3,327,922	3,655,553	3,886,003	4,083,342	4,320,550	1,820,646	2,053,201	2,211,869	2,449,485	2,712,324	2,961,766
Plus: Dividends, interest, and rent[4]	1,127,834	1,264,163	1,347,052	1,398,738	1,513,697	1,667,245	554,124	615,185	665,179	699,774	744,751	819,999
Plus: Transfer payments	617,067	635,892	693,356	739,580	780,950	839,729	389,929	401,092	446,653	473,741	492,132	521,918
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,381,094	2,762,643	3,021,093	3,208,426	3,350,166	3,545,291	1,007,852	1,139,356	1,246,989	1,356,590	1,514,508	1,694,008
Other labor income	235,833	269,456	284,239	302,854	312,870	330,257	102,947	112,811	116,871	127,477	142,934	159,300
Proprietors' income[5]	561,108	557,090	647,578	696,469	754,558	813,323	301,293	348,684	357,487	425,870	466,231	497,362
Farm	157,936	120,073	142,933	161,346	162,264	176,909	53,644	56,051	42,143	84,662	86,657	89,301
Nonfarm	403,172	437,017	504,645	535,123	592,294	636,414	247,649	292,633	315,344	341,208	379,574	408,061
Earnings by industry:												
Farm	210,799	173,160	194,713	212,815	216,722	231,924	95,068	101,960	95,528	142,170	151,652	159,189
Nonfarm	2,967,236	3,416,029	3,758,197	3,994,934	4,200,872	4,456,947	1,317,024	1,498,891	1,625,819	1,767,767	1,972,021	2,191,481
Private	2,440,718	2,848,757	3,141,161	3,335,962	3,504,515	3,721,185	1,108,242	1,268,529	1,371,918	1,485,659	1,660,225	1,853,196
Agricultural services, forestry, fisheries, and other[7]	51,485	59,420	59,785	68,396	79,124	83,967	22,506	18,244	17,898	20,074	24,910	26,564
Agricultural services	49,459	58,661	56,460	63,200	74,866	79,488	20,829	17,356	15,881	16,634	22,223	23,576
Forestry, fisheries, and other[7]	2,026	759	3,325	5,196	4,258	4,479	1,677	888	2,017	3,440	2,687	2,988
Mining	64,093	65,995	72,685	56,668	60,579	60,853	6,652	7,300	9,577	5,417	5,107	5,146
Coal mining	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)	(D)	(L)
Oil and gas extraction	60,448	61,845	68,487	51,672	56,138	56,306	4,499	(D)	6,887	2,472	2,283	2,219
Metal mining	(D)	(D)	73	93	(D)	(L)	(L)	(D)	(L)	(L)	(D)	102
Nonmetallic minerals, except fuels	(D)	(D)	4,091	4,870	4,255	4,489	2,155	2,456	2,644	2,923	2,731	2,823
Construction	196,595	290,807	291,357	301,627	312,375	329,983	131,393	177,828	174,266	179,720	193,464	207,424
Manufacturing	558,887	646,432	767,591	799,222	770,044	806,881	258,680	290,444	301,972	320,658	364,378	399,655
Nondurable goods	59,554	64,047	66,677	73,190	82,198	84,923	99,527	103,193	103,005	103,145	112,634	135,562
Food and kindred products	24,051	25,210	23,429	26,485	24,613	29,993	73,387	75,964	76,157	73,073	76,866	90,541
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Apparel and other textile products	2,666	3,307	2,216	2,504	4,171	5,471	(D)	(D)	(D)	1,251	1,753	2,168
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	23,282	24,709	27,652	24,257	26,796	29,575	12,148	13,437	14,764	16,068	16,542	20,034
Chemicals and allied products	1,727	1,901	2,574	7,686	7,961	4,819	885	1,279	1,096	(D)	4,428	5,003
Petroleum and coal products	955	957	1,070	1,304	1,924	2,450	270	298	299	551	639	1,266
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,696	5,472	6,376	6,772	11,451	6,728	5,183	5,595	5,825	7,220	8,560	11,657
Leather and leather products	746	754	(D)	(D)	550	788	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	499,333	582,385	700,914	726,032	687,846	721,958	159,153	187,251	198,967	217,513	251,744	264,093
Lumber and wood products	(D)	(D)	5,963	6,049	8,092	8,125	(D)	8,432	9,580	9,909	12,333	14,105
Furniture and fixtures	(D)	526	795	1,051	1,556	2,093	1,558	2,302	(D)	(D)	1,327	847
Primary metal industries	3,688	5,049	(D)	(D)	(D)	(D)	4,769	5,494	(D)	(D)	(D)	(D)
Fabricated metal products	9,024	10,779	10,944	11,278	11,756	12,062	3,175	3,688	3,728	3,688	4,269	4,517
Machinery, except electrical	30,808	36,248	97,188	132,001	145,040	120,690	58,916	59,495	64,601	80,024	108,398	(D)
Electric and electronic equipment	199,785	221,136	238,461	220,379	229,356	276,353	46,260	62,973	65,525	66,683	70,225	83,112
Transportation equip. excl. motor vehicles	172,251	216,269	251,839	248,641	180,132	173,192	(D)	18,349	18,921	22,631	20,811	17,328
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Stone, clay, and glass products	24,157	27,988	28,872	30,958	31,421	32,969	10,825	13,641	14,651	15,888	17,282	17,409
Instruments and related products	42,719	42,004	43,568	50,442	52,251	59,636	4,607	7,639	9,497	9,741	8,270	7,059
Miscellaneous manufacturing industries	10,395	12,030	13,525	15,521	17,968	25,078	3,893	5,238	5,744	2,361	3,660	4,182
Transportation and public utilities	148,017	159,566	165,927	162,172	157,354	164,386	63,864	64,802	67,314	71,243	83,495	86,014
Railroad transportation	1,244	1,223	1,064	(D)	(D)	820	3,245	3,187	3,340	3,839	4,604	4,831
Trucking and warehousing	34,555	39,862	39,703	40,615	39,173	39,315	17,068	19,940	21,498	24,790	27,793	28,045
Water transportation	9,451	8,220	5,304	3,867	3,455	3,178	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	17,871	17,475	18,838	(D)	(D)	26,707	5,687	(D)	7,101	(D)	(D)	(D)
Communication	61,529	62,868	67,316	66,384	60,599	60,691	(D)	(D)	(D)	(D)	11,619	9,383
Electric, gas, and sanitary services	23,367	29,918	33,702	29,493	29,922	33,675	(D)	(D)	(D)	(D)	(D)	19,083
Wholesale trade	101,257	128,449	141,644	157,592	167,864	195,122	48,369	62,210	70,840	75,673	77,991	101,144
Retail trade	406,959	401,343	442,646	454,288	472,906	503,494	210,029	230,634	247,650	266,887	286,510	302,917
Finance, insurance, and real estate	126,949	149,315	178,054	211,924	260,483	255,256	52,141	60,690	66,528	76,192	94,255	100,117
Banking and credit agencies	55,795	63,469	69,791	81,276	101,665	101,954	24,002	28,894	29,152	32,714	42,281	46,585
Other finance, insurance, and real estate[9]	71,154	85,846	108,263	130,648	158,818	153,302	28,139	31,796	37,376	43,478	51,974	53,532
Services	786,476	947,430	1,021,472	1,124,073	1,223,786	1,321,243	314,608	356,377	415,873	469,795	530,115	624,215
Hotels and other lodging places	37,785	45,541	49,064	53,461	60,353	49,028	10,718	11,214	12,662	9,956	9,931	14,216
Personal services	36,370	38,771	48,173	55,052	59,971	64,469	18,910	17,976	23,709	27,291	29,223	31,869
Private households	18,965	21,411	21,878	22,262	22,828	23,518	9,592	10,827	11,067	11,262	11,548	11,896
Business services	221,792	310,473	323,311	353,028	363,308	363,618	65,574	80,087	96,909	117,440	140,106	190,642
Auto repair, services, and garages	34,938	41,011	47,400	48,658	52,144	57,535	16,062	20,039	21,810	22,630	24,984	27,537
Miscellaneous repair services	17,554	18,368	18,283	20,117	18,779	30,748	6,356	6,727	7,322	8,192	8,533	9,937
Amusement and recreation services	11,519	13,039	15,618	18,828	21,509	22,611	10,488	12,992	15,283	16,871	19,558	20,976
Motion pictures	(D)	(D)	4,355	4,433	4,010	3,703	(D)	(D)	(D)	(D)	(D)	(D)
Health services	244,798	258,872	282,684	300,678	340,810	366,858	106,057	115,765	135,482	145,090	162,834	183,150
Legal services	35,353	42,980	49,182	56,684	62,044	70,268	13,834	17,057	19,651	23,450	25,164	29,037
Educational services	18,622	21,210	23,832	23,740	26,327	29,405	6,119	6,491	7,169	7,441	7,896	8,561
Social services	19,997	22,665	23,050	30,116	33,446	35,737	11,128	12,867	15,148	19,704	21,704	20,539
Museums, botanical, zoological gardens	(D)	(D)	2,445	2,846	3,361	3,597	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	28,303	29,306	31,890	32,966	36,081	37,552	14,954	15,314	16,775	18,041	18,705	20,210
Miscellaneous services	55,862	77,576	80,307	101,204	118,815	162,596	23,967	26,949	30,719	40,102	47,347	53,339
Government and government enterprises	526,518	567,272	617,036	658,972	696,357	735,762	208,782	230,362	253,901	282,108	311,796	338,285
Federal, civilian	97,485	104,801	110,500	109,339	111,589	115,975	11,877	13,030	14,097	14,555	15,685	18,437
Military	89,033	94,421	99,697	98,890	93,064	94,763	2,849	3,268	3,914	4,211	4,387	4,564
State and local	340,000	368,050	406,839	450,743	491,704	525,024	194,056	214,064	235,890	263,342	291,724	315,284

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Santa Fe, NM (MSA)						Santa Rosa—Petaluma, CA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,224,564**	**1,357,254**	**1,504,498**	**1,605,798**	**1,722,477**	**1,822,243**	**4,547,457**	**5,042,078**	**5,555,977**	**6,021,901**	**6,563,376**	**7,168,134**
Nonfarm personal income	1,222,971	1,354,523	1,502,183	1,603,370	1,719,750	1,819,526	4,484,373	4,958,829	5,470,727	5,917,891	6,451,941	7,065,314
Farm income[1]	1,593	2,731	2,315	2,428	2,727	2,717	63,084	83,249	85,250	104,010	111,435	102,820
Population (thousands)[2]	98.3	100.3	103.2	108.2	111.5	112.5	321.1	326.1	334.1	343.8	354.2	366.0
Per capita personal income (dollars)	**12,455**	**13,536**	**14,576**	**14,846**	**15,452**	**16,202**	**14,162**	**15,462**	**16,628**	**17,516**	**18,531**	**19,584**
Derivation of total personal income:												
Total earnings by place of work	983,693	1,091,867	1,202,198	1,274,342	1,361,502	1,417,617	2,280,154	2,642,715	2,914,512	3,187,859	3,494,678	3,778,331
Less: Personal contributions for social insurance[3]	70,458	64,622	72,437	79,726	83,838	90,740	130,472	150,935	175,710	194,177	214,260	244,422
Plus: Adjustment for residence	−71,824	−89,517	−104,902	−111,653	−124,308	−123,091	764,693	802,781	887,779	977,376	1,079,619	1,233,668
Equals: Net earnings by place of residence	841,411	937,728	1,024,859	1,082,963	1,153,356	1,203,786	2,914,375	3,294,561	3,626,581	3,971,058	4,360,037	4,767,577
Plus: Dividends, interest, and rent[5]	240,614	268,539	311,068	336,795	364,645	396,705	947,648	1,041,370	1,148,086	1,217,352	1,322,733	1,455,451
Plus: Transfer payments	142,539	150,987	168,571	186,040	204,476	221,752	685,434	706,147	781,310	833,491	880,606	945,106
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	841,118	929,562	1,022,724	1,086,531	1,161,650	1,205,498	1,698,268	1,956,441	2,166,357	2,354,393	2,575,166	2,805,674
Other labor income	60,708	66,155	71,112	75,822	77,279	83,315	173,962	195,651	205,832	225,045	247,006	270,356
Proprietors' income[6]	81,867	96,150	108,362	111,989	122,573	128,804	407,924	490,623	542,323	608,421	672,506	702,301
Farm	422	1,572	1,214	1,377	1,664	1,691	33,689	53,120	55,057	72,465	76,698	65,850
Nonfarm	81,445	94,578	107,148	110,612	120,909	127,113	374,235	437,503	487,266	535,956	595,808	636,451
Earnings by industry:												
Farm	1,593	2,731	2,315	2,428	2,727	2,717	63,084	83,249	85,250	104,010	111,435	102,820
Nonfarm	982,100	1,089,136	1,199,883	1,271,914	1,358,775	1,414,900	2,217,070	2,559,466	2,829,262	3,083,849	3,383,243	3,675,511
Private	511,028	575,585	633,592	680,244	710,858	756,147	1,836,127	2,150,404	2,376,943	2,569,324	2,843,429	3,093,182
Agricultural services, forestry, fisheries, and other[7]	3,500	3,007	3,202	(D)	3,593	4,124	23,736	26,391	27,823	29,340	41,336	47,453
Agricultural services	3,232	2,722	(D)	(D)	3,522	4,074	20,016	23,514	24,117	24,150	36,806	42,422
Forestry, fisheries, and other[7]	268	285	(D)	(D)	71	50	3,720	2,877	3,706	5,190	4,530	5,031
Mining	9,434	9,777	10,645	7,279	6,525	6,855	30,291	33,600	39,855	29,324	28,937	36,221
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	6,965	(D)	(D)	(D)	4,791	5,546	24,384	27,419	33,568	24,091	24,312	31,005
Metal mining	(D)	(D)	(D)	(D)	1,084	596	(L)	(L)	(L)	0	63	(L)
Nonmetallic minerals, except fuels	(D)	804	643	613	649	712	5,897	6,176	6,270	5,210	4,556	5,161
Construction	75,734	82,512	85,866	82,410	75,882	81,006	219,780	297,792	328,382	383,194	409,054	460,266
Manufacturing	23,706	27,155	28,999	31,184	32,445	35,933	364,442	434,386	456,292	466,830	504,901	541,475
Nondurable goods	7,447*	8,963*	10,009*	10,503*	11,877*	13,187*	99,651	110,218	114,480	121,190	139,002	152,704
Food and kindred products	1,958	2,446	2,776*	3,140*	3,475	3,604	69,923	75,154	83,866	89,014	99,626	107,727
Textile mill products	356	(D)	392	391	(D)	(D)	(D)	(D)	(D)	685	749	797
Apparel and other textile products	814	1,339	1,246	1,043	1,148	1,282	2,472	2,106	1,841	3,364	4,888	4,682
Paper and allied products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	886	(D)	(D)
Printing and publishing	4,319*	4,773*	5,471*	5,722*	6,487*	7,183*	19,934	23,929	20,239	19,088	23,222	26,980
Chemicals and allied products	0	0	0	(D)	(D)	(D)	1,294	1,292	1,218	1,218	1,662	2,041
Petroleum and coal products	0	0	0	0	0	0	117	145	253	119	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	0	0	(D)	(D)	(D)	(D)	3,411	5,002	4,052	5,271	6,756	8,279
Leather and leather products	0	(D)	(D)	(D)	0	0	1,209	1,298	1,643	1,545	1,346	1,304
Durable goods	14,409*	16,003*	(D)	(D)	18,106*	21,196*	264,791	324,168	341,812	345,640	365,899	388,771
Lumber and wood products	585	635	716	978	805	625	32,950	42,829	45,744	48,129	60,723	55,937
Furniture and fixtures	657	833	1,195	1,169	1,955	2,453	8,910	9,267	8,159	6,107	4,964	5,329
Primary metal industries	792	812	907	970	1,129	1,355	(D)	1,135	(D)	(D)	(D)	1,233
Fabricated metal products	(D)	363*	(D)	(D)	174	248	10,474	9,640	10,895	13,066	9,994	9,648
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	34,292	45,946	49,822	51,703	45,557	50,942
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	17,890	21,497	20,672	19,068	21,589	39,592
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	638
Motor vehicles and equipment	0	0	0	0	0	0	3,868	(D)	5,993	6,115	6,534	7,393
Stone, clay, and glass products	4,029*	5,010*	4,859*	4,984*	4,061*	2,773*	8,312	11,391	12,539	13,341	14,273	16,270
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	140,969	170,631	177,851	177,833	189,091	188,268
Miscellaneous manufacturing industries	1,638	1,870	(D)	(D)	(D)	(D)	6,472	8,546	9,849	9,836	12,352	13,521
Transportation and public utilities	30,824	32,136	33,730	35,639	36,162	34,393	160,710	182,028	196,594	202,519	215,045	227,849
Railroad transportation	1,246	1,039	530	407	(D)	(D)	860	471	(L)	202	340	175
Trucking and warehousing	2,728*	3,440*	3,848*	4,598*	5,758*	6,707*	(D)	51,863	52,831	56,644	(D)	67,736
Water transportation	0	0	0	0	0	0	138	(D)	(D)	(D)	334	434
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	8,620	(D)	(D)	15,232	16,396	18,235
Communication	13,622*	13,996	14,094	13,538	13,104	10,845	52,129	51,012	51,992	53,410	51,482	53,047
Electric, gas, and sanitary services	9,080	10,031	11,268	12,205	12,091	11,886	(D)	(D)	(D)	(D)	(D)	88,222
Wholesale trade	11,354	12,910	13,504	13,191*	19,486	20,466	96,218	113,181	137,740	142,629	154,192	173,164
Retail trade	90,174	97,089	109,344	120,737	126,545	136,568	308,986	349,699	377,795	402,461	439,451	475,043
Finance, insurance, and real estate	30,676	34,680	37,760	41,282	45,758	47,094	121,833	144,707	168,504	190,567	228,206	240,907
Banking and credit agencies	(D)	18,453	19,891	20,025	20,960	21,444	47,270	53,771	62,584	64,221	71,719	70,997
Other finance, insurance, and real estate[9]	(D)	16,227	17,869	21,257	24,798	25,650	74,563	90,936	105,920	126,346	156,487	169,910
Services	235,626	276,319	310,542	344,709	364,462	389,708	510,131	568,620	643,958	722,460	822,307	890,804
Hotels and other lodging places	13,165*	(D)	(D)	20,760	23,893	26,294	15,071	17,311	20,601	25,095	27,137	33,329
Personal services	8,867	9,637	12,113	12,598	13,742	14,590	29,536	32,266	42,978	45,687	50,616	54,375
Private households	5,038	5,674	5,774	5,841	5,919	6,010	12,776	14,418	14,732	14,991	15,373	15,838
Business services	68,042	81,927	97,676	106,456	107,291	109,149	86,660	99,158	124,112	133,404	158,364	179,293
Auto repair, services, and garages	6,401	7,342	8,269	8,489	8,403	8,872	40,154	47,699	55,728	60,872	67,594	73,204
Miscellaneous repair services	1,677	1,994	1,841	2,116	2,259	2,849	10,003	13,018	12,484	14,657	16,489	17,244
Amusement and recreation services	6,151*	7,140*	7,855*	7,956*	8,269*	8,475*	6,694	10,586	14,189	16,548	17,703	18,945
Motion pictures	1,198*	4,447*	3,743*	10,447*	3,125*	(D)	1,133	(D)	(D)	(D)	(D)	(D)
Health services	55,104	62,246	68,459	75,777	86,810	95,454	186,902	188,301	200,704	224,327	256,472	266,789
Legal services	19,482	25,947	31,337	31,372	33,412	37,878	24,049	29,107	33,106	38,067	43,864	48,971
Educational services	9,558	10,407	11,341	12,013	13,486	14,523	10,075	12,023	12,769	13,131	14,859	16,062
Social services	(D)	5,972	5,367	5,712	6,433	7,986	15,191	18,420	21,295	23,368	28,137	32,253
Museums, botanical, zoological gardens	(D)	(D)	(D)	305*	601*	671*	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,560	8,499	8,579	9,696	10,752	11,961	25,391	27,186	28,647	30,623	32,581	35,142
Miscellaneous services	25,574	28,809	29,881	34,579	39,311	41,230	46,496	57,603	60,954	80,131	91,200	97,335
Government and government enterprises	471,072	513,551	566,291	591,670	647,917	658,753	380,943	409,062	452,319	514,525	539,814	582,329
Federal, civilian	35,245	38,785	41,424	41,446	43,350	46,411	30,251	33,583	36,928	47,727	52,327	57,585
Military	2,523	2,593	2,597	2,967	3,542	3,566	23,813	25,467	28,014	27,224	21,703	23,317
State and local	433,304	472,173	522,270	547,257	601,025	608,776	326,879	350,012	387,377	439,574	465,784	501,427

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Sarasota, FL (MSA)						Savannah, GA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**3,535,461**	**3,953,321**	**4,410,930**	**4,776,071**	**5,246,752**	**5,759,776**	**2,561,461**	**2,770,847**	**2,943,799**	**3,177,521**	**3,374,381**	**3,578,164**
Nonfarm personal income	3,524,063	3,942,664	4,400,013	4,764,660	5,235,297	5,745,608	2,550,090	2,759,197	2,932,230	3,165,892	3,362,713	3,566,844
Farm income[1]	11,398	10,657	10,917	11,411	11,455	14,168	11,371	11,650	11,569	11,629	11,668	11,320
Population (thousands)[2]	229.1	236.8	243.5	249.3	255.2	260.6	231.3	233.5	236.9	238.1	241.6	244.4
Per capita personal income (dollars)	**15,431**	**16,698**	**18,117**	**19,160**	**20,559**	**22,100**	**11,073**	**11,866**	**12,425**	**13,345**	**13,965**	**14,642**
Derivation of total personal income:												
Total earnings by place of work	1,526,202	1,722,849	1,902,910	2,086,942	2,361,001	2,562,325	1,836,371	2,015,221	2,166,725	2,397,020	2,572,587	2,720,651
Less: Personal contributions for social insurance[3]	88,648	102,131	118,726	130,628	147,792	170,999	99,645	110,935	124,898	139,422	148,202	164,120
Plus: Adjustment for residence	−110,284	−125,417	−138,225	−153,926	−175,382	−187,572	46,542	24,717	−1,944	−45,264	−84,081	−107,660
Equals: Net earnings by place of residence	1,327,270	1,495,301	1,645,959	1,802,388	2,037,827	2,203,754	1,783,268	1,929,003	2,039,883	2,212,334	2,340,304	2,448,871
Plus: Dividends, interest, and rent[5]	1,479,252	1,688,047	1,917,076	2,068,980	2,246,997	2,503,855	359,670	407,619	440,315	470,590	511,377	564,835
Plus: Transfer payments	728,939	769,973	847,895	904,703	961,928	1,052,167	418,523	434,225	463,601	494,597	522,700	564,458
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,219,227	1,378,884	1,515,316	1,661,078	1,873,350	2,034,497	1,537,551	1,684,721	1,818,082	1,999,973	2,138,690	2,261,981
Other labor income	113,834	125,221	132,929	148,439	167,522	180,185	154,057	160,861	167,661	192,137	207,737	217,911
Proprietors' income[6]	193,141	218,744	254,665	277,425	320,129	347,643	144,763	169,639	180,982	204,910	226,160	240,759
Farm	9,075	8,369	8,693	9,256	9,257	12,017	10,265	10,560	10,504	10,587	10,576	10,232
Nonfarm	184,066	210,375	245,972	268,169	310,872	335,626	134,498	159,079	170,478	194,323	215,584	230,527
Earnings by industry:												
Farm	11,398	10,657	10,917	11,411	11,455	14,168	11,371	11,650	11,569	11,629	11,668	11,320
Nonfarm	1,514,804	1,712,192	1,891,993	2,075,531	2,349,546	2,548,157	1,825,000	2,003,571	2,155,156	2,385,391	2,560,919	2,709,331
Private	1,334,589	1,515,447	1,677,938	1,840,191	2,089,135	2,259,023	1,476,956	1,625,942	1,752,022	1,998,823	2,145,141	2,266,103
Agricultural services, forestry, fisheries, and other[7]	12,325	13,713	14,835	15,116	21,613	21,237	8,977	7,788	6,286	8,117	8,328	7,564*
Agricultural services	11,807	13,244	14,152	14,224	20,911	20,381	(D)	(D)	3,971*	4,542*	5,947*	6,222
Forestry, fisheries, and other[7]	518	469	683	892	702	856	(D)	(D)	(D)	(D)	(D)	(D)
Mining	19,979	22,968	37,351	11,228	10,689	10,070	3,763	3,954	5,062	1,706	1,659	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	34,039	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	3,292	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	187,169	226,187	250,652	271,228	291,136	302,573	117,481	136,595	146,547	211,239	216,085	215,277
Manufacturing	117,820	140,637	157,602	178,260	206,703	215,577	413,158	446,492	472,840	519,634	551,235	574,781
Nondurable goods	32,355	37,119	43,661	48,058	55,025	56,241	237,542	258,749	264,565	295,080	301,989	306,552
Food and kindred products	628	1,954	2,642	3,279	3,216	2,267	46,602*	49,779*	53,139*	58,542*	(D)	(D)
Textile mill products	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	0	0
Apparel and other textile products	897	972	1,373	1,649	2,056	1,706	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	668	(D)	(D)	(D)	(D)	1,330	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	21,395	23,482	27,162	28,322	31,741	34,143	7,442	8,427	9,212	10,498	11,187	12,862
Chemicals and allied products	2,502	2,804	3,324	3,541	3,679	3,852	36,787*	39,602*	43,543*	46,071*	47,038*	46,511*
Petroleum and coal products	174	0	0	0	0	0	17,287	18,357	19,262	24,124	24,303	18,932
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	6,020	7,044	8,273	10,355	13,284	12,943	(D)	953	1,440	1,882	2,949	2,730
Leather and leather products	(D)	0	0	(D)	(D)	0	0	0	0	0	0	0
Durable goods	85,465	103,518	113,941	130,202	151,678	159,336	175,616	187,743	208,275	224,554	249,246	268,229
Lumber and wood products	5,409	8,585	9,050	9,996	10,749	13,011	24,119	(D)	(D)	29,528	31,048	33,981
Furniture and fixtures	(D)	3,505	3,814	(D)	4,833	(D)	887	932	1,000	873	1,021	(D)
Primary metal industries	(D)	(D)	(D)	0	(D)	0	(D)	(D)	(D)	(D)	1,225	1,456
Fabricated metal products	10,533	13,249	14,038	16,209	18,619	22,378	10,184	11,473	12,378	13,071	11,510	7,393
Machinery, except electrical	12,259	13,949	16,190	19,373	23,094	20,416	7,581	3,112	5,370	6,367	6,351*	7,606
Electric and electronic equipment	32,133	36,054	40,788	45,034	52,076	54,986	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	3,013	2,966	2,825	6,091	7,343	5,819	(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	10,128	12,988	13,926	14,913	17,771	18,717	13,891	15,695*	16,856*	18,292*	20,080*	20,315
Instruments and related products	3,931	5,076	5,190	4,777	4,737	6,279	2,885	3,679	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	5,145	6,658	7,089	8,387	10,154	11,041	419	441	562	664	712	849
Transportation and public utilities	87,806	94,676	100,321	102,958	109,702	112,518	218,213	237,876	249,386	255,257	251,040	263,932
Railroad transportation	277	329	298	151	74	85	51,155	53,674	49,238	42,874	36,671	37,022
Trucking and warehousing	12,255	14,637	15,899	16,959	18,094	19,379	48,354	55,000	57,950	61,766	65,293	71,502
Water transportation	1,164	1,416	1,700	1,255	1,831	2,261	46,207	52,866	55,106	59,906	51,764	52,098
Other transportation[8]	10,418	10,660	12,360	11,804	13,457	12,340	16,063	18,474	25,977	25,924	27,411*	30,292
Communication	41,745	44,183	45,204	45,694	47,813	47,859	31,752	30,789	32,122	33,745	37,278*	39,441
Electric, gas, and sanitary services	21,947	23,451	24,860	27,095	28,433	30,594	24,682	27,073	28,993	31,042	32,099	33,577
Wholesale trade	60,163	68,567	74,822	78,544	91,861	103,689	97,982	107,954	118,149	127,652	140,028	149,731
Retail trade	270,169	291,580	318,782	350,855	382,858	420,454	191,047	214,596	230,417	247,918	265,013	277,870
Finance, insurance, and real estate	130,673	134,543	143,196	160,498	200,298	192,774	80,829	85,600	94,549	105,523	118,603	127,961
Banking and credit agencies	(D)	51,667	55,840	63,032	76,351	77,649	29,101*	31,656*	32,936*	36,678*	38,247*	41,193*
Other finance, insurance, and real estate[9]	(D)	82,876	87,356	97,466	123,947	115,125	50,840*	52,936*	60,459*	67,358*	78,786*	84,880*
Services	448,485	522,576	580,377	671,504	774,275	880,131	345,506	385,087	428,786	521,777	593,150	646,697
Hotels and other lodging places	17,672	16,358	17,552	17,296	19,910	28,285	20,174	19,350	21,570	23,649	23,672	23,318
Personal services	23,333	25,365	30,342	33,726	37,102	38,486	16,990	18,955	22,587	24,238	26,063	27,219
Private households	15,681	17,854	18,375	18,753	19,318	19,959	12,276	13,834	14,138	14,340	14,685	15,057
Business services	55,035	61,931	64,431	77,600	90,137	116,058	33,417	40,848	51,414	57,021	66,936	72,403
Auto repair, services, and garages	18,416	22,180	23,054	24,660	26,875	29,822	13,770	15,870	17,162	19,049	19,604	20,376
Miscellaneous repair services	7,487	8,437	7,869	10,403	11,033	12,026	11,037	11,354	8,446	9,022	10,559	12,391
Amusement and recreation services	31,064	34,810	39,835	42,663	45,496	41,023	4,325	4,159	4,538	4,830	5,448	4,863
Motion pictures	832	1,232	1,682	1,823	1,618	(D)	675	(D)	(D)	(D)	(D)	(D)
Health services	145,328	172,004	191,110	215,923	265,801	300,379	135,653	148,488	165,350	228,838	272,777	298,353
Legal services	37,379	42,546	46,651	53,733	61,271	70,105	21,778	26,476	29,927	33,818	37,069	41,058
Educational services	5,206	5,836	5,761	5,787	6,600	8,179	10,867*	11,304*	13,359*	14,920*	16,722*	20,715*
Social services	8,316	9,744	11,564	13,953	15,963	17,421	9,905	10,491	10,372*	11,543*	12,960*	16,031*
Museums, botanical, zoological gardens	585	565	566	599	648	(D)	405	(D)	(D)	(D)	(D)	(D)
Membership organizations	18,680	24,217	25,555	27,888	31,511	35,926	16,090*	16,681*	18,051	18,200	18,953	20,805
Miscellaneous services	63,471	79,497	96,030	126,697	140,992	160,183	36,939	45,215	50,664	60,939	66,279	72,385
Government and government enterprises	180,215	196,745	214,055	235,340	260,411	289,134	348,044	377,629	403,134	386,568	415,778	443,228
Federal, civilian	21,851	24,076	26,028	27,074	29,390	32,996	67,356	73,368	82,471	78,439	80,649	87,934
Military	2,694	2,964	3,309	3,609	3,568	3,805	71,637	76,207	77,372	79,242	85,309	89,798
State and local	155,670	169,705	184,718	204,657	227,453	252,333	209,051	228,054	243,291	228,887	249,820	265,496

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Scranton—Wilkes—Barre, PA (MSA)						Seattle, WA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,770,350**	**8,157,412**	**8,749,289**	**9,267,380**	**9,890,129**	**10,634,607**	**24,608,958**	**26,602,215**	**28,689,827**	**31,003,468**	**33,582,307**	**36,679,608**
Nonfarm personal income	7,749,626	8,121,852	8,714,996	9,233,011	9,853,531	10,600,982	24,563,684	26,555,262	28,637,184	30,939,330	33,510,294	36,616,022
Farm income[1]	20,724	35,560	34,293	34,369	36,598	33,625	45,274	46,953	52,643	64,138	72,013	63,586
Population (thousands)[2]	727.1	725.3	723.6	726.6	729.7	736.6	1,674.1	1,692.7	1,724.7	1,763.1	1,807.2	1,861.7
Per capita personal income (dollars)	**10,686**	**11,247**	**12,091**	**12,754**	**13,554**	**14,437**	**14,699**	**15,716**	**16,635**	**17,585**	**18,583**	**19,703**
Derivation of total personal income:												
Total earnings by place of work	4,817,232	5,114,590	5,492,339	5,844,066	6,345,626	6,841,325	19,294,253	20,896,917	22,613,562	24,799,323	26,891,244	29,429,075
Less: Personal contributions for social insurance[3]	302,936	332,826	371,358	401,520	426,538	484,179	1,103,192	1,212,235	1,366,004	1,538,905	1,660,532	1,891,882
Plus: Adjustment for residence	58,105	78,593	67,578	74,662	86,417	91,928	−764,425	−828,675	−915,711	−1,044,785	−1,150,057	−1,273,971
Equals: Net earnings by place of residence	4,572,401	4,860,357	5,188,559	5,517,208	6,005,505	6,449,074	17,426,636	18,856,007	20,331,847	22,215,633	24,080,655	26,263,222
Plus: Dividends, interest, and rent[4]	1,234,933	1,332,667	1,498,672	1,576,743	1,649,489	1,801,625	4,027,532	4,469,955	4,832,428	5,081,630	5,580,938	6,162,820
Plus: Transfer payments	1,963,016	1,964,388	2,062,058	2,173,429	2,235,135	2,383,908	3,154,790	3,276,253	3,525,552	3,706,205	3,920,714	4,253,566
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,818,487	4,040,204	4,328,706	4,599,192	4,991,203	5,389,855	16,074,031	17,409,487	18,807,188	20,618,865	22,348,124	24,546,949
Other labor income	413,349	419,851	436,149	466,743	505,533	549,229	1,643,115	1,710,757	1,774,144	1,939,884	2,083,857	2,265,337
Proprietors' income[5]	585,396	654,535	727,484	778,131	848,890	902,241	1,577,107	1,776,673	2,032,230	2,240,574	2,459,263	2,616,789
Farm	14,083	29,067	27,826	27,954	29,819	26,802	28,286	30,228	36,289	47,990	54,961	46,469
Nonfarm	571,313	625,468	699,658	750,177	819,071	875,439	1,548,821	1,746,445	1,995,941	2,192,584	2,404,302	2,570,320
Earnings by industry:												
Farm	20,724	35,560	34,293	34,369	36,598	33,625	45,274	46,953	52,643	64,138	72,013	63,586
Nonfarm	4,796,508	5,079,030	5,458,046	5,809,697	6,309,028	6,807,700	19,248,979	20,849,964	22,560,919	24,735,185	26,819,231	29,365,489
Private	4,076,006	4,314,418	4,643,667	4,969,348	5,406,018	5,858,722	16,691,078	18,100,687	19,603,811	21,600,942	23,488,872	25,796,781
Agricultural services, forestry, fisheries, and other[7]	16,473	16,496	19,468	19,993	26,910	29,941	180,935	143,656	228,357	308,012	343,304	408,301
Agricultural services	(D)	(D)	(D)	(D)	24,776	(D)	70,133	74,372	76,029	81,604	114,842	127,802
Forestry, fisheries, and other[7]	1,333*	(D)	1,930*	2,391*	2,134	2,235*	110,802	69,284	152,328	226,408	228,462	280,499
Mining	34,081	38,671	43,380	30,769	27,044	24,981	47,016	51,663	70,834	35,530	36,107	38,502
Coal mining	21,872*	25,322*	23,274*	21,282*	17,400*	14,472	(D)	(D)	1,602*	1,035	(D)	1,769
Oil and gas extraction	10,248	10,792	17,556	6,444	6,171	6,092*	35,774	39,136	57,956	21,895	21,759	21,555
Metal mining	(L)	(L)	(L)	(L)	63	(L)	(D)	(D)	105*	313	(D)	1,952
Nonmetallic minerals, except fuels	1,836*	(D)	(D)	(D)	(D)	(D)	(D)	10,479	11,100	12,287	12,137	13,226
Construction	389,076	313,523	366,401	380,348	431,936	500,590	1,295,620	1,448,070	1,446,242	1,642,072	1,772,909	1,954,413
Manufacturing	1,294,324	1,406,728	1,464,461	1,515,918	1,594,792	1,661,021	4,666,451	5,053,075	5,508,230	6,241,194	6,680,615	7,329,619
Nondurable goods	726,742	772,051	797,517	816,128	851,802	910,238	731,753	772,166	805,692	858,839	910,389	968,606
Food and kindred products	90,656*	98,326*	103,824*	111,005*	119,415*	127,880*	271,651	262,297	273,749	281,762	293,503	310,776
Textile mill products	64,946*	67,251*	71,421*	86,867*	96,653*	104,205*	3,115*	3,440*	5,909	(D)	8,154	7,928
Apparel and other textile products	211,544	214,710	203,851	178,175	172,735	184,016	57,160	64,630	62,426	60,766	59,981	59,115
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	107,741*	118,731*	128,500*	137,456*	150,083*	168,777*	213,615	233,029	253,074	280,525	306,251	346,154
Chemicals and allied products	23,641*	25,727*	29,315*	(D)	37,687*	42,889*	36,568	36,647*	40,035*	44,013*	41,257*	44,104*
Petroleum and coal products	3,262	551	587	(D)	702	(D)	5,228	5,841	4,068	4,079	4,665	6,491
Tobacco manufactures	15,089*	15,381*	(D)	11,371	(D)	(D)	(L)	54	(L)	(D)	64	(L)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	89,764*	35,910	45,964	46,529	52,863	60,569	66,225
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	3,642*	4,435*	3,135*	3,642*	4,016	4,441*
Durable goods	567,582	634,677	666,944	699,790	742,990	750,783	3,934,698	4,280,909	4,702,538	5,382,355	5,770,226	6,361,013
Lumber and wood products	(D)	(D)	41,317	49,710*	56,317	(D)	285,189	283,617	273,422	278,338	303,512	330,514
Furniture and fixtures	20,031*	20,432*	22,619*	23,722*	25,328*	25,202*	31,982	37,715	41,255	41,259	46,650	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	65,177	68,358*	71,316	71,320	67,144	69,137
Fabricated metal products	155,141*	170,731*	184,729*	185,812*	185,209*	191,708	155,343	166,877	160,164	168,677	183,128	196,707
Machinery, except electrical	84,847*	89,741*	90,314*	93,224	100,293	102,791*	174,894	190,578	225,364	216,353	227,269	291,260
Electric and electronic equipment	(D)	(D)	117,032*	131,172*	142,804*	133,472*	222,304	212,328	224,770	240,804	266,581	278,513
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,933,234	3,303,310	3,935,280	4,132,221	4,507,447
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	42,822*	45,530*	37,241	54,891	125,188	134,602*
Stone, clay, and glass products	57,297*	68,900*	70,510*	73,024*	82,853*	84,120*	89,978	93,330	95,140	94,326	104,996	124,744
Instruments and related products	40,420*	43,827*	45,317*	43,456*	44,618*	48,755*	163,359	184,310	209,840	216,992	241,860	286,482
Miscellaneous manufacturing industries	37,331	44,799	43,035	43,991	44,748	38,681*	48,782	58,738	60,716	64,115	71,677	83,757
Transportation and public utilities	390,405	424,370	438,726	474,459	498,955	536,196	1,706,318	1,813,226	1,903,306	1,990,042	2,074,092	2,251,539
Railroad transportation	12,339	11,566*	9,695*	10,625	13,442*	10,562	88,626	(D)	87,621	85,252	87,111	81,611
Trucking and warehousing	146,009	155,429*	155,344*	169,548*	196,053	209,701	281,087	309,430	(D)	(D)	(D)	(D)
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	183,941	199,834	197,196	186,035	193,851	207,783
Other transportation[8]	33,378	37,323*	38,920*	45,563*	45,280*	51,600*	501,461	566,018	606,624	668,554	690,660	754,855
Communication	79,059*	86,327*	88,653*	95,065	96,541*	106,278*	553,301	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	108,833*	(D)	(D)	(D)	(D)	(D)	97,902	106,996	119,158	120,893	111,412	128,662
Wholesale trade	253,013	271,524	293,910	318,248	359,622	402,538	1,553,360	1,707,908	1,782,597	1,875,466	1,988,722	2,197,738
Retail trade	518,610	544,106	575,778	625,205	664,575	731,002	2,085,113	2,176,827	2,277,908	2,407,840	2,587,677	2,821,796
Finance, insurance, and real estate	186,045	201,050	211,667	235,837	269,219	295,957	1,445,138	1,539,996	1,620,096	1,825,746	2,003,347	2,166,088
Banking and credit agencies	(D)	98,387*	105,699*	117,202*	126,123*	136,639*	515,996	556,806	597,047	681,051	718,421	752,242
Other finance, insurance, and real estate[9]	(D)	100,637*	103,688*	115,850*	139,863*	141,582*	929,142	983,190	1,023,049	1,144,695	1,284,926	1,413,846
Services	993,979	1,097,950	1,229,876	1,368,571	1,532,965	1,676,496	3,711,127	4,166,266	4,766,241	5,275,040	6,002,099	6,628,785
Hotels and other lodging places	59,217	63,990*	72,650*	88,124*	99,128*	105,428*	124,862	122,501	128,803	129,280	149,379	156,114
Personal services	47,157	49,808	65,212*	74,690*	84,267*	91,994	197,009	219,290	262,368	275,603	299,103	320,334
Private households	10,579	11,705	11,675	11,628	11,686	11,817	38,977	43,619	44,185	44,463	45,337	46,661
Business services	86,608	98,238	124,892	139,851	159,219	180,376	654,819	787,279	922,815	1,041,727	1,328,230	1,485,322
Auto repair, services, and garages	50,683	59,265	68,121	75,856	81,083	89,615	178,773	214,727	245,347	268,826	286,852	313,422
Miscellaneous repair services	17,696	21,145	19,713	21,021	22,153	25,149	94,621	109,315	113,437	123,958	137,229	156,597
Amusement and recreation services	15,343*	19,474	23,230	23,733	27,282	29,309	116,904	140,130	159,690	168,516	184,189	200,440
Motion pictures	(D)	(D)	(D)	(D)	2,297*	(D)	16,707*	21,213*	22,173*	26,534*	26,590*	27,152*
Health services	447,480	490,985	526,819	568,667	643,943	696,755	1,117,427	1,164,064	1,315,228	1,438,191	1,630,171	1,817,415
Legal services	39,505	48,226	54,125	62,899	69,934	80,516	359,923	411,625	481,173	554,075	598,305	659,896
Educational services	62,934	67,830	73,710	77,875*	84,355*	90,475*	91,562	100,467	118,070	121,204	134,387	152,133
Social services	39,422*	39,224	45,641	52,469*	62,546*	69,848*	98,971	117,306	127,375	137,426	153,326	169,797
Museums, botanical, zoological gardens	(D)	242*	655*	757*	948*	(D)	2,401*	2,652*	3,113*	3,479*	4,208*	5,012*
Membership organizations	47,410	50,327	51,506	55,664	59,131	64,311	160,524	168,326	172,905	189,530	200,602	220,716
Miscellaneous services	67,291	74,517	87,306	104,953	117,150	129,026	456,668	541,814	647,303	749,808	821,444	894,776
Government and government enterprises	720,502	764,612	814,379	840,349	903,010	948,978	2,557,901	2,749,277	2,957,108	3,134,243	3,330,359	3,568,708
Federal, civilian	208,034	228,394	243,497	239,449	263,574	261,616	516,013	560,947	597,254	598,604	631,219	684,822
Military	23,520	21,171	23,743	25,187	25,352	26,247	106,137	103,904	115,957	125,096	123,962	124,973
State and local	488,948	515,047	547,139	575,713	614,084	661,115	1,935,751	2,084,426	2,243,897	2,410,543	2,575,178	2,758,913

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Sharon, PA (MSA)						Sheboygan, WI (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,304,704**	**1,372,006**	**1,408,444**	**1,430,243**	**1,497,162**	**1,608,140**	**1,209,882**	**1,333,003**	**1,383,127**	**1,459,505**	**1,546,926**	**1,664,863**
Nonfarm personal income	1,301,493	1,360,601	1,398,823	1,420,478	1,481,631	1,597,275	1,202,440	1,315,862	1,365,666	1,436,497	1,522,530	1,648,955
Farm income[1]	3,211	11,405	9,621	9,765	15,531	10,865	7,442	17,141	17,461	23,008	24,396	15,908
Population (thousands)[2]	127.1	126.0	124.0	123.8	122.8	122.4	102.3	102.7	102.7	102.0	102.4	103.0
Per capita personal income (dollars)	**10,265**	**10,892**	**11,356**	**11,551**	**12,189**	**13,140**	**11,831**	**12,974**	**13,463**	**14,309**	**15,112**	**16,165**
Derivation of total personal income:												
Total earnings by place of work	847,174	905,103	905,140	899,225	949,752	1,026,632	833,282	942,837	967,032	1,029,267	1,096,621	1,189,688
Less: Personal contributions for social insurance[3]	52,340	57,465	60,634	61,318	63,131	72,461	52,715	59,292	63,915	67,113	71,102	81,868
Plus: Adjustment for residence	3,864	8,577	11,779	21,977	23,974	25,144	31,051	29,936	35,504	37,485	40,274	39,904
Equals: Net earnings by place of residence	798,698	856,215	856,285	859,884	910,595	979,315	811,618	913,481	938,621	999,639	1,065,793	1,147,724
Plus: Dividends, interest, and rent[4]	218,072	233,595	251,569	255,119	262,531	286,583	213,214	234,689	248,343	254,970	268,925	293,825
Plus: Transfer payments	287,934	282,196	300,590	315,240	324,036	342,242	185,050	184,833	196,163	204,896	212,208	223,314
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	662,677	701,308	703,009	691,402	722,457	787,237	690,135	774,384	794,970	838,747	889,989	976,002
Other labor income	89,317	90,879	87,827	85,778	91,002	99,421	80,203	87,449	86,143	92,924	100,163	110,733
Proprietors' income[6]	95,180	112,916	114,304	122,045	136,293	139,974	62,944	81,004	85,919	97,596	106,469	102,953
Farm	1,472	9,698	7,948	8,121	13,798	9,132	2,105	11,898	12,282	17,926	19,065	10,595
Nonfarm	93,708	103,218	106,356	113,924	122,495	130,842	60,839	69,106	73,637	79,670	87,404	92,358
Earnings by industry:												
Farm	3,211	11,405	9,621	9,765	15,531	10,865	7,442	17,141	17,461	23,008	24,396	15,908
Nonfarm	843,963	893,698	895,519	889,460	934,221	1,015,767	825,840	925,696	949,571	1,006,259	1,072,225	1,173,780
Private	759,774	806,186	803,580	793,617	833,547	908,998	736,992	828,679	847,152	899,391	961,741	1,055,975
Agricultural services, forestry, fisheries, and other[7]	2,491	2,282	2,014	1,984	4,048	4,572	3,307	3,232	3,157	2,888	4,213	4,413
Agricultural services	2,348	2,161	1,854	1,818	3,911	4,423	3,143	3,075	2,966	2,742	4,057	4,250
Forestry, fisheries, and other[7]	143	121	160	166	137	149	164	157	191	146	156	163
Mining	18,084	17,998	20,706	16,754	14,962	15,207	1,964	2,078	2,643	1,002	1,090	1,062
Coal mining	15,379	15,266	16,762	14,418	12,596	12,773	0	0	0	0	0	0
Oil and gas extraction	1,810	1,777	2,722	950	865	1,023	(D)	(D)	(D)	(D)	749	723
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	148	(D)
Nonmetallic minerals, except fuels	895	955	1,222	1,386	1,501	1,411	(D)	(D)	(D)	(D)	193	(D)
Construction	35,070	38,546	37,583	41,640	42,137	46,892	44,513	49,692	50,870	57,059	60,065	64,356
Manufacturing	315,517	341,644	316,474	286,191	302,904	344,875	394,324	460,129	464,939	492,561	521,045	580,912
Nondurable goods	20,588	22,441	24,019	25,880	29,071	32,559	108,622	118,541	118,307	139,760	152,119	170,640
Food and kindred products	11,338	12,235	12,760	13,434	15,118	16,544	41,198	45,139	45,872	48,727	53,191	53,996
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	0	0	0	(D)	(D)	(D)	11,106	12,743	12,642	14,884	15,725	16,547
Printing and publishing	3,196	3,314	3,542	4,000	4,739	5,445	8,336	11,784	12,403	12,779	14,270	14,525
Chemicals and allied products	3,202	3,437	3,984	(D)	(D)	6,081	15,452	(D)	(D)	17,822	18,337	19,069
Petroleum and coal products	1,063	1,119	1,183	1,234	1,207	1,158	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	523	1,120	1,267	1,372	1,652	1,703	15,808	19,106	18,728	33,521	39,242	50,884
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	8,950	5,087	3,807	2,889	2,184	5,964
Durable goods	294,929	319,203	292,455	260,311	273,833	312,316	285,702	341,588	346,632	352,801	368,926	410,272
Lumber and wood products	1,540	2,081	2,142	2,644	3,135	3,698	30,055	36,628	39,404	46,421	54,567	60,668
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	12,173	13,882	15,267	15,426	17,444	17,580
Primary metal industries	186,901	187,217	185,322	175,830	191,215	209,923	13,368	16,446	17,385	17,773	17,244	22,761
Fabricated metal products	19,632	36,600	34,050	20,273	21,809	28,277	117,509	151,335	158,890	171,975	185,611	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	26,716	32,373	77,570	84,462	75,880	71,243	68,441	60,251
Electric and electronic equipment	(D)	39,698	10,716	7,472	8,545	10,191	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	(D)	1,285	1,934	2,004	2,974	3,567	0	0	0	0	0	0
Stone, clay, and glass products	3,258	3,395	3,958	3,751	4,336	4,722	(D)	(D)	12,182	13,365	14,190	3,755
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	145	128	201	897	837	1,083	14,165	19,635	21,718	10,656	5,443	5,589
Transportation and public utilities	56,988	62,632	61,691	53,964	52,438	55,003	31,759	35,637	36,263	38,297	40,484	42,242
Railroad transportation	10,137	10,839	10,772	8,563	6,385	5,963	1,137	930	732	818	861	859
Trucking and warehousing	23,637	27,418	25,223	20,211	20,466	22,419	11,810	13,865	14,704	15,892	17,164	18,305
Water transportation	(L)	(D)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	5,863	(D)	6,794	7,320	7,014	7,746	(D)	(D)	(D)	(D)	(D)	(D)
Communication	6,305	5,977	6,006	5,688	5,903	6,016	7,561	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	11,061	11,826	12,904	12,193	12,677	12,856	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	35,951	38,173	41,091	43,265	45,308	48,322	23,711	25,458	27,558	31,263	33,608	37,112
Retail trade	93,037	91,208	94,682	100,089	102,800	109,292	84,927	87,613	90,834	93,508	97,365	102,197
Finance, insurance, and real estate	24,430	25,028	24,728	26,478	30,839	31,398	34,906	36,749	33,126	36,130	44,535	51,856
Banking and credit agencies	15,669	16,700	17,293	18,594	19,838	20,048	15,882	17,670	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	8,761	8,328	7,435	7,884	11,001	11,350	19,024	19,079	(D)	(D)	(D)	(D)
Services	178,206	188,675	204,611	223,252	238,111	253,437	117,581	128,091	137,762	146,683	159,336	171,825
Hotels and other lodging places	4,009	3,667	4,144	4,671	4,752	4,414	1,555	(D)	(D)	(D)	(D)	(D)
Personal services	8,953	9,486	11,956	13,433	14,098	15,078	6,509	7,011	9,204	9,954	10,633	11,139
Private households	1,458	1,601	1,599	1,595	1,606	1,624	1,465	1,617	1,622	1,617	1,630	1,657
Business services	15,464	17,928	19,682	24,053	26,821	30,032	15,021	16,871	19,497	20,997	23,384	26,483
Auto repair, services, and garages	10,250	13,061	13,779	15,393	16,137	17,438	6,121	7,024	7,156	7,088	7,133	8,067
Miscellaneous repair services	3,191	4,154	4,133	3,072	3,634	3,584	2,257	2,855	2,483	2,945	2,583	3,088
Amusement and recreation services	1,827	2,142	2,647	3,301	3,755	3,824	2,273	2,498	2,814	3,147	3,279	3,398
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	132	(D)	(D)	(D)	(D)	(D)
Health services	91,075	93,150	99,358	105,625	109,977	114,886	52,955	54,691	57,802	60,835	66,188	68,545
Legal services	5,963	6,828	7,732	8,432	8,837	9,798	4,018	4,767	5,256	5,785	6,117	6,758
Educational services	11,105	12,500	13,638	14,683	15,981	16,868	4,123	4,689	5,070	5,699	6,013	6,397
Social services	8,117	7,596	8,787	10,129	11,421	12,820	1,713	1,995	2,314	2,488	2,802	3,495
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	7,845	8,068	7,942	8,355	9,103	10,061	5,584	6,016	6,016	6,185	6,514	6,843
Miscellaneous services	8,926	8,311	8,984	10,327	11,843	12,847	13,855	16,187	16,833	17,938	21,077	23,917
Government and government enterprises	84,189	87,512	91,939	95,843	100,674	106,769	88,848	97,017	102,419	106,868	110,484	117,805
Federal, civilian	8,017	8,385	8,668	8,291	8,568	9,379	5,266	5,519	5,945	6,238	6,789	7,035
Military	3,741	3,223	3,494	3,718	3,774	3,875	2,829	3,419	3,999	4,193	4,483	4,661
State and local	72,431	75,904	79,777	83,834	88,332	93,515	80,753	88,079	92,475	96,437	99,212	106,109

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Sherman—Denison, TX (MSA)						Shreveport, LA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,067,340**	**1,165,983**	**1,242,390**	**1,296,922**	**1,341,693**	**1,405,151**	**3,950,713**	**4,247,227**	**4,490,190**	**4,490,728**	**4,552,744**	**4,724,622**
Nonfarm personal income	1,056,292	1,151,173	1,236,544	1,289,340	1,332,879	1,396,936	3,934,092	4,232,607	4,474,907	4,471,992	4,531,281	4,698,922
Farm income[1]	11,048	14,810	5,846	7,582	8,814	8,215	16,621	14,620	15,283	18,736	21,463	25,700
Population (thousands)[2]	93.8	95.3	96.8	99.1	98.5	97.9	352.0	357.9	362.6	366.2	363.2	359.1
Per capita personal income (dollars)	**11,375**	**12,231**	**12,831**	**13,083**	**13,623**	**14,347**	**11,222**	**11,866**	**12,382**	**12,262**	**12,534**	**13,156**
Derivation of total personal income:												
Total earnings by place of work	724,194	800,839	844,337	889,199	921,090	965,265	3,007,430	3,260,280	3,379,294	3,315,850	3,355,292	3,436,414
Less: Personal contributions for social insurance[3]	39,399	44,131	49,605	52,827	54,796	60,579	161,025	177,544	193,672	203,935	204,635	220,268
Plus: Adjustment for residence	7,637	9,010	7,586	2,603	−339	−2,153	−173,816	−181,628	−185,119	−192,652	−198,062	−185,661
Equals: Net earnings by place of residence	692,432	765,718	802,318	838,975	865,955	902,533	2,672,589	2,901,108	3,000,503	2,919,263	2,952,595	3,030,485
Plus: Dividends, interest, and rent[4]	178,810	199,286	225,121	230,128	236,016	253,070	668,792	723,638	783,250	792,087	800,413	856,589
Plus: Transfer payments	196,098	200,979	214,951	227,819	239,722	249,548	609,332	622,481	706,437	779,378	799,736	837,548
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	573,548	633,570	678,504	707,630	730,360	766,854	2,448,552	2,655,875	2,746,372	2,675,259	2,700,065	2,757,792
Other labor income	66,971	70,791	71,768	77,094	80,199	85,174	263,522	273,136	270,269	262,640	266,804	275,799
Proprietors' income[6]	83,675	96,478	94,065	104,475	110,531	113,237	295,356	331,269	362,653	377,951	388,423	402,823
Farm	10,181	13,955	5,011	6,772	7,978	7,394	12,397	10,541	11,281	14,789	17,318	21,546
Nonfarm	73,494	82,523	89,054	97,703	102,553	105,843	282,959	320,728	351,372	363,162	371,105	381,277
Earnings by industry:												
Farm	11,048	14,810	5,846	7,582	8,814	8,215	16,621	14,620	15,283	18,736	21,463	25,700
Nonfarm	713,146	786,029	838,491	881,617	912,276	957,050	2,990,809	3,245,660	3,364,011	3,297,114	3,333,829	3,410,714
Private	633,830	701,854	748,018	784,144	821,767	866,831	2,455,381	2,679,035	2,755,439	2,654,496	2,665,104	2,717,657
Agricultural services, forestry, fisheries, and other[7]	2,124	2,008	2,126	2,004	2,557	2,813	12,851	12,688	12,632	11,418	14,454	16,580
Agricultural services	1,958	1,937	1,942	1,746	2,383	2,623	11,785	11,909	11,941	10,849	13,998	16,041
Forestry, fisheries, and other[7]	166	71	184	258	174	190	1,066	779	691	569	456	539
Mining	9,189	11,198	9,287	7,121	5,504	5,642	191,513	180,419	172,689	139,230	122,486	117,925
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	2,230	(D)	(D)	(D)	7,931	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	189,073	173,833	164,212	126,144	110,147	112,506
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	1,589	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	221	(D)	(D)	(D)	(D)	162
Construction	46,852	47,427	54,769	60,957	65,592	63,386	220,481	235,101	237,171	221,204	209,427	200,576
Manufacturing	271,489	302,235	319,922	334,499	337,209	367,872	496,011	598,778	614,371	544,446	540,883	567,351
Nondurable goods	87,563	84,237	86,779	99,096	99,975	114,756	116,055	114,981	120,226	130,773	138,279	139,422
Food and kindred products	57,577	49,490	56,040	68,517	69,713	84,346	19,679*	17,668	18,831	18,973	15,561	15,577*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,699	8,075	4,411	4,750	4,283	4,217	(D)	(D)	(D)	4,045	4,526	(D)
Paper and allied products	3,932	4,352	4,294	4,102	3,696	3,890	1,237	1,448	5,072	(D)	(D)	(D)
Printing and publishing	3,927	4,588	5,278	5,514	5,633	5,109	25,154	25,526	25,823	25,417	29,910	30,474
Chemicals and allied products	(D)	(D)	(D)	(D)	0	0	14,133*	13,764*	23,551	27,478	27,406	28,161
Petroleum and coal products	3,186	5,914	5,096	3,302	3,008	909	39,569	38,958	27,503	27,549	31,908	31,605
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	2,164	6,156	11,981	14,319	(D)	(D)	(D)	15,278	15,908	(D)
Leather and leather products	(D)	(D)	290	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	183,926	217,998	233,143	235,403	237,234	253,116	379,956	483,797	494,145	413,673	402,604	427,929
Lumber and wood products	4,254	6,189	5,501	2,432	2,260	2,284	15,906	16,446	13,529	10,745	9,961	9,338
Furniture and fixtures	(D)	(D)	1,546	2,213	1,364	1,358	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	16,621	22,092	25,255	24,574	23,822	25,022	(D)	18,494	(D)	(D)	9,892	10,233
Fabricated metal products	17,361	20,800	15,849	15,196	17,054	18,031	35,524	34,060	31,895	26,854	27,965	34,414
Machinery, except electrical	10,565	11,576	11,813	9,687	9,260	10,897	(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)	5,611	6,160	6,993	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	16,254	20,263	26,341	26,495	(D)	(D)	32,785	34,550	33,194	35,223	34,640	35,415
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,518	3,052*	2,861*	2,712*	4,777*	1,783*
Miscellaneous manufacturing industries	647	786	813	543	520	(D)	6,220	8,365	7,822	7,666	7,945	3,835
Transportation and public utilities	64,855	66,421	66,293	71,387	71,939	69,001	247,244	264,390	276,423	268,340	270,389	271,140
Railroad transportation	28,522	28,785	25,690	26,867	28,739	25,453	36,554	44,042	48,488	42,887	37,139*	36,912
Trucking and warehousing	8,178	8,794	8,799	9,312	9,763	10,129	56,753	66,826	64,978	64,480	69,583	73,548
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	18,872*	(D)	(D)	(D)	(D)	(D)
Communication	15,708	15,443	16,183	16,525	16,282	16,328	67,702	65,810	67,643	66,280	69,876	65,732
Electric, gas, and sanitary services	11,621	12,381	14,238	16,267	14,909	14,216	66,446	69,324	74,467	73,355	71,733	75,820
Wholesale trade	25,048	26,621	26,880	26,401	24,704	23,895	202,771	217,310	219,766	207,803	205,436	204,270
Retail trade	76,749	85,683	90,350	91,670	91,993	93,261	303,211	320,424	325,338	319,633	321,172	329,473
Finance, insurance, and real estate	23,315	28,495	32,836	33,428	38,084	39,422	153,651	163,870	171,341	176,644	175,454	167,493
Banking and credit agencies	12,336	15,104	17,792	15,534	16,139	16,613	66,807	71,407	76,967	78,101	71,749	63,361
Other finance, insurance, and real estate[9]	10,979	13,391	15,044	17,894	21,945	22,809	86,844	92,463	94,374	98,543	103,705	104,132
Services	114,209	131,766	145,555	156,677	184,185	201,539	627,648	686,055	725,708	765,778	805,403	842,849
Hotels and other lodging places	2,618	(D)	(D)	(D)	2,248	3,455	16,524	17,922	16,863	15,086	14,391	12,446
Personal services	6,825	7,244	8,941	9,629	9,855	10,455	36,200	37,224	42,821	42,161	42,155	43,283
Private households	1,819	2,041	2,076	2,104	2,122	2,145	27,445	30,517	30,663	30,543	30,259	30,169
Business services	10,766	13,975	17,167	19,207	20,156	21,506	89,144	97,332	102,439	107,511	111,995	113,558
Auto repair, services, and garages	6,004	6,889	7,738	8,003	8,512	8,592	26,842	31,189	33,002	33,452	32,426	34,407
Miscellaneous repair services	2,677	2,713	2,288	2,186	2,408	2,556	16,604	18,429	16,766	16,066	13,682	15,716
Amusement and recreation services	2,944	4,071	4,652	4,597	4,269	2,710	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	338	315	229	148	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	56,003	65,206	69,284	75,233	98,157	111,890	253,020	269,464	293,048	310,854	347,604	369,411
Legal services	5,597	6,413	7,510	9,126	9,866	10,252	41,951	49,006	53,686	61,724	64,770	67,676
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	14,025	16,150	16,647	18,634	20,068	21,885
Social services	2,491	2,692	3,037	3,087	3,389	4,038	12,362	13,902	15,806	16,826	15,735	16,230
Museums, botanical, zoological gardens	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,846	4,891	5,315	5,809	6,352	6,941	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	5,686	6,785	7,721	8,451	9,340	9,032	53,048	60,155	59,500	65,073	63,134	66,088
Government and government enterprises	79,316	84,175	90,473	97,473	90,509	90,219	535,428	566,625	608,572	642,618	668,725	693,057
Federal, civilian	6,602	6,728	7,129	7,182	7,212	7,851	97,981	105,110	109,299	110,305	123,130	136,627
Military	1,575	1,567	1,753	1,871	2,079	2,185	121,244	122,597	127,639	143,668	154,909	154,203
State and local	71,139	75,880	81,591	88,420	81,218	80,183	316,203	338,918	371,634	388,645	390,686	402,227

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Sioux City, IA—NE (MSA)						Sioux Falls, SD (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,311,248**	**1,377,300**	**1,432,393**	**1,471,870**	**1,578,629**	**1,659,232**	**1,374,890**	**1,495,450**	**1,588,345**	**1,677,903**	**1,791,464**	**1,918,466**
Nonfarm personal income	1,314,990	1,354,805	1,406,756	1,433,295	1,524,856	1,623,263	1,370,532	1,479,500	1,556,320	1,646,681	1,753,142	1,885,570
Farm income[1]	−3,742	22,495	25,637	38,575	53,773	35,969	4,358	15,950	32,025	31,222	38,322	32,896
Population (thousands)[2]	117.5	117.6	117.0	115.3	114.4	115.7	115.0	118.5	121.5	121.5	123.0	125.5
Per capita personal income (dollars)	**11,163**	**11,714**	**12,238**	**12,763**	**13,796**	**14,341**	**11,954**	**12,615**	**13,073**	**13,807**	**14,562**	**15,285**
Derivation of total personal income:												
Total earnings by place of work	968,591	1,026,656	1,059,499	1,098,225	1,204,365	1,259,888	1,119,693	1,229,030	1,303,441	1,379,594	1,479,431	1,590,835
Less: Personal contributions for social insurance[3]	61,860	64,785	70,902	74,594	80,631	89,972	75,046	82,270	91,599	98,131	104,086	117,323
Plus: Adjustment for residence	−54,671	−55,858	−55,435	−60,588	−69,726	−73,158	−63,155	−67,334	−69,791	−74,968	−80,623	−84,834
Equals: Net earnings by place of residence	852,060	906,013	933,162	963,043	1,054,008	1,096,758	981,492	1,079,426	1,142,051	1,206,495	1,294,722	1,388,678
Plus: Dividends, interest, and rent[4]	238,721	245,316	257,568	257,187	262,699	285,393	223,020	235,885	249,906	261,597	274,241	295,791
Plus: Transfer payments	220,467	225,971	241,663	251,640	261,922	277,081	170,378	180,139	196,388	209,811	222,501	233,997
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	761,710	779,897	810,161	833,707	900,944	957,242	899,846	975,316	1,026,620	1,084,562	1,153,724	1,250,916
Other labor income	83,175	80,283	80,019	83,366	89,208	94,493	91,620	95,412	95,483	102,211	108,573	117,607
Proprietors' income[6]	123,706	166,476	169,319	181,152	214,213	208,153	128,227	158,302	181,338	192,821	217,134	222,312
Farm	−8,010	18,339	21,557	34,563	49,623	31,862	2,034	13,662	29,778	29,018	36,009	30,591
Nonfarm	131,716	148,137	147,762	146,589	164,590	176,291	126,193	144,640	151,560	163,803	181,125	191,721
Earnings by industry:												
Farm	−3,742	22,495	25,637	38,575	53,773	35,969	4,358	15,950	32,025	31,222	38,322	32,896
Nonfarm	972,333	1,004,161	1,033,862	1,059,650	1,150,592	1,223,919	1,115,335	1,213,080	1,271,416	1,348,372	1,441,109	1,557,939
Private	862,151	890,003	914,575	936,011	1,020,280	1,082,501	994,058	1,084,068	1,135,456	1,204,450	1,287,845	1,392,504
Agricultural services, forestry, fisheries, and other[7]	19,929	17,877	14,837	11,488	23,869	26,447	12,546	11,533	10,522	8,517	16,072	17,728
Agricultural services	19,798	17,758	14,714	11,349	23,753	26,322	12,293	11,420	10,031	7,712	15,525	17,115
Forestry, fisheries, and other[7]	131	119	123	139	116	125	253	113	491	805	547	613
Mining	2,205	2,169	2,930	1,178	867	876	4,446	3,772	4,485	3,087	3,356	3,406
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	1,822*	1,814*	2,503*	(D)	724*	694*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	248*	205*	225*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	55,692	61,765	60,651	63,544	69,528	78,436	61,958	75,029	74,415	77,535	85,771	97,473
Manufacturing	231,596	227,162	241,314	238,915	257,532	270,016	186,744	191,489	175,095	197,135	188,714	200,479
Nondurable goods	183,630	172,285	184,443	180,134	201,796	211,380	137,536	129,631	119,760	136,994	127,189	135,705
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	110,730	100,736	87,863	104,030	91,192	95,856
Textile mill products	(D)	(D)	(D)	(D)	403*	(D)	76	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)	(D)	5,405	(D)	(D)	(D)	3,669	(D)	(D)	4,593	5,687
Printing and publishing	5,720	5,992	6,572	6,429*	7,118	7,184	10,815	11,569	12,484	13,799	15,266	15,166
Chemicals and allied products	14,871*	15,223*	17,661*	19,396	20,498	19,870	(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	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	3,532	4,323	818	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	47,966	54,877	56,871	58,781	55,736	58,636	49,208	61,858	55,335	60,141	61,525	64,774
Lumber and wood products	1,248	(D)	(D)	(D)	958	1,090	3,322	4,198	4,624	6,105	8,172	10,857
Furniture and fixtures	0	0	0	0	(D)	(D)	(D)	875	1,132	1,366	1,038	915
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	6,875*	6,968*	7,349*	7,720*	7,287*	(D)	11,531	10,338	10,593	11,721	12,421	12,653
Machinery, except electrical	15,854*	18,373*	19,296*	18,378*	18,652*	19,978*	7,129	8,858	8,500	9,475	10,296	8,793
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	0	0	(D)	(D)	(D)	(D)	169	972	(D)	(D)
Motor vehicles and equipment	14,644	18,029	20,975	23,140	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,489
Stone, clay, and glass products	(D)	(D)	3,157*	(D)	4,235*	4,665*	6,712	7,302	7,350	7,779	4,532	4,850
Instruments and related products	766	550	508	455	452	565	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	976	1,276	1,234	1,399	1,437	1,458
Transportation and public utilities	99,964	102,180	100,410	104,845	102,408	107,114	125,901	141,254	145,528	150,361	155,517	165,720
Railroad transportation	15,740	15,915	12,976	13,159	13,543	11,804	4,009	4,655	4,224	3,434	2,666	2,868
Trucking and warehousing	31,069	33,723	33,336	35,747	35,112	37,811	(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	17,555	15,572	17,154	17,491	14,182	14,778	35,023	34,414	35,586	36,452	40,174	41,179
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	6,057	8,137	9,624	7,099	5,893	6,151
Wholesale trade	67,213	67,886	68,105	69,690	73,423	78,847	103,074	110,750	112,807	112,560	121,851	140,427
Retail trade	101,779	107,044	104,424	106,015	110,287	116,193	128,542	138,685	146,663	145,638	156,463	168,717
Finance, insurance, and real estate	55,077	56,654	59,944	63,198	67,640	68,037	93,873	108,386	128,758	138,585	145,612	153,466
Banking and credit agencies	21,013	(D)	(D)	21,178	21,412	21,048	42,630	53,106	70,160	75,156	78,191	82,987
Other finance, insurance, and real estate[9]	34,064	(D)	(D)	42,020	46,228	46,989	51,243	55,280	58,598	63,429	67,421	70,479
Services	228,696	247,266	261,960	277,138	314,726	336,535	276,974	303,170	337,183	371,032	414,489	445,088
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,235	6,859	7,820	7,892	8,518	9,630
Personal services	10,908	12,856	14,809	15,709	16,267	17,194	15,816	16,090	18,797	19,410	20,103	22,030
Private households	2,749	3,048	3,032	2,990	2,978	3,014	2,335	2,593	2,626	2,612	2,631	2,658
Business services	37,518	42,078	45,031	47,196	61,564	65,804	36,548	41,207	53,169	55,610	61,235	57,562
Auto repair, services, and garages	8,421	9,925	10,598	11,163	11,485	12,454	8,889	10,073	10,607	12,100	13,329	15,544
Miscellaneous repair services	4,075	4,752	4,387	6,000	5,928	5,240	4,631	5,543	5,536	6,310	6,146	7,332
Amusement and recreation services	2,796	3,027	3,715	3,748	4,034	4,137	3,964	4,309	4,998	5,552	6,067	6,175
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	567	609	641	(D)	(D)	(D)
Health services	110,563	113,578	116,412	121,498	139,780	150,966	139,378	149,490	161,459	172,949	201,611	219,839
Legal services	13,396	16,524	19,805	21,753	22,495	23,984	11,582	14,040	15,138	17,705	18,886	20,989
Educational services	8,755	9,472	10,476	11,840	12,803	13,529	(D)	(D)	(D)	19,955	21,654	23,332
Social services	6,061*	6,498*	7,917*	8,677*	9,660*	10,940*	8,946	10,215	11,491	16,922	18,661	18,871
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,251	7,656	7,521	7,527	7,748	8,286	8,946	9,541	10,212	11,208	11,088	12,007
Miscellaneous services	10,634	12,071	13,100	14,037	14,629	15,519	13,807	15,903	17,013	22,133	23,944	28,391
Government and government enterprises	110,182	114,158	119,287	123,639	130,312	141,418	121,277	129,012	135,960	143,922	153,264	165,435
Federal, civilian	23,313	24,146	25,730	25,214	26,330	28,442	47,116	50,173	50,870	53,167	56,708	62,649
Military	2,235	2,143	2,267	2,649	2,907	3,008	4,159	4,140	4,377	5,050	5,586	5,696
State and local	84,634	87,869	91,290	95,776	101,075	109,968	70,002	74,699	80,713	85,705	90,970	97,090

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	South Bend—Mishawaka, IN (MSA)						Spokane, WA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,744,591**	**3,017,386**	**3,159,242**	**3,364,264**	**3,606,846**	**3,845,579**	**3,904,834**	**4,203,909**	**4,385,054**	**4,577,559**	**4,834,765**	**5,122,570**
Nonfarm personal income	2,747,325	3,008,842	3,151,870	3,354,892	3,596,991	3,835,196	3,863,192	4,171,851	4,357,180	4,533,733	4,790,325	5,074,391
Farm income[1]	−2,734	8,544	7,372	9,372	9,855	10,383	41,642	32,058	27,874	43,826	44,440	48,179
Population (thousands)[2]	239.3	240.6	241.5	241.7	243.1	244.2	348.6	354.1	356.7	355.9	355.5	356.4
Per capita personal income (dollars)	**11,470**	**12,540**	**13,083**	**13,917**	**14,837**	**15,745**	**11,200**	**11,873**	**12,293**	**12,863**	**13,598**	**14,373**
Derivation of total personal income:												
Total earnings by place of work	1,936,327	2,149,131	2,261,247	2,404,077	2,598,364	2,778,504	2,712,176	2,934,390	3,005,438	3,152,614	3,344,829	3,505,837
Less: Personal contributions for social insurance[3]	111,156	124,316	137,857	147,620	158,572	178,524	155,880	170,109	184,223	197,581	209,973	230,496
Plus: Adjustment for residence	55,396	70,492	61,235	80,382	94,979	96,000	−64,855	−67,815	−68,281	−72,375	−76,554	−73,937
Equals: Net earnings by place of residence	1,880,567	2,095,307	2,184,625	2,336,839	2,534,771	2,695,980	2,491,441	2,696,466	2,752,934	2,882,658	3,058,302	3,201,404
Plus: Dividends, interest, and rent[5]	462,839	510,286	537,383	551,279	579,861	632,598	685,438	745,142	789,594	818,207	855,859	942,138
Plus: Transfer payments	401,185	411,793	437,234	476,146	492,214	517,001	727,955	762,301	842,526	876,694	920,604	979,028
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,613,570	1,786,896	1,883,230	2,001,339	2,166,544	2,320,511	2,233,492	2,425,926	2,489,658	2,594,567	2,742,607	2,865,973
Other labor income	179,877	189,343	187,718	197,228	209,301	219,272	201,248	211,478	203,251	210,267	219,227	230,249
Proprietors' income[6]	142,880	172,892	190,299	205,510	222,519	238,721	277,436	296,986	312,529	347,780	382,995	409,615
Farm	−5,501	5,816	4,719	6,779	7,172	7,744	35,921	26,402	22,433	38,555	39,001	42,828
Nonfarm	148,381	167,076	185,580	198,731	215,347	230,977	241,515	270,584	290,096	309,225	343,994	366,787
Earnings by industry:												
Farm	−2,734	8,544	7,372	9,372	9,855	10,383	41,642	32,058	27,874	43,826	44,440	48,179
Nonfarm	1,939,061	2,140,587	2,253,875	2,394,705	2,588,509	2,768,121	2,670,534	2,902,332	2,977,564	3,108,788	3,300,389	3,457,658
Private	1,751,371	1,943,252	2,043,664	2,168,314	2,344,447	2,511,728	2,158,027	2,355,178	2,388,445	2,501,106	2,653,126	2,784,045
Agricultural services, forestry, fisheries, and other[7]	6,059	7,047	6,340	6,541	8,739	9,858	8,360	8,387	7,953	7,705	11,181	13,022
Agricultural services	5,987	7,016	6,279	6,458	8,680	9,792	7,367	7,742	7,286	7,036	10,581	12,308
Forestry, fisheries, and other[7]	72	(L)	61	83	59	66	993	645	667	669	600	714
Mining	3,751	3,848	5,338	2,086	2,119	2,155	11,994	12,845	14,062	10,650	12,044	16,715
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,077	5,348	7,669	2,432	2,410	2,315
Metal mining	0	0	0	0	0	0	4,711	4,577	3,535	4,005	5,378	9,118
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,196	2,901	2,842	4,201	4,250	5,276
Construction	102,707	130,311	133,039	148,594	161,634	178,301	181,314	214,844	193,062	188,685	191,102	210,715
Manufacturing	624,990	685,291	691,477	694,905	722,979	744,951	420,714	457,510	423,179	464,379	481,656	529,564
Nondurable goods	156,576	188,600	196,889	180,700	202,884	206,729	88,269	89,342	85,886	99,348	96,577	95,508
Food and kindred products	12,858	14,906	15,784	17,555	20,043	19,555	35,793	34,852	30,113	37,664	32,588	27,232
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,764	1,631	1,404	(D)	1,575	(D)	5,102	5,237	5,393	6,141	7,349	7,751
Paper and allied products	7,698	8,888	8,779	9,675	10,607	11,757	5,363	6,053	6,623	8,630	7,821	7,734
Printing and publishing	22,153	23,896	25,804	26,374	28,683	31,028	27,695	29,307	30,093	32,853	33,754	35,193
Chemicals and allied products	20,731	28,712	33,859	14,932	16,381	16,500	10,601	9,404	9,197	8,821	9,496	11,218
Petroleum and coal products	0	0	0	0	0	(D)	0	0	0	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	87,835	105,655	107,476	107,052	120,673	121,445	(D)	2,804	2,487	2,705	2,759	2,562
Leather and leather products	3,537	4,912	3,783	(D)	4,922	4,645	1,397	(D)	(D)	(D)	1,641	1,994
Durable goods	468,414	496,691	494,588	514,205	520,095	538,222	332,445	368,168	337,293	365,031	385,079	434,056
Lumber and wood products	5,838	6,811	7,826	8,086	9,609	10,168	17,632	18,562	18,993	19,684	21,216	22,484
Furniture and fixtures	691	1,478	2,510	1,456	1,393	1,854	3,483	4,013	4,225	4,074	4,648	5,094
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	117,453	125,906	101,659	97,432	102,110	132,856
Fabricated metal products	32,362	40,958	40,965	48,246	53,307	58,222	20,996	21,535	19,222	20,149	21,402	24,549
Machinery, except electrical	105,711	103,223	106,968	111,424	114,298	120,278	87,636	97,084	90,513	115,711	115,851	121,442
Electric and electronic equipment	28,294	35,973	36,355	39,255	41,634	46,496	13,350	15,528	16,327	16,548	16,578	18,273
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	11,203	12,917	14,048	17,702	25,467	31,628
Motor vehicles and equipment	154,408	167,321	156,984	134,463	109,291	106,870	4,891	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,075	6,994	7,541	8,075	9,005	10,136	15,062	17,508	17,565	16,872	18,012	18,960
Instruments and related products	1,993	2,422	2,354	19,322	22,937	24,784	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,975	3,952	4,492	5,063	5,756	5,062	(D)	14,599	13,327	12,943	11,099	11,769
Transportation and public utilities	124,197	129,180	135,751	149,183	161,117	173,387	206,402	221,309	224,263	231,065	236,336	242,634
Railroad transportation	2,909	2,860	2,464	2,613	2,864	2,543	51,740	55,074	50,732	50,431	52,429	46,754
Trucking and warehousing	62,736	66,093	67,265	76,374	82,704	90,158	43,171	52,004	51,477	55,221	60,122	69,550
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	8,056	10,764	13,858	16,911	19,070	22,119	(D)	(D)	(D)	(D)	(D)	(D)
Communication	30,650	29,033	30,742	32,870	35,774	36,770	52,260	51,377	52,295	53,129	53,519	54,452
Electric, gas, and sanitary services	19,850	20,435	21,425	20,419	20,708	21,796	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	139,532	154,467	164,630	173,472	188,206	206,269	234,016	249,076	258,667	262,698	275,500	276,783
Retail trade	203,088	219,533	229,924	243,207	265,198	284,080	334,308	357,144	362,293	366,689	384,749	393,840
Finance, insurance, and real estate	94,812	101,589	110,421	122,973	142,745	149,313	173,498	179,580	183,022	213,913	234,287	208,031
Banking and credit agencies	45,825	50,895	55,770	61,921	66,703	67,282	78,808	82,526	87,912	96,391	100,089	90,558
Other finance, insurance, and real estate[9]	48,987	50,694	54,651	61,052	76,042	82,031	94,690	97,054	95,110	117,522	134,198	117,473
Services	452,235	511,986	566,744	627,353	691,710	763,414	587,421	654,483	721,944	755,322	826,271	892,741
Hotels and other lodging places	7,693	7,960	8,650	8,632	9,571	10,214	19,644	18,952	18,030	15,962	17,757	17,688
Personal services	21,661	23,105	27,295	29,681	33,149	36,569	33,829	35,522	40,442	42,862	46,014	49,703
Private households	4,445	4,929	4,932	4,903	4,937	4,993	(D)	(D)	(D)	(D)	(D)	(D)
Business services	58,784	70,017	86,939	95,276	101,986	116,376	66,699	82,529	94,886	91,211	100,368	111,637
Auto repair, services, and garages	16,731	23,630	27,615	29,985	34,066	37,592	32,097	38,816	42,452	44,504	44,839	46,432
Miscellaneous repair services	13,435	16,316	15,176	16,459	13,629	15,716	16,048	19,113	18,861	18,643	20,495	23,006
Amusement and recreation services	4,187	4,991	5,674	6,590	7,004	7,833	12,166	13,900	13,925	14,600	15,537	16,286
Motion pictures	1,495	1,593	1,544	1,413	1,236	1,243	2,411	2,099	2,483	2,865	2,773	3,388
Health services	166,764	183,899	199,101	220,457	256,413	275,627	247,606	264,773	296,999	317,843	358,765	386,514
Legal services	15,697	18,686	20,353	22,348	23,944	28,039	37,223	44,737	52,517	60,908	61,803	71,793
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	28,805	30,824	32,066	33,945	36,613	40,142
Social services	14,209	15,682	16,936	18,653	21,050	22,964	14,686	15,984	17,078	19,203	21,246	23,653
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	18,874	19,121	18,804	19,150	20,647	22,285	31,756	33,583	34,281	31,276	31,856	33,670
Miscellaneous services	32,956	38,483	43,131	49,005	50,360	55,114	37,312	45,599	49,838	53,410	59,883	60,274
Government and government enterprises	187,690	197,335	210,211	226,391	244,062	256,393	512,507	547,154	589,119	607,682	647,263	673,613
Federal, civilian	28,486	30,606	33,170	34,286	36,573	39,859	105,262	108,359	114,033	112,641	121,785	125,018
Military	7,108	7,266	7,937	9,107	9,598	9,865	88,144	95,224	101,347	102,835	109,569	108,417
State and local	152,096	159,463	169,104	182,998	197,891	206,669	319,101	343,571	373,739	392,206	415,909	440,178

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Springfield, IL (MSA)						Springfield, MO (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,321,798**	**2,530,594**	**2,679,033**	**2,844,237**	**3,066,313**	**3,270,620**	**2,324,689**	**2,554,357**	**2,749,354**	**2,964,502**	**3,156,998**	**3,373,491**
Nonfarm personal income	2,313,530	2,472,996	2,608,191	2,792,044	3,011,600	3,233,257	2,314,322	2,540,244	2,735,509	2,946,731	3,141,670	3,354,348
Farm income[1]	8,268	57,598	70,842	52,193	54,713	37,363	10,367	14,113	13,845	17,771	15,328	19,143
Population (thousands)[2]	189.2	189.9	190.4	189.7	190.3	191.7	213.3	217.0	221.3	226.3	230.9	234.3
Per capita personal income (dollars)	**12,270**	**13,329**	**14,069**	**14,993**	**16,110**	**17,059**	**10,898**	**11,773**	**12,425**	**13,099**	**13,672**	**14,400**
Derivation of total personal income:												
Total earnings by place of work	1,707,693	1,874,302	1,993,332	2,165,625	2,378,791	2,519,671	1,770,076	1,961,171	2,107,265	2,285,944	2,430,942	2,586,777
Less: Personal contributions for social insurance[3]	104,007	111,006	122,937	137,637	150,217	166,274	103,207	115,367	130,865	142,609	150,684	167,686
Plus: Adjustment for residence	−80,162	−75,441	−80,341	−109,112	−126,468	−121,602	−131,193	−136,953	−142,754	−158,916	−167,621	−163,567
Equals: Net earnings by place of residence	1,523,524	1,687,855	1,790,054	1,918,876	2,102,106	2,231,795	1,535,676	1,708,851	1,833,646	1,984,419	2,112,637	2,255,524
Plus: Dividends, interest, and rent[5]	416,945	447,267	460,397	475,786	490,555	535,599	430,041	478,131	511,320	541,370	579,825	628,392
Plus: Transfer payments	381,329	395,472	428,582	449,575	473,652	503,226	358,972	367,375	404,388	438,713	464,536	489,575
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,397,362	1,492,015	1,585,776	1,746,069	1,922,383	2,050,863	1,406,135	1,551,096	1,664,176	1,786,188	1,886,975	2,005,870
Other labor income	125,273	128,981	132,037	146,440	164,434	175,095	136,120	144,922	150,208	164,186	172,238	181,916
Proprietors' income[6]	185,058	253,306	275,519	273,116	291,974	293,713	227,821	265,153	292,881	335,570	371,729	398,991
Farm	−215	49,290	62,494	43,878	45,906	28,525	7,204	10,983	10,853	14,886	12,386	16,278
Nonfarm	185,273	204,016	213,025	229,238	246,068	265,188	220,617	254,170	282,028	320,684	359,343	382,713
Earnings by industry:												
Farm	8,268	57,598	70,842	52,193	54,713	37,363	10,367	14,113	13,845	17,771	15,328	19,143
Nonfarm	1,699,425	1,816,704	1,922,490	2,113,432	2,324,078	2,482,308	1,759,709	1,947,058	2,093,420	2,268,173	2,415,614	2,567,634
Private	1,208,793	1,287,218	1,360,238	1,499,062	1,664,935	1,775,711	1,544,431	1,712,888	1,845,126	2,001,953	2,129,796	2,254,435
Agricultural services, forestry, fisheries, and other[7]	6,499	6,125	4,919	4,582	8,071	9,190	19,705	17,315	15,075	13,381	28,779	32,060
Agricultural services	6,160	5,825	4,767	4,543	8,010	9,133	19,373	16,952	14,850	13,305	28,683	31,967
Forestry, fisheries, and other[7]	339	300	152	(L)	61	57	332	363	225	76	96	93
Mining	5,091	5,132	6,432	3,384	3,692	3,317	4,157	4,538	5,911	3,822	3,716	4,073
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	65	142	124	115	56	55
Oil and gas extraction	3,730*	3,661*	4,970*	2,094*	2,232*	1,760*	2,379	2,456	3,507	1,069	(D)	(D)
Metal mining	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Nonmetallic minerals, except fuels	700	724	683	751	875	993	(D)	(D)	(D)	(D)	(D)	(D)
Construction	98,804	115,728	109,826	116,918	128,067	141,183	91,402	111,018	131,856	152,068	163,430	168,162
Manufacturing	118,214	115,604	114,777	101,171	100,963	107,992	373,695	412,351	431,590	467,909	462,058	482,237
Nondurable goods	56,916	56,480	61,467	59,868*	57,887*	53,045*	185,058	196,792	208,457	227,235	216,947	225,251
Food and kindred products	28,804*	26,651*	27,369*	26,693*	24,208*	24,827*	87,367	90,057	95,441	109,795	103,470	107,150
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	0	0	39,170*	39,879*	(D)	(D)	39,450*	41,696*
Printing and publishing	14,755*	15,710*	18,590*	19,188*	20,300*	21,132*	17,832	19,696	21,598	23,388	25,293	28,315
Chemicals and allied products	(D)	(D)	11,931	11,313	(D)	4,858	10,686	11,402	12,760	14,771*	16,910*	16,966*
Petroleum and coal products	0	(D)	285	216	191	186	(D)	(D)	156	190	154	153
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,921	2,244	2,382	1,777	1,331	1,242	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	(D)	(D)	0	0	0
Durable goods	61,298	59,124	53,310	39,354*	41,291*	54,290*	188,637	215,559	223,133	240,674	245,111	256,986
Lumber and wood products	1,486	1,609	1,410	1,652	1,684*	1,660*	7,015	8,070	9,273	11,520	11,962	11,967
Furniture and fixtures	1,140	1,162	(D)	(D)	(D)	1,682	5,209*	5,768*	6,317*	6,877*	7,766*	(D)
Primary metal industries	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,214	3,296	3,220	3,049	3,208	3,973	11,507*	12,831*	16,013*	18,018*	19,293*	18,347*
Machinery, except electrical	(D)	(D)	18,698	5,017	4,708	6,418	34,799*	36,963	41,223	44,746	43,939	52,647
Electric and electronic equipment	(D)	(D)	(D)	14,414*	15,301*	11,102*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	0	0	(D)	15,515*	20,692*	21,430*	22,411*	26,474*	26,035*
Stone, clay, and glass products	2,256*	2,535*	2,176*	2,883	3,088	3,352	6,176*	7,891*	9,311*	13,709	12,844	11,904
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	174*	832	1,278	1,500	883	720
Miscellaneous manufacturing industries	479	(D)	603	745	(D)	1,252	(D)	3,427*	3,860*	4,432	5,195	5,062*
Transportation and public utilities	122,247	131,995	146,571	185,822	227,063	244,565	185,302	200,329	199,655	202,980	210,248	208,572
Railroad transportation	5,020	4,689	(D)	(D)	(D)	3,002	62,623	63,313	53,963	50,207	47,421	42,929
Trucking and warehousing	17,907	19,946	30,147	36,505	38,841	44,392	75,528	87,759	91,403	91,038	102,741	110,540
Water transportation	−91	−108	−62	−84	−52	(L)	(D)	(D)	(D)	0	(D)	(D)
Other transportation[8]	(D)	6,946*	(D)	(D)	(D)	(D)	7,206*	8,206*	(D)	14,753*	(D)	(D)
Communication	(D)	65,893*	68,598*	100,885*	142,559*	(D)	35,150	34,353*	36,702*	36,842*	36,245*	33,029*
Electric, gas, and sanitary services	33,845	34,510	37,149	37,126	33,397	34,977	(D)	(D)	7,116	8,889	7,101	(D)
Wholesale trade	92,587	98,555	98,416	101,915	116,486	132,443	153,364	168,217	181,283	186,883	205,120	224,490
Retail trade	172,853	177,427	186,650	206,810	240,796	250,773	221,656	242,275	258,431	267,870	291,896	310,797
Finance, insurance, and real estate	153,757	158,586	163,838	181,264	203,131	206,494	72,012	83,607	90,410	105,101	108,377	116,944
Banking and credit agencies	(D)	44,026*	46,112	53,147	55,832	55,283*	26,678*	31,826	34,148	38,278	37,302*	40,903*
Other finance, insurance, and real estate[9]	(D)	112,275*	117,726	128,117	147,299	148,588*	42,280*	51,781	56,262	66,823	65,452*	69,899*
Services	438,741	478,066	528,809	597,196	636,666	679,754	423,138	473,238	530,915	601,939	656,172	707,100
Hotels and other lodging places	9,935*	10,393*	13,678*	16,086*	18,955*	16,481	8,263	8,496*	11,606*	11,284	11,814*	13,224*
Personal services	22,809	24,193	30,105	33,831	35,073	38,413	22,833	25,337	31,670	34,582	39,379	39,466
Private households	6,802	7,553	7,565	7,518	11,501	11,490*	5,334	5,937	5,973	5,972	5,958*	6,114
Business services	59,895	72,507	82,806	102,353	106,190	110,752	66,176	77,658	94,817	106,478	115,491	119,925
Auto repair, services, and garages	12,680	14,121	16,352	17,768	18,506	19,627	24,858	29,826	33,773	39,466	41,459	41,060
Miscellaneous repair services	(D)	(D)	(D)	(D)	(D)	(D)	7,786	9,360	7,196	8,346	9,083	10,692
Amusement and recreation services	4,549*	6,460	7,418	8,361	6,790	7,209	4,339	5,255	5,872	6,994	7,835	8,117
Motion pictures	2,177	2,386	2,792	3,743	4,116	5,273	685	843	745	695	549	555
Health services	211,596	222,707	234,880	256,213	280,084	286,258	201,455	216,584	233,601	261,593	291,055	323,494
Legal services	22,477	23,882	27,146	30,453	30,423	34,952	19,966	25,840	31,220	37,066	37,811	42,345
Educational services	6,113	6,821	7,708	8,071	9,747	13,792	(D)	(D)	(D)	(D)	(D)	(D)
Social services	12,008*	15,640*	21,208*	25,548*	20,778*	28,633*	8,428	9,295	9,391	9,493	10,073	11,635
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	33,990	34,103	37,524	40,276	43,585	48,214	12,904	12,475*	12,789*	14,826	15,373	16,466
Miscellaneous services	29,217	32,694	35,516	41,927	45,308	51,279	28,369	33,285	38,434	50,671	54,467	57,409
Government and government enterprises	490,632	529,486	562,252	614,370	659,143	706,597	215,278	234,170	248,294	266,220	285,818	313,199
Federal, civilian	52,579	57,051	59,689	59,869	62,826	68,946	43,563	46,960	49,998	50,607	55,252	63,088
Military	3,257	3,829	6,187	6,470	5,568	5,701	7,378	8,011	8,739	9,659	10,064	10,593
State and local	434,796	468,606	496,376	548,031	590,749	631,950	164,337	179,199	189,557	205,954	220,502	239,518

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Springfield, MA (NECMA)						State College, PA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**6,900,619**	**7,541,995**	**8,014,299**	**8,623,616**	**9,392,452**	**10,236,302**	**1,099,181**	**1,193,228**	**1,265,067**	**1,356,900**	**1,488,871**	**1,612,924**
Nonfarm personal income	6,882,760	7,518,984	7,992,720	8,589,115	9,371,078	10,209,889	1,092,196	1,180,086	1,256,188	1,347,725	1,476,957	1,602,348
Farm income[1]	17,859	23,011	21,579	34,501	21,374	26,413	6,985	13,142	8,879	9,175	11,914	10,576
Population (thousands)[2]	581.5	584.2	585.3	581.9	587.8	592.3	114.2	113.3	114.2	113.6	114.7	115.7
Per capita personal income (dollars)	**11,868**	**12,909**	**13,692**	**14,821**	**15,980**	**17,283**	**9,623**	**10,527**	**11,074**	**11,941**	**12,985**	**13,945**
Derivation of total personal income:												
Total earnings by place of work	4,391,525	4,829,106	5,201,992	5,648,037	6,217,947	6,795,950	833,745	925,253	970,690	1,041,874	1,161,557	1,263,133
Less: Personal contributions for social insurance[3]	248,891	274,874	309,355	349,809	375,291	426,553	46,121	53,812	57,409	65,387	67,930	76,796
Plus: Adjustment for residence	308,311	344,952	365,268	401,732	443,047	459,599	−46,803	−46,972	−51,241	−52,529	−64,580	−71,552
Equals: Net earnings by place of residence	4,450,945	4,899,184	5,257,905	5,699,960	6,285,703	6,828,996	740,821	824,469	862,040	923,958	1,029,047	1,114,785
Plus: Dividends, interest, and rent[5]	1,113,336	1,261,435	1,313,942	1,365,658	1,471,032	1,626,712	159,125	173,372	189,243	203,884	219,963	240,507
Plus: Transfer payments	1,336,338	1,381,376	1,442,452	1,557,998	1,635,717	1,780,594	199,235	195,387	213,784	229,058	239,861	257,632
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,638,124	3,996,329	4,305,578	4,654,414	5,138,244	5,625,040	663,957	731,518	769,339	829,846	922,376	1,004,693
Other labor income	391,621	414,625	421,647	452,526	495,193	536,789	76,895	82,717	84,790	89,420	100,165	112,402
Proprietors' income[6]	361,780	418,152	474,767	541,097	584,510	634,121	92,893	111,018	116,561	122,608	139,016	146,038
Farm	11,283	16,540	15,275	28,340	14,956	20,029	4,756	10,965	6,705	7,004	9,591	8,218
Nonfarm	350,497	401,612	459,492	512,757	569,554	614,092	88,137	100,053	109,856	115,604	129,425	137,820
Earnings by industry:												
Farm	17,859	23,011	21,579	34,501	21,374	26,413	6,985	13,142	8,879	9,175	11,914	10,576
Nonfarm	4,373,666	4,806,095	5,180,413	5,613,536	6,196,573	6,769,537	826,760	912,111	961,811	1,032,699	1,149,643	1,252,557
Private	3,624,042	4,014,360	4,293,904	4,668,332	5,158,843	5,645,541	510,930	572,980	605,493	649,162	727,410	796,166
Agricultural services, forestry, fisheries, and other[7]	13,483	14,291	16,892	19,899	25,454	28,681	3,793	3,618	3,669	3,823	6,119	7,120
Agricultural services	12,309	13,521	16,043	18,969	24,456	27,638	3,324	3,122	3,339	3,690	5,958	6,961
Forestry, fisheries, and other[7]	1,174	770	849	930	998	1,043	469	496	330	133	161	159
Mining	11,420	12,292	16,656	9,037	7,875	7,890	14,386	16,134	12,391	9,561	6,942	6,588
Coal mining	(D)	(D)	(D)	(D)	(L)	(L)	11,404	12,746	9,159	7,910	5,815	5,185
Oil and gas extraction	8,034	8,636	12,049	3,455	(D)	(D)	1,813	2,335	2,646	914	833	1,045
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	3,316*	3,586*	4,502*	5,547*	4,528*	4,759*	1,169	1,053	586	737	294	358
Construction	213,350	250,597	296,397	359,774	451,065	500,771	40,737	44,867	50,341	59,021	74,377	83,353
Manufacturing	1,260,270	1,387,647	1,397,337	1,426,965	1,471,259	1,535,890	141,887	162,282	164,050	164,863	172,613	190,241
Nondurable goods	574,021	624,890	634,125	652,699	698,986	722,739	35,350	40,191	43,136	44,689	41,160	41,659
Food and kindred products	(D)	(D)	(D)	59,588	62,746	63,550	(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	20,775	21,371	17,631	15,379	15,852	14,603	12,738	14,770	15,111	14,193	13,869	14,253
Paper and allied products	183,088	201,327	206,473	219,583	237,786	251,904	0	0	0	0	0	0
Printing and publishing	109,536	117,093	124,683	138,694	154,259	160,490	8,864	9,978	11,513	12,900	13,628	14,273
Chemicals and allied products	91,469	98,920	102,105	96,205	95,419	97,017	4,039	5,113	6,032	6,403	6,584	6,872
Petroleum and coal products	4,363*	4,442*	5,493*	4,079	5,295	4,936	0	0	0	0	0	(D)
Tobacco manufactures	0	0	0	0	0	0	6,904	7,013	6,700	6,775	1,689	(D)
Rubber and misc. plastic products	66,868	73,053	70,171	75,108	84,845	88,835	(D)	(D)	(D)	(D)	(D)	1,789
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	686,249	762,757	763,212	774,266	772,273	813,151	106,537	122,091	120,914	120,174	131,453	148,582
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	2,696	1,160	1,372	1,032	1,340	1,470
Furniture and fixtures	6,083	6,900	6,321*	8,589	9,731	10,303	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	42,186	49,067	48,429	51,739	51,820	52,544	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	179,065	193,952	185,664	185,458	201,466	203,235	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	176,719*	199,998*	219,687	220,614	210,638	230,603	14,164	14,432	15,547	15,547	16,191	18,524
Electric and electronic equipment	60,266*	74,777*	75,511*	82,925	82,508	90,264	20,652	25,799	23,861	22,947	27,448	36,298
Transportation equip. excl. motor vehicles	23,441*	24,521*	21,431*	25,880*	24,705*	24,468*	0	0	0	0	0	0
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	(D)	15,222*	(D)	(D)	31,554	36,967	37,390	38,548	42,854	48,155
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	12,602	13,959	15,180	15,616	17,605	20,022
Miscellaneous manufacturing industries	95,793	101,916	102,767	111,288	110,085*	122,845*	164	189	196	164	102	(D)
Transportation and public utilities	252,589	260,432	273,631	278,413	308,371	326,873	37,994	43,483	43,672	42,760	48,105	52,773
Railroad transportation	9,751	12,223	10,563	9,848	(D)	(D)	(D)	1,186	995	941	913	(D)
Trucking and warehousing	77,748	87,691	93,459	92,329	101,997	107,796	18,902	23,803	23,680	22,588	24,178	26,444
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	39,761	(D)	(D)	(D)	(D)	(D)	3,233	(D)	(D)	(D)	4,422	(D)
Communication	(D)	70,237	72,511	74,840	83,962	86,101	10,241	9,970	10,451	9,964	14,131	15,311
Electric, gas, and sanitary services	44,001	50,006	54,641	57,304	61,828	68,377	(D)	(D)	(D)	(D)	4,463	4,893
Wholesale trade	219,475	257,314	258,610	289,697	333,592	385,515	18,478	20,298	18,283	16,617	20,635	23,942
Retail trade	446,572	490,539	539,833	598,028	660,944	721,880	84,970	87,215	87,191	94,223	105,323	116,675
Finance, insurance, and real estate	273,738	291,846	317,157	363,767	420,499	473,916	26,139	27,664	30,358	35,734	46,364	48,043
Banking and credit agencies	82,576	87,116	(D)	(D)	(D)	128,143	12,459	13,074	14,476	16,729	17,922	18,856
Other finance, insurance, and real estate[9]	191,162	204,730	211,167*	244,051*	289,825*	345,773	13,680	14,590	15,882	19,005	28,442	29,187
Services	933,145	1,049,402	1,177,391	1,322,752	1,479,784	1,664,125	142,546	167,419	195,538	222,560	246,932	267,431
Hotels and other lodging places	16,234	17,233	18,378	19,440	21,644	27,488	5,483	5,555	6,043	6,972	9,569	9,855
Personal services	45,137	49,255	61,085	66,597	71,953	80,708	7,239	7,807	10,074	12,150	13,638	14,978
Private households	8,281	9,196	9,238	9,197	9,252	9,365	1,285	1,418	1,415	1,410	1,417	1,433
Business services	107,597	124,865	148,473	171,146	184,698	209,360	56,757	68,426	83,832	96,727	102,468	106,686
Auto repair, services, and garages	40,457	47,910	56,014	65,687	73,283	80,319	5,608	6,398	6,659	6,914	7,196	8,170
Miscellaneous repair services	15,388	17,084	18,582	21,931	24,226	27,971	(D)	2,543	2,030	2,102	2,202	2,536
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	1,907	2,068	2,378	2,708	3,205	3,883
Motion pictures	3,002	2,959	3,119	3,243	(D)	3,083	(D)	224	338	278	291	333
Health services	380,029	419,459	456,715	496,826	567,128	641,176	35,745	42,513	50,182	55,332	63,964	69,999
Legal services	49,694	63,099	71,574	83,440	94,064	108,368	4,557	4,932	5,316	5,960	6,544	7,402
Educational services	116,052	125,503	136,384	151,119	162,450	172,248	2,108	2,570	2,632	2,649	3,008	3,100
Social services	53,338	62,641	73,593	83,553	98,104	109,229	3,488	3,783	4,356	4,955	5,287	6,279
Museums, botanical, zoological gardens	419*	469*	664*	806*	(D)	539*	0	0	0	0	0	0
Membership organizations	37,753	39,181	39,758	43,571	46,534	51,918	7,580	8,167	8,395	9,059	9,696	10,295
Miscellaneous services	44,256	52,908	64,003	84,342	98,236	116,499	8,641	11,015	11,888	15,344	18,447	22,482
Government and government enterprises	749,624	791,735	886,509	945,204	1,037,730	1,123,996	315,830	339,131	356,318	383,537	422,233	456,391
Federal, civilian	143,368	154,080	168,567	171,150	181,197	197,664	10,833	10,721	11,039	10,998	11,543	12,559
Military	16,864	16,719	17,110	19,262	19,780	20,686	5,121	4,981	5,737	8,457	7,462	7,471
State and local	589,392	620,936	700,832	754,792	836,753	905,646	299,876	323,429	339,542	364,082	403,228	436,361

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Steubenville—Weirton, OH—WV (MSA)						Stockton, CA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,587,908**	**1,651,768**	**1,665,626**	**1,741,736**	**1,784,429**	**1,916,759**	**4,347,825**	**4,813,954**	**5,215,057**	**5,619,447**	**6,018,515**	**6,464,584**
Nonfarm personal income	1,585,195	1,648,316	1,662,500	1,738,728	1,780,720	1,913,581	4,192,984	4,602,356	5,002,788	5,368,682	5,764,089	6,204,284
Farm income[1]	2,713	3,452	3,126	3,008	3,709	3,178	154,841	211,598	212,269	250,765	254,426	260,300
Population (thousands)[2]	158.7	157.8	156.8	150.9	148.8	147.7	385.2	397.9	414.9	429.4	443.8	455.7
Per capita personal income (dollars)	**10,006**	**10,467**	**10,620**	**11,542**	**11,991**	**12,978**	**11,288**	**12,099**	**12,569**	**13,087**	**13,561**	**14,186**
Derivation of total personal income:												
Total earnings by place of work	1,162,340	1,197,225	1,172,903	1,260,503	1,282,420	1,440,014	2,842,944	3,199,957	3,463,454	3,774,600	4,095,459	4,380,965
Less: Personal contributions for social insurance[3]	70,079	73,247	76,053	82,150	83,229	97,684	159,914	178,313	203,103	222,793	243,335	273,153
Plus: Adjustment for residence	−105,600	−114,894	−99,840	−123,353	−120,258	−186,762	7,766	16,175	19,055	15,372	8,363	9,900
Equals: Net earnings by place of residence	986,661	1,009,084	997,010	1,055,000	1,078,933	1,155,568	2,690,796	3,037,819	3,279,406	3,567,179	3,860,487	4,117,712
Plus: Dividends, interest, and rent[4]	260,425	289,253	291,290	301,142	304,017	328,707	735,479	808,641	865,254	905,818	947,774	1,041,499
Plus: Transfer payments	340,822	353,431	377,326	385,594	401,479	432,484	921,550	967,494	1,070,397	1,146,450	1,210,254	1,305,373
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	940,416	968,879	951,438	1,018,677	1,032,282	1,162,100	2,197,522	2,431,594	2,647,371	2,863,483	3,105,022	3,323,385
Other labor income	148,929	146,384	139,051	153,267	155,779	178,504	227,010	244,772	255,708	278,169	304,190	331,909
Proprietors' income[5]	72,995	81,962	82,414	88,559	94,359	99,410	418,412	523,591	560,375	632,948	686,247	725,671
Farm	2,071	2,820	2,506	2,397	3,067	2,537	80,802	136,335	138,687	178,859	175,162	178,110
Nonfarm	70,924	79,142	79,908	86,162	91,292	96,873	337,610	387,256	421,688	454,089	511,085	547,561
Earnings by industry:												
Farm	2,713	3,452	3,126	3,008	3,709	3,178	154,841	211,598	212,269	250,765	254,426	260,300
Nonfarm	1,159,627	1,193,773	1,169,777	1,257,495	1,278,711	1,436,836	2,688,103	2,988,359	3,251,185	3,523,835	3,841,033	4,120,665
Private	1,066,253	1,095,367	1,065,929	1,149,897	1,167,925	1,321,804	2,147,684	2,400,430	2,603,208	2,810,672	3,076,744	3,319,315
Agricultural services, forestry, fisheries, and other[7]	1,420	1,261	1,097	981*	(D)	1,890*	48,502	56,603	53,516	49,421	70,242	75,733
Agricultural services	1,347	1,205	1,063	959*	(D)	1,866*	48,113	56,341	53,180	49,006	69,956	75,407
Forestry, fisheries, and other[7]	73	56	(L)	(L)	(L)	(L)	389	262	336	415	286	326
Mining	44,381	49,232	49,787	49,516	(D)	40,375	8,095	9,192	11,227	5,424	5,059	4,955
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	6,306	7,274	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,790	1,921	(D)	(D)	(D)	(D)
Construction	56,874	57,188	47,875	45,098	43,292	47,988	212,928	250,697	275,845	326,793	342,141	354,336
Manufacturing	572,770	584,102	547,687	615,635	617,587	745,742	467,704	516,761	568,919	594,916	638,685	703,881
Nondurable goods	46,141	47,669	45,748	47,031	45,606	53,141	268,281	284,724	313,583	327,081	359,641	399,372
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	195,114	206,905	222,591	229,905	247,296	277,184
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	867
Apparel and other textile products	(D)	0	0	0	0	0	7,445	10,306	9,438	10,239	11,890	12,997
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	15,976	16,967	21,184	23,027	28,422	30,759
Printing and publishing	4,109	(D)	3,887*	3,921*	4,376*	9,943*	18,876	21,204	21,622	23,765	26,569	27,734
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	16,266	15,865	16,696	14,842	16,319	19,709
Petroleum and coal products	10,887	10,468	10,828*	10,963*	10,725*	12,934*	(D)	(D)	(D)	(D)	(D)	920
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)	14,251	12,590	20,561	23,381	27,327	29,202
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	526,629	536,433	501,939	568,604	571,981	692,601	199,423	232,037	255,336	267,835	279,044	304,509
Lumber and wood products	1,573	1,738	1,768	1,918*	2,188*	2,336*	48,689	52,040	50,846	51,145	54,710	59,571
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	8,639	11,624	13,726	16,629	18,553	19,647
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	6,831	8,969	7,201	7,198	8,024	8,581
Fabricated metal products	(D)	16,421	(D)	(D)	23,890	19,139	31,097	32,229	40,860	46,720	51,963	62,185
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	536*	25,143	27,881	26,720	29,407	30,628	33,509
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	25,515	33,562	34,362	29,705	34,801	48,413
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	10,568	10,856	10,811	8,933	6,339	2,084
Motor vehicles and equipment	0	0	0	0	0	0	7,184	(D)	(D)	11,386	9,638	13,211
Stone, clay, and glass products	32,600*	30,519*	(D)	22,619*	(D)	(D)	31,352	40,253	51,940	56,304	50,422	46,467
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,673	4,131	1,380
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,464	6,904	7,735	9,835	9,461
Transportation and public utilities	100,822	107,778	110,062	111,238	113,937	118,458	248,752	272,409	282,561	291,180	313,172	332,911
Railroad transportation	11,238*	11,878	11,304	9,861	7,394	7,926	34,758	36,948	36,187	35,008	35,248	30,729
Trucking and warehousing	22,738	24,624	23,515	24,961	24,904	24,877	108,063	122,177	126,256	130,461	141,936	155,165
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	7,905	7,814	8,379	7,493	8,358	8,758
Other transportation[8]	1,002	(D)	(D)	(D)	(D)	(D)	10,589	(D)	(D)	(D)	(D)	(D)
Communication	9,878*	10,629*	12,104*	10,268*	11,056*	12,044*	52,087	52,524	49,769	50,861	56,764	61,657
Electric, gas, and sanitary services	55,720*	59,397*	61,998*	64,349*	66,529*	69,609*	35,350	(D)	(D)	(D)	(D)	(D)
Wholesale trade	22,120	23,355	25,554	24,696*	24,540*	26,585*	186,090	211,250	231,659	236,656	248,229	260,525
Retail trade	90,166	92,204	94,172	97,240	97,486	100,730	300,494	328,118	343,684	373,663	398,167	432,557
Finance, insurance, and real estate	21,972	22,002	23,642	24,216	29,124	29,869	140,704	165,172	181,570	205,020	245,460	271,513
Banking and credit agencies	(D)	12,981*	14,467*	15,189*	15,602*	15,421*	73,188	(D)	90,436	103,039	116,013	126,283
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	6,832*	11,104*	11,957*	67,516	(D)	91,134	101,981	129,447	145,230
Services	155,728	158,245	166,053	179,027	195,930	208,514	534,415	590,228	654,227	727,599	815,589	882,904
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	5,463	6,269	7,219	8,623	9,108	8,865
Personal services	9,091	9,029	10,120	10,642	10,747	11,904	29,985	31,172	39,329	43,061	45,381	46,648
Private households	1,182	1,298	1,294	1,282	1,279	1,282	10,718	12,092	12,353	12,573	12,894	13,285
Business services	7,427	7,160	7,569	8,845	10,673	11,537	79,048	91,129	104,372	111,992	120,879	127,818
Auto repair, services, and garages	5,022	5,805	6,735	7,281	7,399	8,023	38,700	47,809	52,071	49,121	53,140	58,967
Miscellaneous repair services	1,951	1,923	1,999	2,486	3,181	3,243	15,833	19,740	17,626	22,207	24,105	27,413
Amusement and recreation services	6,321	6,450	7,597	7,853	(D)	(D)	8,576	10,272	11,361	12,713	13,119	14,084
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	82,389	81,070	83,319	86,218	97,300	102,423	216,409	226,519	248,869	276,657	326,768	351,879
Legal services	6,886	8,311	8,707	9,387	9,577	10,377	23,630	27,144	28,011	36,888	38,899	43,053
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	30,531	32,140	34,555	36,970	40,933	44,991
Social services	3,149	3,500	3,934	4,013	4,344	4,364	14,025	17,168	22,439	26,296	30,045	35,848
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,908	9,914	9,491	9,632	10,060	10,799	27,967	29,020	31,719	35,057	37,130	40,026
Miscellaneous services	12,183	13,540	14,721	19,895	21,087	23,448	32,309	38,575	42,930	53,958	61,800	68,315
Government and government enterprises	93,374	98,406	103,848	107,598	110,786	115,032	540,419	587,929	647,977	713,163	764,289	801,350
Federal, civilian	10,865	11,011	11,909	11,665	12,046	12,939	130,625	132,396	146,191	150,987	156,769	160,942
Military	2,114	2,180	2,359	2,569	2,701	2,816	12,430	14,406	16,320	17,169	16,910	16,622
State and local	80,395	85,215	89,580	93,364	96,039	99,277	397,364	441,127	485,466	545,007	590,610	623,786

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Syracuse, NY (MSA)						Tacoma, WA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,541,933**	**8,334,115**	**8,764,569**	**9,198,665**	**9,696,597**	**10,396,386**	**5,894,863**	**6,331,703**	**6,764,806**	**7,149,363**	**7,634,126**	**8,197,082**
Nonfarm personal income	7,521,003	8,302,421	8,734,111	9,161,768	9,654,693	10,361,420	5,881,241	6,313,133	6,744,528	7,120,464	7,603,404	8,168,755
Farm income[1]	20,930	31,694	30,458	36,897	41,904	34,966	13,622	18,570	20,278	28,899	30,722	28,327
Population (thousands)[2]	642.5	645.7	649.0	647.2	645.2	650.3	510.9	518.1	525.8	533.8	544.2	559.1
Per capita personal income (dollars)	**11,739**	**12,906**	**13,504**	**14,212**	**15,028**	**15,987**	**11,539**	**12,221**	**12,865**	**13,394**	**14,029**	**14,661**
Derivation of total personal income:												
Total earnings by place of work	5,720,917	6,369,360	6,807,676	7,131,313	7,493,503	8,057,816	3,604,129	3,896,466	4,130,739	4,350,129	4,619,780	4,928,949
Less: Personal contributions for social insurance[3]	364,577	409,976	459,541	500,995	520,647	584,798	204,449	222,473	245,955	265,888	284,556	319,461
Plus: Adjustment for residence	−134,100	−151,890	−185,004	−205,912	−194,421	−215,306	580,126	613,211	650,809	705,778	783,220	860,107
Equals: Net earnings by place of residence	5,222,240	5,807,494	6,163,131	6,424,406	6,778,435	7,257,712	3,979,806	4,287,204	4,535,593	4,790,019	5,118,444	5,469,595
Plus: Dividends, interest, and rent[5]	1,095,031	1,219,671	1,237,916	1,318,159	1,383,667	1,516,526	816,700	895,853	971,234	1,036,484	1,111,307	1,224,389
Plus: Transfer payments	1,224,662	1,306,950	1,363,522	1,456,100	1,534,495	1,622,148	1,098,357	1,148,646	1,257,979	1,322,860	1,404,375	1,503,098
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,790,675	5,324,247	5,695,715	5,955,819	6,239,518	6,727,762	3,056,391	3,292,596	3,490,728	3,666,047	3,868,996	4,129,734
Other labor income	528,433	569,690	573,566	600,179	611,652	642,042	228,146	238,458	236,304	244,090	254,966	275,509
Proprietors' income[6]	401,809	475,423	538,395	575,315	642,333	688,012	319,592	365,412	403,707	439,992	495,818	523,706
Farm	8,468	19,518	18,265	24,709	28,952	21,854	5,436	10,531	12,313	20,990	22,357	19,900
Nonfarm	393,341	455,905	520,130	550,606	613,381	666,158	314,156	354,881	391,394	419,002	473,461	503,806
Earnings by industry:												
Farm	20,930	31,694	30,458	36,897	41,904	34,966	13,622	18,570	20,278	28,899	30,722	28,327
Nonfarm	5,699,987	6,337,666	6,777,218	7,094,416	7,451,599	8,022,850	3,590,507	3,877,896	4,110,461	4,321,230	4,589,058	4,900,622
Private	4,840,502	5,425,296	5,803,751	6,067,179	6,330,641	6,798,473	2,410,562	2,622,991	2,747,820	2,921,277	3,116,077	3,358,707
Agricultural services, forestry, fisheries, and other[7]	11,919	12,556	14,959	16,390	20,800	24,911	23,441	20,301	24,797	24,659	30,262	36,069
Agricultural services	10,883	11,848	13,976	15,422	19,931	23,875	13,121	13,522	12,645	12,633	19,148	22,547
Forestry, fisheries, and other[7]	1,036	708	983	968	869	1,036	10,320	6,779	12,152	12,026	11,114	13,522
Mining	18,503	20,169	24,122	11,241	10,883	11,668	8,532	7,899	10,296	4,747	4,561	4,996
Coal mining	(L)	74	55	58	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,384	5,538	8,288	2,531	2,395	2,418
Metal mining	(L)	(L)	(L)	(L)	116	91	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	9,825*	10,486*	(D)	6,830*	6,808*	7,698*	3,147	2,362	2,008	2,213	2,143	2,553
Construction	479,373	570,636	591,239	559,902	506,391	536,263	221,292	265,464	258,324	285,498	311,056	342,983
Manufacturing	1,540,612	1,733,391	1,791,003	1,789,168	1,762,666	1,830,171	554,501	583,079	591,033	591,426	568,900	606,126
Nondurable goods	484,956	525,203	544,530	534,569	523,590	591,954	197,226	215,173	224,880	225,624	229,422	243,889
Food and kindred products	200,205	218,656	220,901	226,649	240,389	230,226	53,687	56,177	54,272	57,573	60,600	64,789
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)	11,232	12,460	(D)	(D)	(D)	14,483
Paper and allied products	46,225	50,356	52,760	56,937	62,394	66,186	47,648	55,460	64,594	58,166	57,042	58,359
Printing and publishing	57,032	62,443	68,060	76,444	85,813	88,867	34,794	36,927	39,060	41,251	42,946	43,978
Chemicals and allied products	141,775	147,327	155,299	122,148*	82,394*	76,546*	22,957	24,668	27,595	25,825	26,159	28,489
Petroleum and coal products	1,876	2,852	3,283	5,873	4,383	5,367	10,407	11,123	9,873	10,352	10,744	11,572
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	30,048*	31,497*	34,009*	35,816*	110,089*	16,380	18,270	16,883	19,027	17,686	21,733
Leather and leather products	(D)	(D)	(D)	0	0	(D)	(D)	(D)	0	0	0	(D)
Durable goods	1,055,656	1,208,188	1,246,473	1,254,599	1,239,076	1,238,217	357,275	367,906	366,153	365,802	339,478	362,237
Lumber and wood products	(D)	12,994	15,938	(D)	(D)	17,482*	113,067	116,280	112,773	122,412	130,748	135,407
Furniture and fixtures	6,518*	7,256*	(D)	4,862*	6,873*	8,410*	12,356	13,661	12,315	13,604	15,141	(D)
Primary metal industries	(D)	160,203	(D)	(D)	(D)	(D)	53,394	55,018	43,496	32,220	32,792	33,749
Fabricated metal products	48,056*	55,209*	62,770*	63,216*	65,769	69,139*	17,454	18,463	21,523	22,353	22,068	28,612
Machinery, except electrical	260,968	303,124	291,047	265,699	255,803	282,502	47,000	22,231	(D)	(D)	19,983	24,660
Electric and electronic equipment	346,393*	359,989*	393,134	405,925*	388,658*	388,703*	9,743	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	0	0	0	(D)	(D)	(D)	(D)	(D)	57,009	36,969	36,967	48,070
Motor vehicles and equipment	153,333	198,665	210,366	222,201	218,899	(D)	6,933	(D)	(D)	8,702	9,416	7,496
Stone, clay, and glass products	41,234	46,345	47,168	49,876	54,148	59,170	21,861	26,275	29,224	32,539	34,333	34,974
Instruments and related products	37,959*	44,827*	53,563*	54,240*	60,879*	70,500*	(D)	(D)	(D)	(D)	(D)	822
Miscellaneous manufacturing industries	(D)	15,128*	(D)	18,069*	19,127*	19,593*	4,896	6,184	6,294	7,035	8,158	7,939
Transportation and public utilities	470,263	513,078	554,522	(D)	(D)	(D)	200,328	214,399	219,715	241,393	272,196	288,107
Railroad transportation	17,738	19,529	19,936	18,747	18,185	17,266*	20,766	22,261	20,642	19,584	19,408	18,052
Trucking and warehousing	98,543	113,847	116,846	129,936	145,433	153,058	58,871	68,196	68,465	72,231	77,167	86,232
Water transportation	(D)	(D)	(D)	(D)	916*	(D)	(D)	(D)	(D)	(D)	62,473	70,725
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	20,780	21,305
Communication	133,125	134,721	143,542	124,692	161,840	174,172	56,010	53,234	57,307	59,972	68,011	65,653
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	18,290	19,934	22,504	23,401	24,357	26,140
Wholesale trade	422,755	460,135	497,978	525,287	538,638	583,188	199,545	216,428	215,290	222,185	230,147	243,944
Retail trade	484,736	528,622	573,173	626,792	676,204	734,575	393,570	408,825	434,636	468,877	501,176	538,462
Finance, insurance, and real estate	343,360	371,650	403,142	444,442	481,558	534,252	153,369	167,340	167,729	188,615	208,624	221,165
Banking and credit agencies	78,672	91,555	93,675	106,592	104,221*	(D)	63,031	71,596	79,996	91,737	100,362	110,642
Other finance, insurance, and real estate[9]	264,688	280,095	309,467	337,850	365,153*	399,973*	90,338	95,744	87,733	96,878	108,262	110,523
Services	1,068,981	1,215,059	1,353,613	1,403,308*	1,566,286*	1,718,389*	655,984	739,256	826,000	893,877	989,155	1,076,855
Hotels and other lodging places	24,807	(D)	28,280	30,967	31,561	32,573	10,407	13,180	14,498	14,090	15,162	14,645
Personal services	50,001	55,018	68,764	73,466	78,635	84,839	43,634	48,951	54,914	58,834	61,587	66,226
Private households	10,807	11,982	12,003	11,951	12,000	12,124	8,409	9,394	9,512	9,578	9,774	10,059
Business services	139,655	185,776	217,484	253,588	293,686	323,187	64,839	81,054	95,978	115,943	145,080	151,302
Auto repair, services, and garages	40,078	46,880	52,579	53,983	55,306	60,460	34,546	39,779	49,883	47,731	51,001	50,761
Miscellaneous repair services	18,916	21,164	21,465	23,586	27,644	34,451	14,039	15,983	14,861	15,801	18,016	23,839
Amusement and recreation services	16,965	20,361	22,724	25,875	27,427	28,742	14,299	17,503	20,266	22,633	25,750	28,249
Motion pictures	(D)	1,315	1,473*	(D)	(D)	2,335*	1,546	2,069	1,807	1,679	1,653	1,477
Health services	347,703	375,237	414,143	442,906	514,013	561,244	270,561	291,674	322,099	344,689	381,789	419,327
Legal services	83,310	99,765	108,337	127,416	137,817	154,721	44,883	52,748	59,431	65,257	67,111	73,324
Educational services	132,155	(D)	(D)	(D)	(D)	(D)	43,266	46,925	50,629	54,155	60,539	64,811
Social services	33,879	39,089	45,221	50,946	58,368	66,569	20,475	23,491	27,141	27,006	28,353	33,312
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	313	323	285	273	320	356
Membership organizations	51,411	54,792	58,096	56,843	59,838	63,700	43,470	45,269	47,168	46,288	47,310	52,043
Miscellaneous services	117,920	133,632	146,271	177,014	192,831	215,985	41,297	50,913	57,528	69,920	75,710	87,124
Government and government enterprises	859,485	912,370	973,467	1,027,237	1,120,958	1,224,377	1,179,945	1,254,905	1,362,641	1,399,953	1,472,981	1,541,915
Federal, civilian	113,364	114,411	118,971	116,200	123,702	131,526	235,385	233,368	242,960	239,229	256,746	265,577
Military	25,641	19,795	17,673	18,774	18,425	19,465	495,353	526,212	583,412	592,564	603,074	611,945
State and local	720,480	778,164	836,823	892,263	978,831	1,073,386	449,207	495,325	536,269	568,160	613,161	664,393

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Tallahassee, FL (MSA)						Tampa—St. Petersburg—Clearwater, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,929,335**	**2,102,055**	**2,287,828**	**2,545,374**	**2,819,010**	**3,107,328**	**21,236,856**	**23,511,327**	**25,861,661**	**27,836,026**	**30,141,208**	**32,737,945**
Nonfarm personal income	1,912,805	2,081,257	2,266,261	2,519,690	2,791,972	3,078,978	21,026,897	23,314,543	25,659,560	27,612,611	29,918,051	32,491,346
Farm income[1]	16,530	20,798	21,567	25,684	27,038	28,350	209,959	196,784	202,101	223,415	223,157	246,599
Population (thousands)[2]	205.2	209.7	214.1	217.5	223.2	228.6	1,769.1	1,818.7	1,870.6	1,914.7	1,956.3	1,995.1
Per capita personal income (dollars)	**9,403**	**10,023**	**10,685**	**11,700**	**12,629**	**13,591**	**12,004**	**12,927**	**13,826**	**14,538**	**15,407**	**16,409**
Derivation of total personal income:												
Total earnings by place of work	1,521,300	1,660,612	1,811,957	2,035,967	2,270,390	2,509,777	12,514,179	14,123,879	15,654,349	17,043,291	18,832,468	20,386,644
Less: Personal contributions for social insurance[3]	56,727	63,513	73,367	82,662	90,851	105,146	688,668	792,878	922,807	1,009,806	1,111,910	1,270,192
Plus: Adjustment for residence	−76,939	−81,741	−94,721	−105,192	−119,539	−132,605	53,853	58,234	51,651	56,224	60,681	59,417
Equals: Net earnings by place of residence	1,387,634	1,515,358	1,643,869	1,848,113	2,060,000	2,272,026	11,879,364	13,389,235	14,783,193	16,089,709	17,781,239	19,175,869
Plus: Dividends, interest, and rent[5]	253,570	283,299	308,468	334,586	365,378	406,827	5,080,260	5,728,975	6,287,916	6,718,234	7,042,730	7,831,017
Plus: Transfer payments	288,131	303,398	335,491	362,675	393,632	428,475	4,277,232	4,393,117	4,790,552	5,028,083	5,317,239	5,731,059
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,307,520	1,418,536	1,547,741	1,728,027	1,932,913	2,138,828	10,244,240	11,617,807	12,810,731	13,861,408	15,253,653	16,578,533
Other labor income	103,165	109,873	118,048	134,836	149,690	167,125	998,204	1,093,650	1,159,914	1,267,724	1,386,378	1,493,898
Proprietors' income[6]	110,615	132,203	146,168	173,104	187,787	203,824	1,271,735	1,412,422	1,683,704	1,914,159	2,192,437	2,314,213
Farm	9,417	13,846	14,553	18,639	19,553	20,756	166,103	153,611	159,946	182,059	180,140	203,822
Nonfarm	101,198	118,357	131,615	154,465	168,234	183,068	1,105,632	1,258,811	1,523,758	1,732,100	2,012,297	2,110,391
Earnings by industry:												
Farm	16,530	20,798	21,567	25,684	27,038	28,350	209,959	196,784	202,101	223,415	223,157	246,599
Nonfarm	1,504,770	1,639,814	1,790,390	2,010,283	2,243,352	2,481,427	12,304,220	13,927,095	15,452,248	16,819,876	18,609,311	20,140,045
Private	845,527	939,245	1,034,696	1,163,249	1,294,155	1,439,424	10,589,840	12,067,504	13,405,605	14,595,343	16,161,079	17,462,898
Agricultural services, forestry, fisheries, and other[7]	4,272	4,862	5,503	5,916	6,737	8,155	90,058*	98,611	114,627	125,598	140,004*	160,577*
Agricultural services	(D)	(D)	(D)	(D)	(D)	7,445	78,981*	91,209	100,330	107,114	125,644*	144,559*
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	710	11,190	7,402	14,297	18,484	14,490	16,199
Mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	64,452	89,781	36,697	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	151	156	152	126	66	67
Oil and gas extraction	2,214	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	77,514	91,750	100,326	113,695	127,614	138,192	1,007,854	1,302,481	1,424,602	1,506,492	1,571,293	1,632,965
Manufacturing	69,317	67,130	71,013	83,261	91,240	98,332	1,675,184	1,895,110	2,039,754	2,086,956	2,198,867	2,368,141
Nondurable goods	26,656	30,434	33,094	34,830	36,997	41,639	611,644	661,355	693,465	725,471	771,298	858,328
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	314	969*	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	45,034*	51,711*	53,056*	55,715	57,821*	63,336*
Paper and allied products	0	(D)	(D)	0	0	0	(D)	23,646*	23,971*	23,322*	25,050*	(D)
Printing and publishing	20,029*	23,135*	25,486*	27,915*	31,332*	(D)	171,922	190,330	219,195	241,240	272,461	331,144
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	100,043*	106,377*	102,694*	98,875*	101,273*	107,285*
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	16,308	16,264	15,619	17,455	18,759	20,651
Tobacco manufactures	0	0	0	0	0	0	(D)	16,945	15,489	15,347	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	39,877*	46,463*	51,116*	55,916*	65,179*	69,131*
Leather and leather products	0	0	0	(D)	(D)	(D)	4,355*	4,323*	3,376*	3,240*	4,398*	5,183*
Durable goods	42,661	36,696	37,919	48,431	54,243	56,693	1,063,540	1,233,755	1,346,289	1,361,485	1,427,569	1,509,813
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	63,255	71,329	71,812	73,633	79,759	64,751
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,224*	29,864*	28,807*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	31,426*	33,648*	33,430*	37,322*	40,850*	41,573*
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	155,261*	169,985*	176,584*	175,781	188,961	192,911*
Machinery, except electrical	(D)	(D)	254	(D)	(D)	(D)	154,472*	183,745*	205,627*	213,663	219,412	230,890
Electric and electronic equipment	(D)	(D)	3,776	4,492	4,718	5,311	375,386*	430,198*	483,959*	500,904	513,292	568,320*
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	84,437*	103,148*	117,814*	92,107*	99,154*	107,172*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,496	7,547	9,916	10,526	12,005	13,778*
Stone, clay, and glass products	3,892	4,490	4,460	4,895	6,060	6,279	82,779*	93,183*	98,451	92,587*	95,375*	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	51,343*	65,552*	74,952*	81,811	91,503	103,129*
Miscellaneous manufacturing industries	2,723	2,730	2,531	2,591	3,058	3,363	33,880*	40,658*	44,451*	47,014*	40,506*	41,163*
Transportation and public utilities	69,529	71,163	78,272	85,286	84,431	90,734	972,162	1,061,146	1,123,690	1,184,718	1,262,901	1,295,938
Railroad transportation	5,597	(D)	(D)	5,219	4,752	(D)	59,322	59,529	53,134	50,208	45,682	48,206
Trucking and warehousing	13,481	14,397	16,120	16,076	17,295	19,979	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	0	0	(D)	0	0	(D)	40,269*	51,681*	49,021*	50,205*	48,494*	53,066*
Other transportation[8]	8,160	8,494	8,639	8,993	10,511	10,521	(D)	(D)	(D)	(D)	(D)	(D)
Communication	34,897*	34,340*	39,613	42,215	39,733	42,297	(D)	(D)	(D)	382,586*	405,789*	373,140*
Electric, gas, and sanitary services	(D)	5,744	8,066	12,783	12,140	12,907	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	(D)	(D)	(D)	(D)	(D)	(D)	949,605	1,052,412	1,186,050	1,246,270	1,365,930	1,534,967
Retail trade	162,740	175,554	193,007	204,382	225,855	248,042	1,651,688	1,835,603	2,006,371	2,197,265	2,417,408	2,573,567
Finance, insurance, and real estate	71,413	79,648	86,658	100,713	119,696	127,643	1,058,994	1,170,215	1,408,491	1,627,009	1,894,663	1,944,720
Banking and credit agencies	28,732	31,733	33,095	40,969	47,217	48,447	311,806*	378,361	429,400	505,204	556,306	571,725
Other finance, insurance, and real estate[9]	42,681	47,915	53,563	59,744	72,479	79,196	738,782*	791,854	979,091	1,121,805	1,338,357	1,372,995
Services	318,025	367,412	409,300	475,833	539,581	622,482	3,123,883	3,587,474	4,012,239	4,584,338	5,268,717	5,909,801
Hotels and other lodging places	8,671	10,196	11,164	12,798	14,705	14,877	128,306*	137,502*	152,631	162,000*	186,038*	206,602*
Personal services	14,709	16,405	20,755	22,538	25,080	27,702	129,531	144,278	176,631	193,840	210,882	234,526
Private households	11,436	12,986	13,363	13,649	14,071	14,539	59,028	67,142	69,095	70,527	72,677	75,092
Business services	39,344	44,700	50,269	58,042	65,566	76,183	485,631	599,993	685,925	791,614	947,529	1,086,806
Auto repair, services, and garages	11,283	13,705	15,563	17,418	20,145	23,261	133,031	160,217	175,583	191,880	209,586	231,045
Miscellaneous repair services	5,625	6,774	6,406	6,627	7,116	6,970	57,007	65,329	62,837	70,895	77,648	94,456
Amusement and recreation services	(D)	(D)	(D)	(D)	7,635*	7,081*	113,215	128,190	134,322	143,163	160,640	156,330
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	10,401*	11,432*	(D)	(D)	(D)	19,752*
Health services	104,396	117,654	128,371	144,130	166,721	195,995	1,138,770	1,242,307	1,359,926	1,487,972	1,748,592	1,960,316
Legal services	39,375	49,157	57,408	70,016	81,991	100,535	204,037	246,964	289,577	333,934	382,653	431,883
Educational services	(D)	(D)	(D)	(D)	(D)	6,235*	54,883*	60,890*	78,960*	79,513*	93,571*	104,669*
Social services	10,861	14,029	14,917	17,536	20,679	22,720	84,216	92,513	102,690	115,125	133,838	156,547
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	577	550	(D)	(D)	(D)	2,024
Membership organizations	26,423	29,030	33,230	38,167	40,433	47,099	119,278	133,140	137,403	151,667	167,150	190,250
Miscellaneous services	37,097	43,058	47,355	61,899	67,489	76,058	395,977	485,940	571,887	763,524	845,990	942,775
Government and government enterprises	659,243	700,569	755,694	847,034	949,197	1,042,003	1,714,380	1,859,591	2,046,643	2,224,533	2,448,232	2,677,147
Federal, civilian	35,623	38,293	41,984	42,997	45,511	50,956	343,525	385,129	414,132	433,503	471,277	525,192
Military	5,896	7,047	8,731	9,571	9,577	9,204	176,623	188,326	210,393	213,931	222,919	227,240
State and local	617,724	655,229	704,979	794,466	894,109	981,843	1,194,232	1,286,136	1,422,118	1,577,099	1,754,036	1,924,715

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Terre Haute, IN (MSA)						Texarkana, TX—Texarkana, AR (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,352,972**	**1,442,493**	**1,509,901**	**1,575,744**	**1,636,425**	**1,713,437**	**1,184,692**	**1,295,354**	**1,377,517**	**1,420,767**	**1,473,662**	**1,547,412**
Nonfarm personal income	1,357,006	1,431,023	1,494,262	1,562,446	1,625,244	1,701,918	1,177,204	1,276,805	1,360,450	1,393,970	1,446,792	1,519,021
Farm income[1]	−4,034	11,470	15,639	13,298	11,181	11,519	7,488	18,549	17,067	26,797	26,870	28,391
Population (thousands)[2]	135.7	135.4	135.0	134.0	133.2	132.6	117.7	118.3	119.3	119.5	119.9	119.4
Per capita personal income (dollars)	**9,973**	**10,654**	**11,186**	**11,758**	**12,284**	**12,918**	**10,068**	**10,952**	**11,552**	**11,889**	**12,288**	**12,957**
Derivation of total personal income:												
Total earnings by place of work	937,531	1,011,956	1,066,442	1,120,726	1,167,048	1,210,901	841,949	934,373	983,924	1,019,110	1,064,018	1,095,646
Less: Personal contributions for social insurance[3]	53,059	57,185	63,090	66,680	69,280	75,946	48,379	53,210	58,447	61,828	63,814	68,218
Plus: Adjustment for residence	−37,664	−37,499	−47,154	−56,848	−56,385	−56,459	−14,081	−17,527	−21,601	−23,555	−30,756	−19,708
Equals: Net earnings by place of residence	846,808	917,272	956,198	997,198	1,041,383	1,078,496	779,489	863,636	903,876	933,727	969,448	1,007,720
Plus: Dividends, interest, and rent[5]	245,778	259,352	270,650	278,415	286,608	312,689	171,828	190,777	211,610	215,467	218,590	234,655
Plus: Transfer payments	260,386	265,869	283,053	300,131	308,434	322,252	233,375	240,941	262,031	271,573	285,624	305,037
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	777,347	825,973	871,341	917,208	954,778	988,510	674,838	738,100	781,120	794,051	826,020	845,575
Other labor income	86,932	89,623	90,314	94,864	97,635	99,982	66,318	71,421	71,893	75,366	81,620	87,505
Proprietors' income[6]	73,252	96,360	104,787	108,654	114,635	122,409	100,793	124,852	130,911	149,693	156,378	162,566
Farm	−6,820	8,705	13,025	10,823	8,724	9,191	4,019	15,129	13,733	23,547	23,500	25,067
Nonfarm	80,072	87,655	91,762	97,831	105,911	113,218	96,774	109,723	117,178	126,146	132,878	137,499
Earnings by industry:												
Farm	−4,034	11,470	15,639	13,298	11,181	11,519	7,488	18,549	17,067	26,797	26,870	28,391
Nonfarm	941,565	1,000,486	1,050,803	1,107,428	1,155,867	1,199,382	834,461	915,824	966,857	992,313	1,037,148	1,067,255
Private	791,024	842,693	879,940	922,222	961,100	995,753	590,705	659,268	689,580	725,307	752,655	787,551
Agricultural services, forestry, fisheries, and other[7]	1,718	1,760	1,684	2,308	3,573	3,752	3,974	3,501	3,820	3,914	4,852	5,328
Agricultural services	1,664	1,745	1,627	2,213	3,511	3,682	2,493	2,494	2,897	3,010	4,169	4,607
Forestry, fisheries, and other[7]	54	(L)	57	95	62	70	1,481	1,007	923	904	683	721
Mining	17,673	20,470	23,607	21,898	17,324	19,155	4,125	3,926	4,163	3,368	3,538	3,578
Coal mining	(D)	(D)	(D)	(D)	14,702*	16,128*	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,751*	1,644*	2,804*	1,214	1,045	1,141	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	53,441	57,817	54,781	60,024	66,698	70,085	53,345	62,934	68,479	68,978	66,489	62,771
Manufacturing	261,406	281,625	300,619	312,250	313,529	311,438	146,152	170,183	172,217	181,896	193,027	201,040
Nondurable goods	138,202	149,536	162,834	172,943	180,601	188,959	(D)	(D)	(D)	(D)	(D)	(D)
Food and kindred products	22,013*	25,848*	26,918*	27,368*	29,043*	30,185*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	0	0	0	0	0	(D)	(D)	(D)	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	54	58
Paper and allied products	(D)	24,404	24,859*	27,044*	28,681*	30,770*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	25,348*	25,282*	29,153*	35,514*	37,033*	37,530*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	40,439*	44,803*	49,959*	51,222*	51,093*	52,822*	1,876	2,715	3,191	3,554	3,769	4,017*
Petroleum and coal products	2,539	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	0	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	22,760*	24,745*	26,886*	26,851*	29,534*	31,939*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	0	0	0	0	0
Durable goods	123,204	132,089	137,785	139,307	132,928	122,479	(D)	(D)	(D)	(D)	(D)	(D)
Lumber and wood products	1,273	1,450	1,290	1,432	1,548	1,826	15,952	15,569	10,643	8,644	8,445	8,799
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	52,139	52,289	48,118	(D)	32,873	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	27,982	32,041	34,229	30,040	19,543	12,241	2,521	9,373	7,339	(D)	(D)	2,184
Electric and electronic equipment	(D)	4,751	7,735	12,068*	16,513*	18,587*	(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)	8,011	(D)	2,027	2,094	2,263	4,379	4,434	3,197	3,215	2,958	2,679
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	218*	259*	248*	323*	348	630	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	74,135	77,629	75,931	77,632	82,405	87,714	49,818	51,992	54,021	57,977	57,727	56,761
Railroad transportation	12,771*	14,571	14,085	11,859	9,115	8,570	10,007	(D)	(D)	6,395	4,212	2,951
Trucking and warehousing	19,818	21,717	20,301	20,777	22,501	26,062	13,963	15,998	17,467	18,964	19,215	22,098
Water transportation	0	0	0	0	0	0	(L)	−51	(L)	(L)	(L)	(L)
Other transportation[8]	2,442	2,563	2,939	3,718	4,821	6,241	(D)	1,261	1,455	(D)	(D)	2,436
Communication	15,807	16,532	16,693	17,056	18,191	19,444	(D)	(D)	(D)	(D)	(D)	16,542
Electric, gas, and sanitary services	21,871*	22,246	21,913	24,222	27,777	27,397	7,887	7,824	9,215	12,026	12,292	12,718
Wholesale trade	49,565	51,070	51,268	54,435	52,890	53,670	42,778	46,591	44,920	43,975	44,013	47,117
Retail trade	135,059	140,536	143,850	147,889	157,148	163,048	103,984	111,199	117,232	118,532	120,607	122,935
Finance, insurance, and real estate	32,239	33,001	34,985	39,120	41,610	43,515	29,224	33,217	37,773	41,048	42,449	42,950
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	15,619*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Services	165,788	178,785	193,215	206,666	225,923	243,376	157,305	175,725	186,955	205,619	219,953	245,071
Hotels and other lodging places	4,536	4,493	4,344*	4,248*	5,385*	5,871*	4,852	4,657	4,508	4,248	4,721	4,608
Personal services	11,511	11,942	14,379	15,393	16,306	17,710	8,645	8,953	11,350	12,676	12,554	14,097
Private households	3,201	3,550	3,554	3,536	3,559	3,601	4,654	5,223	5,315	5,377	5,421	5,477
Business services	16,184	17,649	20,919	21,465	23,213	26,439	19,407	21,986	23,891	26,714	29,295	30,750
Auto repair, services, and garages	7,561	8,129	9,695	9,754	9,760	10,615	8,867	10,545	11,482	11,955	12,203	13,363
Miscellaneous repair services	3,428	3,680	3,213	4,009	4,181	4,743	3,714	4,132	3,275	4,102	4,268	4,553
Amusement and recreation services	1,659	1,662*	2,107	2,215	2,306	2,339	2,764	2,475	3,414	2,636	2,592	2,483
Motion pictures	(D)	616*	707	647	639	548	(D)	(D)	(D)	(D)	(D)	(D)
Health services	77,382	82,184	88,372	94,821	106,335	111,616	75,602	83,998	90,091	99,795	109,452	126,352
Legal services	10,312	11,705	11,826	14,336	14,621	16,378	8,958	10,727	11,010	13,107	13,410	14,972
Educational services	8,338*	(D)	(D)	(D)	(D)	(D)	483	643	757	1,134	(D)	(D)
Social services	3,587	4,844	5,460*	5,646*	7,134*	7,473*	3,154	3,667	3,733	4,111	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,621	10,686	10,772	11,090	11,469	12,645	(D)	(D)	(D)	(D)	7,144	7,732
Miscellaneous services	6,447	7,712	7,481	7,817	8,104	9,112	10,125	12,233	11,361	12,722	12,649	12,792
Government and government enterprises	150,541	157,793	170,863	185,206	194,767	203,629	243,756	256,556	277,277	267,006	284,493	279,704
Federal, civilian	31,995	33,251	34,913	34,707	36,866	41,629	166,431	175,710	187,815	171,691	185,636	176,024
Military	3,963	3,838	4,280	5,057	5,261	5,694	5,224	5,603	6,070	6,506	5,869	5,825
State and local	114,583	120,704	131,670	145,442	152,640	156,306	72,101	75,243	83,392	88,809	92,988	97,855

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Toledo, OH (MSA)						Topeka, KS (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,315,927**	**7,959,543**	**8,383,227**	**8,795,144**	**9,314,439**	**9,915,053**	**2,099,900**	**2,222,325**	**2,357,509**	**2,473,749**	**2,624,678**	**2,772,684**
Nonfarm personal income	7,308,837	7,901,315	8,332,587	8,752,567	9,270,584	9,875,927	2,091,518	2,209,598	2,337,554	2,453,277	2,605,725	2,759,253
Farm income[1]	7,090	58,228	50,640	42,577	43,855	39,126	8,382	12,727	19,955	20,472	18,953	13,431
Population (thousands)[2]	611.7	610.1	610.5	612.6	613.7	616.5	158.0	159.2	159.7	160.7	162.4	164.8
Per capita personal income (dollars)	**11,961**	**13,047**	**13,732**	**14,357**	**15,177**	**16,083**	**13,292**	**13,962**	**14,761**	**15,397**	**16,163**	**16,824**
Derivation of total personal income:												
Total earnings by place of work	5,534,625	6,152,600	6,565,283	6,803,878	7,189,137	7,671,927	1,651,678	1,796,027	1,897,950	1,997,870	2,114,384	2,233,826
Less: Personal contributions for social insurance[3]	362,103	402,189	451,480	477,585	501,226	556,854	97,331	106,942	118,833	129,309	136,785	151,531
Plus: Adjustment for residence	−290,243	−357,193	−400,467	−370,240	−373,869	−410,550	−131,108	−165,048	−177,030	−194,501	−204,231	−220,518
Equals: Net earnings by place of residence	4,882,279	5,393,218	5,713,336	5,956,053	6,314,042	6,704,523	1,423,239	1,524,037	1,602,087	1,674,060	1,773,368	1,861,777
Plus: Dividends, interest, and rent[5]	1,169,272	1,264,734	1,313,838	1,359,262	1,441,922	1,572,589	352,050	373,050	405,432	428,161	457,256	492,236
Plus: Transfer payments	1,264,376	1,301,591	1,356,053	1,479,829	1,558,475	1,637,941	324,611	325,238	349,990	371,528	394,054	418,671
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,605,582	5,090,220	5,453,566	5,645,980	5,964,098	6,381,854	1,382,711	1,503,977	1,587,174	1,667,346	1,763,607	1,870,537
Other labor income	537,837	574,073	587,485	606,926	624,642	655,247	134,378	140,465	142,810	149,964	160,326	169,641
Proprietors' income[6]	391,206	488,307	524,232	550,972	600,397	634,826	134,589	151,585	167,966	180,560	190,451	193,648
Farm	−1,233	50,050	42,542	34,554	35,437	30,730	6,886	11,245	18,548	19,121	17,571	12,086
Nonfarm	392,439	438,257	481,690	516,418	564,960	604,096	127,703	140,340	149,418	161,439	172,880	181,562
Earnings by industry:												
Farm	7,090	58,228	50,640	42,577	43,855	39,126	8,382	12,727	19,955	20,472	18,953	13,431
Nonfarm	5,527,535	6,094,372	6,514,643	6,761,301	7,145,282	7,632,801	1,643,296	1,783,300	1,877,995	1,977,398	2,095,431	2,220,395
Private	4,849,879	5,374,640	5,737,571	5,941,210	6,243,628	6,666,822	1,289,809	1,400,887	1,472,691	1,544,350	1,647,599	1,741,710
Agricultural services, forestry, fisheries, and other[7]	12,907	13,329	13,290	14,644	19,584	21,283	4,726	4,239	3,884	3,718	5,612	6,299
Agricultural services	12,535	13,049	13,028	14,321	19,299	20,930	4,580	4,132	3,798	3,682	5,558	6,247
Forestry, fisheries, and other[7]	372	280	262	323	285	353	146	107	86	(L)	54	52
Mining	16,545	17,270	20,089	10,763	10,390	11,167	8,018	7,806	8,851	6,876	7,225	7,170
Coal mining	101	124	125	146	74	74	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	5,110	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	5,959	(D)	(D)	(D)	(D)	(D)	(D)
Construction	273,432	300,283	322,040	361,890	391,897	441,978	88,281	101,621	102,769	111,785	127,261	124,379
Manufacturing	1,911,313	2,150,501	2,331,960	2,289,790	2,317,663	2,423,104	213,790	244,239	254,527	262,591	282,756	290,485
Nondurable goods	371,992	390,358	405,060	419,352	444,775	494,208	180,948	209,034	221,457	227,865	248,271	254,718
Food and kindred products	96,497	100,425	102,290	103,015	111,329	126,464	42,466	47,190	50,523	55,437	62,592	62,953
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)	1,239	(D)	(D)	(D)	(D)
Paper and allied products	(D)	26,028*	22,184*	21,744*	21,283*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	52,498*	54,158	59,966	65,374	69,410	75,901	60,250	64,026	64,387	66,114	69,038	72,297
Chemicals and allied products	60,579*	64,117*	63,246*	66,272	75,267*	79,159*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	66,123	65,515*	70,353*	69,384*	65,823*	69,826	490	528	377	452	483	0
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	48,126	60,045	64,601	68,490	78,154	97,378	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,539,321	1,760,143	1,926,900	1,870,438	1,872,888	1,928,896	32,842	35,205	33,070	34,726	34,485	35,767
Lumber and wood products	(D)	8,052	10,670	15,919	13,257	15,844	1,114	1,026	999	1,191	1,528	1,437
Furniture and fixtures	14,427	39,364	(D)	55,585*	61,499*	63,433*	1,950	1,976	1,814	1,654	1,380	1,519
Primary metal industries	95,392	117,775	121,747	125,249	119,853	122,305	3,717	10,329	10,403	11,398	11,275	10,535
Fabricated metal products	182,788	219,518	232,379	233,811	241,156	251,482	1,192	967	1,086	991	857	755
Machinery, except electrical	159,337	183,187	190,864	193,347	200,574	211,245	12,275	12,958	10,505	11,219	11,539	13,364
Electric and electronic equipment	97,610*	99,146*	98,452*	85,523*	87,636	74,897*	(D)	(D)	(D)	(D)	0	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)
Motor vehicles and equipment	485,604*	592,691*	691,271*	(D)	(D)	(D)	(D)	1,087	(D)	319	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	388,210	366,951	365,240	2,977	3,691	3,819	4,291	3,961	3,880
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,230	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	10,737*	11,761*	12,654*	11,243*	(D)	15,456	(D)	113	524	789	766	750
Transportation and public utilities	410,144	439,241	436,509	444,846	447,264	453,446	245,580	257,770	266,621	265,403	269,634	275,058
Railroad transportation	80,346	86,497	86,112	83,934	75,118	70,010	110,104	116,483	119,311	111,967	107,623	111,695
Trucking and warehousing	153,820	168,379	165,604	166,217	168,754	172,965	19,643	22,647	22,989	21,786	23,884	27,263
Water transportation	2,008	2,911	3,419	5,003	5,006	4,455	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	18,880*	(D)	21,822	21,877	22,647	26,470	(D)	(D)	(D)	(D)	(D)	(D)
Communication	76,424*	(D)	74,937	78,162	78,388	79,558	(D)	80,586	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	74,102*	79,714	84,615	89,653	97,351	99,988	26,836	29,664	31,739	(D)	(D)	(D)
Wholesale trade	384,939	458,421	452,102	461,479	484,140	527,093	109,328	115,910	124,272	130,253	134,435	105,108
Retail trade	543,341	579,021	616,639	648,390	671,488	709,081	140,979	150,963	157,415	162,400	171,216	230,340
Finance, insurance, and real estate	181,727	197,200	208,056	243,175	278,705	312,332	122,244	130,887	137,740	148,164	163,190	173,144
Banking and credit agencies	77,353*	83,942*	88,597*	102,154*	108,001*	122,206*	29,168	32,151	34,596	38,147	41,097	42,996
Other finance, insurance, and real estate[9]	99,424*	107,659*	113,807*	134,409*	162,701*	181,341*	93,076	98,736	103,144	110,017	122,093	130,148
Services	1,115,531	1,219,374	1,336,886	1,466,233	1,622,497	1,767,338	356,863	387,452	416,612	453,160	486,270	529,727
Hotels and other lodging places	15,040	15,930	18,761	20,897	24,062	26,444	(D)	(D)	(D)	(D)	9,337	10,203
Personal services	50,064	52,499	63,667	69,629	76,201	83,690	19,324	21,007	24,355	26,326	27,033	29,406
Private households	12,743	14,105	14,102	14,011	14,093	14,235	3,745	4,166	4,185	4,178	4,214	4,272
Business services	129,261	152,144	184,538	217,188	242,602	270,112	50,478	57,864	62,545	67,596	74,520	77,382
Auto repair, services, and garages	35,931	43,075	48,442	53,225	57,626	64,707	11,038	12,927	13,994	15,290	14,996	16,124
Miscellaneous repair services	16,520	19,074	19,539	22,878	22,326	25,217	4,979	5,718	5,064	6,579	7,387	7,371
Amusement and recreation services	17,315	19,468	21,872	24,958	29,173	29,918	3,721	4,280	4,083	4,613	4,974	5,083
Motion pictures	2,033*	2,305*	(D)	2,193*	1,974*	2,503*	572	716	643	634	(D)	(D)
Health services	557,184	579,878	613,136	652,825	725,891	774,543	170,077	176,458	187,702	199,184	220,750	243,926
Legal services	68,296	82,424	88,625	97,802	106,054	118,288	24,467	29,434	32,012	37,029	39,011	42,609
Educational services	20,775*	22,989*	24,823*	25,927	31,674*	36,768	4,797	5,106	6,077	6,378	6,976	6,628
Social services	28,498*	35,652*	39,834*	43,830*	46,604*	51,196	10,759	11,143	12,616	13,290	13,482	15,611
Museums, botanical, zoological gardens	3,802*	4,164*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	49,620	51,567	53,169	54,322	57,285	61,323	19,607	20,973	23,209	24,652	25,510	27,689
Miscellaneous services	107,537	123,186	138,067	160,005	179,908	200,545	27,884	32,501	33,362	38,249	37,378	42,880
Government and government enterprises	677,656	719,732	777,072	820,091	901,654	965,979	353,487	382,413	405,304	433,048	447,832	478,685
Federal, civilian	65,494	69,340	73,402	73,177	77,069	83,652	76,111	80,235	79,972	80,849	83,167	91,357
Military	9,441	9,757	10,821	11,347	12,192	12,771	6,660	7,838	8,852	13,144	16,054	17,062
State and local	602,721	640,635	692,849	735,567	812,393	869,556	270,716	294,340	316,480	339,055	348,611	370,266

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Trenton, NJ (PMSA)						Tucson, AZ (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,783,691**	**5,258,485**	**5,707,271**	**6,133,235**	**6,750,053**	**7,377,741**	**6,172,865**	**6,778,196**	**7,438,967**	**8,024,959**	**8,611,447**	**9,134,615**
Nonfarm personal income	4,774,718	5,248,376	5,696,642	6,122,152	6,735,327	7,361,681	6,154,980	6,739,838	7,413,578	7,998,872	8,590,115	9,117,406
Farm income[1]	8,973	10,109	10,629	11,083	14,726	16,060	17,885	38,358	25,389	26,087	21,332	17,209
Population (thousands)[2]	312.7	313.8	317.3	322.5	326.9	331.0	569.4	574.7	585.0	604.1	622.9	636.0
Per capita personal income (dollars)	**15,296**	**16,759**	**17,985**	**19,015**	**20,646**	**22,291**	**10,841**	**11,795**	**12,717**	**13,285**	**13,825**	**14,362**
Derivation of total personal income:												
Total earnings by place of work	3,638,066	4,031,888	4,398,106	4,842,755	5,320,069	5,891,160	4,065,448	4,549,496	4,987,085	5,381,038	5,735,052	6,010,536
Less: Personal contributions for social insurance[3]	210,504	234,876	267,095	313,314	342,128	391,508	237,473	266,785	302,182	336,090	354,267	388,345
Plus: Adjustment for residence	−153,889	−180,259	−180,629	−240,457	−233,217	−302,067	37,510	36,700	40,874	46,044	48,648	63,384
Equals: Net earnings by place of residence	3,273,673	3,616,753	3,950,382	4,288,984	4,744,724	5,197,585	3,865,485	4,319,411	4,725,777	5,090,992	5,429,433	5,685,575
Plus: Dividends, interest, and rent[5]	859,320	969,698	1,049,297	1,088,438	1,203,541	1,329,145	1,243,013	1,361,948	1,508,868	1,617,019	1,760,461	1,918,267
Plus: Transfer payments	650,698	672,034	707,592	755,813	801,788	851,011	1,064,367	1,096,837	1,204,322	1,316,948	1,421,553	1,530,773
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,106,912	3,456,430	3,769,591	4,166,062	4,576,832	5,079,758	3,416,398	3,805,985	4,192,835	4,524,968	4,799,810	5,030,722
Other labor income	299,452	316,605	327,515	356,808	385,005	422,003	319,586	341,740	362,942	390,156	404,650	422,591
Proprietors' income[6]	231,702	258,853	301,000	319,885	358,232	389,399	329,464	401,771	431,308	465,914	530,592	557,223
Farm	6,505	7,706	8,290	8,815	12,389	13,754	10,644	31,113	19,305	19,586	13,711	9,687
Nonfarm	225,197	251,147	292,710	311,070	345,843	375,645	318,820	370,658	412,003	446,328	516,881	547,536
Earnings by industry:												
Farm	8,973	10,109	10,629	11,083	14,726	16,060	17,885	38,358	25,389	26,087	21,332	17,209
Nonfarm	3,629,093	4,021,779	4,387,477	4,831,672	5,305,343	5,875,100	4,047,563	4,511,138	4,961,696	5,354,951	5,713,720	5,993,327
Private	2,670,335	2,985,070	3,265,223	3,599,734	3,961,439	4,391,088	3,097,705	3,514,510	3,917,050	4,216,675	4,485,698	4,680,186
Agricultural services, forestry, fisheries, and other[7]	12,721	15,083	16,351	18,418	25,059	26,476	22,331	25,772	28,072	32,415	40,087	42,720
Agricultural services	12,413	14,812	16,169	18,303	24,918	26,326	21,878	25,377	27,513	31,761	39,372	41,722
Forestry, fisheries, and other[7]	308	271	182	115	141	150	453	395	559	654	715	998
Mining	10,909	12,028	16,174	5,319	5,700	5,979	141,477	132,211	108,251	69,676	75,767	86,274
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	54	(L)	57	(L)	(L)
Oil and gas extraction	9,467	10,611	14,867	4,535	4,362	4,365	15,412	15,924	22,336	6,412	5,319	5,367
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	125,362	115,488	85,018	62,174	68,699	79,010
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	684	745	859	1,033	1,710	1,879
Construction	107,343	129,898	144,246	175,940	206,502	222,697	343,165	431,359	492,915	532,802	520,919	490,885
Manufacturing	885,013	959,878	1,036,515	1,093,417	1,125,712	1,189,509	686,741	777,319	865,976	906,246	917,825	989,874
Nondurable goods	354,278	373,968	400,364	449,300	481,843	552,682	77,741	87,791	96,800	98,637	107,716	116,006
Food and kindred products	22,693	22,866	24,910	26,705	19,442	22,678	20,418	25,043	28,348	24,335	26,132	28,045
Textile mill products	(D)	(D)	(D)	(D)	(D)	4,218	0	0	0	0	0	0
Apparel and other textile products	5,740	(D)	(D)	3,672	(D)	(D)	2,717	2,243	2,019	1,722	1,767	1,885
Paper and allied products	22,078	23,921	24,984	27,527	28,878	34,513	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	87,962	93,503	103,162	110,268	121,249	137,565	33,769	37,076	41,343	45,683	49,953	53,470
Chemicals and allied products	124,115	134,617	145,191	180,440	204,268	237,598	3,268	3,860	5,090	5,399	5,789	7,014
Petroleum and coal products	52,050	54,885	61,101	65,057	66,700	72,493	(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	36,628	37,074	34,205	33,048	34,359	39,960	13,382	15,128	15,547	17,028	20,482	21,394
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	2,478	2,266	2,238	2,213	2,148	2,192
Durable goods	530,735	585,910	636,151	644,117	643,869	636,827	609,000	689,528	769,176	807,609	810,109	873,868
Lumber and wood products	645	772	781	1,487	1,538	(D)	4,533	5,509	7,871	10,651	9,370	8,060
Furniture and fixtures	3,017	3,624	3,773	4,574	5,149	4,983	994	1,173	1,912	1,869	(D)	2,444
Primary metal industries	(D)	1,601	(D)	(D)	(D)	(D)	2,553	5,183	3,595	1,284	2,704	2,936
Fabricated metal products	(D)	128,238	(D)	(D)	(D)	(D)	30,565	37,480	42,554	36,452	41,640	41,678
Machinery, except electrical	95,101	108,357	112,405	118,974	132,459	134,246	(D)	(D)	264,776	259,854	(D)	(D)
Electric and electronic equipment	225,920	234,349	242,969	238,753	248,175	232,292	54,998	68,895	71,211	79,997	91,345	98,814
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	5,845	5,330	(D)	(D)	(D)	(D)	(D)	(D)	(D)	220	196
Stone, clay, and glass products	34,265	37,511	43,551	44,182	43,791	45,361	28,179	35,442	38,693	38,965	36,187	36,414
Instruments and related products	22,657	35,448	39,112	38,573	29,671	18,396	15,555	25,064	42,342	52,704	68,580	79,863
Miscellaneous manufacturing industries	30,289	30,165	28,560	31,438	36,984	49,220	5,201	6,745	7,552	8,004	8,239	10,937
Transportation and public utilities	145,727	155,725	168,826	183,256	202,955	220,351	258,555	267,979	284,715	284,920	293,254	304,776
Railroad transportation	10,472	9,376	8,114	9,035	10,694	9,573	42,259	45,797	(D)	41,956	41,077	41,610
Trucking and warehousing	34,725	38,957	39,282	43,470	51,815	56,293	30,525	37,760	41,221	48,911	51,927	52,536
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	−253	−347	−212	150
Other transportation[8]	(D)	21,014	25,586	28,036	32,721	40,144	(D)	(D)	38,066	41,143	36,894	41,834
Communication	54,888	52,495	52,576	56,977	58,952	65,910	96,215	92,362	101,687	87,187	91,061	92,590
Electric, gas, and sanitary services	29,679	(D)	(D)	(D)	(D)	(D)	57,618	58,616	(D)	66,070	72,507	76,056
Wholesale trade	147,111	187,015	197,884	211,616	224,827	277,142	120,429	144,675	165,327	170,932	186,141	170,269
Retail trade	270,861	292,431	320,621	346,290	388,129	415,277	450,763	497,193	555,225	591,005	637,723	679,026
Finance, insurance, and real estate	163,504	182,184	206,505	223,467	264,125	327,831	173,776	205,622	254,441	296,304	318,564	277,739
Banking and credit agencies	50,034	55,622	68,956	80,714	87,776	102,904	65,158	75,022	87,823	102,700	112,482	107,587
Other finance, insurance, and real estate[9]	113,470	126,562	137,549	142,753	176,349	224,927	108,618	130,600	166,618	193,604	206,082	170,152
Services	927,146	1,050,828	1,158,101	1,342,011	1,518,430	1,705,826	900,468	1,032,380	1,162,128	1,332,375	1,495,418	1,638,623
Hotels and other lodging places	8,137	7,891	14,609	26,147	26,781	28,809	40,708	41,985	53,204	63,819	74,950	79,966
Personal services	(D)	(D)	(D)	(D)	(D)	43,511	46,842	53,425	64,377	70,053	78,151	83,251
Private households	16,603	18,515	18,645	18,656	18,808	19,037	18,700	21,343	22,129	22,800	23,687	24,454
Business services	255,567	307,327	350,651	424,083	453,710	514,190	130,503	166,861	188,563	219,473	225,134	255,238
Auto repair, services, and garages	18,352	22,978	25,841	30,087	32,749	38,540	43,369	50,318	57,084	65,336	68,580	75,351
Miscellaneous repair services	12,656	14,563	13,337	13,267	15,180	14,946	20,382	23,553	20,626	25,471	26,269	30,879
Amusement and recreation services	7,513	8,540	10,301	12,262	12,841	13,300	(D)	24,470	28,486	33,639	42,250	46,818
Motion pictures	1,279	1,252	955	979	1,275	5,997	3,772	3,000	3,901	4,864	4,582	4,767
Health services	232,757	252,895	269,194	302,615	352,153	398,478	324,161	351,921	401,859	468,489	542,485	590,082
Legal services	40,636	47,936	52,683	61,772	69,650	79,497	64,443	75,454	85,633	97,812	116,940	124,167
Educational services	(D)	(D)	(D)	(D)	(D)	269,325	14,012	15,721	16,802	16,521	18,434	21,388
Social services	26,737	29,875	34,073	37,808	38,317	40,769	35,475	41,924	49,039	54,680	63,781	73,743
Museums, botanical, zoological gardens	160	171	210	250	270	304	(D)	2,073	2,269	2,382	2,632	3,015
Membership organizations	44,387	48,084	50,984	55,701	63,183	66,375	45,767	49,472	50,844	54,213	58,855	65,105
Miscellaneous services	65,017	72,491	82,443	95,909	144,468	172,748	88,948	110,860	117,312	132,823	148,688	160,399
Government and government enterprises	958,758	1,036,709	1,122,254	1,231,938	1,343,904	1,484,012	949,858	996,628	1,044,646	1,138,276	1,228,022	1,313,141
Federal, civilian	83,913	88,428	95,022	95,079	103,512	114,464	165,744	178,244	194,238	193,254	216,266	232,145
Military	6,703	8,623	9,218	10,252	10,754	10,858	135,171	125,569	125,376	126,752	131,960	133,411
State and local	868,142	939,658	1,018,014	1,126,607	1,229,638	1,358,690	648,943	692,815	725,032	818,270	879,796	947,585

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Tulsa, OK (MSA)						Tuscaloosa, AL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**9,175,478**	**9,649,957**	**10,132,747**	**10,208,792**	**10,396,334**	**10,968,734**	**1,275,854**	**1,398,378**	**1,515,360**	**1,643,052**	**1,768,259**	**1,887,874**
Nonfarm personal income	9,135,508	9,611,202	10,094,037	10,160,779	10,334,123	10,907,077	1,270,364	1,390,423	1,508,706	1,634,575	1,753,511	1,870,694
Farm income[1]	39,970	38,755	38,710	48,013	62,211	61,657	5,490	7,955	6,654	8,477	14,748	17,180
Population (thousands)[2]	721.5	728.5	728.0	732.4	728.4	727.6	137.1	137.7	139.5	142.5	144.7	145.4
Per capita personal income (dollars)	**12,716**	**13,247**	**13,919**	**13,939**	**14,274**	**15,075**	**9,309**	**10,156**	**10,866**	**11,529**	**12,224**	**12,983**
Derivation of total personal income:												
Total earnings by place of work	7,212,914	7,552,135	7,854,238	7,853,252	7,877,992	8,326,867	944,762	1,051,542	1,134,822	1,245,338	1,340,447	1,435,193
Less: Personal contributions for social insurance[3]	443,153	464,513	509,922	514,232	511,214	566,268	54,192	61,572	68,783	72,266	77,887	86,755
Plus: Adjustment for residence	−122,209	−98,032	−107,557	−121,541	−108,444	−121,737	−14,798	−23,275	−29,168	−34,398	−33,837	−34,459
Equals: Net earnings by place of residence	6,647,552	6,989,590	7,236,759	7,217,479	7,258,334	7,638,862	875,772	966,695	1,036,871	1,138,674	1,228,723	1,313,979
Plus: Dividends, interest, and rent[5]	1,463,763	1,582,748	1,737,624	1,708,530	1,777,357	1,893,232	161,901	183,131	204,173	208,692	228,259	248,739
Plus: Transfer payments	1,064,163	1,077,619	1,158,364	1,282,783	1,360,643	1,436,640	238,181	248,552	274,316	295,686	311,277	325,156
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,789,887	6,038,474	6,272,943	6,236,855	6,208,590	6,593,345	768,415	854,543	925,667	1,005,976	1,078,676	1,155,484
Other labor income	651,900	658,717	651,288	672,132	656,107	695,410	84,992	92,785	96,624	107,670	116,735	125,582
Proprietors' income[6]	771,127	854,944	930,007	944,265	1,013,295	1,038,112	91,355	104,214	112,531	131,692	145,036	154,127
Farm	33,205	32,091	32,211	41,620	55,470	54,943	4,619	7,104	5,799	7,619	13,834	16,253
Nonfarm	737,922	822,853	897,796	902,645	957,825	983,169	86,736	97,110	106,732	124,073	131,202	137,874
Earnings by industry:												
Farm	39,970	38,755	38,710	48,013	62,211	61,657	5,490	7,955	6,654	8,477	14,748	17,180
Nonfarm	7,172,944	7,513,380	7,815,528	7,805,239	7,815,781	8,265,210	939,272	1,043,587	1,128,168	1,236,861	1,325,699	1,418,013
Private	6,543,352	6,854,600	7,106,891	7,061,104	7,069,222	7,471,092	661,767	752,298	809,333	896,660	967,765	1,036,002
Agricultural services, forestry, fisheries, and other[7]	20,888	22,613	23,224	23,176	29,290	30,589	2,949	3,411	3,205	3,489	4,869	5,221
Agricultural services	20,436	22,366	22,913	22,815	28,931	30,208	2,295	2,550	2,665	3,434	4,720	5,075
Forestry, fisheries, and other[7]	452	247	311	361	359	381	654	861	540	55	149	146
Mining	875,134	821,375	812,161	713,569	633,485	657,927	89,036	116,744	139,794	135,439	122,246	126,617
Coal mining	(D)	(D)	(D)	14,231	(D)	(D)	85,017	112,182	133,391	130,553	117,989	121,371
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,716	4,976
Metal mining	(D)	(D)	(D)	692	(D)	1,200	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	541	270
Construction	484,422	524,386	491,383	463,048	429,620	423,888	37,186	44,018	51,109	61,137	69,700	71,931
Manufacturing	1,327,479	1,448,104	1,516,651	1,496,376	1,473,271	1,578,343	195,763	218,551	217,326	251,638	277,956	296,532
Nondurable goods	246,999	296,245	300,167	311,555	307,927*	300,253*	145,959	152,641	168,759	195,128	210,530	216,692
Food and kindred products	49,615*	52,584*	55,047*	58,559*	61,333*	62,650*	15,998	17,044	18,248	17,981	21,390	21,496
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)	3,096	1,682	2,554	3,182
Paper and allied products	8,427	9,784	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	24,813
Printing and publishing	70,378*	76,253*	81,883*	82,965*	82,502*	82,259*	6,452	6,754	8,007	8,981	9,921	12,099
Chemicals and allied products	30,720*	34,506*	33,299*	32,128*	21,061*	12,742*	(D)	(D)	(D)	(D)	(D)	2,751
Petroleum and coal products	45,061	72,089	69,626	80,233	86,052	81,908	23,401	22,850	21,670	23,913	25,846	26,155
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	26,939*	33,120*	32,880*	32,771*	35,073*	40,674*	(D)	(D)	88,180	113,929	123,046	126,196
Leather and leather products	(D)	(D)	(D)	(D)	146	(D)	0	0	0	0	0	0
Durable goods	1,080,480	1,151,859	1,216,484	1,184,821	1,145,251*	1,254,219*	49,804	65,910	48,567	56,510	67,426	79,840
Lumber and wood products	11,133*	12,549*	9,126*	8,210*	8,396	7,943	13,553	18,688	20,063	20,478	22,969	22,732
Furniture and fixtures	11,751*	14,989*	15,482	17,931	14,911	20,235	(D)	(D)	374	273	217	151
Primary metal industries	51,959*	58,833*	57,721*	56,174*	51,035*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	246,436*	243,146*	246,574*	228,363*	203,937*	243,855*	18,461	25,345	6,205	6,405	5,969	6,361
Machinery, except electrical	303,467*	328,252*	349,683*	319,883*	305,761*	330,286	3,578	4,053	13,451	15,017	14,833	21,163
Electric and electronic equipment	71,417*	79,923*	80,450*	72,474*	73,735*	80,191*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	196,838*	204,762*	243,565*	266,657*	239,035*	(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	103,378*	109,403*	116,957*	116,566*	121,874*	135,914*	2,970	3,836	4,253	5,444	5,964	6,742
Instruments and related products	16,846*	(D)	(D)	(D)	19,226*	20,878*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	31,098	46,786	40,364	39,912	44,154	45,776*	(D)	1,381	1,217	1,351	1,494	1,856
Transportation and public utilities	725,475	723,343	772,263	826,474	858,152	904,415	47,318	51,772	55,282	57,844	59,808	65,437
Railroad transportation	26,758	28,035	24,551	24,588	24,453	22,118	3,385	3,311	3,057	2,155	(D)	(D)
Trucking and warehousing	110,792*	(D)	122,171*	125,865	120,580	125,777	13,503	17,115	18,878	19,959	21,086	25,368
Water transportation	(D)	2,041*	(D)	(D)	(D)	(D)	4,266	4,846	5,083	5,413	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,400	1,288	1,341	1,256	1,812	2,070
Communication	132,038*	124,383*	136,716	136,297*	166,741*	163,542*	12,674	11,653	12,033	13,255	13,160	13,362
Electric, gas, and sanitary services	(D)	121,437*	(D)	(D)	134,766*	135,822*	12,090	13,559	14,890	15,806	17,412	18,483
Wholesale trade	576,779	579,197	603,623	583,004	579,916	649,213	29,344	33,310	36,410	38,718	42,533	49,270
Retail trade	686,235	733,446	757,243	747,797	725,258	786,561	98,108	104,528	110,145	119,548	128,292	137,262
Finance, insurance, and real estate	405,540	434,281	454,502	482,739	492,231	490,600	29,940	31,753	34,875	41,034	43,371	44,883
Banking and credit agencies	(D)	(D)	167,152*	171,589*	165,621*	156,321*	13,045	13,972	15,184	16,779	16,868	18,016
Other finance, insurance, and real estate[9]	(D)	(D)	274,800*	297,674*	311,823*	314,309*	16,895	17,781	19,691	24,255	26,503	26,867
Services	1,441,400	1,567,855	1,675,841	1,724,921	1,847,999	1,949,556	132,123	148,211	161,187	187,813	218,990	238,849
Hotels and other lodging places	35,257*	39,956*	39,811*	34,835*	33,735*	32,674*	4,717	4,884	5,647	5,074	6,021	6,387
Personal services	69,382	69,628	86,226	92,580	91,878	95,912	8,532	9,230	10,974	11,713	13,294	14,225
Private households	26,805	29,676	29,683	29,464	29,113	27,923*	(D)	(D)	(D)	(D)	(D)	(D)
Business services	269,363	319,348	347,294	342,441	376,401	386,962	11,748	12,606	14,201	16,583	19,597	23,520
Auto repair, services, and garages	67,333	76,681	86,656	88,397	87,967	95,210	7,191	7,600	8,440	9,674	10,222	10,890
Miscellaneous repair services	20,316	22,896	25,065	23,327	26,817	32,244	1,957	2,336	2,251	2,741	2,959	3,300
Amusement and recreation services	25,185*	33,296*	28,955*	27,474*	28,483*	27,948*	1,588	1,828	2,000	2,357	2,519	2,710
Motion pictures	4,519*	5,951*	7,919*	4,073	4,305	4,732	(D)	(D)	(D)	(D)	(D)	(D)
Health services	475,929	490,860	523,597	559,022	623,444	657,944	51,902	57,997	61,306	70,351	88,419	94,553
Legal services	110,580	133,645	149,203	166,031	177,423	198,786	10,128	11,832	12,836	14,446	15,651	17,417
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	3,927	4,510	5,036	5,239	5,695	6,265
Social services	35,123*	40,137	40,429*	44,716*	50,135	52,026	2,193	2,468	2,559	2,681	3,243	4,693
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	56,196	57,351	58,211	58,770	60,229	65,045	6,918	7,153	7,023	7,868	8,098	8,514
Miscellaneous services	175,604	178,513	179,682	178,227	181,126	187,583	17,103	21,139	24,285	34,450	38,590	41,647
Government and government enterprises	629,592	658,780	708,637	744,135	746,559	794,118	277,505	291,289	318,835	340,201	357,934	382,011
Federal, civilian	117,484	127,982	136,219	137,399	144,874	156,754	37,962	40,569	41,325	44,282	45,913	48,176
Military	24,665	24,935	26,239	29,126	33,275	34,466	7,009	7,222	8,064	8,858	9,527	9,893
State and local	487,443	505,863	546,179	577,610	568,410	602,898	232,534	243,498	269,446	287,061	302,494	323,942

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Tyler, TX (MSA)						Utica—Rome, NY (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,780,761**	**1,929,063**	**2,078,015**	**2,122,536**	**2,231,179**	**2,311,985**	**3,349,960**	**3,644,913**	**3,802,034**	**3,990,464**	**4,200,077**	**4,489,537**
Nonfarm personal income	1,748,482	1,915,648	2,051,569	2,098,934	2,208,674	2,287,555	3,337,026	3,626,352	3,782,171	3,968,876	4,176,398	4,468,525
Farm income[1]	32,279	13,415	26,446	23,602	22,505	24,430	12,934	18,561	19,863	21,588	23,679	21,012
Population (thousands)[2]	141.8	146.2	150.5	151.7	153.0	152.6	318.6	317.8	316.5	314.0	312.9	312.6
Per capita personal income (dollars)	**12,554**	**13,198**	**13,805**	**13,987**	**14,586**	**15,154**	**10,513**	**11,468**	**12,013**	**12,707**	**13,422**	**14,362**
Derivation of total personal income:												
Total earnings by place of work	1,362,869	1,498,012	1,587,237	1,592,269	1,666,392	1,706,062	2,164,432	2,375,864	2,481,202	2,610,351	2,763,068	2,965,829
Less: Personal contributions for social insurance[3]	71,214	79,831	89,054	90,662	94,507	101,384	131,988	146,284	159,595	174,226	183,792	206,540
Plus: Adjustment for residence	−65,977	−78,075	−78,292	−80,525	−80,367	−77,667	29,529	27,343	33,608	33,350	32,670	31,278
Equals: Net earnings by place of residence	1,225,678	1,340,106	1,419,891	1,421,082	1,491,518	1,527,011	2,061,973	2,256,923	2,355,215	2,469,475	2,611,946	2,790,567
Plus: Dividends, interest, and rent[5]	336,777	361,388	404,504	419,340	435,905	471,893	552,992	616,766	637,643	661,683	688,486	754,541
Plus: Transfer payments	218,306	227,569	253,620	282,114	303,756	313,081	734,995	771,224	809,176	859,306	899,645	944,429
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,039,058	1,163,673	1,212,617	1,219,109	1,242,029	1,267,246	1,801,833	1,969,489	2,074,667	2,176,906	2,308,105	2,480,279
Other labor income	117,627	126,149	122,280	128,424	132,693	135,167	178,404	187,657	187,286	195,377	203,107	217,434
Proprietors' income[6]	206,184	208,190	252,340	244,736	291,670	303,649	184,195	218,718	219,249	238,068	251,856	268,116
Farm	27,952	9,159	22,259	19,469	18,131	20,057	4,037	9,846	11,241	13,024	14,604	11,867
Nonfarm	178,232	199,031	230,081	225,267	273,539	283,592	180,158	208,872	208,008	225,044	237,252	256,249
Earnings by industry:												
Farm	32,279	13,415	26,446	23,602	22,505	24,430	12,934	18,561	19,863	21,588	23,679	21,012
Nonfarm	1,330,590	1,484,597	1,560,791	1,568,667	1,643,887	1,681,632	2,151,498	2,357,303	2,461,339	2,588,763	2,739,389	2,944,817
Private	1,189,414	1,330,251	1,389,013	1,389,870	1,450,817	1,477,623	1,596,020	1,757,542	1,821,273	1,923,844	2,025,680	2,170,897
Agricultural services, forestry, fisheries, and other[7]	6,419	7,489	7,539	7,657	10,528	10,591	5,045	5,174	5,413	5,667	7,477	8,662
Agricultural services	6,300	7,404	7,490	7,638	10,454	10,503	4,318	4,649	4,738	5,002	6,903	8,052
Forestry, fisheries, and other[7]	119	85	(L)	(L)	74	88	727	525	675	665	574	610
Mining	122,149	130,025	118,182	78,816	69,615	67,042	6,837	7,929	10,466	6,367	6,133	6,015
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	663	484	515	251	252
Oil and gas extraction	121,939	129,826	118,005	78,626	69,414	66,864	3,954	4,475	6,596	1,894	1,751	1,718
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,798	3,390	3,959	4,108	4,027
Construction	92,945	105,569	103,628	109,018	96,062	93,907	81,168	98,806	111,017	124,440	136,299	148,438
Manufacturing	293,308	337,125	329,497	350,526	347,896	346,560	599,314	654,275	647,173	652,449	658,782	690,078
Nondurable goods	104,253	115,632	116,196	124,927	129,259	132,549	115,850	119,516	115,061	111,659	113,405	120,731
Food and kindred products	14,460	14,498	14,554	15,212	12,732	(D)	31,385	32,194	29,372	29,264	28,122	28,112
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	16,105	15,030	13,977
Apparel and other textile products	7,376	7,489	10,193	(D)	(D)	4,073	(D)	9,369*	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	10,900	11,797	12,236	(D)	15,129	14,890	15,238	16,145	17,446
Printing and publishing	7,326	8,400	8,313	7,036	7,054	7,584	18,437	19,682	20,532	22,666	24,590	26,837
Chemicals and allied products	2,693	2,040	2,271	2,574	2,626	1,625	600	655	753	859	1,137	(D)
Petroleum and coal products	13,993	16,237	12,433	11,932	16,352	16,040	4,421	4,053	5,803	3,823	4,913	4,709
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)	2,602	(D)	3,645
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	189,055	221,493	213,301	225,599	218,637	214,011	483,464	534,759	532,112	540,790	545,377	569,347
Lumber and wood products	4,439	5,064	6,409	5,332	5,591	3,345	2,575	3,043	3,332	8,037	9,962	9,728
Furniture and fixtures	(D)	(D)	1,952	1,905	2,155	2,312	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	73,911	(D)	(D)	(D)	(D)	106,469*	126,849*	116,980	113,794	109,838*	113,786
Fabricated metal products	10,984	12,640	10,256	11,583	10,282	11,818	(D)	(D)	(D)	66,574	59,855	73,034
Machinery, except electrical	94,175	114,316	109,461	123,858	118,682	114,856	91,220	102,169	93,762	84,515	71,708	71,832
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	(D)	33,378	36,713	42,056	45,932	44,856
Motor vehicles and equipment	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,518	5,634	5,592	5,817	5,686	6,860	5,695	6,240	6,751	7,038	7,137*	7,641*
Instruments and related products	(D)	(D)	(D)	(D)	527	1,289	10,522	11,718	9,126	10,334	12,741	(D)
Miscellaneous manufacturing industries	6,170	8,075	7,619	5,135	5,075	6,031	(D)	(D)	(D)	(D)	(D)	48,230
Transportation and public utilities	82,282	87,394	109,869	90,313	128,573	130,394	119,093	129,875	135,369	139,393	129,131	133,952
Railroad transportation	11,901	13,623	13,474	11,408	9,544	8,821	6,743	7,684	8,257	7,167	6,830	4,930
Trucking and warehousing	17,417	19,041	19,877	20,439	23,451	25,673	28,033	31,168	29,243	28,690	31,125	33,694
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	16,813	23,942	28,433	33,084	21,000	24,317
Communication	30,356	28,183	47,924	29,152	67,440	67,650	46,678	43,921	44,974	47,365	47,994	47,596
Electric, gas, and sanitary services	18,431	21,353	23,049	24,063	23,026	22,269	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	72,613	80,629	87,053	88,164	86,589	88,358	99,062	110,094	107,922	114,733	126,644	135,036
Retail trade	182,557	195,835	207,771	210,916	215,312	214,854	206,003	220,916	235,546	253,504	268,127	286,555
Finance, insurance, and real estate	66,401	75,450	87,270	93,517	94,590	92,302	112,882	123,290	119,116	134,062	149,737	163,899
Banking and credit agencies	28,271	31,200	34,444	35,498	35,362	33,768	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	38,130	44,250	52,826	58,019	59,228	58,534	73,697*	78,530*	83,545*	92,983*	103,865*	114,896*
Services	270,740	310,735	338,204	360,943	401,652	433,615	366,616	407,183	449,251	493,229	543,350	598,262
Hotels and other lodging places	2,898	3,748	4,733	2,645	4,416	4,174	6,530	6,311	6,532	6,255	7,912	7,923
Personal services	17,463	19,194	23,687	24,182	24,071	26,590	24,250	26,257	31,435	32,602	35,260	37,261
Private households	7,712	8,676	8,838	8,951	9,021	9,111	6,777	7,518	7,529	7,498	7,528	7,605
Business services	45,272	51,222	55,281	52,880	55,442	60,740	41,288	50,661	53,790	63,561	71,886	79,236
Auto repair, services, and garages	12,925	14,469	16,575	16,827	17,637	19,176	13,644	15,581	19,837	22,084	23,679	26,642
Miscellaneous repair services	4,752	6,158	6,077	6,442	6,265	6,668	7,641	8,048	7,514	8,293	9,112	11,125
Amusement and recreation services	6,021	6,935	7,450	7,063	7,105	7,008	7,932	8,930	9,905	10,990	11,566	12,629
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	106,529	119,930	126,503	138,795	167,621	185,694	154,059	165,991	183,526	193,613	212,856	229,162
Legal services	19,366	23,762	30,497	35,094	36,964	39,868	20,658	24,642	26,947	29,329	30,025	33,304
Educational services	3,046	3,305	3,461	3,562	3,885	4,120	21,072	23,139	25,129	27,711	30,629	34,025
Social services	3,985	4,599	5,020	6,070	6,557	8,960	14,740	16,052	18,728	21,839	27,905	33,754
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	459*	515*	536*	602*
Membership organizations	8,240	8,666	9,714	10,586	10,954	12,075	23,758	25,400	27,239	28,686	30,524	34,808
Miscellaneous services	31,991	39,386	39,679	47,403	51,339	49,006	23,745	27,987	30,395	40,033	43,698	49,905
Government and government enterprises	141,176	154,346	171,778	178,797	193,070	204,009	555,478	599,761	640,066	664,919	713,709	773,920
Federal, civilian	16,454	18,381	20,780	21,183	22,660	25,094	119,479	123,400	131,288	134,011	136,725	142,409
Military	2,404	2,425	2,843	3,068	3,413	3,567	84,864	94,627	99,555	94,060	95,810	96,001
State and local	122,318	133,540	148,155	154,546	166,997	175,348	351,135	381,734	409,223	436,848	481,174	535,510

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Vallejo—Fairfield—Napa, CA (PMSA)						Vancouver, WA (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,571,609**	**4,947,363**	**5,461,242**	**5,901,324**	**6,387,177**	**7,011,608**	**2,235,291**	**2,427,219**	**2,584,320**	**2,762,327**	**2,988,770**	**3,255,512**
Nonfarm personal income	4,502,991	4,868,355	5,374,486	5,808,761	6,296,540	6,913,849	2,217,681	2,408,984	2,564,963	2,738,153	2,963,866	3,230,743
Farm income[1]	68,618	79,008	86,756	92,563	90,637	97,759	17,610	18,235	19,357	24,174	24,904	24,769
Population (thousands)[2]	363.8	368.5	377.9	391.8	405.9	420.7	200.8	203.3	207.0	212.6	218.1	226.2
Per capita personal income (dollars)	**12,567**	**13,425**	**14,452**	**15,062**	**15,736**	**16,666**	**11,134**	**11,937**	**12,484**	**12,996**	**13,707**	**14,391**
Derivation of total personal income:												
Total earnings by place of work	2,651,753	2,907,184	3,191,329	3,419,227	3,662,506	4,018,123	1,223,139	1,384,314	1,431,407	1,538,553	1,661,376	1,858,424
Less: Personal contributions for social insurance[3]	152,856	168,178	190,872	207,527	223,450	254,626	70,273	79,833	87,329	96,114	103,902	121,397
Plus: Adjustment for residence	589,640	645,873	729,511	858,543	1,009,780	1,139,642	382,793	369,826	420,586	445,278	487,159	509,294
Equals: Net earnings by place of residence	3,088,537	3,384,879	3,729,968	4,070,243	4,448,836	4,903,139	1,535,659	1,674,307	1,764,664	1,887,717	2,044,633	2,246,321
Plus: Dividends, interest, and rent[5]	671,146	728,161	802,968	840,900	886,374	975,292	337,556	365,710	395,158	429,878	470,284	517,802
Plus: Transfer payments	811,926	834,323	928,306	990,181	1,051,967	1,133,177	362,076	387,202	424,498	444,732	473,853	491,389
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,165,679	2,355,566	2,592,928	2,773,817	2,958,301	3,250,796	986,551	1,115,814	1,156,135	1,237,482	1,332,678	1,505,276
Other labor income	185,119	200,302	210,760	230,950	247,729	276,114	93,177	103,520	102,290	107,183	113,908	127,082
Proprietors' income[6]	300,955	351,316	387,641	414,460	456,476	491,213	143,411	164,980	172,982	193,888	214,790	226,066
Farm	38,492	48,584	55,145	61,273	59,613	65,714	14,495	15,158	16,386	21,258	21,833	21,698
Nonfarm	262,463	302,732	332,496	353,187	396,863	425,499	128,916	149,822	156,596	172,630	192,957	204,368
Earnings by industry:												
Farm	68,618	79,008	86,756	92,563	90,637	97,759	17,610	18,235	19,357	24,174	24,904	24,769
Nonfarm	2,583,135	2,828,176	3,104,573	3,326,664	3,571,869	3,920,364	1,205,529	1,366,079	1,412,050	1,514,379	1,636,472	1,833,655
Private	1,555,949	1,766,155	1,960,036	2,148,360	2,293,031	2,509,666	965,237	1,111,619	1,135,340	1,225,759	1,334,536	1,512,189
Agricultural services, forestry, fisheries, and other[7]	23,180	25,256	26,410	27,575	38,930	46,456	7,150	6,270	6,270	6,313	8,269	8,867
Agricultural services	22,542	24,888	25,743	26,754	38,299	45,759	3,805	3,762	3,504	3,802	6,024	6,827
Forestry, fisheries, and other[7]	638	368	667	821	631	697	3,345	2,508	2,766	2,511	2,245	2,040
Mining	15,343	15,469	17,052	11,092	11,172	11,550	4,244	4,292	3,697	2,369	3,875	7,791
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	10,995	11,325	2,210	2,276	2,867	959	(D)	(D)
Metal mining	(L)	(L)	(L)	0	(L)	(L)	0	0	0	0	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	154	206	2,025	1,999	816	1,397	968	891
Construction	197,347	245,217	286,936	345,079	375,853	431,569	89,052	135,090	101,193	113,712	135,168	158,949
Manufacturing	283,453	301,909	325,018	350,075	338,085	363,441	351,281	400,733	415,950	432,681	450,168	498,093
Nondurable goods	192,088	203,513	225,189	245,640	242,331	266,739	170,991	187,981	200,744	201,408	221,977	240,144
Food and kindred products	114,074	124,072	138,020	152,847	154,007	171,701	27,890	28,816	31,776	27,140	32,862	37,101
Textile mill products	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,843*	7,554*	7,815*	7,054*	7,824*	10,220*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	859	1,023	(D)	(D)	(D)	2,416*	(D)	120,880	128,707	133,424	143,766	149,174
Printing and publishing	14,609	15,985	19,609	21,867	21,931	23,699	11,974	13,019	13,800	14,746	15,771	16,368
Chemicals and allied products	(D)	(D)	(D)	11,077*	11,436*	14,248	4,122	3,406	4,853	3,912	3,989	6,379
Petroleum and coal products	37,880	37,131	36,590	36,780	34,807	30,442	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)	11,970	6,830	7,172	6,694	7,762	10,830	16,812
Leather and leather products	(D)	(D)	2,313	2,783	997	1,088	(D)	(D)	(D)	(D)	103	(D)
Durable goods	91,365	98,396	99,829	104,435	95,754	96,702	180,290	212,752	215,206	231,273	228,191	257,949
Lumber and wood products	3,956	4,449	3,257	4,185	4,948	5,571	31,375	34,799	32,077	35,858	42,023	44,310
Furniture and fixtures	(D)	(D)	7,093*	6,790*	6,727*	7,046*	3,393	4,140	4,405	3,799	3,898	4,810
Primary metal industries	22,101	25,914	(D)	(D)	(D)	(D)	38,855	38,890	42,361	33,539	23,126	36,093
Fabricated metal products	(D)	14,288	18,409	28,257	32,848	31,098	12,148	13,118	12,593	15,009	16,037	14,525
Machinery, except electrical	8,923	10,016	11,605	11,827	11,760	13,504	33,086	43,280	37,423	41,674	45,540	53,330
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	13,209	21,955	30,502	41,217	44,723	50,538
Transportation equip. excl. motor vehicles	13,762*	(D)	910	1,382*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,842	2,613*	2,560*	3,274*	3,674*	6,079*	(D)	(D)	(D)	810	(D)	(D)
Stone, clay, and glass products	14,094	17,233	18,779	20,900	17,790	15,448	3,690	3,004	2,982	2,223	1,966	2,507
Instruments and related products	2,861	3,997	4,527	3,348	3,256	3,552	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,376*	1,908	2,187	2,530	3,039	3,456	1,689	2,110	1,924	1,958	2,023	2,267
Transportation and public utilities	133,284	137,089	141,806	151,812	161,045	159,195	85,816	96,115	100,607	107,573	116,314	102,280
Railroad transportation	3,635	3,625	3,142	2,839	2,597	1,485	23,404	24,431	21,799	21,209	21,496	19,876
Trucking and warehousing	30,697	40,349	42,157	45,590	49,617	51,737	20,444	25,028	24,271	26,503	29,750	34,412
Water transportation	4,687*	5,335	8,932	8,179*	9,264	6,352*	13,349	11,802	11,134	11,435	12,315	13,844
Other transportation[8]	26,139	(D)	(D)	(D)	(D)	(D)	3,293	3,789	5,153	6,064	6,505	7,989
Communication	(D)	(D)	(D)	(D)	(D)	(D)	23,318	29,062	36,050	40,324	42,346	18,580
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	48,682	2,008	2,003	2,200	1,988	3,902	7,579
Wholesale trade	68,695	79,292	89,909	99,360	109,762	120,862	40,547	44,569	52,149	60,057	66,234	93,294
Retail trade	321,683	347,762	374,654	398,703	415,119	453,871	130,287	138,410	140,945	148,505	160,971	183,371
Finance, insurance, and real estate	67,459	82,069	100,609	110,604	120,983	128,574	48,302	54,834	53,375	62,067	72,349	101,207
Banking and credit agencies	36,269	45,135	53,715	50,235	53,599	56,529	18,778	20,716	21,943	24,642	29,100	(D)
Other finance, insurance, and real estate[9]	31,190	36,934	46,894	60,369	67,384	72,045	29,524	34,118	31,432	37,425	43,249	(D)
Services	445,505	532,092	597,642	654,060	722,082	794,148	208,558	231,306	261,154	292,482	321,188	358,337
Hotels and other lodging places	12,367	14,338	14,967	15,663	19,810	34,380	5,874	5,370	6,190	7,895	11,355	13,627
Personal services	24,950	28,288	35,313	38,449	41,793	44,995	13,245	14,450	17,843	20,912	22,598	23,588
Private households	7,251	8,163	8,343	8,495	8,716	8,982	2,943	3,288	3,329	3,352	3,419	3,521
Business services	73,917	92,448	101,285	104,351	105,179	123,713	28,772	36,162	41,024	46,308	56,879	62,757
Auto repair, services, and garages	30,177	36,787	41,394	45,802	48,674	54,061	14,824	17,517	19,558	22,204	23,028	24,013
Miscellaneous repair services	13,477	21,197	23,772	23,863	21,981	28,333	7,285	7,773	7,095	9,158	9,154	10,212
Amusement and recreation services	13,408	(D)	(D)	(D)	(D)	(D)	4,825	5,715	7,294	8,067	9,552	10,292
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	836	723	(D)
Health services	175,746	211,291	236,503	261,306	295,621	314,242	83,149	85,160	97,534	104,716	111,092	123,482
Legal services	14,404	17,317	19,615	21,767	23,766	26,390	10,642	12,032	14,182	16,879	18,698	23,586
Educational services	18,346	18,697	20,999	20,137	21,042	23,116	4,113	5,172	6,306	6,547	7,228	7,850
Social services	11,013	13,830	17,022	21,231	25,057	22,699	6,717	8,263	8,806	8,881	10,558	12,387
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Membership organizations	25,219	26,125	28,908	30,031	32,392	35,060	13,140	13,678	14,414	13,920	14,439	16,565
Miscellaneous services	23,939	26,816	29,964	39,613	43,843	48,199	12,338	15,725	16,480	22,807	22,465	25,408
Government and government enterprises	1,027,186	1,062,021	1,144,537	1,178,304	1,278,838	1,410,698	240,292	254,460	276,710	288,620	301,936	321,466
Federal, civilian	442,160	452,745	489,252	472,231	502,497	549,812	72,468	73,295	80,503	79,379	79,501	82,746
Military	234,364	228,277	229,851	233,217	262,951	318,937	5,764	6,319	6,815	7,202	7,567	7,993
State and local	350,662	380,999	425,434	472,856	513,390	541,949	162,060	174,846	189,392	202,039	214,868	230,727

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Victoria, TX (MSA)						Vineland—Millville—Bridgeton, NJ (PMSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**922,908**	**988,818**	**1,038,570**	**1,024,207**	**1,040,996**	**1,088,251**	**1,434,101**	**1,534,608**	**1,631,224**	**1,748,789**	**1,877,847**	**2,039,939**
Nonfarm personal income	916,645	983,862	1,032,848	1,018,590	1,031,063	1,077,186	1,416,463	1,516,353	1,611,393	1,728,989	1,853,478	2,016,035
Farm income[1]	6,263	4,956	5,722	5,617	9,933	11,065	17,638	18,255	19,831	19,800	24,369	23,904
Population (thousands)[2]	74.5	74.7	75.3	76.0	74.8	74.3	133.0	133.8	134.8	137.0	137.5	138.4
Per capita personal income (dollars)	**12,388**	**13,231**	**13,792**	**13,476**	**13,925**	**14,653**	**10,783**	**11,469**	**12,098**	**12,764**	**13,656**	**14,734**
Derivation of total personal income:												
Total earnings by place of work	646,713	686,702	716,080	676,454	681,013	702,073	989,402	1,036,631	1,088,656	1,192,180	1,305,152	1,414,548
Less: Personal contributions for social insurance[3]	34,222	36,612	40,476	38,674	38,734	41,776	59,940	64,028	70,337	82,142	89,880	101,858
Plus: Adjustment for residence	58,683	64,183	66,368	67,784	62,852	69,343	−13,339	11,163	35,909	24,526	15,300	25,452
Equals: Net earnings by place of residence	671,174	714,273	741,972	705,564	705,131	729,640	916,123	983,766	1,054,228	1,134,564	1,230,572	1,338,142
Plus: Dividends, interest, and rent[4]	151,126	172,599	186,902	193,305	202,209	219,746	218,993	236,724	254,951	268,948	285,119	314,481
Plus: Transfer payments	100,608	101,946	109,696	125,338	133,656	138,865	298,985	314,118	322,045	345,277	362,156	387,316
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	505,316	538,484	559,399	514,176	510,260	524,795	812,793	851,224	891,510	985,484	1,077,243	1,170,503
Other labor income	54,578	55,279	53,697	50,814	50,828	52,449	91,482	89,926	87,930	97,353	106,107	113,780
Proprietors' income[5]	86,819	92,939	102,984	111,464	119,925	124,829	85,127	95,481	109,216	109,343	121,802	130,265
Farm	4,742	3,459	4,251	4,166	8,404	9,540	7,984	8,893	10,647	10,748	14,783	14,255
Nonfarm	82,077	89,480	98,733	107,298	111,521	115,289	77,143	86,588	98,569	98,595	107,019	116,010
Earnings by industry:												
Farm	6,263	4,956	5,722	5,617	9,933	11,065	17,638	18,255	19,831	19,800	24,369	23,904
Nonfarm	640,450	681,746	710,358	670,837	671,080	691,008	971,764	1,018,376	1,068,825	1,172,380	1,280,783	1,390,644
Private	568,606	605,110	627,409	583,501	578,929	592,574	813,367	847,299	885,001	972,610	1,066,011	1,154,952
Agricultural services, forestry, fisheries, and other[7]	2,368	2,647	2,570	2,275	2,871	3,268	6,370	6,876	7,232	7,648	9,877	10,386
Agricultural services	2,310	2,634	2,488	2,145	2,786	3,174	5,107	5,504	5,401	5,547	8,053	8,594
Forestry, fisheries, and other[7]	58	(L)	82	130	85	94	1,263	1,372	1,831	2,101	1,824	1,792
Mining	78,340	85,056	80,725	48,823	45,053	43,121	9,368	9,822	10,463	10,229	10,402	12,861
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,606	1,722	2,544	736	720	711
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	7,757	8,095	7,915	9,488	9,680	12,148
Construction	73,791	75,646	74,047	65,942	62,005	59,573	49,040	58,312	63,601	69,990	80,980	90,310
Manufacturing	97,798	98,763	100,752	101,295	102,309	110,079	327,921	337,000	331,694	369,745	398,887	407,795
Nondurable goods	70,749	71,078	71,696	76,138	78,212	85,697	99,563	96,228	103,473	113,296	122,414	125,690
Food and kindred products	3,043	3,111	3,235	4,550	5,217	5,617	38,427	39,274	43,390	51,617	58,347	61,994
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	0	(D)	(D)	(D)	51	(D)	20,419	19,296	19,695	18,002	16,260	13,954
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	9,846
Printing and publishing	4,088	4,453	4,927	4,767	4,841	5,028	8,410	8,332	9,066	9,786	11,382	12,660
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,523	6,673	7,179	6,718	5,852	6,098
Petroleum and coal products	0	0	0	0	0	0	0	0	0	0	0	(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)	17,681	17,098	18,488	18,775	19,747	20,061
Leather and leather products	(D)	0	0	0	0	0	0	0	0	0	0	0
Durable goods	27,049	27,685	29,056	25,157	24,097	24,382	228,358	240,772	228,221	256,449	276,473	282,105
Lumber and wood products	(D)	333	226	188	87	(D)	2,843	3,813	(D)	(D)	(D)	(D)
Furniture and fixtures	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	217	(D)	(D)	(D)	(D)	(D)	1,198	(D)	(D)	(D)	(D)
Fabricated metal products	3,883	(D)	(D)	(D)	(D)	3,670	6,081	6,412	6,413	9,972	7,705	6,841
Machinery, except electrical	13,163	12,494	13,895	8,697	7,374	7,505	14,436	13,305	13,481	9,564	10,044	9,980
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)	2,759	17,904	19,534	22,112	25,879	33,279
Motor vehicles and equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	964	707
Stone, clay, and glass products	6,990	7,254	7,321	8,399	8,869	8,089	188,599	184,364	170,006	191,141	206,657	207,056
Instruments and related products	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	332	458	461	369	364	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	42,176	46,914	48,785	48,293	43,637	42,668	68,312	58,599	57,572	66,301	70,579	72,111
Railroad transportation	5,594	7,022	7,576	6,839	6,394	6,338	(D)	1,319	1,009	870	705	732
Trucking and warehousing	9,523	11,709	12,441	11,999	12,024	11,821	34,775	37,564	36,866	44,732	47,632	48,072
Water transportation	0	0	0	0	0	0	91	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	1,222	1,189	1,612	1,712	1,057	1,260	(D)	(D)	(D)	(D)	(D)	(D)
Communication	10,797	9,862	9,567	9,214	8,229	7,910	10,064	8,871	8,337	8,365	9,157	9,722
Electric, gas, and sanitary services	15,040	17,132	17,589	18,529	15,933	15,339	6,242	6,967	7,341	7,188	7,153	7,766
Wholesale trade	36,154	36,896	44,263	36,183	34,279	35,915	43,247	47,300	51,994	56,254	65,074	73,220
Retail trade	85,744	90,267	92,512	88,860	85,334	85,730	96,695	103,934	110,204	119,395	124,964	143,306
Finance, insurance, and real estate	29,421	31,149	35,164	35,707	38,975	40,129	50,390	52,750	58,503	64,449	72,112	85,527
Banking and credit agencies	17,384	19,269	22,245	20,714	19,879	(D)	14,716	(D)	16,178	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	12,037	11,880	12,919	14,993	19,096	(D)	35,674	(D)	42,325	(D)	(D)	(D)
Services	122,814	137,772	148,591	156,123	164,466	172,091	162,024	172,706	193,738	208,599	233,136	259,436
Hotels and other lodging places	2,082	2,205	2,094	1,894	1,852	1,752	(D)	(D)	(D)	2,139	2,372	2,815
Personal services	7,522	8,101	9,380	10,062	10,118	11,197	8,528	9,507	12,004	11,990	12,838	14,378
Private households	4,388	4,940	5,031	5,092	5,130	5,183	1,374	1,528	1,539	1,541	1,554	1,574
Business services	21,111	23,152	26,770	24,717	22,775	22,873	29,153	27,887	34,500	37,578	45,699	44,231
Auto repair, services, and garages	5,543	6,725	5,292	5,771	6,037	6,511	11,971	13,995	16,844	17,816	16,229	17,855
Miscellaneous repair services	4,221	4,778	3,813	3,228	3,397	4,151	4,367	5,039	4,610	4,754	4,982	5,725
Amusement and recreation services	1,616	1,723	1,976	2,256	2,403	2,030	1,434	1,481	1,744	2,122	2,334	3,056
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	372	268	388
Health services	48,093	53,394	58,929	64,475	73,405	76,925	68,002	72,903	77,966	82,682	95,070	107,991
Legal services	5,768	6,443	6,936	8,400	8,361	9,365	11,259	12,873	14,314	15,602	16,728	19,176
Educational services	1,846	2,072	2,323	2,507	2,875	3,196	2,571	2,733	2,802	2,850	3,009	3,116
Social services	4,835	6,239	6,507	7,690	7,598	7,790	8,868	9,409	10,756	12,096	13,774	17,210
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	3,949	4,229	4,520	4,745	5,027	5,480	7,413	7,929	8,199	9,133	9,683	10,554
Miscellaneous services	11,109	12,940	14,173	14,533	14,815	14,947	4,904	5,072	6,280	7,924	8,596	11,367
Government and government enterprises	71,844	76,636	82,949	87,336	92,151	98,434	158,397	171,077	183,824	199,770	214,772	235,692
Federal, civilian	6,453	6,932	7,334	7,346	7,415	8,113	9,877	10,360	11,001	11,355	12,184	13,276
Military	1,236	1,211	1,382	1,481	1,623	1,693	2,007	2,645	2,586	2,933	3,132	3,265
State and local	64,155	68,493	74,233	78,509	83,113	88,628	146,513	158,072	170,237	185,482	199,456	219,151

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Visalia—Tulare—Porterville, CA (MSA)						Waco, TX (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**2,660,592**	**2,923,044**	**3,122,690**	**3,384,213**	**3,634,310**	**3,842,382**	**1,946,822**	**2,113,169**	**2,262,685**	**2,339,287**	**2,405,645**	**2,521,888**
Nonfarm personal income	2,393,442	2,586,058	2,757,854	2,941,563	3,162,662	3,390,624	1,940,440	2,105,156	2,249,267	2,324,420	2,386,985	2,504,321
Farm income[1]	267,150	336,986	364,836	442,650	471,648	451,758	6,382	8,013	13,418	14,867	18,660	17,567
Population (thousands)[2]	266.9	273.1	280.0	285.6	291.6	297.9	180.5	182.7	185.2	187.6	188.6	188.0
Per capita personal income (dollars)	**9,968**	**10,703**	**11,154**	**11,850**	**12,465**	**12,897**	**10,783**	**11,567**	**12,220**	**12,467**	**12,754**	**13,411**
Derivation of total personal income:												
Total earnings by place of work	1,723,234	1,910,830	2,026,302	2,231,179	2,416,166	2,519,298	1,383,241	1,518,381	1,609,838	1,644,258	1,662,346	1,740,334
Less: Personal contributions for social insurance[3]	87,583	95,171	105,643	115,437	126,506	141,638	75,539	83,405	92,806	95,568	96,190	105,445
Plus: Adjustment for residence	67,444	78,556	82,272	84,801	99,032	108,840	−26,466	−31,669	−32,657	−34,552	−33,615	−34,811
Equals: Net earnings by place of residence	1,703,095	1,894,215	2,002,931	2,200,543	2,388,692	2,486,500	1,281,236	1,403,307	1,484,375	1,514,138	1,532,541	1,600,078
Plus: Dividends, interest, and rent[4]	418,554	450,931	467,291	476,656	504,008	553,785	346,775	383,702	423,047	438,749	460,995	493,798
Plus: Transfer payments	538,943	577,898	652,468	707,014	741,610	802,097	318,811	326,160	355,263	386,400	412,109	428,012
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,211,977	1,281,063	1,361,301	1,470,816	1,583,556	1,677,687	1,109,685	1,222,225	1,293,562	1,306,936	1,310,963	1,376,348
Other labor income	122,109	127,704	130,448	142,200	153,341	162,747	115,336	120,238	121,444	128,047	128,975	136,840
Proprietors' income[5]	389,148	502,063	534,553	618,163	679,269	678,864	158,220	175,918	194,832	209,275	222,408	227,146
Farm	152,386	229,224	256,072	334,205	356,188	332,142	2,889	4,575	10,049	11,547	15,152	14,067
Nonfarm	236,762	272,839	278,481	283,958	323,081	346,722	155,331	171,343	184,783	197,728	207,256	213,079
Earnings by industry:												
Farm	267,150	336,986	364,836	442,650	471,648	451,758	6,382	8,013	13,418	14,867	18,660	17,567
Nonfarm	1,456,084	1,573,844	1,661,466	1,788,529	1,944,518	2,067,540	1,376,859	1,510,368	1,596,420	1,629,391	1,643,686	1,722,767
Private	1,151,378	1,246,092	1,298,999	1,394,374	1,505,452	1,590,843	1,165,911	1,285,166	1,353,409	1,380,153	1,379,432	1,439,319
Agricultural services, forestry, fisheries, and other[7]	149,521	140,156	137,071	151,373	172,831	184,925	2,561	2,608	2,582	3,039	3,488	3,524
Agricultural services	148,376	139,186	136,425	150,583	171,960	184,081	2,477	2,571	2,486	2,911	3,401	3,429
Forestry, fisheries, and other[7]	1,145	970	646	790	871	844	84	(L)	96	128	87	95
Mining	2,606	2,921	3,811	1,688	1,304	1,318	10,173	10,004	10,537	8,237	7,009	6,440
Coal mining	60	81	94	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,504	2,796	3,667	1,443	1,215	1,251	7,582	7,124	7,585	5,254	4,135	3,978
Metal mining	(L)	(D)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(D)	(L)	(D)	(L)	(L)	2,583	2,868	2,939	2,970	2,868	2,456
Construction	104,496	121,121	127,306	137,878	151,008	156,484	96,743	115,942	122,743	125,545	123,491	123,664
Manufacturing	212,326	237,261	246,069	260,371	269,732	282,479	321,091	335,746	350,244	345,642	323,565	342,472
Nondurable goods	107,597	123,750	128,588	138,160	143,718	142,910	159,148	165,494	165,327	159,804	150,018	152,707
Food and kindred products	51,606	61,327	63,250	67,819	72,068	66,035	50,497	49,972	58,081	62,198	63,354	67,617
Textile mill products	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	0	0	0
Apparel and other textile products	6,511	(D)	(D)	(D)	(D)	(D)	17,740	18,312	17,574	17,820	19,258	20,111
Paper and allied products	4,373	6,346	5,413	5,922	5,703	(D)	16,462	17,585	18,102	22,048	26,982	31,025
Printing and publishing	35,659	39,372	42,894	44,539	42,030	48,950	14,272	16,338	18,119	19,461	20,652	23,304
Chemicals and allied products	2,434	2,157	2,339	2,568	3,526	3,723	293	439	373	400	745	494
Petroleum and coal products	210	195	392	392	409	435	0	(D)	160	138	187	184
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,219	4,340	6,350	8,782	11,246	11,978	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	104,729	113,511	117,481	122,211	126,014	139,569	161,943	170,252	184,917	185,838	173,547	189,765
Lumber and wood products	21,444	23,322	32,276	36,618	36,762	40,087	39,740	40,353	41,653	37,270	24,238	18,538
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	465	7,605	7,815	8,644	7,832	(D)	(D)
Primary metal industries	11,791	15,046	14,509	17,373	24,517	24,730	0	0	0	(D)	0	0
Fabricated metal products	16,532	22,903	22,263	23,902	16,445	(D)	24,127	25,460	27,555	22,908	17,110	16,680
Machinery, except electrical	8,759	8,607	8,202	6,923	7,821	10,502	14,343	17,471	18,545	20,575	22,810	26,255
Electric and electronic equipment	25,563	28,206	26,801	23,212	24,842	30,339	10,694	9,898	8,647	8,831	10,069	9,872
Transportation equip. excl. motor vehicles	(D)	(D)	322	346	517	421	16,424	17,917	21,693	26,835	34,624	45,972
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,201	1,393	2,317
Stone, clay, and glass products	5,515	7,143	5,586	6,319	5,952	6,003	37,427	38,252	42,980	46,859	41,204	43,935
Instruments and related products	(D)	598	1,281	1,361	1,534	2,466	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	97	151	115	266	741	6,814	6,387	6,257	5,794	6,201	6,376
Transportation and public utilities	115,730	124,802	124,973	131,298	139,883	139,197	95,646	103,575	105,234	109,298	109,694	111,211
Railroad transportation	374	509	581	769	936	829	8,985	11,107	8,071	7,199	6,562	6,282
Trucking and warehousing	56,556	64,703	62,858	67,859	75,798	77,706	32,725	36,173	37,542	36,495	36,224	37,327
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)	9,655
Communication	26,355	23,968	22,964	22,327	21,994	18,585	21,495	20,723	22,855	22,673	24,275	24,886
Electric, gas, and sanitary services	27,298	29,354	31,909	33,480	34,155	34,228	25,615	27,014	29,249	33,075	33,098	33,042
Wholesale trade	82,792	89,098	88,888	94,661	100,302	106,561	96,759	113,857	109,357	102,195	97,084	103,134
Retail trade	195,839	207,560	211,810	218,561	228,246	242,040	175,684	186,665	193,202	195,301	197,676	194,170
Finance, insurance, and real estate	43,518	47,907	53,350	58,572	64,665	74,313	86,066	98,181	107,880	110,228	109,813	116,358
Banking and credit agencies	23,349	25,587	27,394	27,615	29,302	33,593	29,433	32,264	35,919	38,258	36,597	37,502
Other finance, insurance, and real estate[9]	20,169	22,320	25,956	30,957	35,363	40,720	56,633	65,917	71,961	71,970	73,216	78,856
Services	244,550	275,266	305,721	339,972	377,481	403,526	281,188	318,588	351,630	380,668	407,612	438,346
Hotels and other lodging places	(D)	(D)	6,139	6,913	7,817	8,541	(D)	(D)	(D)	6,062	5,972	5,373
Personal services	12,478	13,566	16,141	16,157	17,650	19,194	24,699	28,185	32,603	34,049	36,374	35,897
Private households	8,371	9,443	9,650	9,819	10,070	10,374	7,863	8,842	9,011	9,126	9,196	9,288
Business services	30,744	40,906	47,137	51,529	58,764	62,062	33,660	38,219	44,941	49,000	53,105	61,540
Auto repair, services, and garages	16,525	19,622	23,244	22,286	23,882	26,457	16,193	19,312	21,509	22,784	21,747	23,301
Miscellaneous repair services	14,447	17,478	17,046	18,113	18,348	21,206	6,500	6,802	6,322	6,461	6,657	7,228
Amusement and recreation services	3,422	3,569	3,856	4,591	5,097	5,291	4,079	4,245	4,559	5,257	5,638	5,658
Motion pictures	467	601	421	497	438	469	415	662	733	761	246	564
Health services	83,432	89,731	99,131	109,359	123,366	126,647	90,089	99,495	106,797	117,572	130,910	138,662
Legal services	9,738	11,177	12,986	14,290	15,210	16,788	16,499	19,806	20,927	24,530	26,248	30,456
Educational services	(D)	(D)	6,646	7,971	9,036	10,826	(D)	(D)	(D)	(D)	(D)	(D)
Social services	10,541	11,681	14,090	20,524	23,770	25,281	11,607	13,190	13,953	11,953	12,649	14,093
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	(D)	(D)	(D)
Membership organizations	17,379	17,746	19,328	20,648	22,023	23,826	14,196	15,993	18,596	19,042	19,867	20,489
Miscellaneous services	25,876	28,852	29,906	37,275	42,010	46,564	16,144	21,007	22,560	27,591	28,272	27,554
Government and government enterprises	304,706	327,752	362,467	394,155	439,066	476,697	210,948	225,202	243,011	249,238	264,254	283,448
Federal, civilian	23,715	25,634	27,156	27,402	30,216	34,135	67,958	73,181	77,076	75,990	79,077	84,914
Military	3,840	4,379	5,175	5,592	5,823	6,068	3,607	3,579	4,048	4,319	4,474	4,757
State and local	277,151	297,739	330,136	361,161	403,027	436,494	139,383	148,442	161,887	168,929	180,703	193,777

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Washington, DC—MD—VA (MSA)						Waterloo—Cedar Falls, IA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**54,378,943**	**60,248,348**	**66,042,263**	**71,434,575**	**78,664,111**	**86,538,877**	**1,795,379**	**1,856,213**	**1,858,808**	**1,853,668**	**1,953,461**	**2,095,320**
Nonfarm personal income	54,319,855	60,161,110	65,956,229	71,338,367	78,555,194	86,433,567	1,798,000	1,832,224	1,818,594	1,796,619	1,907,264	2,063,706
Farm income[1]	59,088	87,238	86,034	96,208	108,917	105,310	−2,621	23,989	40,214	57,049	46,197	31,614
Population (thousands)[2]	3,375.8	3,439.0	3,493.6	3,576.6	3,654.1	3,734.2	161.3	160.0	155.8	150.9	148.3	147.8
Per capita personal income (dollars)	**16,109**	**17,519**	**18,904**	**19,973**	**21,527**	**23,175**	**11,131**	**11,599**	**11,934**	**12,283**	**13,176**	**14,181**
Derivation of total personal income:												
Total earnings by place of work	44,073,059	49,155,913	54,521,515	59,703,048	66,319,336	73,248,009	1,348,485	1,392,524	1,356,132	1,326,940	1,439,154	1,566,194
Less: Personal contributions for social insurance[3]	2,703,019	3,009,355	3,457,258	3,757,592	4,097,187	4,632,460	83,030	84,925	86,140	85,538	93,226	108,008
Plus: Adjustment for residence	−2,716,894	−3,083,265	−3,535,965	−4,015,534	−4,651,642	−5,167,904	−99,300	−97,237	−86,282	−74,610	−87,863	−101,005
Equals: Net earnings by place of residence	38,653,146	43,063,293	47,528,292	51,929,922	57,570,507	63,447,645	1,166,155	1,210,362	1,183,710	1,166,792	1,258,065	1,357,181
Plus: Dividends, interest, and rent[4]	8,236,474	9,366,720	10,194,852	10,957,406	12,056,360	13,337,125	336,063	353,626	358,321	357,716	357,253	387,357
Plus: Transfer payments	7,489,323	7,818,335	8,319,119	8,547,247	9,037,244	9,754,107	293,161	292,225	316,777	329,160	338,143	350,782
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	38,467,853	42,853,189	47,455,700	51,883,696	57,441,132	63,452,492	1,127,144	1,140,348	1,092,670	1,044,110	1,150,220	1,271,304
Other labor income	2,872,410	3,130,653	3,335,193	3,689,440	4,190,039	4,749,332	127,108	121,177	108,931	104,046	116,194	128,018
Proprietors' income[5]	2,732,796	3,172,071	3,730,622	4,129,912	4,688,165	5,046,185	94,233	130,999	154,531	178,784	172,740	166,872
Farm	35,766	64,384	63,743	74,316	86,134	82,641	−9,435	17,278	33,939	51,137	40,370	26,113
Nonfarm	2,697,030	3,107,687	3,666,879	4,055,596	4,602,031	4,963,544	103,668	113,721	120,592	127,647	132,370	140,759
Earnings by industry:												
Farm	59,088	87,238	86,034	96,208	108,917	105,310	−2,621	23,989	40,214	57,049	46,197	31,614
Nonfarm	44,013,971	49,068,675	54,435,481	59,606,840	66,210,419	73,142,699	1,351,106	1,368,535	1,315,918	1,269,891	1,392,957	1,534,580
Private	27,798,835	31,814,414	36,073,595	40,683,243	45,966,842	51,382,723	1,166,167	1,174,966	1,110,900	1,056,632	1,168,160	1,296,438
Agricultural services, forestry, fisheries, and other[7]	256,487	284,376	313,519	349,761	415,993*	461,854*	4,708	4,594	3,762	3,718	5,496	6,132
Agricultural services	111,426	129,019	146,958	171,532	217,263*	250,763*	4,588	4,471	3,659	3,631	5,420	6,052
Forestry, fisheries, and other[7]	145,061	155,357	166,561	178,229	199,217	211,915	120	123	103	87	76	80
Mining	101,545	111,489	150,481	67,992	67,736*	69,207*	3,077	3,131	4,051	2,248	2,213	2,573
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	76,026*	111,472*	35,266*	33,503*	(D)	(D)	(D)	(D)	(D)	866	(D)
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)	(D)	1,347	(D)
Construction	2,205,798	2,704,414	3,251,216	3,900,129	4,477,652	5,128,957	54,744	(D)	47,582	50,997	53,887	60,293
Manufacturing	1,920,242	2,205,142	2,484,022	2,773,988	2,930,658	3,196,645	553,002	544,607	475,908	399,848	481,661	556,015
Nondurable goods	986,351*	1,107,590	1,231,004	1,285,676*	1,446,936*	1,589,707	83,620	75,952	53,730	54,704	63,237	65,651
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)	(D)	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	19,422*	(D)	(D)	(D)	(D)	(D)	(D)	8,428	8,782	8,774	9,177	9,742
Printing and publishing	686,127*	778,170	882,258	955,192*	1,067,564*	1,216,352*	12,620	16,668	17,215	18,300	23,387	24,300
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	310
Petroleum and coal products	14,082*	14,944*	15,545	14,349*	13,463*	14,681*	1,297	1,350	1,612	1,470	1,607	1,482
Tobacco manufactures	1,737	1,423	1,404	(L)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	350	378
Leather and leather products	4,499*	4,349*	4,102*	4,643*	5,101*	4,835*	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	925,464*	1,097,552	1,253,018	(D)	1,476,500*	1,606,938	469,382	468,655	422,178	345,144	418,424	490,364
Lumber and wood products	(D)	(D)	(D)	(D)	58,091	62,745*	(D)	2,747*	3,662*	5,170*	7,394*	9,128*
Furniture and fixtures	(D)	20,753*	24,962*	22,855*	(D)	(D)	(D)	(D)	0	0	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	598	829	990	1,007	994	1,531
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	24,715*	27,059	28,075*	30,850*	34,150*	38,495*
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)	1,596	1,966	1,575	1,978	1,956	2,877*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,170	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,885*	3,235*	3,525*	(D)	2,975*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	521	609	462	413	461	545
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,884	2,781*	2,895*
Transportation and public utilities	2,586,552	2,889,732	3,195,132	3,565,859	4,139,545	4,419,888	63,464	66,446	62,675	60,035	57,735	61,456
Railroad transportation	(D)	101,127	104,184*	(D)	(D)	(D)	12,470	13,471	12,114	9,327	6,110*	6,000
Trucking and warehousing	275,989*	(D)	(D)	(D)	493,499	530,004	20,749	23,101	22,444	21,498	23,523	26,449
Water transportation	5,255*	6,490*	(D)	(D)	10,266*	10,561*	(L)	(L)	(L)	(D)	(D)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	1,081,848*	1,299,608*	1,475,264*	1,600,425*	1,940,047*	2,045,990*	17,477	16,508	15,644	14,139	14,052	15,331
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,842,837	2,115,219	2,318,619	2,544,203	2,766,327	3,138,744	66,612	(D)	66,431	66,481	68,743	75,311
Retail trade	3,707,622	4,136,000	4,601,428	5,113,404	5,616,184	6,106,947	122,638	125,711	123,098	123,271	128,481	142,708
Finance, insurance, and real estate	2,174,527	2,460,940	2,798,516	3,257,762	3,826,779	4,252,286	60,548	65,545	65,869	71,038	73,840	72,642
Banking and credit agencies	786,249*	917,188*	1,020,811*	1,230,444*	1,325,568*	1,492,132*	(D)	(D)	(D)	33,195	34,246	(D)
Other finance, insurance, and real estate[9]	1,362,026*	1,541,535*	1,775,366*	2,024,427*	2,188,193*	2,677,463*	(D)	(D)	(D)	37,843	39,594	(D)
Services	13,003,225	14,907,102	16,960,662	19,110,145	21,719,303	24,596,020	237,374	242,444	261,524	278,996	296,104	319,308
Hotels and other lodging places	(D)	391,536*	457,688*	500,599*	618,754	652,928*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	344,679	375,884	461,739	501,607	541,881	588,211	15,199	15,820	17,847	19,130	19,759	23,292
Private households	228,907*	260,535	262,123	257,074*	259,980*	263,891*	3,026	3,343	3,313	3,255	3,241	3,279
Business services	3,917,118	4,694,822	5,664,495	6,483,783	7,517,724	8,532,367	29,643	33,471	41,455	47,559	46,121	50,242
Auto repair, services, and garages	231,005	(D)	(D)	(D)	(D)	(D)	9,427	11,216	11,212	11,122	11,510	12,620
Miscellaneous repair services	109,803	129,983	135,876	150,082	162,411	187,155	4,195	4,408	4,192	5,002	5,475	6,974
Amusement and recreation services	153,198*	176,130	195,320	212,934	247,170*	316,151*	3,394	3,675	3,774	4,335	5,051	3,629
Motion pictures	(D)	42,691*	(D)	(D)	(D)	(D)	1,133*	464*	486*	547*	583*	632*
Health services	2,207,993	2,423,718	2,644,762	2,922,638	3,379,449	3,788,903	114,731	110,535	114,942	121,599	134,309	140,014
Legal services	1,541,905	1,789,551	1,935,232	2,195,047	2,461,271	2,845,517	13,531	14,607	17,665	18,734	18,868	19,869
Educational services	610,994*	693,748*	762,956*	786,122*	885,054*	967,759*	(D)	(D)	(D)	(D)	(D)	(D)
Social services	273,633*	304,876*	344,452	395,119	454,634	502,850	7,455	8,054	9,390	10,248	10,709	11,999
Museums, botanical, zoological gardens	(D)	(D)	7,332*	8,157*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	1,123,271	1,208,051	1,327,646	1,460,357	1,585,733	1,777,061	11,306	10,711	9,932	9,783	10,027	10,687
Miscellaneous services	1,816,396	2,090,919	2,360,360	2,778,356	3,113,055	3,598,116	10,817	12,360	(D)	(D)	12,789	17,830
Government and government enterprises	16,215,136	17,254,261	18,361,886	18,923,597	20,243,577	21,759,976	184,939	193,569	205,018	213,259	224,797	238,142
Federal, civilian	10,662,318	11,305,925	11,910,735	11,916,782	12,677,058	13,577,278	15,676	16,020	16,817	16,659	17,370	18,812
Military	1,766,362	1,934,313	2,131,939	2,267,155	2,317,823	2,347,087	3,002	2,882	3,004	3,466	3,997	4,414
State and local	3,786,456	4,014,023	4,319,212	4,739,660	5,248,696	5,835,611	166,261	174,667	185,197	193,134	203,430	214,916

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Wausau, WI (MSA)						West Palm Beach—Boca Raton—Delray Beach, FL (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,155,199**	**1,241,471**	**1,309,413**	**1,399,690**	**1,499,193**	**1,597,148**	**10,935,038**	**12,249,263**	**13,970,810**	**15,218,990**	**16,921,565**	**18,680,419**
Nonfarm personal income	1,123,583	1,197,699	1,269,631	1,343,812	1,431,790	1,540,401	10,492,458	11,971,395	13,629,533	14,841,506	16,614,865	18,351,027
Farm income[1]	31,616	43,772	39,782	55,878	67,403	56,747	442,580	277,868	341,277	377,484	306,700	329,392
Population (thousands)[2]	112.5	112.9	112.8	111.8	112.3	113.4	667.7	693.6	724.3	753.8	785.8	818.5
Per capita personal income (dollars)	**10,268**	**10,999**	**11,606**	**12,524**	**13,350**	**14,089**	**16,378**	**17,662**	**19,288**	**20,191**	**21,535**	**22,824**
Derivation of total personal income:												
Total earnings by place of work	850,600	909,182	960,486	1,034,514	1,126,688	1,206,594	5,660,004	6,308,226	7,153,352	7,991,930	8,944,340	9,907,252
Less: Personal contributions for social insurance[3]	50,729	53,657	60,633	64,076	69,077	78,985	291,191	341,696	406,178	456,389	513,936	599,719
Plus: Adjustment for residence	5,008	10,599	6,338	7,173	6,754	4,880	−61,930	−82,678	−86,221	−109,013	−135,258	−145,955
Equals: Net earnings by place of residence	804,879	866,124	906,191	977,611	1,064,365	1,132,489	5,306,883	5,883,852	6,660,953	7,426,528	8,295,146	9,161,578
Plus: Dividends, interest, and rent[5]	172,618	194,776	208,698	222,260	227,155	248,124	4,021,947	4,634,582	5,448,032	5,807,384	6,492,336	7,237,984
Plus: Transfer payments	177,702	180,571	194,524	199,819	207,673	216,535	1,606,208	1,730,829	1,861,825	1,985,078	2,134,083	2,280,857
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	681,685	718,214	766,002	810,209	876,447	952,454	4,421,374	5,099,830	5,722,790	6,394,445	7,234,896	8,038,545
Other labor income	76,195	77,033	78,739	84,512	92,326	100,024	438,639	489,303	527,872	595,415	666,387	731,825
Proprietors' income[6]	92,720	113,935	115,745	139,793	157,915	154,116	799,991	719,093	902,690	1,002,070	1,043,057	1,136,882
Farm	19,832	32,155	28,450	44,837	55,902	45,374	328,652	166,508	229,109	264,431	185,770	206,128
Nonfarm	72,888	81,780	87,295	94,956	102,013	108,742	471,339	552,585	673,581	737,639	857,287	930,754
Earnings by industry:												
Farm	31,616	43,772	39,782	55,878	67,403	56,747	442,580	277,868	341,277	377,484	306,700	329,392
Nonfarm	818,984	865,410	920,704	978,636	1,059,285	1,149,847	5,217,424	6,030,358	6,812,075	7,614,446	8,637,640	9,577,860
Private	719,835	758,787	801,986	856,375	930,999	1,015,679	4,640,403	5,400,976	6,111,549	6,828,412	7,737,641	8,562,184
Agricultural services, forestry, fisheries, and other[7]	2,923	2,798	2,657	2,518	3,814	4,207	82,728	88,176	102,295	115,351	132,690	150,987
Agricultural services	2,449	2,385	2,396	2,502	3,740	4,145	80,225	86,447	99,103	110,451	128,949	146,782
Forestry, fisheries, and other[7]	474	413	261	(L)	74	62	2,503	1,729	3,192	4,900	3,741	4,205
Mining	2,155	2,240	2,784	1,703	1,624	1,645	55,786	61,749	98,017	27,812	26,096	25,697
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,114	1,287	1,802	553	535	516	54,805	60,604	97,133	26,905	25,502	25,000
Metal mining	(L)	(L)	(L)	0	(L)	(L)	(D)	(D)	(D)	(D)	0	0
Nonmetallic minerals, except fuels	1,044	964	988	1,150	1,049	1,098	(D)	(D)	(D)	(D)	567	666
Construction	41,681	41,611	44,410	54,041	59,650	65,000	493,551	607,877	679,407	736,893	801,257	887,188
Manufacturing	256,282	268,736	286,529	312,057	343,929	375,620	912,929	1,096,904	1,219,502	1,287,463	1,316,155	1,378,767
Nondurable goods	117,146	116,596	126,933	137,823	148,756	155,512	148,503	163,982	169,221	184,497	191,883	217,167
Food and kindred products	30,322	32,219	31,857	34,774	38,109	40,667	72,556	73,352	75,234	78,009	75,393	84,835
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	4,590	7,121	5,407	5,766	6,459	5,472
Paper and allied products	76,257	73,090	83,241	90,647	96,214	100,171	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,594	2,593	3,034	3,434	4,162	4,331	54,990	66,107	70,753	79,897	87,910	102,350
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	5,842	9,616	10,500	11,115	12,065	11,531	12,208
Petroleum and coal products	198	192	144	196	392	476	1,088	429	117	266	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,049	2,296	2,821	3,139	3,685	3,129	3,561	4,348	4,850	6,734	8,361	9,503
Leather and leather products	(D)	(D)	0	0	0	0	(D)	1,159	801	737	861	726
Durable goods	139,136	152,140	159,596	174,234	195,173	220,108	764,426	932,922	1,050,281	1,102,966	1,124,272	1,161,600
Lumber and wood products	37,394	41,158	39,960	49,914	58,869	64,400	10,590	11,350	10,886	13,092	14,125	21,142
Furniture and fixtures	(D)	(D)	(D)	319	428	578	8,465	11,822	13,401	17,789	13,562	13,907
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,933	2,931	3,435	4,150	2,852	3,578
Fabricated metal products	27,740	31,797	33,973	37,566	39,281	44,584	16,600	19,077	22,677	20,725	22,255	24,905
Machinery, except electrical	34,630	36,006	37,779	40,047	48,255	57,609	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	89,796	112,990	146,396	169,247	176,560	149,701
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,980	3,576	5,035	6,241	6,847	6,559
Stone, clay, and glass products	10,821	11,323	11,807	12,028	12,798	16,256	30,298	37,040	38,586	41,258	44,073	49,243
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	10,928	13,253	15,814	16,636	17,683	19,578
Miscellaneous manufacturing industries	2,010	2,246	2,370	2,819	3,259	3,395	5,549	6,002	7,395	7,669	6,992	6,921
Transportation and public utilities	56,539	62,355	68,691	71,704	76,231	85,701	285,104	309,867	321,055	348,131	418,277	437,381
Railroad transportation	1,629	1,276	386	369	370	432	1,986	1,922	1,830	1,948	2,098	2,204
Trucking and warehousing	23,712	26,882	30,132	33,526	39,636	46,418	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	0	0	0	0	0	0	9,847	11,553	13,746	14,578	16,935	6,553
Other transportation[8]	3,747	3,993	10,489	9,999	7,194	5,699	45,464	45,606	45,110	49,247	54,215	70,815
Communication	16,345	17,600	15,995	15,817	16,563	19,928	109,920	112,917	111,201	114,725	138,782	141,382
Electric, gas, and sanitary services	11,106	12,604	11,689	11,993	12,468	13,224	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	64,878	66,363	70,517	72,138	76,249	82,149	255,967	302,964	359,609	399,326	474,425	568,797
Retail trade	79,241	83,025	85,085	91,543	95,003	102,090	698,598	772,864	862,229	985,307	1,112,260	1,221,316
Finance, insurance, and real estate	79,019	81,089	77,957	77,417	85,445	90,520	417,678	436,115	509,957	624,575	773,342	831,552
Banking and credit agencies	11,674	12,310	12,615	14,422	15,358	15,244	146,736	174,065	199,956	234,180	255,486	270,361
Other finance, insurance, and real estate[9]	67,345	68,779	65,342	62,995	70,087	75,276	270,942	262,050	310,001	390,395	517,856	561,191
Services	137,117	150,570	163,356	173,254	189,054	208,747	1,438,062	1,724,460	1,959,478	2,303,554	2,683,139	3,060,499
Hotels and other lodging places	2,487	2,570	2,642	2,456	2,476	2,847	107,116	115,314	123,980	142,933	143,949	155,030
Personal services	6,189	6,034	7,715	8,165	8,227	9,114	54,546	61,204	71,827	84,790	93,095	107,152
Private households	1,478	1,635	1,638	1,633	1,645	1,672	80,730	91,987	94,674	96,594	99,495	102,790
Business services	20,135	23,306	27,102	26,716	26,942	31,656	220,945	267,233	303,949	367,207	443,981	511,201
Auto repair, services, and garages	6,968	8,698	9,430	11,176	12,125	14,332	41,934	50,388	59,143	66,579	74,925	86,700
Miscellaneous repair services	3,653	4,454	4,823	5,440	6,079	6,841	37,175	43,955	45,106	50,660	53,804	55,324
Amusement and recreation services	2,146	2,357	2,589	3,435	3,811	4,007	70,997	94,627	95,647	108,263	126,472	148,585
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,871	3,312	3,742	4,365	4,262	5,473
Health services	52,380	56,343	61,272	65,380	75,106	79,896	423,389	490,460	571,570	647,573	786,496	916,161
Legal services	9,920	10,894	11,987	12,718	14,319	15,961	127,461	158,892	188,099	220,323	277,786	308,919
Educational services	2,479	2,641	2,868	2,951	3,195	3,437	22,653	26,166	29,137	32,558	37,048	42,016
Social services	1,701	1,852	2,095	2,163	2,417	2,910	22,921	27,406	27,883	33,725	45,073	56,827
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	1,488	1,657	2,077	1,932	2,068	2,182
Membership organizations	6,836	7,193	7,058	7,305	7,728	8,466	50,978	70,212	76,482	85,777	95,149	112,010
Miscellaneous services	20,519	22,215	21,747	23,395	24,692	27,269	172,858	221,647	266,162	360,275	399,536	450,129
Government and government enterprises	99,149	106,623	118,718	122,261	128,286	134,168	577,021	629,382	700,526	786,034	899,999	1,015,676
Federal, civilian	10,539	11,466	12,397	12,414	13,150	13,778	69,151	77,976	87,896	94,579	107,569	123,493
Military	2,999	3,420	3,744	4,100	4,421	4,610	8,978	9,678	10,918	11,708	11,523	12,073
State and local	85,611	91,737	102,537	105,747	110,715	115,780	498,892	541,728	601,712	679,747	780,907	880,110

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Wheeling, WV—OH (MSA)						Wichita, KS (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,836,352**	**1,902,188**	**1,932,871**	**1,973,532**	**2,050,640**	**2,194,264**	**5,994,766**	**6,458,291**	**6,775,003**	**7,190,216**	**7,539,960**	**7,955,424**
Nonfarm personal income	1,835,474	1,899,078	1,930,711	1,970,996	2,047,912	2,193,549	5,967,350	6,429,431	6,727,954	7,114,738	7,458,744	7,888,458
Farm income[1]	878	3,110	2,160	2,536	2,728	715	27,416	28,860	47,049	75,478	81,216	66,966
Population (thousands)[2]	184.5	182.1	179.0	174.7	173.0	171.5	457.1	461.1	465.7	468.3	474.3	483.1
Per capita personal income (dollars)	**9,954**	**10,444**	**10,800**	**11,294**	**11,853**	**12,793**	**13,114**	**14,005**	**14,549**	**15,353**	**15,897**	**16,467**
Derivation of total personal income:												
Total earnings by place of work	1,145,116	1,176,432	1,174,500	1,187,927	1,259,063	1,328,997	4,708,532	5,158,505	5,375,008	5,764,262	6,044,493	6,344,876
Less: Personal contributions for social insurance[3]	70,193	72,885	76,818	78,404	82,988	92,871	285,653	316,508	347,651	383,238	399,516	439,536
Plus: Adjustment for residence	3,875	11,067	2,076	5,048	−6,507	3,989	−153,025	−170,518	−173,233	−195,543	−210,880	−217,404
Equals: Net earnings by place of residence	1,078,798	1,114,614	1,099,758	1,114,571	1,169,568	1,240,115	4,269,854	4,671,479	4,854,124	5,185,481	5,434,097	5,687,936
Plus: Dividends, interest, and rent[5]	353,037	377,307	395,672	411,105	420,018	453,798	937,768	1,003,065	1,091,054	1,125,328	1,175,869	1,270,446
Plus: Transfer payments	404,517	410,267	437,441	447,856	461,054	500,351	787,144	783,747	829,825	879,407	929,994	997,042
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	936,969	962,702	960,588	969,705	1,025,375	1,084,486	3,800,605	4,182,248	4,350,586	4,633,185	4,850,017	5,114,329
Other labor income	112,424	109,364	102,103	101,662	106,527	111,955	450,017	470,143	465,037	507,414	532,180	554,392
Proprietors' income[6]	95,723	104,366	111,809	116,560	127,161	132,556	457,910	506,114	559,385	623,663	662,296	676,155
Farm	−182	2,069	1,141	1,537	1,692	−311	20,162	21,689	40,151	68,848	74,456	60,384
Nonfarm	95,905	102,297	110,668	115,023	125,469	132,867	437,748	484,425	519,234	554,815	587,840	615,771
Earnings by industry:												
Farm	878	3,110	2,160	2,536	2,728	715	27,416	28,860	47,049	75,478	81,216	66,966
Nonfarm	1,144,238	1,173,322	1,172,340	1,185,391	1,256,335	1,328,282	4,681,116	5,129,645	5,327,959	5,688,784	5,963,277	6,277,910
Private	1,007,809	1,028,690	1,018,346	1,025,488	1,090,089	1,153,980	4,159,926	4,577,646	4,732,124	5,063,990	5,304,527	5,559,192
Agricultural services, forestry, fisheries, and other[7]	2,697	2,770	2,850	2,604	4,464	5,165	13,513	12,570	13,397	13,913	18,097	20,480
Agricultural services	2,550	2,666	2,764	2,503	4,375	5,068	13,087	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	147	104	86	101	89	97	426	(D)	(D)	(D)	(D)	(D)
Mining	121,593	121,615	105,665	98,923	106,463	109,647	114,496	118,461	120,785	88,610	76,877	70,834
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	115,404*	117,677*	(D)	73,929*	67,920*
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	118	(D)
Nonmetallic minerals, except fuels	875	1,132	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	58,682	60,121	54,573	56,643	65,191	71,287	270,226	301,095	305,068	322,279	328,696	324,382
Manufacturing	232,453	237,032	225,229	214,962	222,726	241,047	1,462,397	1,683,590	1,698,571	1,899,057	1,978,489	2,053,703
Nondurable goods	129,281	139,631	137,744	129,984	136,085	147,909	263,748	261,099	260,755	272,643	284,991	299,127
Food and kindred products	11,308*	13,702	13,815	13,642	12,903	13,684	86,925	85,343*	89,717*	91,945*	100,062*	94,669*
Textile mill products	0	0	0	0	0	0	281	(D)	486	721	935	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,829	(D)	4,207	4,330	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	8,964*	(D)	(D)	10,514*	10,571*	10,955*
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	47,928	52,824	55,666	58,435	57,234	70,591
Chemicals and allied products	95,850*	103,833*	98,060*	95,677*	100,300*	109,210*	(D)	(D)	(D)	37,222*	38,837*	40,407*
Petroleum and coal products	3,080	3,415	3,513	2,123	2,089	1,956	65,832	51,549	43,453	46,680*	45,456*	46,627
Tobacco manufactures	4,149	4,418	4,504	(D)	(D)	(D)	(L)	(L)	(L)	119	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17,906	17,623	21,878	(D)	24,699*
Leather and leather products	0	0	0	0	0	0	0	(D)	0	0	0	0
Durable goods	103,172	97,401	87,485	84,978	86,641	93,138	1,198,649	1,422,491	1,437,816	1,626,414	1,693,498	1,754,576
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	12,130*	12,843	11,946*	13,247*	13,900*	14,834*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,766	4,229	3,945*	(D)	4,703
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	9,461	11,523	7,650	9,354	9,965	11,398
Fabricated metal products	25,949*	(D)	(D)	(D)	(D)	(D)	71,448*	80,890*	78,355*	79,082*	85,046*	85,226*
Machinery, except electrical	22,440	25,619	25,550	22,338	23,280	25,114	(D)	(D)	(D)	148,822	151,104	167,339
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,920	13,671	14,626	19,232
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	909,120*	1,101,635*	1,109,050	1,290,506	1,336,466*	1,367,124*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	5,966*	7,574*	7,822*	3,955*	3,949*	3,942*
Stone, clay, and glass products	9,751	9,088	6,514	(D)	3,272	4,000	(D)	(D)	(D)	(D)	28,049*	31,193*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	19,523*	22,887*	24,521*	27,818*	27,586*	33,938*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	6,161	7,575	7,662*	7,518*	8,193*	4,618*
Transportation and public utilities	(D)	(D)	(D)	(D)	106,702	111,302	324,763	337,725	335,074	341,063	352,910	386,949
Railroad transportation	8,000	8,354	7,680	6,465	5,391	5,389	34,479*	32,384	29,367	27,399	26,218	(D)
Trucking and warehousing	23,807	24,424	22,353	23,580	28,756	31,491	66,782	77,323	71,911	74,698	83,091	82,112
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)	(D)
Communication	20,115	18,142	16,271*	16,099*	16,245	16,705	93,458	85,779	87,334	90,472	97,176	95,631
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	48,309	56,567*	66,101*	58,589*	57,442*	63,604*
Wholesale trade	53,637	57,005	57,584	58,103	64,380	66,740	302,743	333,836	358,677	363,572	368,565	387,353
Retail trade	139,893	142,216	145,257	149,408	153,068	164,804	461,542	493,696	516,542	539,490	553,889	586,337
Finance, insurance, and real estate	48,970	48,615	47,659	46,687	52,598	57,867	234,884	247,337	267,502	285,926	297,833	297,546
Banking and credit agencies	23,725	24,058	26,061	28,064	30,643	(D)	91,619*	105,719	113,733	121,543	117,552*	108,294*
Other finance, insurance, and real estate[9]	25,245	24,557	21,598	18,623	21,955	(D)	132,834*	141,618	153,769	164,383	168,048*	176,696*
Services	(D)	(D)	(D)	(D)	314,497	326,121	975,362	1,049,336	1,116,508	1,210,080	1,329,171	1,431,608
Hotels and other lodging places	3,677*	3,311*	3,315*	4,032*	3,555	(D)	15,531	14,522	15,724	13,548	18,032	23,109
Personal services	13,151	13,966	17,483	17,288	(D)	19,750	55,229	59,629	72,090	78,623	81,886	86,303
Private households	4,414	4,859	4,827	4,758	4,732	4,725	12,950	14,388	14,425	14,400	14,505	14,710
Business services	13,018	14,314	15,705	18,288	19,192	23,124	165,349	199,294	206,624	232,801	260,028	289,022
Auto repair, services, and garages	8,449	9,354	10,196	10,116	10,246	11,090	39,214	46,785	50,571	54,529	57,725	59,235
Miscellaneous repair services	(D)	(D)	6,188	7,557	(D)	6,019	28,532	23,719	17,774	20,210	23,200	24,975
Amusement and recreation services	6,734	7,160	7,289	7,908	9,087	9,057	20,353	20,878*	17,987*	21,402	21,470	21,345
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,273*	1,508*	1,568*	1,644*	1,705*	1,910*
Health services	149,384	150,454	160,881	165,446	172,381	176,214	430,029	433,186	461,619	482,470	539,034	580,987
Legal services	13,576	15,667	17,291	18,986	20,404	22,080	60,848	73,755	81,402	89,375	90,320	104,451
Educational services	5,908	5,764	(D)	(D)	(D)	(D)	20,585	(D)	(D)	31,613	36,526	38,954
Social services	5,708	6,235	7,036	8,182	8,959	9,932	25,615*	27,914	30,722	32,141	33,965	37,010
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	567*	628*	746*	859*	914*	1,076*
Membership organizations	13,072	13,269	12,967	13,468	13,835	14,485	28,799	30,580	30,685	32,029	32,635	34,677
Miscellaneous services	9,542	9,841	10,235	13,818	15,219	16,356	69,578	79,565	84,273	104,343	117,142	113,757
Government and government enterprises	136,429	144,632	153,994	159,903	166,246	174,302	521,190	551,999	595,835	624,794	658,750	718,718
Federal, civilian	16,097	18,357	20,138	19,761	20,396	22,085	101,967	110,848	120,185	120,012	127,073	142,603
Military	2,672	2,837	3,105	3,411	3,541	3,649	79,572	85,386	90,574	91,727	101,861	110,954
State and local	117,660	123,438	130,751	136,731	142,309	148,568	339,651	355,765	385,076	413,055	429,816	465,161

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Wichita Falls, TX (MSA)						Williamsport, PA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**1,553,184**	**1,660,455**	**1,713,138**	**1,729,786**	**1,771,532**	**1,860,335**	**1,190,892**	**1,271,517**	**1,339,818**	**1,429,142**	**1,549,252**	**1,674,078**
Nonfarm personal income	1,540,934	1,653,229	1,707,402	1,722,548	1,765,211	1,853,372	1,184,910	1,257,178	1,328,273	1,415,599	1,534,288	1,660,451
Farm income[1]	12,250	7,226	5,736	7,238	6,321	6,963	5,982	14,339	11,545	13,543	14,964	13,627
Population (thousands)[2]	126.4	126.5	126.5	126.8	126.0	124.6	117.4	117.1	116.3	116.2	117.4	118.3
Per capita personal income (dollars)	**12,290**	**13,122**	**13,548**	**13,646**	**14,055**	**14,930**	**10,144**	**10,857**	**11,516**	**12,299**	**13,193**	**14,154**
Derivation of total personal income:												
Total earnings by place of work	1,192,288	1,270,911	1,302,930	1,295,480	1,316,168	1,360,265	829,678	908,481	950,719	1,024,481	1,127,496	1,223,563
Less: Personal contributions for social insurance[3]	62,980	67,651	73,289	73,950	75,471	82,117	51,272	57,532	63,127	69,134	74,249	84,673
Plus: Adjustment for residence	−71,199	−76,689	−77,808	−81,033	−80,310	−84,200	−23,069	−25,320	−25,090	−28,247	−33,374	−35,187
Equals: Net earnings by place of residence	1,058,109	1,126,571	1,151,833	1,140,497	1,160,387	1,193,948	755,337	825,629	862,502	927,100	1,019,873	1,103,703
Plus: Dividends, interest, and rent[5]	277,129	310,425	320,617	324,972	330,586	356,145	178,240	196,521	212,894	221,782	240,862	263,393
Plus: Transfer payments	217,946	223,459	240,688	264,317	280,559	310,242	257,315	249,367	264,422	280,260	288,517	306,982
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	949,136	1,015,465	1,038,463	1,026,094	1,022,015	1,052,666	660,491	715,307	751,521	805,798	888,171	966,628
Other labor income	85,595	89,290	86,604	88,584	90,309	96,565	77,632	81,152	81,891	88,479	97,611	106,119
Proprietors' income[6]	157,557	166,156	177,863	180,802	203,844	211,034	91,555	112,022	117,307	130,204	141,714	150,816
Farm	11,388	6,373	4,916	6,445	5,507	6,170	3,720	12,132	9,327	11,324	12,591	11,216
Nonfarm	146,169	159,783	172,947	174,357	198,337	204,864	87,835	99,890	107,980	118,880	129,123	139,600
Earnings by industry:												
Farm	12,250	7,226	5,736	7,238	6,321	6,963	5,982	14,339	11,545	13,543	14,964	13,627
Nonfarm	1,180,038	1,263,685	1,297,194	1,288,242	1,309,847	1,353,302	823,696	894,142	939,174	1,010,938	1,112,532	1,209,936
Private	888,963	958,067	980,952	971,396	992,391	1,037,444	720,756	784,812	821,781	886,547	978,141	1,063,717
Agricultural services, forestry, fisheries, and other[7]	3,463	3,406	3,084	2,589	4,094	4,626	2,729	2,348	2,182	1,689	2,780	3,132
Agricultural services	3,308	3,313	2,969	2,464	4,002	4,528	2,258	1,731	1,783	1,559	2,582	2,924
Forestry, fisheries, and other[7]	155	93	115	125	92	98	471	617	399	130	198	208
Mining	109,514	113,170	90,479	63,706	54,402	52,300	4,729	6,054	6,839	4,962	5,318	5,856
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	112,631	(D)	(D)	53,931	51,878	1,627	1,943	2,914	995	836	807
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	554	(D)	(D)	425	386	(D)	(D)	(D)	(D)	(D)	(D)
Construction	75,875	86,854	91,663	92,873	87,479	83,876	33,476	38,876	46,830	54,285	64,384	70,796
Manufacturing	191,973	215,618	221,366	221,111	227,997	247,364	302,054	331,828	340,399	361,935	397,748	434,089
Nondurable goods	38,171	45,487	49,101	51,132	55,380	58,529	105,917	115,461	116,210	123,380	122,092	125,090
Food and kindred products	5,340	9,029	9,318	9,513	11,752	12,682	38,963	42,574	40,280	39,181	34,597	30,968
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,980	5,345	4,606	4,874	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	17,274	19,910	18,894	22,063	24,959	25,087
Paper and allied products	0	0	0	0	0	0	12,179	13,534	14,198	15,778	15,669	17,555
Printing and publishing	8,026	8,738	9,031	8,701	9,099	9,443	8,550	9,398	10,266	11,103	11,791	13,093
Chemicals and allied products	1,126	1,263	1,278	1,126	856	872	7,326	7,423	8,196	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	499	(D)	(D)	(D)	(D)	508
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	17,579	20,382	22,273	(D)	26,674	28,742	(D)	(D)	16,817	21,226	20,135	21,734
Leather and leather products	(D)	(D)	(D)	0	0	0	3,149	2,656	(D)	2,940	3,347	3,363
Durable goods	153,802	170,131	172,265	169,979	172,617	188,835	196,137	216,367	224,189	238,555	275,656	308,999
Lumber and wood products	6,195	(D)	3,657	1,700	1,375	1,350	10,869	10,996	16,323	20,817	21,534	35,811
Furniture and fixtures	1,720	1,536	1,746	414	289	534	18,580	23,346	27,394	25,826	33,133	35,664
Primary metal industries	(D)	18,894	(D)	(D)	(D)	(D)	24,180	27,899	25,259	24,768	24,110	28,078
Fabricated metal products	26,935	33,742	32,499	(D)	26,121	32,852	36,865	35,399	37,482	33,998	40,388	43,269
Machinery, except electrical	27,394	27,613	27,187	24,609	23,082	25,576	32,002	31,800	34,596	41,738	51,732	57,681
Electric and electronic equipment	28,962	32,053	28,697	30,872	30,336	31,253	31,095	33,010	30,868	33,375	35,594	34,170
Transportation equip. excl. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	46,125	48,318	54,928	56,972	59,901	62,647	4,930	5,010	4,560	6,304	7,395	6,590
Instruments and related products	(D)	(D)	0	0	(D)	(D)	4,120	4,727	6,662	7,617	7,498	(D)
Miscellaneous manufacturing industries	1,947	2,417	2,132	2,048	2,094	3,269	981	1,037	967	883	949	1,138
Transportation and public utilities	70,288	71,680	81,159	74,888	85,880	87,837	54,371	58,331	57,740	59,271	60,883	60,669
Railroad transportation	8,892	9,172	8,294	8,567	9,131	8,908	6,644	6,413	5,689	5,607	5,517	4,550
Trucking and warehousing	16,499	18,237	18,261	18,894	18,866	19,767	17,106	20,491	19,942	20,290	22,073	23,687
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,612	2,773	3,054	3,459	4,049	4,597
Communication	17,851	16,272	23,686	15,634	28,683	28,035	15,899	16,375	15,305	15,703	16,297	14,272
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	11,110	12,279	13,750	14,212	12,947	13,563
Wholesale trade	51,845	60,540	57,134	61,848	50,300	55,538	40,751	41,102	45,967	51,797	57,718	66,505
Retail trade	136,995	137,432	142,076	141,691	139,247	142,592	91,627	94,544	94,303	101,760	108,670	120,636
Finance, insurance, and real estate	50,567	52,181	54,668	56,882	55,443	53,390	36,496	38,982	41,937	43,962	49,142	51,691
Banking and credit agencies	24,936	25,050	25,104	24,661	23,940	23,326	16,042	18,119	19,915	20,069	22,908	25,001
Other finance, insurance, and real estate[9]	25,631	27,131	29,564	32,221	31,503	30,064	20,454	20,863	22,022	23,893	26,234	26,690
Services	198,443	217,186	239,323	255,808	287,549	309,921	154,523	172,747	185,584	206,886	231,498	250,343
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	3,082	2,975	2,768	3,387	3,792	4,136	4,734
Personal services	15,452	15,977	19,052	20,843	21,651	23,045	6,981	6,890	9,578	10,346	10,576	11,331
Private households	13,534	15,254	15,540	15,725	15,841	15,999	1,632	1,803	1,796	1,789	1,798	1,817
Business services	30,193	33,759	38,628	39,384	46,711	53,435	8,611	10,720	12,360	15,659	19,762	22,934
Auto repair, services, and garages	14,270	14,331	16,226	16,316	17,424	18,886	10,124	11,795	13,919	14,719	15,333	16,513
Miscellaneous repair services	7,562	7,863	7,313	6,314	6,525	6,678	(D)	2,632	2,238	2,184	2,390	2,604
Amusement and recreation services	3,144	3,772	4,455	4,987	5,566	5,854	2,359	2,635	2,940	3,434	3,943	4,514
Motion pictures	1,359	497	476	452	226	(D)	(D)	73	102	289	245	243
Health services	62,251	68,974	78,876	93,338	108,460	116,217	88,569	94,348	99,197	107,918	121,186	127,159
Legal services	8,916	10,675	13,076	13,659	18,694	19,291	6,874	9,183	9,366	11,383	12,175	13,717
Educational services	1,146	1,348	1,480	1,606	1,730	2,108	7,330	8,168	8,887	9,441	10,268	10,902
Social services	8,733	9,344	9,869	4,801	5,181	5,340	3,839	6,162	6,247	7,123	8,279	9,959
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	7,521	7,829	8,682	8,550	8,828	9,456	7,629	7,922	8,121	8,801	9,633	10,583
Miscellaneous services	18,420	22,105	21,482	26,335	27,356	30,183	5,212	7,648	7,446	10,008	11,774	13,333
Government and government enterprises	291,075	305,618	316,242	316,846	317,456	315,858	102,940	109,330	117,393	124,391	134,391	146,219
Federal, civilian	55,096	56,125	58,633	55,044	54,026	53,333	10,423	11,147	12,302	12,607	14,567	16,380
Military	119,329	127,153	132,603	140,031	133,850	123,086	3,431	2,896	3,238	3,438	3,473	3,600
State and local	116,650	122,340	125,006	121,771	129,580	139,439	89,086	95,287	101,853	108,346	116,351	126,239

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Wilmington, DE—NJ—MD (PMSA)						Wilmington, NC (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**7,151,886**	**7,759,857**	**8,439,784**	**8,964,922**	**9,817,206**	**10,718,976**	**1,103,870**	**1,209,462**	**1,338,237**	**1,475,277**	**1,578,085**	**1,706,873**
Nonfarm personal income	7,118,783	7,713,102	8,396,400	8,920,805	9,770,388	10,667,332	1,102,003	1,207,341	1,336,415	1,473,354	1,575,302	1,703,781
Farm income[1]	33,103	46,755	43,384	44,117	46,818	51,644	1,867	2,121	1,822	1,923	2,783	3,092
Population (thousands)[2]	534.1	538.3	543.4	553.5	562.5	573.5	108.8	110.4	112.3	114.6	116.3	117.3
Per capita personal income (dollars)	**13,391**	**14,415**	**15,530**	**16,196**	**17,454**	**18,691**	**10,145**	**10,959**	**11,919**	**12,877**	**13,569**	**14,546**
Derivation of total personal income:												
Total earnings by place of work	5,819,919	6,272,978	6,851,691	7,082,255	7,728,732	8,535,772	823,038	904,660	1,003,563	1,145,558	1,204,735	1,307,963
Less: Personal contributions for social insurance[3]	444,429	481,356	551,431	631,453	686,248	791,636	49,073	53,884	62,512	71,661	74,886	84,521
Plus: Adjustment for residence	−217,131	−208,281	−246,748	−50,342	21,769	−62,813	−24,773	−29,742	−35,818	−66,216	−71,927	−84,138
Equals: Net earnings by place of residence	5,158,359	5,583,341	6,053,512	6,400,460	7,064,253	7,681,323	749,192	821,034	905,233	1,007,681	1,057,922	1,139,304
Plus: Dividends, interest, and rent[5]	1,111,245	1,241,142	1,393,426	1,483,888	1,623,427	1,811,034	165,832	195,296	222,571	238,578	274,010	302,240
Plus: Transfer payments	882,282	935,374	992,846	1,080,574	1,129,526	1,226,619	188,846	193,132	210,433	229,018	246,153	265,329
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,806,683	5,177,676	5,641,641	5,795,945	6,328,994	7,020,404	678,474	742,657	821,353	928,846	975,598	1,062,729
Other labor income	618,278	636,094	659,623	680,774	726,316	776,792	68,098	69,458	72,255	83,219	86,524	92,264
Proprietors' income[6]	394,958	459,208	550,427	605,536	673,422	738,576	76,466	92,545	109,955	133,493	142,613	152,970
Farm	21,511	35,432	32,345	33,309	35,551	40,444	1,485	1,741	1,465	1,583	2,437	2,755
Nonfarm	373,447	423,776	518,082	572,227	637,871	698,132	74,981	90,804	108,490	131,910	140,176	150,215
Earnings by industry:												
Farm	33,103	46,755	43,384	44,117	46,818	51,644	1,867	2,121	1,822	1,923	2,783	3,092
Nonfarm	5,786,816	6,226,223	6,808,307	7,038,138	7,681,914	8,484,128	821,171	902,539	1,001,741	1,143,635	1,201,952	1,304,871
Private	5,168,186	5,562,100	6,099,403	6,282,128	6,865,386	7,591,780	665,567	738,551	818,467	942,569	986,305	1,060,915
Agricultural services, forestry, fisheries, and other[7]	14,228	14,751	15,093	16,809	(D)	(D)	3,572	3,624	5,463	6,346	8,825	9,487
Agricultural services	12,237*	12,937*	13,178*	14,536*	(D)	(D)	2,626	3,341	4,294	4,602	7,219	7,678
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	1,003	1,094	946	283	1,169	1,744	1,606	1,809
Mining	21,754	24,025	33,199	14,375	(D)	(D)	3,165	3,521	4,621	2,520	2,391	2,153
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	6,826	7,453	(D)	1,841	2,968	783	648	630
Metal mining	0	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	727,167	764,143	855,870	731,840	712,930	860,797	54,300	70,384	79,638	84,312	96,982	101,144
Manufacturing	2,210,328	2,364,772	2,514,912	2,487,665	2,618,082	2,696,233	190,871	187,635	197,116	259,242	257,758	254,787
Nondurable goods	1,631,190	1,729,865	1,823,606	1,862,721	1,927,611	2,061,621	125,390	131,696	132,578	183,719	182,112	175,288
Food and kindred products	23,554*	21,970*	21,557*	20,191*	22,296*	21,781*	9,076	9,473	10,741	13,388	13,382	12,028
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	482	2,043	2,755
Apparel and other textile products	(D)	(D)	9,743*	(D)	(D)	(D)	9,500	11,693	11,526	12,466	13,215	12,911
Paper and allied products	21,382	15,821	16,038	18,110	23,158	24,188	(D)	(D)	(D)	(D)	(D)	9,638
Printing and publishing	(D)	40,008	45,193*	48,671	55,679	52,748*	5,978	6,684	7,552	8,349	8,926	9,541
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	88,104	92,331	92,914	140,920	135,702	127,962
Petroleum and coal products	65,432	66,859*	65,079*	(D)	52,058	(D)	0	0	480	(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	579,138	634,907	691,306	624,944	690,471	634,612	65,481	55,939	64,538	75,523	75,646	79,499
Lumber and wood products	(D)	7,014	7,971	(D)	9,779	(D)	5,053	4,340	5,223	7,424	8,042	8,418
Furniture and fixtures	(D)	(D)	1,167	1,701	4,278	6,017	(D)	1,268	1,446	1,742	1,195	1,040
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	755	(D)	(D)	(D)	(D)
Fabricated metal products	30,538*	31,492*	28,332*	36,707*	37,151*	38,444*	17,659	5,092	5,731	6,237	6,619	7,084
Machinery, except electrical	29,278*	29,976*	31,221*	32,777*	34,278*	36,187*	12,258	(D)	(D)	(D)	20,348	20,663
Electric and electronic equipment	(D)	(D)	(D)	83,024*	81,207*	91,439*	21,157	22,361	28,974	37,264	29,390	7,510
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,290	1,630	1,570	1,389	2,533	2,986
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)	4,226	3,762	3,860	4,202	4,667	28,031
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)	0	0	(D)	(D)	(D)
Transportation and public utilities	(D)	364,704	(D)	(D)	(D)	(D)	86,505	88,709	93,147	94,141	90,268	95,055
Railroad transportation	(D)	41,027	37,771	(D)	(D)	(D)	7,952	7,628	7,165	5,933	4,365	4,043
Trucking and warehousing	(D)	88,512	93,099	106,617	144,349	151,336	19,005	21,599	22,129	23,291	24,484	26,164
Water transportation	13,962	15,371	16,547	(D)	35,395	40,256*	11,736	11,738	13,399	13,973	13,400	13,138
Other transportation[8]	24,836	25,314	28,351	31,055	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	45,939*	47,060	57,052	64,911	20,725	21,297	22,733	23,498	24,232	25,886
Electric, gas, and sanitary services	(D)	138,744*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	213,418*	236,724	252,084	275,637	308,376	388,144	44,818	52,956	66,883	76,193	66,664	79,769
Retail trade	453,025	489,838	519,997	567,153	627,665	686,607	109,215	123,877	135,148	147,797	158,678	170,965
Finance, insurance, and real estate	284,991	323,496	380,858	466,600	590,312	670,995	29,311	32,921	38,745	43,353	49,875	53,259
Banking and credit agencies	143,381	(D)	221,734	280,372*	357,584*	408,897	11,078	12,573	14,705	17,876	20,280	(D)
Other finance, insurance, and real estate[9]	141,610	(D)	159,124	176,805*	223,284*	262,098	18,233	20,348	24,040	25,477	29,595	(D)
Services	890,742	979,647	1,029,265*	1,170,161*	1,342,956*	1,567,099*	143,810	174,924	197,706	228,665	254,864	294,296
Hotels and other lodging places	(D)	22,046*	23,172	26,065	30,246	32,917	6,445	6,820	7,169	7,691	7,584	9,331
Personal services	33,834	35,654	42,545	46,449	52,874	59,686	10,469	11,623	13,384	13,629	15,205	17,784
Private households	(D)	30,645	31,069	31,383	31,938	32,731	5,853	6,577	6,678	6,713	6,812	6,943
Business services	155,381	171,064	201,069*	242,569*	290,992*	347,707*	20,729	25,463	33,018	36,695	41,041	56,602
Auto repair, services, and garages	38,714	44,775	52,777	50,912	58,928	72,358	7,869	9,062	10,838	12,554	13,675	15,456
Miscellaneous repair services	(D)	(D)	17,002*	(D)	21,852*	29,281	6,296	7,515	6,482	5,609	6,756	8,546
Amusement and recreation services	17,076	19,951	24,638	27,177	29,211	32,296	2,877	3,095	3,296	4,123	5,479	5,805
Motion pictures	1,169*	1,427	1,554	1,912	2,145	2,155	(D)	(D)	(D)	(D)	(D)	(D)
Health services	322,882	349,782	380,802	431,435	489,654	568,316	46,180	55,363	61,300	67,904	81,158	90,651
Legal services	69,392	79,821	88,992	104,724	122,183	147,766	8,584	11,434	12,329	14,509	15,759	17,394
Educational services	40,156	44,047	42,703	45,158	51,067	59,511	1,808	2,288	2,419	2,684	3,068	3,418
Social services	32,996	35,670	38,581	43,756	48,772	56,993	2,500	2,869	3,269	3,667	4,114	4,917
Museums, botanical, zoological gardens	8,055	8,545	9,081	9,544	10,573	13,786	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	42,353	46,368	48,036	50,244	54,800	59,300	8,060	8,358	8,318	8,797	9,375	8,925
Miscellaneous services	(D)	67,114	91,841	112,179	121,937	139,811	15,701	19,133	22,797	30,311	34,741	46,796
Government and government enterprises	618,630	664,123	708,904	756,010	816,528	892,348	155,604	163,988	183,274	201,066	215,647	243,956
Federal, civilian	116,294	126,887	135,228	134,907	146,109	159,655	22,799	23,853	26,416	27,711	29,269	32,982
Military	17,592	18,498	20,009	22,547	23,767	24,645	8,687	9,267	9,752	9,679	8,823	9,815
State and local	484,744	518,738	553,667	598,556	646,652	708,048	124,118	130,868	147,106	163,676	177,555	201,159

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Worcester—Fitchburg—Leominster, MA (NECMA)						Yakima, WA (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**8,122,725**	**9,053,479**	**9,750,000**	**10,666,793**	**11,742,370**	**12,867,750**	**1,831,483**	**2,004,154**	**2,046,797**	**2,208,061**	**2,349,770**	**2,423,871**
Nonfarm personal income	8,102,691	9,027,278	9,725,212	10,626,289	11,718,124	12,838,734	1,691,429	1,816,949	1,901,268	1,976,667	2,109,649	2,240,127
Farm income[1]	20,034	26,201	24,788	40,504	24,246	29,016	140,054	187,205	145,529	231,394	240,121	183,744
Population (thousands)[2]	646.8	649.4	654.0	657.4	665.9	675.4	179.5	180.8	182.3	182.3	183.3	185.5
Per capita personal income (dollars)	**12,558**	**13,942**	**14,908**	**16,226**	**17,634**	**19,052**	**10,204**	**11,083**	**11,226**	**12,112**	**12,820**	**13,063**
Derivation of total personal income:												
Total earnings by place of work	4,875,271	5,498,675	6,006,400	6,644,433	7,406,877	8,167,543	1,158,343	1,286,254	1,273,898	1,405,874	1,513,502	1,527,129
Less: Personal contributions for social insurance[3]	276,310	313,127	359,010	411,784	450,302	518,030	60,486	64,866	70,952	75,637	82,244	91,089
Plus: Adjustment for residence	965,604	1,100,393	1,234,789	1,357,371	1,516,534	1,667,595	65,008	62,274	65,905	68,571	73,429	75,811
Equals: Net earnings by place of residence	5,564,565	6,285,941	6,882,179	7,590,020	8,473,109	9,317,108	1,162,865	1,283,662	1,268,851	1,398,808	1,504,687	1,511,851
Plus: Dividends, interest, and rent[4]	1,192,234	1,365,466	1,431,001	1,526,648	1,646,666	1,821,599	311,363	337,046	353,216	369,711	387,923	426,956
Plus: Transfer payments	1,365,926	1,402,072	1,436,820	1,550,125	1,622,595	1,729,043	357,255	383,446	424,730	439,542	457,160	485,064
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,014,127	4,534,270	4,945,752	5,458,920	6,117,746	6,763,774	891,784	951,549	972,858	1,012,409	1,091,274	1,148,102
Other labor income	455,612	494,818	512,084	559,559	615,968	671,285	71,755	74,614	73,812	76,113	80,847	83,899
Proprietors' income[5]	405,532	469,587	548,564	625,954	673,163	732,484	194,804	260,091	227,228	317,352	341,381	295,128
Farm	13,226	19,500	18,267	34,144	17,636	22,454	69,090	117,663	75,947	161,849	166,193	108,909
Nonfarm	392,306	450,087	530,297	591,810	655,527	710,030	125,714	142,428	151,281	155,503	175,188	186,219
Earnings by industry:												
Farm	20,034	26,201	24,788	40,504	24,246	29,016	140,054	187,205	145,529	231,394	240,121	183,744
Nonfarm	4,855,237	5,472,474	5,981,612	6,603,929	7,382,631	8,138,527	1,018,289	1,099,049	1,128,369	1,174,480	1,273,381	1,343,385
Private	4,300,164	4,867,469	5,329,357	5,886,502	6,589,668	7,254,433	846,453	912,238	923,144	959,096	1,046,805	1,097,038
Agricultural services, forestry, fisheries, and other[7]	12,531	13,206	17,303	20,625	28,237	34,289	23,419	24,396	24,299	24,754	34,080	37,258
Agricultural services	11,702	12,696	16,424	19,274	27,032	32,937	22,580	23,699	23,888	24,166	33,486	36,604
Forestry, fisheries, and other[7]	829	510	879	1,351	1,205	1,352	839	697	411	588	594	654
Mining	11,142	12,745	16,731	9,310	9,198	9,429	2,528	3,869	3,816	2,132	2,577	2,487
Coal mining	56	(L)	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	8,727	9,441	12,907	3,785	3,466	3,178	1,723	2,624	2,785	941	948	848
Metal mining	(L)	(L)	(L)	(L)	(D)	(D)	(L)	(L)	(L)	0	(L)	(L)
Nonmetallic minerals, except fuels	2,360	3,261	3,795	5,486	5,654	6,080	803	1,247	1,028	1,184	1,596	1,613
Construction	254,026	317,637	400,700	499,668	610,574	653,876	61,140	72,576	68,242	70,301	77,816	78,268
Manufacturing	1,774,432	1,993,881	2,030,429	2,112,018	2,210,776	2,364,288	159,285	172,659	184,406	192,051	208,319	208,916
Nondurable goods	518,352	550,230	553,180	585,839	654,666	682,293	86,225	94,158	100,213	103,893	114,098	113,476
Food and kindred products	29,844	31,071	33,852	35,317	35,755	40,452	58,779	63,641	66,319	70,616	76,896	70,219
Textile mill products	64,039	70,376	69,982	67,703	70,388	68,331	0	0	0	0	0	0
Apparel and other textile products	29,741	30,531	28,118	23,969	17,822	17,414	(D)	(D)	(D)	625	(D)	492
Paper and allied products	78,529	84,384	82,227	85,923	88,352	96,261	12,607	14,427	15,965	16,124	17,955	22,689
Printing and publishing	64,254	71,459	80,203	89,619	136,971	154,169	7,900	8,459	8,150	8,072	8,032	8,340
Chemicals and allied products	50,311	52,791	52,269	56,255	63,648	62,176	(D)	(D)	999	954	1,033	1,156
Petroleum and coal products	8,682	9,441	10,079	11,704	13,705	14,333	0	102	(D)	323	(D)	574
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	163,720	175,650	176,762	195,994	210,810	214,692	5,635	6,080	7,497	7,179	9,551	10,006
Leather and leather products	29,232	24,527	19,688	19,355	17,215	14,465	0	0	0	0	0	0
Durable goods	1,256,080	1,443,651	1,477,249	1,526,179	1,556,110	1,681,995	73,060	78,501	84,193	88,158	94,221	95,440
Lumber and wood products	8,569	10,421	11,281	12,919	15,946	18,056	36,771	38,028	38,751	38,954	40,683	38,518
Furniture and fixtures	59,077	64,551	66,229	82,644	81,377	80,093	2,628	2,765	2,782	2,525	3,313	3,696
Primary metal industries	75,594	86,324	74,497	83,147	77,486	84,616	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	243,808	292,454	297,945	261,927	261,706	284,253	6,169	6,152	7,212	7,541	7,623	6,337
Machinery, except electrical	497,940	578,067	602,406	555,564	584,978	660,343	10,410	11,216	11,649	13,598	13,500	13,678
Electric and electronic equipment	61,203	74,994	85,409	200,784	203,157	189,209	0	(D)	(D)	(D)	(D)	(D)
Transportation equip. excl. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	6,972	7,925	10,010	10,572	12,814	14,805
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,202	3,419	4,112	6,068
Stone, clay, and glass products	162,957	182,907	176,825	160,001	163,175	194,316	2,874	4,062	3,059	3,457	3,603	2,997
Instruments and related products	117,667	126,826	138,210	144,828	144,608	145,121	(D)	913	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	27,016	24,483	21,505	18,839	17,714	19,119	5,632	6,631	5,412	6,866	7,317	7,823
Transportation and public utilities	258,762	285,535	317,297	337,076	367,944	415,978	67,954	74,627	73,241	74,630	75,559	78,214
Railroad transportation	6,953	8,714	7,531	7,021	7,299	6,970	4,559	4,368	3,538	3,142	2,887	2,607
Trucking and warehousing	80,446	91,504	96,985	113,052	121,100	141,133	28,664	34,115	33,003	34,759	36,061	38,231
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,218	4,849	4,436	4,552	(D)	6,017
Communication	60,012	56,932	73,740	77,521	86,421	90,067	21,094	21,155	21,202	21,403	21,127	20,627
Electric, gas, and sanitary services	83,755	95,393	101,597	100,857	107,647	120,094	9,432	10,152	11,069	10,784	10,282	10,719
Wholesale trade	298,692	334,727	380,430	426,524	506,764	556,097	122,809	122,356	115,816	122,424	141,661	148,047
Retail trade	469,432	529,249	593,775	674,183	757,624	818,850	140,680	147,686	149,518	155,322	160,576	173,984
Finance, insurance, and real estate	246,726	268,130	308,444	366,775	437,865	481,534	36,560	39,322	35,708	37,413	40,077	41,109
Banking and credit agencies	85,816	92,265	100,490	120,022	140,143	152,484	16,811	17,641	17,954	19,439	19,054	19,762
Other finance, insurance, and real estate[9]	160,910	175,865	207,954	246,753	297,722	329,050	19,749	21,681	17,754	17,974	21,023	21,347
Services	974,421	1,112,359	1,264,248	1,440,323	1,660,686	1,920,092	232,078	254,747	268,098	280,069	306,140	328,755
Hotels and other lodging places	13,798	14,193	16,685	21,420	27,499	31,993	5,538	5,214	4,444	3,425	4,981	5,343
Personal services	45,852	51,368	63,883	68,400	75,769	90,821	13,111	14,705	16,815	18,482	19,041	21,407
Private households	11,420	12,702	12,759	12,697	12,769	12,925	2,630	2,935	2,973	2,994	3,055	3,145
Business services	138,565	177,077	222,204	258,051	314,822	402,151	19,829	25,197	28,389	30,426	35,088	30,683
Auto repair, services, and garages	49,598	60,215	71,215	81,617	90,596	104,088	14,283	17,508	18,304	17,754	19,171	20,047
Miscellaneous repair services	15,478	18,607	18,893	22,445	23,986	27,895	6,927	8,539	7,366	7,814	8,435	9,842
Amusement and recreation services	12,020	13,536	15,094	17,993	20,898	25,310	4,487	5,489	5,441	5,138	5,615	6,511
Motion pictures	1,304	1,445	(D)	1,727	1,895	2,329	(D)	(D)	(D)	(D)	(D)	(D)
Health services	408,342	447,010	478,195	518,464	595,412	672,724	97,911	101,393	107,584	111,094	123,110	136,434
Legal services	51,232	59,714	69,357	83,933	94,500	108,984	15,026	17,859	19,387	21,159	21,586	23,042
Educational services	81,576	91,338	102,742	120,606	136,820	138,272	6,270	7,277	7,511	8,322	8,954	9,790
Social services	49,207	53,487	59,122	70,098	85,614	98,965	10,526	10,303	11,377	12,076	13,774	15,843
Museums, botanical, zoological gardens	4,837	5,745	(D)	7,030	7,728	9,006	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	37,427	43,592	45,869	50,255	54,484	59,254	20,431	21,450	21,792	20,932	22,262	24,476
Miscellaneous services	53,765	62,330	80,318	105,587	117,894	135,375	13,945	15,736	15,787	19,657	20,317	21,422
Government and government enterprises	555,073	605,005	652,255	717,427	792,963	884,094	171,836	186,811	205,225	215,384	226,576	246,347
Federal, civilian	52,252	56,849	61,315	64,774	70,979	81,211	26,761	27,880	30,703	30,687	34,252	38,217
Military	17,010	17,164	17,790	20,297	21,262	22,084	7,028	7,591	7,739	8,171	8,399	8,801
State and local	485,811	530,992	573,150	632,356	700,722	780,799	138,047	151,340	166,783	176,526	183,925	199,329

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	York, PA (MSA)						Youngstown—Warren, OH (MSA)					
	1983	1984	1985	1986	1987	1988	1983	1984	1985	1986	1987	1988
Income by Place of Residence												
Total personal income	**4,789,121**	**5,216,052**	**5,586,525**	**5,986,872**	**6,475,878**	**7,030,799**	**5,653,772**	**6,078,580**	**6,294,143**	**6,415,780**	**6,648,669**	**7,148,621**
Nonfarm personal income	4,765,955	5,165,521	5,550,114	5,943,244	6,432,632	6,990,793	5,648,945	6,067,184	6,282,706	6,405,666	6,635,572	7,139,603
Farm income[1]	23,166	50,531	36,411	43,628	43,246	40,006	4,827	11,396	11,437	10,114	13,097	9,018
Population (thousands)[2]	388.1	391.6	393.3	397.4	403.3	410.4	521.2	516.7	513.6	506.8	502.4	501.7
Per capita personal income (dollars)	**12,339**	**13,320**	**14,205**	**15,064**	**16,057**	**17,132**	**10,847**	**11,765**	**12,255**	**12,660**	**13,234**	**14,248**
Derivation of total personal income:												
Total earnings by place of work	3,008,591	3,339,568	3,561,518	3,789,393	4,149,875	4,537,238	3,950,843	4,341,930	4,484,703	4,506,363	4,674,464	5,093,318
Less: Personal contributions for social insurance[3]	185,983	210,400	236,265	253,467	272,687	312,319	256,936	284,201	310,017	318,194	328,523	374,815
Plus: Adjustment for residence	580,891	649,643	681,379	761,617	820,631	889,519	−89,176	−111,117	−133,185	−157,011	−162,696	−204,939
Equals: Net earnings by place of residence	3,403,499	3,778,811	4,006,632	4,297,543	4,697,819	5,114,438	3,604,731	3,946,612	4,041,501	4,031,158	4,183,245	4,513,564
Plus: Dividends, interest, and rent[4]	712,073	780,703	861,708	926,220	986,076	1,076,375	881,191	966,541	1,017,183	1,062,481	1,071,167	1,167,699
Plus: Transfer payments	673,549	656,538	718,185	763,109	791,983	839,986	1,167,850	1,165,427	1,235,459	1,322,141	1,394,257	1,467,358
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,412,833	2,661,345	2,852,124	3,003,303	3,288,630	3,611,191	3,251,257	3,573,051	3,709,117	3,712,712	3,839,721	4,202,390
Other labor income	281,238	298,566	309,164	328,951	362,519	399,104	436,362	464,062	453,891	451,272	455,014	492,842
Proprietors' income[5]	314,520	379,657	400,230	457,139	498,726	526,943	263,224	304,817	321,695	342,379	379,729	398,086
Farm	7,417	35,157	20,977	28,294	27,033	23,665	532	7,163	7,306	6,065	8,893	4,871
Nonfarm	307,103	344,500	379,253	428,845	471,693	503,278	262,692	297,654	314,389	336,314	370,836	393,215
Earnings by industry:												
Farm	23,166	50,531	36,411	43,628	43,246	40,006	4,827	11,396	11,437	10,114	13,097	9,018
Nonfarm	2,985,425	3,289,037	3,525,107	3,745,765	4,106,629	4,497,232	3,946,016	4,330,534	4,473,266	4,496,249	4,661,367	5,084,300
Private	2,668,952	2,960,660	3,175,049	3,392,743	3,729,634	4,095,483	3,547,546	3,909,245	4,029,952	4,034,162	4,167,994	4,524,898
Agricultural services, forestry, fisheries, and other[7]	13,915	13,565	13,816	14,426	20,863	(D)	10,665	11,659	12,144	12,266	16,026	17,414
Agricultural services	12,305	11,976	12,052	12,576	18,879	20,957	9,913	11,045	11,914	12,256	15,959	17,360
Forestry, fisheries, and other[7]	1,610	1,589	1,764	1,850	1,984	(D)	752	614	230	(L)	67	54
Mining	(D)	15,190	19,775	14,491	15,254	14,674	23,566	24,764	29,628	20,165	23,487	20,490
Coal mining	(L)	54	52	69	(L)	(L)	2,872	3,395	3,627	3,884	4,012	3,440*
Oil and gas extraction	(D)	5,632	(D)	(D)	2,679	2,586	(D)	20,423	24,640	14,347	13,740	13,302
Metal mining	(L)	(L)	(L)	0	(L)	(L)	−122	−419	(D)	(D)	(D)	1,283*
Nonmetallic minerals, except fuels	(D)	9,508	10,975*	11,472*	12,529	12,044	(D)	1,365	(D)	(D)	(D)	2,338
Construction	180,338	209,201	258,902	282,886	338,702	381,613	164,932	192,037	215,609	237,668	263,425	266,212
Manufacturing	1,251,552	1,398,499	1,427,699	1,480,302	1,568,732	1,716,367	1,756,809	1,960,445	1,947,546	1,819,711	1,782,017	1,974,471
Nondurable goods	409,143	432,337	436,149	468,596	495,988	544,968	108,008	116,171	116,665	118,497	117,292	127,350
Food and kindred products	89,779	93,622	102,461	109,911	118,616	140,006	30,450	31,677	31,507	33,366	34,589	37,310
Textile mill products	41,308*	37,143*	25,253	23,952	24,697	24,957	0	0	(D)	(D)	(D)	(D)
Apparel and other textile products	39,161	39,760	39,943	41,029	42,260	42,758	4,138*	(D)	(D)	(D)	(D)	5,196*
Paper and allied products	100,872	111,006	116,524	125,460	136,751	(D)	9,107	(D)	(D)	(D)	(D)	9,722
Printing and publishing	83,260	89,450	94,438	105,787	113,632	124,237	27,648	27,048	28,606	29,419	30,060	31,718
Chemicals and allied products	8,434*	9,712	10,124	10,334	10,361*	11,695	(D)	(D)	(D)	(D)	4,606	(D)
Petroleum and coal products	1,744	2,384	1,431	1,683	(D)	(D)	1,225	1,530	1,456	1,755	2,380	3,172
Tobacco manufactures	4,093	3,839	3,604	4,617	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	10,282*	14,477*	17,191	20,726	18,345	22,435*	31,334	36,449	32,983	30,680	30,935	34,702
Leather and leather products	29,407	30,882	25,180	25,097	24,984	27,463	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	842,409	966,162	991,550	1,011,706	1,072,744	1,171,399	1,648,801	1,844,274	1,830,881	1,701,214	1,664,725	1,847,121
Lumber and wood products	23,212	27,829	28,472	35,019	39,792	42,150	5,781	6,887	5,627	5,926	7,200	9,093
Furniture and fixtures	43,061	50,180	48,795	43,849	44,337	47,905	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	28,190	29,380	28,786	29,790	34,098	35,688	808,189	896,166	862,061	795,063	779,931	836,941
Fabricated metal products	128,907	142,785	154,741	191,852	195,008	196,597	249,224	278,679	280,754	266,218	253,840	278,512
Machinery, except electrical	290,674	317,003*	318,274*	303,885	310,483*	378,406	105,154	113,842	113,418	109,308	106,598	112,788
Electric and electronic equipment	123,146	153,064	149,349	150,578	149,683	157,648	(D)	(D)	69,622	63,290	64,508	(D)
Transportation equip. excl. motor vehicles	94,749*	101,771*	118,506*	123,915*	134,225*	142,014*	(D)	(D)	(D)	29,201	26,106	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	57,849	64,644	67,998	71,457	81,864	98,298	35,104	37,295	37,820	34,183	34,059	37,303
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	2,177	3,201*	3,342*	4,066*	4,153*	4,571*
Miscellaneous manufacturing industries	13,224	13,111	14,299	15,690	16,769	17,265*	2,187*	2,653*	3,438	3,652	3,528*	4,831*
Transportation and public utilities	200,585	213,597	233,359	228,867	259,258	276,641	217,761	234,869	235,240	236,233	235,323	257,091
Railroad transportation	3,911	3,619	4,612	(D)	5,188	5,301	30,112	31,514	30,165	30,034	27,199	30,154
Trucking and warehousing	90,713	94,571	93,601	82,775	92,680	100,867	82,125	92,387	95,663	94,744	92,755	107,851
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	32,152	33,794	34,153	35,690	32,802*	34,184*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	63,729	69,936	88,839	91,905	112,502	118,926	46,181	50,002	52,004	51,244	52,454	56,579
Wholesale trade	155,739	170,662	185,022	199,564	210,333	(D)	176,568	194,276	210,224	223,061	244,631	276,898
Retail trade	328,424	357,814	382,582	424,085	467,958	512,553	374,088	389,039	403,930	422,179	431,024	465,125
Finance, insurance, and real estate	(D)	74,213	81,025	90,800	105,270	114,003	117,268	122,779	133,090	148,962	163,661	172,724
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	54,065	56,926	61,739	67,848	72,591	75,844
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	63,203	65,853	71,351	81,114	91,070	96,880
Services	455,492	507,919	572,869	657,322	743,264	827,845	705,889	779,377	842,541	913,917	1,008,400	1,074,473
Hotels and other lodging places	(D)	(D)	13,293	(D)	(D)	(D)	7,696	7,014	7,447	7,428	7,844	8,161
Personal services	30,676	34,894	44,937	49,710	53,240	56,057	39,235	40,772	48,374	48,681	52,406	54,575
Private households	6,162	6,817	6,803	6,777	6,811	6,886	7,380	8,166	8,166	8,111	8,160	8,241
Business services	55,749	64,376	75,411	98,484	112,770	125,338	51,137	65,036	77,926	94,469	113,248	119,305
Auto repair, services, and garages	36,747	41,554	47,197	52,376	56,288	62,535	28,438	39,364	43,279	40,894	42,852	42,525
Miscellaneous repair services	10,983	13,383	13,553	17,604	20,433	24,352	11,087	13,283	13,039	13,358	15,848	18,286
Amusement and recreation services	10,154	11,318	12,773	14,806	16,449	17,908	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,300	1,290	1,340	1,366	(D)	(D)
Health services	174,533	186,739	205,283	222,306	257,337	290,729	396,817	419,740	442,660	474,062	528,615	566,201
Legal services	19,104	22,697	25,348	28,894	31,666	34,538	28,004	33,407	36,633	40,495	42,962	47,678
Educational services	21,280	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	23,352	23,059
Social services	13,867	16,499	18,335	20,298	22,227	23,161	20,469	23,641	26,009	28,631	28,062	27,992
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	25,650	27,144	28,206	31,450	35,030	39,296	39,046	39,314	39,370	39,847	39,903	42,473
Miscellaneous services	37,873	45,808	55,218	70,981	83,858	95,706	44,465	53,372	59,796	75,496	80,664	90,460
Government and government enterprises	316,473	328,377	350,058	353,022	376,995	401,749	398,470	421,289	443,314	462,087	493,373	559,402
Federal, civilian	124,375	126,041	136,362	123,563	132,395	135,729	50,277	52,785	55,301	55,353	58,602	61,907
Military	11,046	9,974	11,215	11,855	11,995	12,617	7,080	6,950	7,531	8,192	8,600	8,935
State and local	181,052	192,362	202,481	217,604	232,605	253,403	341,113	361,554	380,482	398,542	426,171	488,560

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1983–88—Continued

[Thousands of dollars]

	Yuba City, CA (MSA)					
	1983	1984	1985	1986	1987	1988
Income by Place of Residence						
Total personal income	**1,074,130**	**1,178,516**	**1,269,887**	**1,323,532**	**1,413,978**	**1,498,652**
Nonfarm personal income	1,012,323	1,087,206	1,154,622	1,221,010	1,305,276	1,412,365
Farm income[1]	61,807	91,310	115,265	102,522	108,702	86,287
Population (thousands)[2]	109.0	109.8	111.9	113.3	115.8	118.4
Per capita personal income (dollars)	**9,852**	**10,736**	**11,351**	**11,686**	**12,208**	**12,653**
Derivation of total personal income:						
Total earnings by place of work	681,755	751,411	803,430	841,104	900,221	930,103
Less: Personal contributions for social insurance[3]	37,376	40,262	43,836	47,814	52,117	58,975
Plus: Adjustment for residence	2,235	10,073	13,269	11,368	19,396	26,695
Equals: Net earnings by place of residence	646,614	721,222	772,863	804,658	867,500	897,823
Plus: Dividends, interest, and rent[5]	173,575	189,721	200,436	203,205	215,611	237,121
Plus: Transfer payments	253,941	267,573	296,588	315,669	330,867	363,708
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	525,741	554,799	580,207	618,695	659,852	700,182
Other labor income	46,948	47,633	48,142	52,262	55,941	60,246
Proprietors' income[6]	109,066	148,979	175,081	170,147	184,428	169,675
Farm	32,549	60,566	84,384	72,947	74,470	52,151
Nonfarm	76,517	88,413	90,697	97,200	109,958	117,524
Earnings by industry:						
Farm	61,807	91,310	115,265	102,522	108,702	86,287
Nonfarm	619,948	660,101	688,165	738,582	791,519	843,816
Private	402,129	429,465	453,061	487,386	525,850	565,541
Agricultural services, forestry, fisheries, and other[7]	11,457	11,514	10,594	10,119	15,754	18,838
Agricultural services	11,086	11,288	10,332	9,862	15,546	18,566
Forestry, fisheries, and other[7]	371	226	262	257	208	272
Mining	5,812	6,100	7,877	5,953	6,613	6,546
Coal mining	(L)	(D)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	2,863	3,860	2,570	2,276	2,139
Metal mining	(D)	(D)	(D)	(D)	(D)	2,568*
Nonmetallic minerals, except fuels	139	(D)	(D)	(D)	(D)	1,756*
Construction	39,566	49,452	53,449	64,679	66,396	70,038
Manufacturing	75,380	70,781	67,041	73,927	78,969	77,175
Nondurable goods	34,500	26,770	27,059	28,435	28,559	25,551
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	0	0	0	0	0
Apparel and other textile products	(D)	141	(D)	(D)	246	(D)
Paper and allied products	0	(D)	0	0	0	0
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	(D)	176	292	0	0
Tobacco manufactures	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0
Durable goods	40,880	44,011	39,982	45,492	50,410	51,624
Lumber and wood products	29,197	28,881	25,414	32,486	36,332	38,607
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0
Fabricated metal products	3,481	(D)	4,811	5,432	(D)	(D)
Machinery, except electrical	6,145*	6,336*	6,472*	4,583	4,880	5,361
Electric and electronic equipment	(D)	(D)	(D)	(D)	0	0
Transportation equip. excl. motor vehicles	(D)	(D)	253*	(D)	(D)	(D)
Motor vehicles and equipment	(D)	0	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	339	311	184	462	(D)
Transportation and public utilities	42,140	44,127	45,083	49,371	51,218	54,327
Railroad transportation	868	826	751	675	733	(D)
Trucking and warehousing	14,132	17,765	16,165	17,734	19,462	20,619
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	3,731	(D)
Communication	(D)	(D)	(D)	(D)	3,746	4,101
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	23,554	23,656	27,817	28,696	32,416	41,817
Retail trade	74,727	81,099	84,131	85,468	87,750	94,290
Finance, insurance, and real estate	23,333	24,041	25,994	28,769	31,589	32,704
Banking and credit agencies	11,366	11,185	11,529	12,944	14,399	(D)
Other finance, insurance, and real estate[9]	11,967	12,856	14,465	15,825	17,190	(D)
Services	106,160	118,695	131,075	140,404	155,145	169,806
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	6,291	6,988	8,812	7,918	8,574	9,599
Private households	1,746	1,969	2,013	2,049	2,103	2,166
Business services	10,545	12,747	15,143	17,454	23,033	24,555
Auto repair, services, and garages	7,151	8,108	9,226	11,156	12,227	14,155
Miscellaneous repair services	4,199	5,524	4,361	5,586	5,630	6,314
Amusement and recreation services	2,441	2,360	2,446	2,912	2,745	2,653
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)
Health services	47,165	50,792	58,572	59,851	65,534	71,750
Legal services	4,981	6,259	7,128	7,565	7,337	9,066
Educational services	(D)	1,592	1,667	1,658	1,789	1,932
Social services	1,924	2,899	2,653	3,168	3,473	3,542
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,122	7,366	8,054	8,744	9,364	9,876
Miscellaneous services	9,118	9,927	9,039	10,305	11,107	11,653
Government and government enterprises	217,819	230,636	235,104	251,196	265,669	278,275
Federal, civilian	28,559	30,774	31,866	32,034	33,863	35,620
Military	78,407	83,144	87,148	91,874	96,068	94,460
State and local	110,853	116,718	116,090	127,288	135,738	148,195

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.
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. Far West Region totals do not include Alaska and Hawaii.
11. Cibola, NM, was separated from Valencia in June 1981.
12. 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.
13. La Paz County, AZ, was separated from Yuma County on January 1, 1983.

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Appendix B

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)	1969–90:I	Quarterly	4 months	P	.....	.....	226
Quarterly Personal Income by Major Source and Earnings by Industry (SQ5).	1969–90:I	Quarterly	4 months	P	T	D	227
Quarterly Wages and Salaries by Major Source and Major Industry (SQ7).	1969–90: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	1929–89	Annually	8 months	P	T	.....	229–232
Personal Income by Major Source and Earnings by Industry (SA5)	1929–89	Annually	8 months	P	T	D	233–234
Wage and Salary Disbursements by Industry (SA7)	1929–89	Annually	8 months	P	T	D	235–236
Full-time and Part-time Employees by Industry (SA25)	1969–89	Annually	8 months	P	T	D	237–238
Full-time and Part-time Wage and Salary Employees by Industry (SA27).	1969–89	Annually	8 months	P	T	D	239–240
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COUNTY ANNUAL SERIES *(Available for United States, Regions, States, Counties, and Metropolitan Areas)*							
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Personal Income by Major Source and Earnings by Industry (CA5.2)	1969–88	Annually	16 months	P	T	.....	250–251
Personal Income by Major Source and Earnings by Major Industry (CA5.1).	1969–88	Annually	16 months	P	T	D	252
Full-time and Part-time Employees by Industry (CA25)	1969–88	Annually	16 months	P	T	D	253
Regional Economic Profile (CA30)	1969–88	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	1969–88	Annually	12 months	P	T	D	254–255
BEARFACTS (BEA Regional FACT Sheet)	1978–88 1987–88	Annually	16 months	P	.....	D	256
Transfer Payments (CA35)	1969–88	Annually	16 months	P	T	D	257
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Census Journey to Work	1960,70,80	Decennial Census	.....	P	T	.....	258

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]

RANK	COUNTY	250 HIGHEST PER CAPITA INCOMES		RANK	COUNTY	250 LOWEST PER CAPITA INCOMES	
		DOLLARS	PERCENT OF NATIONAL AVERAGE			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 Bridge port–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 336 metropolitan areas: 249 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 1988 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 1983, whereas metropolitan areas as currently defined accounted for 81.6 percent of total personal income in 1983.

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, 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, 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

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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