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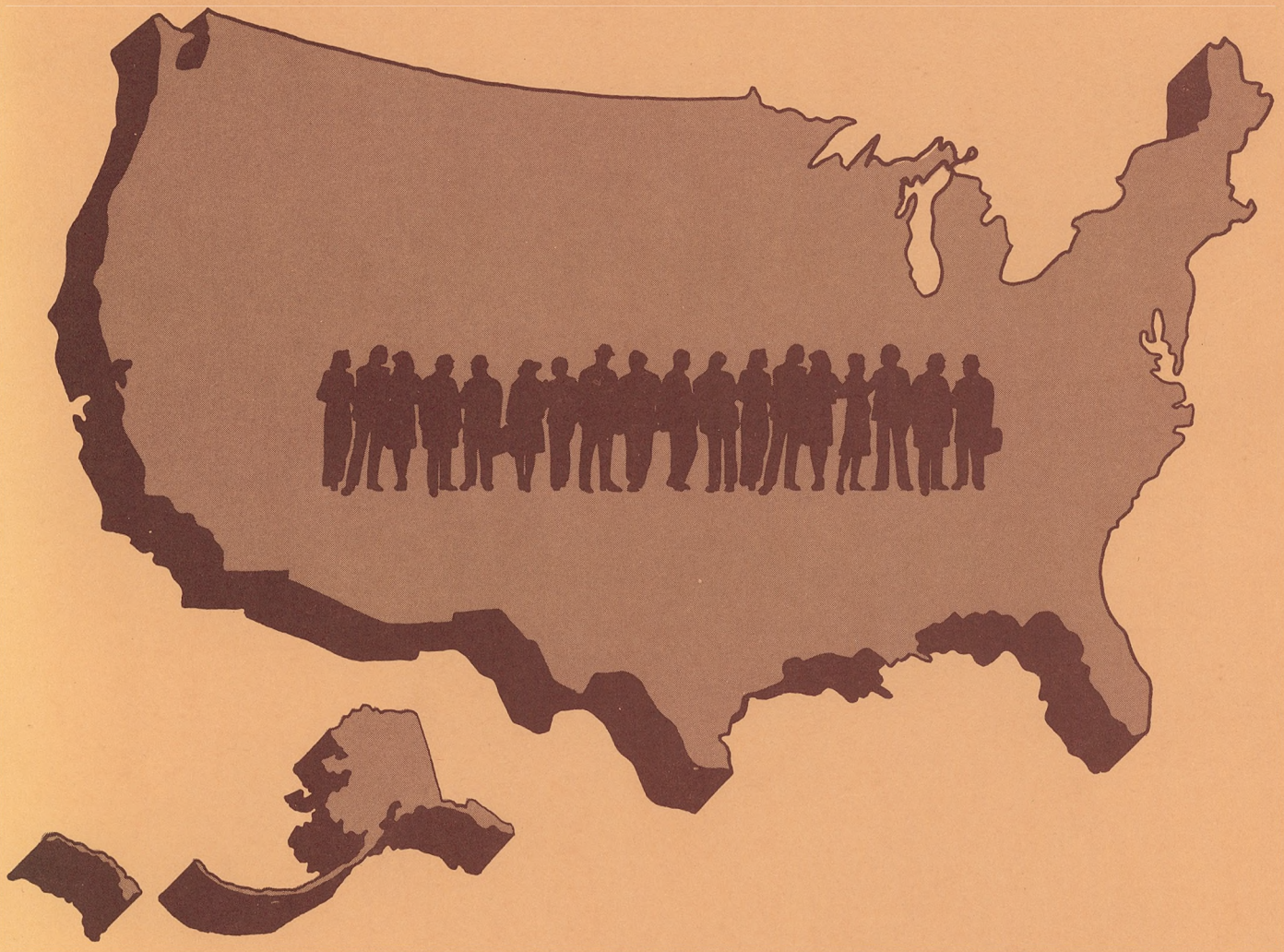
LOCAL AREA PERSONAL INCOME

VOLUME 1 • SUMMARY

1981-86



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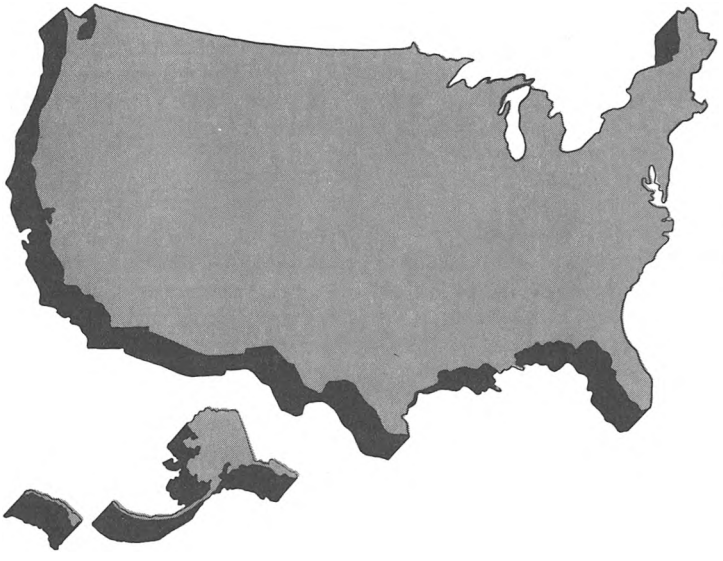

LOCAL AREA PERSONAL INCOME 1981-86

VOLUME 1

SUMMARY • *Including Methodology and Classification of Metropolitan Areas*

By • *Major Source*

For • *All States and Metropolitan Areas*

U.S. DEPARTMENT OF COMMERCE
C. William Verity, *Secretary*
Robert Ortner, *Under Secretary for Economic Affairs*

BUREAU OF ECONOMIC ANALYSIS
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July 1988

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FOREWORD

This set of *Local Area Personal Income*, which resumes the annual publication schedule, presents estimates for 1985 and 1986 for the first time and estimates for 1981–84 that are extensively revised and improved.

The estimates reflect the comprehensive revision of the national income and product accounts that was released in December 1985 and the most careful review of local area source data and estimating methods since the inception of the local area estimates.

The changes to the estimates of nonfarm proprietors' income are the result of a major reworking/overhaul incorporating both changes at the national level and the implementation of a more comprehensive and current statistical basis for the State and county distributions. Most other changes also result from the introduction of better source data as well as from the identification and correction of source data errors and anomalies. Although many of these changes are incremental, they are more numerous than in most previous comprehensive revisions; taken together with the nonfarm proprietors' income revision, they constitute a major improvement to the local area estimates.

DANIEL H. GARNICK
Associate Director for Regional Economics

July 1988

ACKNOWLEDGMENTS

The personal income estimates presented in this publication were produced by the Regional Economic Measurement Division, Bureau of Economic Analysis (BEA), under the direction of Linnea Hazen, Chief. The estimates were the result of a divisionwide effort.

Estimates of civilian 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, and James M. Scott. Contributing staff members include E. Frances Bake, Patricia M. Coakley, Elizabeth P. Cologer, Eddie L. Key, Russell C. Lusher, Richard A. Lutyk, Lisa C. Ninomiya, Adrienne T. Pilot, Michael G. Pilot, William E. Reid, Jr., John A. Rusinko, Victor Sahadachny, John S. Turner, John A. Vanderwolf, and Jaime Zenzano.

Estimates of Federal military income, transfer payments, personal contributions for social insurance, and the residence adjustment were prepared by the Quarterly Income Branch, under the supervision of Robert L. Brown, Chief. Contributing staff members include Thelma E. Harding, John M. Reed, Albert Silverman, James P. Stehle, Isabelle B. Whiston, Ellen M. Wright, Daniel Zabronsky, and Marianne A. Ziver.

Estimates of dividends, interest, rent, and proprietors' income were prepared by the Proprietors' Income Branch under the supervision of Arthur L. Sensenig, former Chief. Major responsibilities were assigned to Charles A. Jolley and James M. Zavrel. Contributing staff members include Elaine M. Briccetti, Dean J. Fusco, Richard H. Grayson, and Toui C. Pomsouvan.

The assembly of public-use tabulations and data files and the preparation of the text and tables for this publication were performed by the Regional Economic Information System (REIS) Branch. Major responsibilities were assigned to Kathy A. Albetski, Wallace K. Bailey, Kenneth P. Berkman, and Gary V. Kennedy. Secretarial support was provided by Hilda G. Tolson. Contributing staff members include Eairla A. Hawkins, Louise T. Johnson, Susan J. Lease-Trevathan, Lela S. Lester, Jeffrey L. Newman, Michael J. Paris, Darlene C. Robinson, Elizabeth R. Self, and Mary C. Williams.

Publishing services and text editing were provided by Sybella W. G'Schwend and M. Gretchen Gibson under the supervision of Leland L. Scott, Chief, Publication Services Branch, Current Business Analysis Division.

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

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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 1981–86, 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 estimates reflect the changes to personal income made in the 1985 comprehensive revision of the national income and product accounts (NIPA's) and extended to the State personal income series in August 1986. The estimates also reflect improvements made possible by the availability of new or more current data at the State and county levels. The revised series of local area personal income estimates extends back through 1969 and supersedes all previously published estimates for those years. The revised estimates for 1969–80 can be obtained as explained under "Data availability" 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 total personal income (TPI) among the larger metropolitan areas of each State and the percent change in TPI from 1981 to 1986 for these areas. These volumes also present a detailed description of the source data and estimating methods used in making the 1981–86 estimates; specifically, the description reflects the improvements that were introduced as part of the comprehensive revision. This statement of methodology is intended to give the user a basis for evaluating the reliability of the estimates and the necessary information for determining their suitability for various applications.

Volume 1 of the set is a national volume presenting 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 show the county definitions of metropolitan areas, describe the metropolitan area classification scheme, and present samples of tables available through the BEA Regional Economic Information System (REIS).

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 and estimates for the following: the United States; the region(s); and the States, the metropolitan statistical areas (MSA's), the primary metropolitan statistical areas (PMSA's), and the counties of the region(s). The earnings estimates in these volumes are at the SIC industry division 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 contained 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. Because estimates are made only for local areas that can be defined in terms of counties, the metropolitan areas for the New England States in BEA's local area personal income series are not the MSA's, CMSA's, and PMSA's—which are defined in terms of cities and towns—but rather are the alternative New England county metropolitan areas (NECMA's) developed by the Office of Management and Budget (OMB). (A more detailed description of the NECMA's is included in Appendix A 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. 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 indicates the major uses of the local area estimates and the schedules and formats in which they are made available. Finally, it describes the BEA User Group.

Historical development

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 last component, in the aggregate, was referred to as "property income.") 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 includes six major components in contrast to the four 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; and (3) 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 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 each of the metropolitan areas and almost all of the more than 3,100 counties and county equivalents in the United States. The exceptions are the smaller Virginia independent cities, generally those with fewer then 100,000 residents. The separate estimates for these cities have been discontinued because the geographic coding of the source data for these small areas has proved to be unreliable. Instead, these cities are now 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 frame-work 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 as input into econometric models for projecting program needs and as a framework for economic analysis. In addition, the estimates are used in formulas for the allocation of Federal funds.

State governments make extensive use of the estimates. The estimates are used to measure the economic base of State planning areas and in econometric models developed for various planning purposes. They are also used 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 schedules for the major regional series

Annual estimates of State personal income for a given year are subject to successive refinement. Preliminary estimates, based on the current State quarterly series, are published each April in the SURVEY, 4 months after the close of the reference year. These preliminary estimates are based in part on the Establishment Survey (the 790 program) of the Bureau of Labor Statistics (BLS), Department of Labor. The following August, 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 August are further refined to incorporate newly available information used to prepare the current local area estimates. These revised State estimates are published the following April, together with the consistent local area estimates. The annual estimates emerging from the three-step process described above are subject to still 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. At that point, the estimates will only be changed to incorporate a comprehensive revision of the NIPA's—which takes place approximately every 5 years—or additional or more current State and local area data.

The comprehensive revision of the NIPA's described in the December 1985 SURVEY was extended to the State estimates, for 1969 and later years, in the next annual cycle of State estimates. The resulting comprehensive revision of the State annual estimates was published in the August 1986 SURVEY. The results of the comprehensive revision of State estimates for 1929–68 will be available this August.

The annual cycle of the local area estimates was suspended for 1 year to facilitate the preparation of the local area comprehensive revision. Thus, estimates for both 1985 and 1986 are now available for the first time.

Data availability

The personal income tables in this five-volume set, as well as other standard tabulations discussed below, are available from REIS. REIS is the term applied to the data files, computer programs, and staff established for the maintenance, management, and distribution of the regional data base. This system currently contains approximately 32 million separate estimates covering about 3,500 areas.

REIS includes an information retrieval service that provides a variety of standard and specialized analytic tabulations for counties and specified combinations of counties. A sample set of standard tabulations available through this system is included in Appendix B of volume 1. These tabulations are available in magnetic tape, microfiche, computer printout, and microcomputer diskette form; they are also available electronically on the Department of Commerce's Economic Bulletin Board. (The Bulletin Board is available by subscription from the National Technical Information Service.) The REIS data base currently includes the following data sets.

Quarterly State personal income.—Quarterly estimates of State personal income, seasonally adjusted at annual rates, are available approximately 4 months after the close of the reference quarter. The quarterly State personal income estimates provide a series for analyzing and tracking current economic developments in the 50 States and the District of Columbia. Summary-level quarterly estimates are published in the January, April, July, and October issues of the SURVEY. Estimates at the SIC industry division level beginning with the first quarter of 1969 are available from REIS.

Annual State personal income.—Annual estimates of State personal income are available twice a year; On a preliminary basis in April (4 months after the close of the reference year) and on a revised basis in August. The preliminary estimates of total and per capita personal income, derived from the current quarterly estimates, are published in the April issue of the SURVEY. The revised set of estimates, which is based on more complete data and is therefore more reliable, is presented in greater detail in the August issue of the SURVEY. Published estimates, as well as additional detail and years (beginning with 1929) that are not available in BEA publications, are available from REIS.

Annual State disposable personal income.—Annual estimates of total and per capita disposable personal income for States—a companion series to the annual State estimates of personal income—are published in the April and August issues of the SURVEY. The State disposable personal income series beginning with 1948 is available from REIS.

Annual State personal tax and nontax payments.—These estimates, which are deducted from total personal income to derive disposable personal income, are not available in BEA publications. Tabulations by level of government and type of tax or nontax payment, beginning with 1948, are available from REIS.

Annual county and metropolitan area personal income.—These estimates, which are published in these volumes, are available 16 months after the close of the reference year. Estimates of total wage and salary disbursements and of total wage and salary employment are available earlier, approximately 12 months after the close of the reference year. Estimates of total and per capita personal income are published in the April issue of the SURVEY. Published estimates, as well as additional detail and years (beginning with 1969) that are not available in BEA publications, are available from REIS.

Transfer payments.—The component estimates of transfer payments by State, county, and metropolitan area are not available in BEA publications. Estimates of transfer payments by type of program are available beginning with 1948 for States and with 1969 for counties and metropolitan areas.

Farm income and expenses.—The estimates of the gross receipts and expenses of farms, which underlie the farm proprietors' income estimates in the State and county personal income series, are not available in BEA publications. Estimates of farm gross receipts, expenses, and net income beginning with 1969 are available from REIS.

Full- and part-time employment for States and counties.—These estimates are a companion series to the annual personal income estimates. They are constructed from similar sources using analogous concepts and definitions. Estimates by two-digit SIC industry for States and by SIC industry division for counties and metropolitan areas beginning with 1969 are available from REIS.

BEA User Group

In addition to responding to specific data requests, REIS also makes its regional estimates available through the BEA User Group, members of which include State agencies, universities, and Census Bureau Primary State Data Centers. BEA provides its estimates of income and employment for all States and for the counties of the given State 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 consistent with national totals, thus enhancing the uniformity of analytic approaches taken in economic development programs and improving 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 local area estimates. It highlights the relationships among the national, State, and local area estimates.

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."

Differences between the national and regional estimates.—The definitions underlying the State and local area estimates of personal income are essentially the same as those underlying the personal income estimates in the NIPA's. The major difference is that the national estimates include the labor earnings of residents of the United States temporarily working abroad, whereas the State and local area estimates include only the income of persons residing in the 50 States and the District of Columbia. Specifically, the national personal income estimates include the income 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 U.S. totals before the totals are used as controls for the State estimates.

One classification difference between the national and the State and local area 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 wages and salaries of these workers, along with 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 "rest of the world" is treated as a component of personal income. The border workers are treated as commuters, and their earnings flows are included in the residence adjustment procedure. Another classification difference between the national and and the State and local area 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 estimates, it is limited to farm earnings.

Temporary statistical differences between the national and regional series reflect the estimating schedules for the two series. The regional estimates frequently incorporate source data that were not available when the national estimates were prepared. In such cases, the national estimates are usually revised the following year to reflect the more current 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 and 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 (UI) programs of the Employment and Training Administration (ETA), Department of Labor; the social insurance programs of the Social Security Administration (SSA) and the Health Care Financing Administration (HCFA), Department of Health and Human Services; the Federal tax program of the Internal Revenue Service (IRS), Department of the Treasury; the veterans benefit programs of the Veterans' Administration (VA); 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 accounts for about 90 percent of personal income. Data of lesser quality, scope, and relevance are used for the remaining 10 percent.

When data are delayed and are not available in time to be incorporated into the current estimating cycle, interim estimates are prepared using the previous year's county distribution, extrapolated by a related series if available. The interim estimates are revised during the next estimating cycle to incorporate the delayed data.

Use of data that are not primarily designed for income measurement has several advantages and disadvantages. The estimates of 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 for counties would be large, the cost of annual preparation of the estimates in comprehensive detail would be prohibitively high.

Controls and the allocation procedure.—The preparation of State and local area estimates of personal income is characterized by the systematic use of the allocation procedure. The State estimates are prepared by allocating the U.S. total, or "control," for each income item (estimated for the national personal income series) to the States. In a similar manner, the county estimates are prepared by allocating the State estimates. In some cases, national, State, and county estimates are constructed from the same basic source. For example, wages and salaries reported under the various State UI programs are used at all three levels. In these cases, the allocation is a nominal adjustment for statistical consistency. In other cases, data that are available at the national and State levels are not available at the county level, and allocators prepared from related, but indirect, data are used to reflect the geographic distribution of the income item among the counties. For example, at the national and State levels, direct data are available on payments to veterans under various government programs, but such data are not tabulated at the county level for many of these programs. Where the direct data are not available, county veteran population, an indirect measure, is used to allocate the State total to the counties.

The use of the State estimates as control totals in the allocation procedure imparts more reliability to the county estimates than could be achieved using county data alone; State-level data tend to be more detailed and complete than county-level data. The allocation of State control totals permits, if necessary, the use of a different county allocator for each State without impairing the interstate comparability of the estimates.

Place of measurement.—Personal income, by definition, is a measure of income received; therefore, estimates of State and local area personal income reflect the place of residence of the income recipients. The data underlying the estimates can be viewed as falling in three groups according to place of measurement. (1) The bulk of the data used for the estimates of wages and salaries, other labor income, and personal contributions for social insurance is reported by industry in the State and county in which the employing establishment is located. The estimates based on these data are subsequently adjusted to a place-of-residence basis for inclusion in the personal income measure. Military reserve pay and personal contributions for supplementary medical insurance and for veterans life insurance are estimated initially by place of residence and, therefore, do not need to be residence adjusted. (2) For nonfarm proprietors'

income and for personal contributions for social insurance by the self-employed, the data are reported by tax-filing address. The place of business of the proprietorship is assumed to be the same as the place of residence of the proprietor. (3) Rental income of persons, personal dividend income, personal interest income, and transfer payments are estimated from data that are reported where the income is received.

For some purposes, it might be appropriate to convert some of the place-of-residence components to a where-earned basis. For such purposes, "dividends, interest, and rent" could be added to labor income (on a where-earned basis) and proprietors' income to provide a rough approximation of income originating from current production. Because, by definition, transfer payments are not related to rendering current productive services, a where-earned basis would not be meaningful.

SOURCES AND METHODS FOR THE 1981–86 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. All disbursements in the current period are covered. Retroactive wages are counted when paid rather than when earned.[1]

In the private sector, the wage and salary component covers employees of all private nonfarm business establishments, private households, nonprofit organizations, and farms. In the government sector, it covers employees of all local, State, and Federal governments (both civilian and military), including government enterprises. It also covers U.S. residents who are employed by international organizations and by foreign embassies and consulates located in the United States.

The contributions made by employees under the various social insurance programs, although counted in wage and salary disbursements, are not part of the personal income total. They are excluded by means of the deduction made for personal contributions for social insurance.

Estimates of wage and salary disbursements (which account for almost 60 percent of total personal income at the national level) are more complete and reliable than those of any other type of income except for transfer payments. Because of their sizable weight in the total income flows, they impart a large measure of reliability to the estimates of aggregate income.

"Covered" wages and salaries

The bulk of the county data used to estimate wage and salary disbursements is obtained from the ES–202 tabulations of the administrative records of each State UI program prepared for BLS by the State employment security agencies (ESA's).[2] Under the UI program, every "covered" private firm or government agency is required to file quarterly contribution reports with the State ESA having jurisdiction. These quarterly ES–202 reports include the wages and salaries (including the value of meals and lodging furnished to employees without charge) disbursed by each employer for the reporting quarter as well as the number of full- and part-time workers employed in each of the 3 months of the quarter.[3] Firms and agencies 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, under some circumstances, an employer may group very small establishments in a single "statewide" report without county designation.

BEA obtains four-digit SIC tabulations of quarterly wages and monthly employment from BLS; these data, after editing and correcting, form the basis for approximately 96 percent of private wages and salaries and 93 percent of civilian government wages and salaries. (There are no ES–202 data for the military.) The ES–202 industry data have to be supplemented and modified in several ways to derive a complete measure of wages and salaries in covered industries for the county personal income estimates. A description of these adjustments is provided in the following sections.

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 each of five civilian government components (Federal, State education, State noneducation, local education, and local noneducation).

Adjustment for industry nonclassification.—The ES–202 tabulations regularly show minor amounts of payroll that have not been assigned to an industry. Because the industrial classification scheme followed in the national, State, and county income estimates does not permit a nonclassified category, it was necessary to adopt the convention of allocating the nonclassified payrolls among the industry groups in proportion to industry-reported payrolls. This particular adjustment of the reported ES–202 industry data is usually quite small—about 0.2 percent on a national basis. Furthermore, no error is introduced into the aggregate State and county wage estimates, because the adjustment involves only an apportionment by industry of amounts reported for particular States and counties.

Adjustments for student employees.—Students employed by the institutions of higher education in which they are enrolled are generally not covered by UI. The State estimates of the wages of the noncovered student employees of private, State government, and local government institutions are based on the differences between the relevant ES–202 employment data and alternative employment data that include student employees. The alternative data are reported annually by the Census Bureau in *County Business Patterns* (*CBP*) for the private component and in unpublished tabulations of public employment data for the two government components. The State-level methodology cannot be replicated at the county level; county data are frequently suppressed (to prevent disclosures) at the necessary level of industrial detail in *CBP* and are not available in the public employment tabulations. Accordingly, the State estimates for each of the three components, inclusive of the estimates of student employee wages, are allocated to counties in proportion to the distribution of ES–202 wages for each component.

Adjustments to civilian 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 (DOD) are allocated to counties by OPM employment data. In Tennessee, the ES–202 data are the basis for the county estimates of 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 segments of UI-covered private industries.—The noncovered segments for which BEA presently makes adjustments include tips (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 and railroad carrier affiliates, and the salaries of corporate officers in Washington State. Except for tips, these segments are exempted from UI coverage. Tips are

1. While the timing of wages when paid is a clear conceptual feature of personal income measurement, the difference between wages earned and wages paid has been negligible in recent years.

2. ES–202 is the Federal report that summarizes the data from the quarterly contribution reports filed by employers under the various State UI programs. However, it is commonly used to refer to the program of compiling the wage and employment data.

3. State UI laws require employers to estimate (if applicable) the cash value of meals and lodging provided employees without charge as part payment for services performed. The estimated cash value is to be included with cash pay when reporting payrolls. (Employers are not required to distinguish between the two types of pay in their reports.) It is doubtful, however, that many employers comply with this requirement of including pay-in-kind.

covered by the various UI laws. BEA assumes that this form of income payment is subject to considerable underreporting and therefore makes estimates of additional tips in industries where tipping is most customary.

Table A.—Relative Importance to Total Personal Income of Wage and Salary Disbursements, by Component, United States, 1986

	Millions of dollars	Percent of total personal income
Total personal income[1]	**3,528,589**	**100.00**
Wage and salary disbursements[2]	**2,085,171**	**59.09**
Farm	8,243	.23
Agricultural services, forestry, fisheries, and other[3]	9,391	.27
Mining	25,296	.72
Construction	110,295	3.13
Manufacturing	473,149	13.41
Nondurable goods	173,330	4.91
Food and kindred products	34,755	.98
Textile mill products	12,011	.34
Apparel and other textile products	14,484	.41
Paper and allied products	19,122	.54
Printing and publishing	32,678	.93
Chemicals and allied products	33,109	.94
Petroleum and coal products	6,253	.18
Tobacco manufactures	1,759	.05
Rubber and miscellaneous plastics products	17,014	.48
Leather and leather products	2,145	.06
Durable goods	299,819	8.50
Lumber and wood products	13,158	.37
Furniture and fixtures	8,799	.25
Primary metal industries	21,631	.61
Fabricated metal products	34,532	.98
Machinery, except electrical	57,385	1.63
Electric and electronic equipment	56,587	1.60
Transportation equipment excluding motor vehicles	36,845	1.04
Motor vehicles and equipment	29,874	.85
Stone, clay, and glass products	14,321	.41
Instruments and related products	19,530	.55
Miscellaneous manufacturing industries	7,157	.20
Transportation and public utilities	143,881	4.08
Railroad transportation	11,651	.33
Trucking and warehousing	30,834	.87
Water transportation	4,883	.14
Other transportation[4]	27,739	.79
Communication	39,022	1.11
Electric, gas, and sanitary services	29,752	.84
Wholesale trade	144,757	4.10
Retail trade	210,409	5.96
Finance, insurance, and real estate	156,954	4.45
Services	417,961	11.84
Hotels and other lodging places	18,154	.51
Personal services	13,538	.38
Private households	9,173	.26
Business services	88,932	2.52
Auto repair, services, and garages	13,157	.37
Miscellaneous repair services	6,458	.18
Amusement and recreation services	11,817	.33
Motion pictures	5,148	.15
Health services	130,628	3.70
Legal services	24,892	.71
Educational services	21,627	.61
Social services	15,152	.43
Museums, botanical,and zoological gardens	659	.02
Membership organizations	20,662	.59
Miscellaneous services	37,964	1.08
Government and government enterprises	384,835	10.91
Federal civilian	80,443	2.28
Military	40,628	1.15
State and local	263,764	7.48

Detail may not add to totals due to rounding.

1. Includes adjustment 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.

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

"Noncovered" wages and salaries

In addition to the small segments of UI-covered industries that are outside the scope of the State UI programs, a group of industries and major segments is referred to as "noncovered." In the private sector, farms, farm labor contractors, railroads, elementary and secondary schools with religious affiliation, religious membership organizations, private households, and "other" are treated as noncovered in making the county estimates of wages and salaries.[4] In the public sector, the military is noncovered. A description of the procedures used in making the county estimates of wages and salaries in the noncovered industries is provided in the following sections.

Farms.—BEA estimates of farm wages and salaries include cash pay and pay-in-kind of hired farm labor and salaries of officers of corporate farms. They do not include pay of contract farm labor, which is classified as part of agricultural services. County estimates of cash wages of hired farm labor are made by allocating State totals, estimated by the U.S. Department of Agriculture (USDA) and adjusted to the BEA definition, by county distributions from the 1978 and 1982 Censuses 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 pay-in-kind of hired farm labor are based on the number of workers on farms who worked 150 days or more in a year, as reported in the censuses of agriculture. The estimates of the salaries of corporate officers are based on the amounts reported in the censuses of agriculture.

Farm labor contractors.—Contract farm labor (as distinct from hired farm labor) is classified as an agricultural service. Because most State UI programs do not cover, or only partially cover, this group of workers, BEA makes an independent estimate of wages of contract farm laborers 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 1978 and 1982 Censuses of Agriculture. Different procedures are used for Arizona, California, and Florida because of complete or near-complete UI coverage of contract farm labor 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 are not available from the Railroad Retirement Board for making county estimates of wages. 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 area 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 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 1980 census JTW data.

4. "Other" is the designation for "rest of the world" in the component classification used in the State and local area estimates. Although it reflects wages paid to U.S. residents by international organizations and by foreign embassies and consulates located in the United States, by convention it has been included with private nonfarm industries rather than with government.

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

Elementary and secondary schools with religious affiliation.—In many States, this segment 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 a basis for the 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, employment data from the U.S. Department of Education's 1980–81 survey of private elementary and secondary schools, or relevant wage data from *CBP*.

Religious membership organizations.—UI coverage of this segment is inadequate, and alternative data at the county level are not available. Therefore, the State totals for the segment are allocated to counties in proportion to the distribution of 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. The estimates of pay-in-kind are based on place-of-work employment data from the same source. This methodology is the same as used to prepare the State estimates.

"Other".—This term, as it appears in the industry detail of the State and local area income tables, refers to U.S. residents employed by international organizations and by foreign embassies and consulates located in the United States. It differs from "rest of the world" (the industry designation appearing in the national tables) in that "rest of the world" also includes 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, border workers are reflected through the residence adjustment process.

The State and local area estimates of "other" are made by allocating the appropriate national total by an estimated geographic distribution of administrative expenditures of international and foreign organizations operating in the United States. This distribution was prepared for 1968 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.

Military.—This category includes the cash pay and pay-in-kind 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 DOD, and a 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. In most cases where a military installation extends across county boundaries, the entire payroll is assigned to the county that contains the headquarters.

Pay-in-kind measures the value of the meals and clothing received by enlisted personnel.[6] 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 DOD, or by the Coast Guard personnel distribution.

Little information, direct or indirect, is available for estimating military reserve pay below the State level. State estimates of military reserve pay, inclusive of supplies and equipment received (pay-in-kind), 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 resident population within each State.

Pay-in-kind

The wage and salary estimates for selected industries include the value of meals, clothing, and lodging received in kind that represents income to the employee (pay-in-kind), valued at the cost to the employer. Market value to the employee would be a preferable concept for some purposes, although it is more elusive and less subject to quantitative determination.

6. 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.

In the national economic accounts, the imputation of wages is depicted as though the pay-in-kind had taken the form of cash flows. For example, it is assumed that the employer, instead of furnishing employees with free meals, pays them corresponding amounts of cash wages and that the employees, in turn, use these wages to buy items previously purchased by the employer. Employees' wages and business sales to consumers (recorded in personal consumption expenditures) are raised by equivalent amounts. Omission of the imputation would understate the measures of personal income, personal consumption expenditures, and total output. It would also understate the real earnings of employees receiving meals relative to the earnings of those paid wholly on a cash basis.

The estimation of the imputation is rather imprecise and involves a number of difficult decisions that can be made only in a pragmatic fashion. For instance, the imputation is confined to meals, clothing, and lodging because other perquisites, such as medical and recreational services, have generally been less important and cannot be estimated satisfactorily from available data.

Pay-in-kind is relatively important in the military, farming, and private households; therefore, the description of how it is estimated is discussed in the relevant preceding sections.

Among fully covered industries, payment in the form of meals and lodging is still customary to some extent in eating and drinking places, hotels, and water transportation. Separate distributions of payments in cash and in kind for these industries are not available for States or counties. Although the value of meals and lodging received in kind is included in the payroll totals tabulated from the UI administrative records (to the extent that employers comply with the reporting requirements), it is not reported separately.

Among industries lacking complete UI coverage (in addition to farms, military, and private households), separate estimates of pay-in-kind are made by BEA for private hospitals, membership organizations, and private educational services. For private hospitals, the estimate reflects the pay-in-kind received by student nurses and interns and by members of religious orders working in hospitals but excluded from UI coverage. 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 affiliation and for religious membership organizations, the estimates reflect pay-in-kind received by 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, which are published annually in the *Official Catholic Directory* (for private education: full-time teaching priests, teaching brothers, teaching sisters, etc.; for membership organizations: resident pastors, diocesan priests, etc.). At the county level, however, the estimates are based on the distribution of employment (for elementary and secondary schools) or civilian population (for religious membership organizations), in the absence of more appropriate data.

Other Labor Income

Other labor income (OLI) consists primarily of employer contributions to private pension and private welfare funds, including privately administered workers' compensation funds. Other items included are directors' fees, compensation to prison inmates, and judicial fees.

Employer contributions to private pension and welfare funds, excluding workers' compensation funds.—These are payments made by employers on behalf of their employees to private funds for the provision of pensions, group health insurance, group life insurance, and supplemental unemployment insurance. For the private sector, no direct data for these contributions are available below the national level. The BEA national estimates for each two-digit SIC industry are allocated to States and counties in proportion to wages and salaries for the industry. This procedure incorporates the wide variation of contribution rates, relative to wages, among industries and therefore reflects appropriately the various mixes of industries among the States and counties. It does not reflect variations of contribution rates among States and counties for a given industry.

State governments make contributions to private pension funds only for education employees. Direct data are available for States (from the Teachers Insurance and Annuity Association/College Retirement Equities Fund), but not for counties. 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 funds 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 State and county estimates of government contributions to private welfare funds on behalf of government employees are prepared by allocating the national estimate in proportion to ES-202 employment, separately for Federal, State, and local government.

Table B.—Relative Importance to Total Personal Income of Other Labor Income, by Component, United States, 1986

	Millions of dollars	Percent of total personal income
Total personal income	**3,528,589**	**100.00**
Other labor income	**200,966**	**5.70**
Employer contributions to private pension funds and private welfare funds	197,395	5.59
Private pension funds, group life insurance, group health insurance, and supplemental unemployment insurance	176,149	4.99
Privately administered workers' compensation	21,246	.60
All other[1]	3,571	.10

Detail may not add to totals due to rounding.

1. Consists of directors' fees, compensation of prisoners, and judicial fees.

Employer contributions to privately administered workers' compensation funds.—The task of estimating is more complex for this component than for contributions to private pension funds and other private welfare funds because premiums for compensation insurance are largely governed by an occupational risk factor. Variations among industries are related primarily to the proportion of hazardous occupations within each industry rather than to the level of wages or employment. 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 SSA (for benefits paid by self-insured employers). The National Income and Wealth Division, BEA, prepares national estimates of 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.[7] 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.[8]

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.

Directors' fees.—Approximately three-fourths of all directors' fees occur in finance, insurance, and real estate. The State and county estimates are prepared by allocating the national estimates in proportion to wages and salaries for each two-digit SIC industry.

All other OLI.—State and county estimates for the remaining items of OLI (compensation to prison inmates and judicial fees) are prepared by allocating the national estimates in proportion to civilian population.

7. 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 one set of control totals is designated as fixed and governs the final distribution. In this case, the national industry totals are fixed.

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

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 in included. Dividends and monetary interest received by proprietors of nonfinancial business and rental incomes received by persons 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.

Table C.—Relative Importance to Total Personal Income of Proprietors' Income, by Component, United States, 1986

	Millions of dollars	Percent of total personal income
Total personal income	**3,528,589**	**100.00**
Proprietors' income[1]	**287,483**	**8.15**
Farm	34,913	.99
Nonfarm	252,570	7.16
Agricultural services, forestry, and fisheries	3,433	.10
Mining	7,673	.22
Construction	42,333	1.20
Manufacturing	4,626	.13
Transportation and public utilities	11,879	.34
Wholesale and retail trade	36,661	1.04
Finance, insurance, and real estate	9,246	.26
Services	136,719	3.87
Business services	62,289	1.77
Professional and social services	74,430	2.11

Detail may not add to totals due to rounding.

1. Shown with the inventory valuation and capital consumption adjustments.

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 replacement cost. In periods of changing prices, this practice results in capital 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 gain, 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.[9] 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 NIPA accounting.

The estimates of both farm and nonfarm proprietors' income include an adjustment for gains from loans defaults. A business loan default, as distinguished from the business losses that may have led to it, has no effect on national income as a whole. However, it is counted as a loss to the creditor and must therefore be offset by a gain attributed to the defaulting borrower.

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

Nonfarm proprietors' income

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 are 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, the defaulters' gain adjustment, and an adjustment for income not reported on tax returns. The last, known as the "underground economy" adjustment, accounts for about one-half of total nonfarm proprietors' income in recent years. In the State and county methodologies, the underground economy adjustment is treated separately for some industries, but 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 the August 1986 SURVEY) 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 that they are unreliable. The gross receipts data for manufacturing industries also proved to be too volatile for reliability at the county level.

The 1981–83 State estimates for each of 14 nonmanufacturing industries (out of a total if 64 two-digit SIC industries), together accounting for more than 80 percent of total nonfarm proprietors' income, were allocated in two pieces. The State estimates exclusive of the underground economy adjustment were allocated to counties in proportion to the distribution of NPLL.[10] NPLL is not an appropriate basis for the regional distribution of the underground economy adjustment because NPLL is reduced by the tax evasion that, in large part, the adjustments reflect. Instead, gross receipts, a measure of the general level of activity of proprietors by industry and county, was used for the allocation of the adjustment. The State estimates of all of nonfarm proprietors' income in each of an additional 26 nonmanufacturing industries, together accounting 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 by the relative change in the number of small firms by industry, as reported in *CBP*. The 1985–86 estimates are given the same county distributions as the 1984 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 the 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 used to prepare the State estimates for these three industries. Collectively, the estimates of these industries, which account for only 2.2 percent of nonfarm proprietors' income for the Nation in 1986, have little effect on county total nonfarm proprietors' income. However, the State and county distribution imparted to these industries—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, 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 in turn 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 REIS.

The concepts underlying the BEA estimates of farm income are generally the same as those underlying the 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, consistent with BEA's estimates for other industries. The defaulters' gain adjustment (discussed in the prefatory statement of the proprietors' income section) is treated as an explicit deduction from production expenses (i.e., an offset to interest expense) in the BEA regional farm income estimates.

BEA 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 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 the estimates to noncensus years. In addition, data from other sources within the 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).

Although a substantial amount of farm data is reported to the IRS, it is of limited use for local area income estimation primarily because the size of the IRS sample is inadequate. Several other serious obstacles limit the use of the IRS farm data. The diversity of accounting methods that underlie the tax reports

10. 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 six service industries (personal, business, auto repair, health, legal, and miscellaneous).

filed by proprietors of small farms makes it difficult to calculate net income on any uniform basis. Furthermore, the tax concepts of income and deductions are not comparable with the national economic accounting concepts. Finally, the IRS tabulations do not adequately cover the income of many farmers in the lower income brackets.

The census year estimates of farm proprietors' income are prepared from data collected in the censuses of agriculture and from the USDA State totals of income and expense items. County distributions of 46 components of gross income and inventory change and of 12 categories of production expenses are used to allocate the corresponding State series.

Gross income and inventory change include the following separately estimated 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.[11]

Cash receipts from marketing is the most important component of gross farm 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.[12] 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 agricultures. The aggregates for the census years are then allocated by the related census county distributions. Estimates for intercensal years are either based on supplemental county estimates of annual production of selected field crops and 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 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 as of January 1, these data are incorporated into allocating series to distribute the State estimates of the change in livestock inventories. In the States where the 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 for a number of items are estimated by county using direct allocators from the censuses of agriculture.[13] 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 three 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.

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 agriculture.

By definition, farm proprietors' income includes only the net farm income accruing to proprietorships and partnerships. The foregoing procedure produces a measure of total net farm income; 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 the county estimates, when summed to State totals, equal the related independently derived State estimates.

Dividends, Interest, and Rent

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.

Table D.—Relative Importance to Total Personal Income of Personal Dividend Income, Personal Interest Income, and Rental Income of Persons, by Component, United States, 1986

	Millions of dollars	Percent of total personal income
Total personal income	**3,528,589**	**100.00**
Personal dividend income, personal interest income, and rental income of persons	**595,579**	**16.88**
Personal dividend income	81,214	2.30
Personal interest income	497,617	14.10
Monetary	313,718	8.89
Imputed	183,899	5.21
Rental income of persons[1]	16,748	.47
Monetary	32,588	.92
Imputed	−15,840	−.45

Detail may not add to totals due to rounding.
1. Shown with the capital consumption adjustment.

Rental income of persons (with CCAdj) is the monetary income of persons (except those primarily engaged in the real estate business) from the rental of real property (including mobile homes); 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. The CCAdj is discussed in the prefatory statement of the proprietors' income section.

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

12. 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.

13. 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 customwork; animal health costs; and all other expenses (mainly "overhead" items such as taxes, mortgage interest less defaulters' gain, electricity, telephone, and depreciation).

Dividends and interest

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.[14] The estimates of interest paid by money market mutual funds, reported to IRS as dividends, are based on the IMF dividends distribution. For the selected years through 1985 for which IMF tabulations are available, the estimates of interest and dividends are based directly on them; for the intervening years, the estimates are prepared by straight-line interpolation between the IMF benchmarks. Estimates for the years following the latest IMF benchmark are based on the geographic distribution of that benchmark. 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 the August 1986 SURVEY, 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.

Rent

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 IRS, but these data are subject to large sampling error for the smaller States and the sum of the States 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 are allocated to States and counties in proportion to gross rent reported in the IMF county tabulations. The State and county estimates for the years between the IMF benchmarks are prepared by straight-line interpolation. The estimates for the years following the latest IMF benchmark are based on the State and county distribution from that benchmark.

Royalties.—The State estimates of royalties are based on the State distribution of royalties reported in the IRS publication 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 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.—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 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 reflects data for census regions from the biennial American Housing Survey, available most recently for 1985.

14. 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.

The State and county estimates of imputed rent reflect adjustments for the following natural disasters and other unique circumstances: (1) Hurricane damage in 19 States in 1985, (2) hurricane damage in Texas in 1983, (3) flood damage in Arkansas, Hawaii, Illinois, Louisiana, and Missouri in 1982, and (4) Proposition 13 in California in 1978–82.

Transfer Payments

Transfer payments are income 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 like transfer payments to foreigners and entered in the national accounts as a personal outlay.)

Table E.—Relative Importance to Total Personal Income of Transfer Payments, United States, 1986

	Millions of dollars	Percent of total personal income
Total personal income	**3,528,589**	**100.00**
Transfer payments	**518,848**	**14.70**
Government payments to individuals	486,853	13.80
Retirement and disability insurance benefit payments	279,062	7.91
Old-age, survivors, and disability insurance payments	193,622	5.49
Railroad retirement and disability payments	6,351	.18
Federal civilian employee retirement payments	24,356	.69
Military retirement payments	17,879	.51
State and local government employee retirement payments	28,808	.82
Workers' compensation payments (Federal and State)	5,164	.15
Other government disability insurance payments [1]	2,882	.08
Medical payments[2]	123,586	3.50
Income maintenance benefit payments	45,154	1.28
Supplemental security income (SSI) payments	12,078	.34
Aid to families with dependent children	16,246	.46
Food stamps	10,578	.30
Other income maintenance[3]	6,252	.18
Unemployment benefit payments	16,634	.47
State unemployment insurance compensation	15,961	.45
Unemployment compensation for Federal civilian employees	193	.01
Unemployment compensation for railroad employees	185	.01
Unemployment compensation for veterans	142	0
Other unemployment compensation[4]	153	0
Veterans benefit payments	16,617	.47
Veterans pensions and compensation	14,030	.40
Educational assistance to veterans, dependents, and survivors[5]	852	.02
Veterans life insurance benefit payments	1,698	.05
Other assistance to veterans[6]	37	0
Federal education and training assistance payments (other than for veterans)[7]	5,226	.15
Other government payments to individuals[8]	574	.02
Payments to nonprofit institutions	14,810	.42
Federal Government payments	3,572	.10
State and local government payments[9]	6,182	.18
Business payments	5,056	.14
Business payments to individuals[10]	17,185	.49

Detail may not add to totals due to rounding.

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, foster home care payments, earned income tax credits, and energy assistance.
4. Consists of trade adjustment allowances payments and public service jobless 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 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, Alaska Permanent Fund dividend payments, and 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 government payments to nonprofit institutions.
10. Includes liability payments for personal injury, corporate gifts to nonprofit institutions, and consumer bad debts—i.e., defaults by consumers on debts owed to business.

Currently, transfer payments account for almost 15 percent of TPI. This component of the State and county personal income series reflects the sum of more than 50 separately estimated items. Tables showing State and county estimates of transfer payments by major program (see Appendix B of volume 1) are available from REIS. Approximately 75 percent of total transfer payments is estimated on the basis of payments data. The remainder, for the most part, is estimated on the basis of indirect indicators. Some of these indicators are drawn from the 1980 Census of Population.

This section is arranged to follow the order in table E. It explains briefly each separately 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 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 as of 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 or by special contributory and noncontributory retirement systems (e.g., for the foreign service, Federal Reserve Board, and Tennessee Valley Authority). The national estimate for all systems combined is allocated to States and counties in proportion to one month's payments data provided each year by OPM. The data used for the county allocation are ZIP code tabulations, which are summed to counties by BEA.

Military retirement payments.—This component reflects the payments received by retired military personnel, including Coast Guard retirees, and by those receiving fleet reserve pay. Fleet reserve pay and military retirement pay are combined and estimated as one series at both the State and county levels. The national estimate is allocated to States and counties in proportion to one month's payment data provided each year by DOD. The data used for the county allocation are ZIP code tabulations, 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 represent a larger share of TPI than do the retirement payments to former Federal civilian employees and their survivors. In the absence of payments data, 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. Second injury funds have been established by legislation in the various States to encourage employment of handicapped workers. The employer is assured responsibility only for disability that a worker incurs from present employment. The difference between the payment due for the full degree of impairment (reflecting the combined effects of injury sustained from previous employment and injury from present employment) and the amount due for the injury received in the course of present employment is paid out of the second injury fund.

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 civilian population.

Black lung payments are the monthly cash payments (authorized by the Federal Mine Safety and Health Act of 1969) paid to coal miners who are totally disabled by black lung disease. Payments are also made to eligible dependents and survivors of miners whose deaths were caused by the disease. The county estimates for all States are based on annual SSA county tabulations of benefit payments for the month of 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 (HI) and supplementary medical insurance (SMI) provisions of medicare are based on the dollar amounts paid as reimbursement for hospital and medical expenses, as reported by HCFA. Because these data lag, the 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 estimates are based on payments data, where available, 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 at nonmilitary facilities of dependents of active duty military personnel and retired military personnel and their dependents. 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 includes 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 made from unpublished SSA State tabulations of annual disbursements for the three categories of SSI benefits: Federal

basic benefits, Federal hold-harmless benefits, and State supplementation.[15] At the county level, the three categories are combined, and the estimates are based on payments data reported by 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. Estimates for all years 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 local authorities' interpretation of Federal regulations; USDA pays 100 percent of the cost of the stamps and 50 percent of administrative expense. The estimates are based on USDA 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 needy 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. Estimates for all years are prepared from payments data available from the various State departments of social services.

Emergency assistance is a program extending assistance to families with at least one child 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 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 home 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 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 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 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 and other necessary home fuel consumption. The energy assistance programs are federally funded, but 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 benefit payments:

State unemployment insurance compensation.—These are the cash benefits, including special benefits authorized by Federal legislation for periods of high unemployment, from State-administered UI programs. (The State-administered Federal unemployment compensation programs for Federal civilian employees, veterans, and public service workers are treated separately because local area payments data for these programs are either reported separately by the State ESA's or are not available.) The provisions governing eligibility, timing, and amount of benefit payments vary among the States. No central standards for benefits were 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. While 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 district office in proportion to the average number of unemployed persons during the current year, as estimated by 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 a BLS report on the number of persons unemployed during the year.

Unemployment compensation for 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. ESA's in all States supply State data on unemployment compensation paid to Federal employees, and ESA's in about one-half of the States now supply either county or local 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 for railroad employees.—The railroad UI program is administered by the Railroad Retirement Board. Benefits are paid under a Federal formula applicable throughout the Nation to railroad workers unemployed due to sickness or lack of available work. The county estimates are made by allocating the State totals in proportion to the county distribution of railroad wages and salaries.

Unemployment compensation for 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 this information, the State estimates are allocated to counties in proportion to total veteran population.[16]

Other unemployment compensation.—This category includes trade adjustment allowances and public service jobless benefits payments.

Trade adjustment allowances are payments to workers who have become unemployed because of the adverse effects of increased imports. 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. Tabulations are residence adjusted by BEA to approximate a geographic distribution based on place of receipt.

Public service jobless benefits are unemployment benefits paid to persons ineligible under any other Federal or State unemployment compensation program because of their prior employment under federally sponsored public service employment programs. The State ESA's make the payments and are reimbursed by the Federal Government. The amount of benefits paid are available from ETA for States, but not for counties. The county estimates are made by allocating the State amounts to the counties in proportion to the distribution of the benefit payments under the State UI program.

15. Several safeguards for individuals were built into the system, including (1) a requirement that a State provide a supplementary payment to any individual who had a December 1973 payment higher than the amount he would have received under the basic Federal SSI program; and (2) a State option to provide benefits above the Federal basic SSI payments. Both State supplementation payments may be either federally or State administered. States accepting Federal administration are protected by a hold-harmless provision, which minimizes the financial burden of the supplementation payments. In general, the amount to be paid by the State is limited to the State's non-Federal share of selected public assistance expenditures in calendar year 1972 (with some adjustments); the difference is paid by the Federal Government.

16. The Veterans' Administration 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.

Veterans benefit payments:

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

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 VA payments data, in proportion to the distribution of veterans of the post-Korean war period, as reported by the VA.

In the absence of any direct or reliable indirect information at the county level, the State totals of educational assistance to spouses and children of disabled and deceased veterans, which are based on VA payments data, are allocated to counties in proportion to 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 VA. County estimates of the combined payments of death benefits and dividends are based on the annual county distribution of total veteran population.

Other assistance to veterans.—County estimates of VA payments to paraplegics and payments to disabled veterans for automobiles and other conveyances are based on the distribution of veteran population. Payments made by State and local governments to veterans, in the forms of assistance to indigent veterans and of bonuses, 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 component reflects only the subsistence portion of fellowships, which is paid directly to the individual. A much larger portion is given by the Federal Government directly to the schools. The latter is classified either as transfer payments to nonprofit institutions or as government grants-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 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 civilian population.

Interest payments on guaranteed student loans.—These are the payments made by the Federal Government to commercial lending institutions on behalf of individuals who receive low-interest deferred-payment loans from these institutions for payment of 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 reflect the distribution of civilian population.

Higher education student assistance.—These Federal payments, called Pell grants, provide support for the education and training 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 enrolled in designated vocational and educational training programs. Also included are adjustment allowances issued to trainees upon the successful completion of their training. The State estimates are based on ETA calendar year tabulations of the amount of allowances and allotments disbursed to Job Corps enrollees. The county estimates reflect the distribution of civilian population.

Other government payments to individuals:

Alaska Native Claims Settlement Act payments.—The act provides for "the fair and just settlement of all claims by Natives and Native groups in Alaska based on aboriginal land claims." Settlement was made through the granting of landrights to groups of Natives and through money payments to resident and nonresident Natives.

The benefits included in transfer payments were the cash payments disbursed to individuals from 1973 through 1981. The Alaska State totals were distributed among the boroughs and census areas on the basis of the Alaska Native population reported in the 1970 Census of Population. Estimates of the total amount distributed to eligible Natives not residing in Alaska are based on information provided by the Seattle Office of the Thirteenth Regional Corporation.[17] This aggregate was distributed among the other 49 States and the District of Columbia by the number of persons enrolled under the act, by State of residence, as of March 1979. Because of the lack of sub-State information about the location of residence of these individuals, the county estimates were made by allocating the State totals to the 10 most populous counties within each State in proportion to civilian population.

Compensation of survivors of public safety officers.—These are benefits from a Federal program that compensates survivors of State and local government employees, such as police officers and firefighters, 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 payments derive from 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 the behalf of crime victims, as reported by the State agencies administering the programs. The county estimates are based on the distribution of civilian population.

Alaska Permanent Fund dividend 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 civilian population.

Other miscellaneous assistance payments.—These include benefits 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 or reliable indirect data, estimates are made in proportion to total civilian population and Indian population distributions, respectively.

17. The Alaska Native Claims Settlement Act established regional corporations through which benefit payments were to be disbursed to eligible individuals. The Thirteenth Regional Corporation services Alaska Natives residing outside Alaska.

Payments to nonprofit institutions

These are payments, other than for work under research and development contracts, made by Federal, State, and local governments, as well as payments by business (corporate gifts to nonprofit institutions). 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 civilian population.

Business payments to individuals

In addition to corporate gifts to nonprofit institutions, business transfer payments include liability payments for personal injury made by business to individuals other than employees, consumer bad debts (that is, defaults by consumers on debts owed to business), cash prizes, and unrecovered thefts from business of cash and capital assets.

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, as a whole, is negligible.

The State and county estimates of business transfer payments to individuals, except for consumer bad debts, are based on the geographic distribution of civilian population. State estimates of consumer bad debts are made for retail trade, selected services, commercial banks, and all other. 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 geographic distribution of retail sales reported in the 1982 Census of Retail Trade.

Personal Contributions for Social Insurance

Contributions made by individuals under the various social insurance programs 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 paid by the employee but, under special arrangement, paid 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 OASDI, HI, State UI, railroad retirement insurance, temporary disability insurance, and public employee (Federal, State, and local) retirement systems. Contributions by the self-employed are included in OASDI and HI. Also included in personal contributions are premium payments for 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 OLI (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 in a manner similar to individual income taxes, as applied to wages and salaries, in that both the income taxes and the contributions are withheld at the source of disbursement under the laws of the Federal Government and of some State and local governments. However, such taxes, unlike contributions, are counted as part of personal income—as though they were first received by the employee and then paid to the government. This treatment of taxes is in line 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.

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, allocated by HCFA tabulations of the number of persons enrolled in the program; contributions for veterans life insurance, allocated by veterans population; and contributions made to State UI and temporary disability programs applicable in only a few States, allocated by civilian population.

Table F.—Relative Importance to Total Personal Income of Personal Contributions for Social Insurance, by Component, United States, 1986*

	Millions of dollars	Percent of total personal income
Total personal income[1]	**3,528,589**	**100.00**
Less: Personal contributions for social insurance	**158,932**	**4.50**
Contributions to old-age, survivors, disability, and hospital insurance	134,977	3.83
Employee contributions	123,190	3.49
Self-employed contributions	11,787	.33
Supplementary medical insurance contributions	5,687	.16
Federal civilian employee retirement contributions	4,596	.13
Railroad employee retirement contributions	1,098	.03
State and local government employee retirement contributions	10,152	.29
Veterans life insurance contributions	808	.02
State unemployment insurance and temporary disability contributions	1,614	.05

Detail may not add to totals due to rounding.

*Although personal contributions for social insurance are deducted in the derivation of personal income, the dollar amounts and the percentages in this table are shown as absolute values to give an indication of the size of the personal contributions components.

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.

Residence Adjustment

Personal income is a "place-of-residence" measure of income. At the national level, place of residence is an issue only in the case of border workers (mainly those living in the United States and working in Canada or Mexico and vice versa).[18] At the State and county levels, the issue of place of residence is more significant.[19] Persons commuting between States are a major factor where metropolitan areas extend across State boundaries—for example, in Washington, DC–Maryland–Virginia and New York–New Jersey–Connecticut. 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 the location 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.[20] 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 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.

18. As described 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.

19. The meaning of "resident" in the context of measuring personal income refers not only to individuals but also to quasi-individuals. For the purpose of the State and local 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.

20. Exceptions to this rule are out-of-State workers in Alaska and selected groups of border workers.

The remaining three major components—wages and salaries, 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 SMI, and contributions by the self-employed for OASDI and HI.) Accordingly, adjustments are made to convert the place-of-work components to a place-of-residence basis. The sum of these components is referred to as "income subject to adjustment" (ISA).

The residence adjustment estimates for 1981 and later years are founded on those for 1980. The initial 1980 estimates were derived as the total inflows of commuters' earnings minus the total outflows. Each gross flow of earnings from a county of work to a county of residence was derived as the product of 1980 ISA in the county of work multiplied by a residence adjustment factor. The residence adjustment factors were derived from the 1980 Census of Population JTW data on the number of workers and their 1979 average earnings by industry in each intercounty commuting flow. Each adjustment factor was calculated as the wages of the given group of intercounty commuters divided by the wages of all persons in the same industry classification employed in the same county of work.[21]

The initial 1980 estimates for clusters of counties identified as being closely related by commuting (mostly multicounty metropolitan areas) were modified to incorporate the 1979 wage and salary distribution from the 1980 Census of Population.[22] This modification was made to preclude residence adjustment errors in the numerous cases where the census commuting data and the source data for the BEA wage estimates are inconsistently coded by place of work (for example, when the ES-202 data attribute too much of the wages of a multiestablishment firm to the county of the center city or when a military base extending across a county boundary is attributed to different counties in the DOD payroll and the census commuting data). The initial 1980 BEA place-of-residence wage and salary estimates were summed to a total for each cluster. The BEA cluster totals were than redistributed among their constituent counties in the same proportion as their reported 1979 census wages and salaries. Modifications were also made for selected noncluster counties when large, offsetting differences between the initial 1980 BEA estimates and the census data occurred in adjacent counties. In all, 1,287 counties were affected by these procedures.

The estimates for 1981 and later years reflect both the 1980 estimates and procedures for estimating the effects of changes in commuting patterns. Under these procedures, a direct annual measure of wages and salaries by county of residence, based on wages and salaries reported to IRS on form 1040, is used systematically along with the BEA place-of-work earnings estimates and the 1980 gross flow estimates described above.[23] A relative change ratio is calculated for each county for each year after 1980. This ratio is the percentage change in county all-industry ISA from 1980 to the specified year divided by the percentage change in the IRS-based place-of-residence wage and salary series for the county. Initial estimates of total outflows from each county, based on the 1980 estimates and on the relative changes in ISA, are multiplied by the relative change ratio. Initial estimates of total inflows to each county, based on the 1980 estimates and on the relative changes in the IRS-based wage series, are divided by the ratio. Outflows are subtracted from inflows to yield net residence adjustment (final for the non-cluster counties). As a last step, cluster totals of place-of-residence ISA are derived and then redistributed to the constituent counties based on 1980 place-of-residence ISA and 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.

21. Adjustment factors and gross flows were calculated separately for a number of ISA components. Wages and salaries and OLI were classified separately by SIC industry division for the private sector and by level of government (with Federal civilian separate from the military) for the public sector. Personal contributions for social insurance were classified into the sum of nonmilitary OASDI and HI, railroad retirement, and State UI and temporary disability; military OASDI and HI; Federal civilian retirement; and State and local government retirement. Residence adjustment factors for the corresponding groups were calculated from the JTW data. However, for intercounty commuting flows with few workers in all industries, a single all-industry adjustment factor was used for all ISA components.

22. The 1979 census wage and salary distribution 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.

23. Tabulations of wages and salaries reported to IRS, classified geographically by tax-filing address, are available to BEA with a 1-year lag. This series is extrapolated to the most current year by the relative changes in the BEA national estimates of total wages and salaries and in the Census Bureau county population estimates.

TECHNICAL NOTES

Industry classification.—The industry detail in which the estimates of earnings are presented is in accordance with the SIC system established by OMB. The estimates for the years 1975 forward are based on the 1972 SIC, and the estimates for prior years are based on the 1967 SIC.

Per capita personal income.—This measure of income is the TPI 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 Bureau of the Census county population totals as of July 1, which are available for 1979 and for 1981–86. BEA estimated midyear 1980 population based on the 1980 census and on unpublished data on refugee population from the Bureau of the Census.

Per capita personal income serves as an indicator of the quality of consumer markets and of the economic well-being of the residents of an area. This measure, however, can vary widely from county to county and should be used with caution for several reasons.

In many instances, an unusually high or low per capita income is the temporary result of unusual conditions, such as a bumper crop, a major construction project (e.g., a defense facility, nuclear plant, or dam), or a catastrophe (e.g., a tornado or drought). In some cases, a high per capita income is not representative of the standard of living in an area. For example, a construction project may attract a large number of highly paid workers who are included in the population but who send a substantial portion of their wages to dependents living in other areas. Conversely, a county with a large institutional population (e.g., residents of a college or a prison) may show an unusually low per capita income, which is not necessarily indicative of the economic well-being of the noninstitutional population.

Moreover, population is measured at midyear, whereas income is measured as a flow over the year; therefore, a significant change in population during the year, particularly around midyear, can cause a distortion in the per capita figures.

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 counties that are characterized by a small population and a high level of dependence upon farming, the per capita income will react more sharply to the vagaries in weather, world market demand, and changing government policies related to agriculture than 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 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 capital gains are both reportable and taxable on income tax returns.[24]

Money income is prepared by the Bureau of the Census. Money income differs from personal income in that money income is measured before deduction of personal contributions for social insurance and does not include imputed income, lump sum payments, income received by quasi-individuals, certain in-kind transfer payments—such as medicaid, medicare, and food stamps—and employer contributions to private welfare and pension funds. It does include (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 by the Bureau of the Census as part of the census of population. Postcensal estimates are made biennially using IRS data and components of State personal income, adjusted to a money income concept, to extrapolate the estimate from the most recent census.

BEA and the Bureau of the Census prepare per capita estimates of personal and money income, respectively. In addition to the differences in income definitions already mentioned, substantial differences between the per capita measures may also arise from differences in the method of computation. For example, the Census Bureau computes 1985 per capita money income by dividing 1985 total money income by April 1986 total population, whereas BEA derives its 1985 per capita personal income by dividing 1985 total personal income by July 1985 total population.[25]

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 accept the various administrative record files at their face value, BEA has developed several computerized edit routines to locate major errors in the source materials, either directly or through examination of preliminary estimates based on the sources. 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 for further review items that exceed specified edit parameters. 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 industry 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 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 another data source.

Interpolation and extrapolation.—In the context of the State and local area personal income estimates, interpolation and extrapolation are procedures by which State and county distributions for individual components for a given year are extended to other years. Their use reflects the fact that, in many instances, statistical information for States and counties on a particular type of income flow is better for some years (benchmarks) than for others. Interpolation is a procedure for deriving estimates between benchmarks; extrapolation is a procedure for deriving 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

24. 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. More current estimates appear in NIPA table 8.14 in later July SURVEY issues.

25. 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.

example, when county distributions of wages and salaries disbursed in a certain industry are available for years 1 and 4, but are not available for years 2 and 3. The change in the data for each county is spread evenly to the interim years 2 and 3.

Wages and salaries in thousands of dollars

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

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

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

Employment and average wages

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

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

Average wages in dollars

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

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

Employment and wage approximations

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

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

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

Wage approximations

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

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

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—relating to 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's estimates by county and by industry are made using the wage and salary data contained in the ES-202 files. BEA receives county ES-202 data files from the State ESA's, through BLS, at the four-digit SIC level. These aggregations by county contain information covering one or more firms in an industry classification.[26] The ES-202 files have legal restrictions prohibiting the disclosure of confidential information. Three basic techniques for disclosure avoidance are available: Suppression, rolling up, and disturbing.[27] BEA uses a combination of all three techniques.

After completing its estimates of wage and salary disbursements by two-digit SIC industry, 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 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

26. Other examples of administrative record files used for State and local area income estimation that contain information about individuals are those from the SSA and from the VA. 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.

27. Suppression involves the deletion of a value and its replacement with a symbol—usually (D)—to indicate that it is being withheld. Rolling up involves 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 involves altering a number enough to prevent exact disclosure but not enough to impair the usefulness of the information.

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. Discretionary decisions are superimposed on the outcome of this process in some cases—such as those required to preserve regional or national totals.

A variant of the "disturbing" technique, along with systematic rolling up and 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. Where there are no county suppressions, the actual metropolitan area total is shown. Where 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). Where 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.

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)

CBP ..... *County Business Patterns* (published by the Bureau of the Census)

CCAdj ..... Capital consumption adjustment

CHAMPUS ..... Civilian Health and Medical Plan of the Uniformed Services

CMSA ..... Consolidated metropolitan statistical area

DOD ..... Department of Defense

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 UI programs and summarized on the Department of Labor ES-202 report.

ETA ..... Employment and Training Administration (of the Department of Labor)

HCFA ..... Health Care Financing Administration (of the Department of Health and Human Services)

HI ..... Hospital insurance (part of medicare)

IMF ..... Individual Master File (maintained by the IRS)

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 in particular to an unpublished tabulation of those data, including information about workers' industry of employment and their average earnings.

MSA ..... Metropolitan statistical area

NASS ..... National Agricultural Statistics Service (of USDA)

NECMA ..... New England county metropolitan area

NIPA('s) ..... National income and product account(s)

NPLL ..... Net profit less loss (a statistic drawn from 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

OMB ..... Office of Management and Budget

OPM ..... Office of Personnel Management

PMSA ..... Primary metropolitan statistical area

REIS ..... Regional Economic Information System (of BEA)

SIC ..... Standard Industrial Classification

SMI ..... Supplementary medical insurance (part of medicare)

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

SSA ..... Social Security Administration (of the Department of Health and Human Services)

SSI ..... Supplemental security income

TPI ..... Total personal 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 which is the origin of the ES-202 data.

USDA ..... United States Department of Agriculture

VA ..... Veterans' Administration

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 where-received basis. The adjustment is necessary because these components of personal income are estimated from data that are reported by point of disbursement (place of work). 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.

Annual rate.—Annual rates are the result of putting values for a quarter (or other periods, usually shorter than a year) at their annual equivalent; that is, they are the values that would be registered if the rate of activity were maintained for a full year. Expression of the State quarterly estimates at annual rates makes it easier to compare values for quarters and years.

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

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

County.—See **Geographic units**.

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

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

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

Extrapolation.—See the **Technical Notes**.

Fiduciary.—A fiduciary is an individual or a legal entity that serves as the administrator or trustee of an estate or a trust. Fiduciaries file 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's State estimates include all States and the District of Columbia. Territories of the United States are not included in the estimates. 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 regions.) The regional classifications, which were developed in the mid-1950's, are based on the homogeneity of the States with respect to income characteristics, industrial composition of the employed labor force, and noneconomic characteristics, such as demographic, social, and cultural factors. The Census Bureau publishes data by region using four Census regions composed of nine Census divisions. To enable the reader to compare BEA estimates with Census data, BEA often publishes its State estimates aggregated to Census divisions. For examples, see the sample tables in Appendix B of volume 1.

BEA's local area estimates include, with a few exceptions, all counties (and county equivalents) and all county-based metropolitan areas recognized for statistical purposes by OMB. The exceptions—which are combined with adjacent counties—are 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 A** 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 NIPA's. (If the sign of the IVA—which is usually negative—is reversed, this adjustment is recognizable as what is often called "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 their operating costs by the sale of goods and services to the public. Interest paid and interest received are excluded from costs and sales, respectively, in classifying the agencies. Partnerships are entities required to file IRS form 1065 (U.S. Partnership Return of Income). Sole proprietorships are entities that would be required to file IRS Schedule C (Profit or Loss from Business or Profession) or Schedule F (Farm Income and Expenses) on form 1040 if the proprietor met the filing requirements; farm housing is also regarded as a sole proprietorship. Other private businesses are all entities that would be required to report rent and royalty income on Schedule E (Supplemental Income Schedule) of form 1040 if the individual met the filing requirements, tax-exempt cooperatives, owner-occupied nonfarm housing, and 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, disability, and 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 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 in that 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 include taxes on income, including capital gains; on transfers of estates and gifts; and on personal property. (Real property taxes, as opposed to personal property taxes, are subtracted as an expense in estimating the business income components of personal income.) Nontaxes include 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.

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

Quasi-individuals.—See **Persons**.

Region.—See **Geographic units**.

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

Seasonal adjustment.—This kind of adjustment is a statistical procedure performed on the State quarterly estimates to remove the variations caused by factors such as weather, holidays, and tax payment dates that normally occur at about the same time and in about the same magnitude each year. After seasonal adjustment, cyclical and other short-term changes in economic activity stand out more clearly. The seasonal adjustments—made using methods such as the widely used Census Bureau X-11 ratio-to-moving-average method—reflect historical experience. The years on which this experience is based are continually moved forward, and new seasonal adjustments are introduced annually and at the time of comprehensive revisions.

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. For this purpose, 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, they are paid in monetary form; major exceptions are food stamps and medical vendor payments. Transfer payments include payments by government and business to individuals and to nonprofit institutions serving individuals. Government transfer payments to nonprofit institutions exclude payments for work under research and development contracts.

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

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

Table 1.—Personal Income for the United States by Type and Industry, 1981–86

[Thousands of dollars]

	1981	1982	1983	1984	1985	1986
Income by Place of Residence						
Total personal income	**2,514,231,000**	**2,663,432,000**	**2,834,385,000**	**3,101,163,000**	**3,320,346,000**	**3,528,589,000**
Nonfarm personal income	2,477,458,000	2,631,260,000	2,810,605,000	3,062,893,000	3,281,136,000	3,484,840,000
Farm income[1]	36,773,000	32,172,000	23,780,000	38,270,000	39,210,000	43,749,000
Population (thousands)[2]	229,626.2	231,975.0	234,253.7	236,438.9	238,697.6	241,036.4
Per capita personal income (dollars)	**10,949**	**11,482**	**12,100**	**13,116**	**13,910**	**14,639**
Derivation of total personal income						
Total earnings by place of work	1,839,424,000	1,916,937,000	2,036,246,000	2,247,918,000	2,417,615,000	2,573,620,000
Less: Personal contributions for social insurance[3]	104,053,000	111,824,000	119,573,000	132,182,000	148,308,000	158,932,000
Plus: Adjustment for residence[4]	-487,000	-559,000	-553,000	-510,000	-559,000	-526,000
Equals: Net earnings by place of residence	1,734,884,000	1,804,554,000	1,916,120,000	2,115,226,000	2,268,748,000	2,414,162,000
Plus: Dividends, interest, and rent[5]	409,957,000	447,229,000	474,974,000	528,785,000	561,753,000	595,579,000
Plus: Transfer payments	369,390,000	411,649,000	443,291,000	457,152,000	489,845,000	518,848,000
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,504,561,000	1,579,453,000	1,669,402,000	1,831,472,000	1,967,441,000	2,085,171,000
Other labor income	150,234,000	163,540,000	173,465,000	182,822,000	192,163,000	200,966,000
Proprietors' income[6]	184,629,000	173,944,000	193,379,000	233,624,000	258,011,000	287,483,000
Farm	28,518,000	23,001,000	14,933,000	29,583,000	30,416,000	34,913,000
Nonfarm	156,111,000	150,943,000	178,446,000	204,041,000	227,595,000	252,570,000
Earnings by industry:						
Farm	36,773,000	32,172,000	23,780,000	38,270,000	39,210,000	43,749,000
Nonfarm	1,802,651,000	1,884,765,000	2,012,466,000	2,209,648,000	2,378,405,000	2,529,871,000
Private	1,511,435,000	1,570,583,000	1,678,141,000	1,852,464,000	1,993,940,000	2,123,777,000
Agricultural services, forestry, fisheries, and other[7]	8,926,000	9,084,000	11,257,000	11,244,000	11,884,000	13,251,000
Agricultural services	7,563,000	8,133,000	9,088,000	9,550,000	9,597,000	10,670,000
Forestry, fisheries, and other[7]	1,363,000	951,000	2,169,000	1,694,000	2,287,000	2,581,000
Mining	40,782,000	41,535,000	36,858,000	38,944,000	40,760,000	36,296,000
Coal mining	8,282,000	8,928,000	7,687,000	8,482,000	8,326,000	8,060,000
Oil and gas extraction	26,527,000	27,580,000	24,432,000	25,536,000	27,569,000	23,849,000
Metal mining	3,249,000	2,383,000	1,997,000	1,927,000	1,761,000	1,724,000
Nonmetallic minerals, except fuels	2,724,000	2,644,000	2,742,000	2,999,000	3,104,000	2,663,000
Construction	114,025,000	116,218,000	123,714,000	141,180,000	152,713,000	165,527,000
Manufacturing	449,760,000	445,567,000	461,717,000	507,783,000	530,928,000	545,112,000
Nondurable goods	159,483,000	164,959,000	173,929,000	184,354,000	190,921,000	198,286,000
Food and kindred products	33,462,000	35,060,000	35,923,000	37,045,000	38,263,000	39,907,000
Textile mill products	11,750,000	11,115,000	12,288,000	12,610,000	12,298,000	13,162,000
Apparel and other textile products	14,200,000	14,002,000	14,794,000	15,872,000	15,554,000	15,907,000
Paper and allied products	16,755,000	17,227,000	18,366,000	19,927,000	20,736,000	21,691,000
Printing and publishing	24,734,000	26,477,000	28,617,000	31,450,000	34,241,000	36,507,000
Chemicals and allied products	30,318,000	32,309,000	33,457,000	35,153,000	37,009,000	38,133,000
Petroleum and coal products	8,759,000	9,351,000	9,629,000	9,307,000	9,321,000	8,918,000
Tobacco manufactures	1,910,000	2,046,000	2,139,000	2,129,000	2,231,000	2,223,000
Rubber and miscellaneous plastic products	14,476,000	14,420,000	15,785,000	18,075,000	18,741,000	19,482,000
Leather and leather products	3,119,000	2,952,000	2,931,000	2,786,000	2,527,000	2,356,000
Durable goods	290,277,000	280,608,000	287,788,000	323,429,000	340,007,000	346,826,000
Lumber and wood products	12,567,000	11,255,000	13,175,000	14,634,000	15,052,000	15,914,000
Furniture and fixtures	7,080,000	6,969,000	7,709,000	8,793,000	9,301,000	9,836,000
Primary metal industries	34,048,000	28,538,000	26,580,000	29,016,000	27,493,000	26,504,000
Fabricated metal products	35,436,000	33,666,000	33,808,000	37,740,000	39,778,000	39,994,000
Machinery, except electrical	61,320,000	58,813,000	55,838,000	63,324,000	66,458,000	65,326,000
Electric and electronic equipment	45,350,000	47,448,000	51,328,000	58,566,000	62,094,000	63,024,000
Transportation equip. exc. motor vehicles	31,540,000	32,160,000	32,336,000	35,415,000	39,109,000	42,970,000
Motor vehicles and equipment	25,239,000	23,560,000	27,098,000	32,686,000	35,904,000	36,313,000
Stone, clay, and glass products	14,140,000	13,499,000	14,120,000	15,433,000	15,905,000	16,570,000
Instruments and related products	16,324,000	17,587,000	18,259,000	19,447,000	20,640,000	21,778,000
Miscellaneous manufacturing industries	7,233,000	7,113,000	7,537,000	8,375,000	8,273,000	8,597,000
Transportation and public utilities	139,417,000	147,832,000	153,199,000	164,713,000	172,061,000	178,516,000
Railroad transportation	14,112,000	13,335,000	13,109,000	13,884,000	13,195,000	12,439,000
Trucking and warehousing	34,906,000	34,978,000	35,862,000	41,059,000	41,714,000	43,531,000
Water transportation	5,335,000	5,158,000	5,027,000	5,262,000	5,334,000	5,289,000
Other transportation[8]	23,189,000	24,867,000	26,539,000	28,485,000	30,873,000	33,296,000
Communication	38,111,000	42,885,000	44,085,000	44,579,000	46,331,000	47,414,000
Electric, gas, and sanitary services	23,764,000	26,609,000	28,577,000	31,444,000	34,614,000	36,547,000
Wholesale trade	122,587,000	127,860,000	131,008,000	145,784,000	157,360,000	164,731,000
Retail trade	178,111,000	185,736,000	203,508,000	219,754,000	236,095,000	252,733,000
Finance, insurance, and real estate	104,975,000	109,793,000	128,867,000	140,660,000	156,831,000	182,904,000
Banking and credit agencies	37,742,000	42,514,000	47,148,000	51,620,000	56,108,000	62,475,000
Other finance, insurance, and real estate[9]	67,233,000	67,279,000	81,719,000	89,040,000	100,723,000	120,429,000
Services	352,852,000	386,958,000	428,013,000	482,402,000	535,308,000	584,707,000
Hotels and other lodging places	12,403,000	12,870,000	14,706,000	16,129,000	17,149,000	18,787,000
Personal services	16,019,000	17,369,000	18,995,000	20,332,000	24,206,000	25,995,000
Private households	6,910,000	7,467,000	7,828,000	8,763,000	8,862,000	9,178,000
Business services	63,157,000	72,870,000	83,829,000	99,649,000	116,276,000	130,314,000
Auto repair, services, and garages	15,233,000	15,156,000	17,082,000	19,984,000	21,697,000	23,257,000
Miscellaneous repair services	7,156,000	7,485,000	8,506,000	10,015,000	9,470,000	9,822,000
Amusement and recreation services	9,006,000	9,518,000	10,523,000	11,816,000	13,025,000	13,942,000
Motion pictures	3,563,000	3,894,000	4,303,000	5,555,000	6,492,000	6,935,000
Health services	110,539,000	125,738,000	136,474,000	146,691,000	159,264,000	172,933,000
Legal services	24,086,000	28,216,000	32,238,000	38,516,000	42,848,000	48,444,000
Educational services	16,207,000	17,581,000	19,208,000	21,291,000	22,797,000	24,172,000
Social services	9,744,000	10,202,000	11,135,000	12,383,000	13,855,000	15,503,000
Museums, botanical, zoological gardens	386,000	433,000	482,000	529,000	595,000	699,000
Membership organizations	16,365,000	17,823,000	18,827,000	19,977,000	20,922,000	21,559,000
Miscellaneous services	42,078,000	40,336,000	43,877,000	50,772,000	57,850,000	63,167,000
Government and government enterprises	291,216,000	314,182,000	334,325,000	357,184,000	384,465,000	406,094,000
Federal, civilian	67,504,000	70,719,000	75,150,000	79,798,000	84,462,000	84,691,000
Military	28,393,000	32,249,000	34,393,000	36,396,000	38,948,000	40,628,000
State and local	195,319,000	211,214,000	224,782,000	240,990,000	261,055,000	280,775,000

See footnotes at end of tables.

Table 1.—Personal Income for the United States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	United States (Metropolitan portion)					
	1981	1982	1983	1984	1985	1986
Income by Place of Residence						
Total personal income	**2,035,256,551**	**2,163,115,271**	**2,309,797,542**	**2,527,535,154**	**2,717,169,255**	**2,894,797,727**
Nonfarm personal income	2,022,053,049	2,150,781,428	2,298,921,454	2,512,969,725	2,702,011,309	2,878,567,132
Farm income[2]	13,203,502	12,333,843	10,876,088	14,565,429	15,157,946	16,230,595
Population (thousands)[2]	175,152.1	177,066.2	178,948.3	180,835.2	182,904.4	185,062.8
Per capita personal income (dollars)	**11,620**	**12,216**	**12,908**	**13,977**	**14,856**	**15,642**
Derivation of total personal income						
Total earnings by place of work	1,528,358,322	1,602,295,654	1,712,274,982	1,886,813,257	2,039,765,256	2,176,628,533
Less: Personal contributions for social insurance[3]	87,343,581	93,981,077	101,009,961	111,849,119	126,061,367	135,630,872
Plus: Adjustment for residence[4]	-21,003,001	-21,220,085	-23,022,968	-25,785,128	-28,383,686	-29,213,712
Equals: Net earnings by place of residence	1,420,011,740	1,487,094,492	1,588,242,053	1,749,179,010	1,885,320,203	2,011,783,949
Plus: Dividends, interest, and rent[5]	330,478,052	359,286,736	380,792,654	426,663,948	454,558,708	482,836,153
Plus: Transfer payments	284,766,759	316,734,043	340,762,835	351,692,196	377,290,344	400,177,625
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,271,896,246	1,339,230,465	1,419,880,768	1,561,796,694	1,685,600,963	1,792,970,961
Other labor income	126,781,824	138,479,676	147,276,556	155,411,721	164,102,081	172,039,816
Proprietors' income[6]	129,680,252	124,585,513	145,117,658	169,604,842	190,062,212	211,617,756
Farm	9,447,917	8,087,741	6,773,649	10,539,765	11,078,611	12,132,576
Nonfarm	120,232,335	116,497,772	138,344,009	159,065,077	178,983,601	199,485,180
Earnings by industry:						
Farm	13,203,502	12,333,843	10,876,088	14,565,429	15,157,946	16,230,595
Nonfarm	1,515,154,820	1,589,961,811	1,701,398,894	1,872,247,828	2,024,607,310	2,160,397,938
Private	1,275,882,636	1,332,009,765	1,426,672,961	1,578,341,498	1,708,085,451	1,825,797,054
Agricultural services, forestry, fisheries, and other[7]	6,327,799	6,632,173	7,886,413	8,104,939	8,740,935	9,802,533
Agricultural services	5,471,800	5,922,674	6,667,922	7,128,611	7,358,399	8,245,036
Forestry, fisheries, and other[7]	855,999	709,499	1,218,491	976,328	1,382,536	1,557,497
Mining	23,268,771	24,087,058	21,945,285	23,057,781	24,968,033	22,456,652
Coal mining	1,945,041	2,044,592	1,804,906	1,984,177	1,971,750	1,881,745
Oil and gas extraction	18,716,244	19,818,010	17,913,056	18,744,792	20,690,477	18,489,975
Metal mining	1,226,746	886,416	793,725	739,106	631,213	629,761
Nonmetallic minerals, except fuels	1,380,740	1,338,040	1,433,598	1,589,706	1,674,593	1,455,171
Construction	93,271,320	95,064,513	101,586,871	116,761,059	127,227,625	138,986,084
Manufacturing	374,114,715	372,253,296	383,443,207	421,256,988	442,475,046	453,056,416
Nondurable goods	126,100,894	131,090,352	137,600,314	145,886,057	151,545,537	156,996,964
Food and kindred products	25,881,025	27,103,392	27,727,847	28,557,542	29,446,690	30,633,982
Textile mill products	6,633,353	6,275,148	6,817,873	6,987,354	6,749,221	7,068,947
Apparel and other textile products	10,010,366	9,892,909	10,374,208	11,128,856	10,934,791	11,190,798
Paper and allied products	11,984,274	12,303,318	13,057,448	14,136,307	14,620,570	15,171,913
Printing and publishing	22,323,957	23,898,813	25,801,462	28,406,147	30,911,810	32,928,380
Chemicals and allied products	26,276,426	28,137,383	29,111,491	30,653,491	32,404,587	33,521,332
Petroleum and coal products	7,742,419	8,302,446	8,541,687	8,235,987	8,265,790	7,878,918
Tobacco manufactures	1,782,659	1,903,506	1,989,073	1,983,431	2,087,870	2,077,238
Rubber and miscellaneous plastic products	11,334,162	11,247,299	12,173,792	13,875,152	14,387,739	14,898,324
Leather and leather products	2,132,253	2,026,138	2,005,433	1,921,790	1,736,469	1,627,132
Durable goods	248,013,821	241,162,944	245,842,893	275,370,931	290,929,509	296,059,452
Lumber and wood products	5,675,223	5,095,850	5,919,552	6,642,301	6,941,976	7,463,652
Furniture and fixtures	5,056,663	5,028,542	5,480,284	6,277,571	6,650,390	6,948,885
Primary metal industries	29,050,041	24,291,313	22,301,818	23,910,415	22,601,900	21,654,625
Fabricated metal products	30,612,667	29,030,833	28,931,815	32,136,258	33,763,066	33,811,908
Machinery, except electrical	52,324,835	50,515,015	47,957,209	54,158,540	57,104,603	55,991,844
Electric and electronic equipment	40,152,511	42,258,675	45,650,176	52,056,228	55,600,858	56,291,919
Transportation equip. exc. motor vehicles	29,798,700	30,472,295	30,578,354	33,432,034	37,038,275	40,612,662
Motor vehicles and equipment	23,303,234	21,687,222	24,891,793	29,849,171	32,908,308	33,134,264
Stone, clay, and glass products	10,588,338	10,122,967	10,528,532	11,527,820	11,911,459	12,413,202
Instruments and related products	15,247,552	16,505,450	17,071,048	18,147,724	19,291,519	20,329,196
Miscellaneous manufacturing industries	6,204,057	6,154,782	6,532,312	7,232,869	7,117,155	7,407,295
Transportation and public utilities	117,718,584	124,917,404	129,664,914	138,893,254	145,971,484	151,762,156
Railroad transportation	10,491,788	9,908,573	9,749,150	10,392,675	9,910,655	9,170,795
Trucking and warehousing	27,617,689	27,502,699	28,236,981	31,970,406	32,827,196	34,356,619
Water transportation	4,872,647	4,673,419	4,555,386	4,760,710	4,804,205	4,798,750
Other transportation[8]	22,100,456	23,636,923	25,239,838	27,107,827	29,462,908	31,790,594
Communication	33,977,892	38,500,989	39,702,948	40,256,145	41,989,626	43,044,583
Electric, gas, and sanitary services	18,658,112	20,694,801	22,180,611	24,405,491	26,976,894	28,600,815
Wholesale trade	109,072,748	114,105,185	117,543,668	131,243,972	142,238,747	149,474,524
Retail trade	146,689,875	153,527,704	168,494,785	182,904,974	197,134,672	211,465,648
Finance, insurance, and real estate	95,764,893	100,687,959	118,512,044	129,566,715	145,101,807	169,690,207
Banking and credit agencies	32,698,606	36,996,897	41,169,152	45,244,294	49,470,337	55,501,876
Other finance, insurance, and real estate[9]	63,066,287	63,691,062	77,342,892	84,322,421	95,631,470	114,188,331
Services	309,653,931	340,734,473	377,595,774	426,551,816	474,227,102	519,102,834
Hotels and other lodging places	10,169,976	10,573,980	12,126,300	13,366,073	14,332,293	15,749,158
Personal services	13,373,819	14,489,103	15,833,789	16,999,645	20,046,136	21,537,674
Private households	5,535,439	5,985,406	6,277,485	7,031,976	7,115,612	7,375,429
Business services	58,499,490	67,258,208	77,587,495	92,216,731	107,500,406	120,740,856
Auto repair, services, and garages	12,465,482	12,586,202	14,112,201	16,498,939	17,977,384	19,331,795
Miscellaneous repair services	5,945,084	6,204,884	6,960,961	8,179,329	7,881,310	8,186,099
Amusement and recreation services	8,011,219	8,478,914	9,418,779	10,592,208	11,620,618	12,454,802
Motion pictures	3,476,807	3,799,395	4,200,482	5,420,695	6,336,779	6,770,465
Health services	95,821,501	109,134,550	118,572,050	127,713,701	138,895,100	150,946,867
Legal services	22,125,039	26,057,887	29,847,705	35,650,817	39,723,312	45,001,924
Educational services	14,618,992	15,867,799	17,379,453	19,282,813	20,664,324	21,891,428
Social services	8,234,919	8,683,730	9,486,861	10,570,677	11,885,746	13,362,604
Museums, botanical, zoological gardens	368,817	413,258	460,639	505,198	563,933	664,075
Membership organizations	13,528,046	14,758,108	15,589,903	16,590,548	17,439,638	18,047,823
Miscellaneous services	37,479,301	36,443,049	39,741,671	45,932,466	52,244,511	57,041,835
Government and government enterprises	239,272,184	257,952,046	274,725,933	293,906,330	316,521,859	334,600,884
Federal, civilian	58,726,400	61,718,126	65,754,232	69,935,905	74,052,398	74,296,101
Military	23,849,823	27,006,895	28,764,229	30,498,931	32,681,433	34,088,418
State and local	156,695,961	169,227,025	180,207,472	193,471,494	209,788,028	226,216,365

See footnotes at end of tables.

Table 1.—Personal Income for the United States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	United States (Nonmetropolitan portion)					
	1981	1982	1983	1984	1985	1986
Income by Place of Residence						
Total personal income	**478,974,449**	**500,316,729**	**524,587,458**	**573,627,846**	**603,176,745**	**633,791,273**
Nonfarm personal income	455,404,951	480,478,572	511,683,546	549,923,275	579,124,691	606,272,868
Farm income[1]	23,569,498	19,838,157	12,903,912	23,704,571	24,052,054	27,518,405
Population (thousands)[2]	54,474.1	54,908.7	55,305.4	55,603.6	55,793.2	55,973.6
Per capita personal income (dollars)	**8,793**	**9,112**	**9,485**	**10,316**	**10,811**	**11,323**
Derivation of total personal income						
Total earnings by place of work	311,065,678	314,641,346	323,971,018	361,104,743	377,849,744	396,991,467
Less: Personal contributions for social insurance[3]	16,709,419	17,842,923	18,563,039	20,332,881	22,246,633	23,301,128
Plus: Adjustment for residence[4]	20,516,001	20,661,085	22,469,968	25,275,128	27,824,686	28,687,712
Equals: Net earnings by place of residence	314,872,260	317,459,508	327,877,947	366,046,990	383,427,797	402,378,051
Plus: Dividends, interest, and rent[5]	79,478,948	87,942,264	94,181,346	102,121,052	107,194,292	112,742,847
Plus: Transfer payments	84,623,241	94,914,957	102,528,165	105,459,804	112,554,656	118,670,375
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	232,664,754	240,222,535	249,521,232	269,675,306	281,840,037	292,200,039
Other labor income	23,452,176	25,060,324	26,188,444	27,410,279	28,060,919	28,926,184
Proprietors' income[6]	54,948,748	49,358,487	48,261,342	64,019,158	67,948,788	75,865,244
Farm	19,070,083	14,913,259	8,159,351	19,043,235	19,337,389	22,780,424
Nonfarm	35,878,665	34,445,228	40,101,991	44,975,923	48,611,399	53,084,820
Earnings by industry:						
Farm	23,569,498	19,838,157	12,903,912	23,704,571	24,052,054	27,518,405
Nonfarm	287,496,180	294,803,189	311,067,106	337,400,172	353,797,690	369,473,062
Private	235,552,364	238,573,235	251,468,039	274,122,502	285,854,549	297,979,946
Agricultural services, forestry, fisheries, and other[7]	2,598,201	2,451,827	3,370,587	3,139,061	3,143,065	3,448,467
Agricultural services	2,091,200	2,210,326	2,420,078	2,421,389	2,238,601	2,424,964
Forestry, fisheries, and other[7]	507,001	241,501	950,509	717,672	904,464	1,023,503
Mining	17,513,229	17,447,942	14,912,715	15,886,219	15,791,967	13,839,348
Coal mining	6,336,959	6,883,408	5,882,094	6,497,823	6,354,250	6,178,255
Oil and gas extraction	7,810,756	7,761,990	6,518,944	6,791,208	6,878,523	5,359,025
Metal mining	2,022,254	1,496,584	1,203,275	1,187,894	1,129,787	1,094,239
Nonmetallic minerals, except fuels	1,343,260	1,305,960	1,308,402	1,409,294	1,429,407	1,207,829
Construction	20,753,680	21,153,487	22,127,129	24,418,941	25,485,375	26,540,916
Manufacturing	75,645,285	73,313,704	78,273,793	86,526,012	88,452,954	92,055,584
Nondurable goods	33,382,106	33,868,648	36,328,686	38,467,943	39,375,463	41,289,036
Food and kindred products	7,580,975	7,956,608	8,195,153	8,487,458	8,816,310	9,273,018
Textile mill products	5,116,647	4,839,852	5,470,127	5,622,646	5,548,779	6,093,053
Apparel and other textile products	4,189,634	4,109,091	4,419,792	4,743,144	4,619,209	4,716,202
Paper and allied products	4,770,726	4,923,682	5,308,552	5,790,693	6,115,430	6,519,087
Printing and publishing	2,410,043	2,578,187	2,815,538	3,043,853	3,329,190	3,578,620
Chemicals and allied products	4,041,574	4,171,617	4,345,509	4,499,509	4,604,413	4,611,668
Petroleum and coal products	1,016,581	1,048,554	1,087,313	1,071,013	1,055,210	1,039,082
Tobacco manufactures	127,341	142,494	149,927	145,569	143,130	145,762
Rubber and miscellaneous plastic products	3,141,838	3,172,701	3,611,208	4,199,848	4,353,261	4,583,676
Leather and leather products	986,747	925,862	925,567	864,210	790,531	728,868
Durable goods	42,263,179	39,445,056	41,945,107	48,058,069	49,077,491	50,766,548
Lumber and wood products	6,891,777	6,159,150	7,255,448	7,991,699	8,110,024	8,450,348
Furniture and fixtures	2,023,337	1,940,458	2,228,716	2,515,429	2,650,610	2,887,115
Primary metal industries	4,997,959	4,246,687	4,278,182	5,105,585	4,891,100	4,849,375
Fabricated metal products	4,823,333	4,635,167	4,876,185	5,603,742	6,014,934	6,182,092
Machinery, except electrical	8,995,165	8,297,985	7,880,791	9,165,460	9,353,397	9,334,156
Electric and electronic equipment	5,197,489	5,189,325	5,677,824	6,509,772	6,493,142	6,732,081
Transportation equip. exc. motor vehicles	1,741,300	1,687,705	1,757,646	1,982,966	2,070,725	2,357,338
Motor vehicles and equipment	1,935,766	1,872,778	2,206,207	2,836,829	2,995,692	3,178,736
Stone, clay, and glass products	3,551,662	3,376,033	3,591,468	3,905,180	3,993,541	4,156,798
Instruments and related products	1,076,448	1,081,550	1,187,952	1,299,276	1,348,481	1,448,804
Miscellaneous manufacturing industries	1,028,943	958,218	1,004,688	1,142,131	1,155,845	1,189,705
Transportation and public utilities	21,698,416	22,914,596	23,534,086	25,819,746	26,089,516	26,753,844
Railroad transportation	3,620,212	3,426,427	3,359,850	3,491,325	3,284,345	3,268,205
Trucking and warehousing	7,288,311	7,475,301	7,625,019	9,088,594	8,886,804	9,174,381
Water transportation	462,353	484,581	471,614	501,290	529,795	490,250
Other transportation[8]	1,088,544	1,230,077	1,299,162	1,377,173	1,410,092	1,505,406
Communication	4,133,108	4,384,011	4,382,052	4,322,855	4,341,374	4,369,417
Electric, gas, and sanitary services	5,105,888	5,914,199	6,396,389	7,038,509	7,637,106	7,946,185
Wholesale trade	13,514,252	13,754,815	13,464,332	14,540,028	15,121,253	15,256,476
Retail trade	31,421,125	32,208,296	35,013,215	36,849,026	38,960,328	41,267,352
Finance, insurance, and real estate	9,210,107	9,105,041	10,354,956	11,093,285	11,729,193	13,213,793
Banking and credit agencies	5,043,394	5,517,103	5,978,848	6,375,706	6,637,663	6,973,124
Other finance, insurance, and real estate[9]	4,166,713	3,587,938	4,376,108	4,717,579	5,091,530	6,240,669
Services	43,198,069	46,223,527	50,417,226	55,850,184	61,080,898	65,604,166
Hotels and other lodging places	2,233,024	2,296,020	2,579,700	2,762,927	2,816,707	3,037,842
Personal services	2,645,181	2,879,897	3,161,211	3,332,355	4,159,864	4,457,326
Private households	1,374,561	1,481,594	1,550,515	1,731,024	1,746,388	1,802,571
Business services	4,657,510	5,611,792	6,241,505	7,432,269	8,775,594	9,573,144
Auto repair, services, and garages	2,767,518	2,569,798	2,969,799	3,485,061	3,719,616	3,925,205
Miscellaneous repair services	1,210,916	1,280,116	1,545,039	1,835,671	1,588,690	1,635,901
Amusement and recreation services	994,781	1,039,086	1,104,221	1,223,792	1,404,382	1,487,198
Motion pictures	86,193	94,605	102,518	134,305	155,221	164,535
Health services	14,717,499	16,603,450	17,901,950	18,977,299	20,368,900	21,986,133
Legal services	1,960,961	2,158,113	2,390,295	2,865,183	3,124,688	3,442,076
Educational services	1,588,008	1,713,201	1,828,547	2,008,187	2,132,676	2,280,572
Social services	1,509,081	1,518,270	1,648,139	1,812,323	1,969,254	2,140,396
Museums, botanical, zoological gardens	17,183	19,742	21,361	23,802	31,067	34,925
Membership organizations	2,836,954	3,064,892	3,237,097	3,386,452	3,482,362	3,511,177
Miscellaneous services	4,598,699	3,892,951	4,135,329	4,839,534	5,605,489	6,125,165
Government and government enterprises	51,943,816	56,229,954	59,599,067	63,277,670	67,943,141	71,493,116
Federal, civilian	8,777,600	9,000,874	9,395,768	9,862,095	10,409,602	10,394,899
Military	4,543,177	5,242,105	5,628,771	5,897,069	6,266,567	6,539,582
State and local	38,623,039	41,986,975	44,574,528	47,518,506	51,266,972	54,558,635

See footnotes at end of tables.

Table 2.—Twenty Highest and Lowest Per Capita Personal Incomes for Counties in the United States, 1986

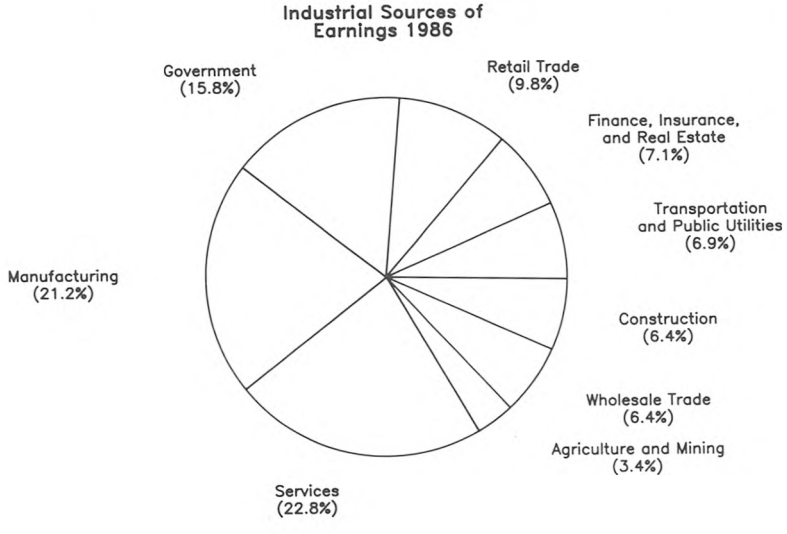
[Counties with total personal incomes of 50 million dollars or more]

County	Twenty highest per capita incomes		County	Twenty lowest per capita incomes	
	Dollars	Percent of national average		Dollars	Percent of national average
Marin, California	29,055	198.5	Starr, Texas	4,136	28.3
New York, New York	28,505	194.7	Maverick, Texas	5,063	34.6
Alexandria City, Virginia	26,030	177.8	McCreary, Kentucky	5,303	36.2
Pitkin, Colorado	25,973	177.4	Zavala, Texas	5,791	39.6
Arlington, Virginia	25,926	177.1	Dimmit, Texas	5,806	39.7
Somerset, New Jersey	25,196	172.1	Jackson, Kentucky	5,997	41.0
Westchester, New York	25,167	171.9	Clay, West Virginia	6,160	42.1
Fairfield, Connecticut	24,501	167.4	Apache, Arizona	6,169	42.1
Perkins, Nebraska	24,141	164.9	Edmonson, Kentucky	6,188	42.3
Bergen, New Jersey	24,136	164.9	Lee, Arkansas	6,287	42.9
Montgomery, Maryland	24,003	164.0	Madison, Louisiana	6,305	43.1
Morris, New Jersey	23,769	162.4	Jefferson, Mississippi	6,344	43.3
Sherman, Texas	23,733	162.1	Willacy, Texas	6,379	43.6
San Mateo, California	23,296	159.1	Perry, Alabama	6,458	44.1
Fairfax, F'fx City, Falls Ch., Va	23,136	158.0	Leslie, Kentucky	6,480	44.3
Nassau, New York	23,133	158.0	Holmes, Mississippi	6,611	45.2
Hunterdon, New Jersey	23,101	157.8	Clinton, Kentucky	6,618	45.2
Juneau Borough, Alaska[1]	22,453	153.4	Shannon, Missouri	6,658	45.5
Nantucket, Massachusetts	22,297	152.3	Lee, Kentucky	6,663	45.5
Howard, Maryland	22,133	151.2	Franklin, Louisiana	6,697	45.7

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

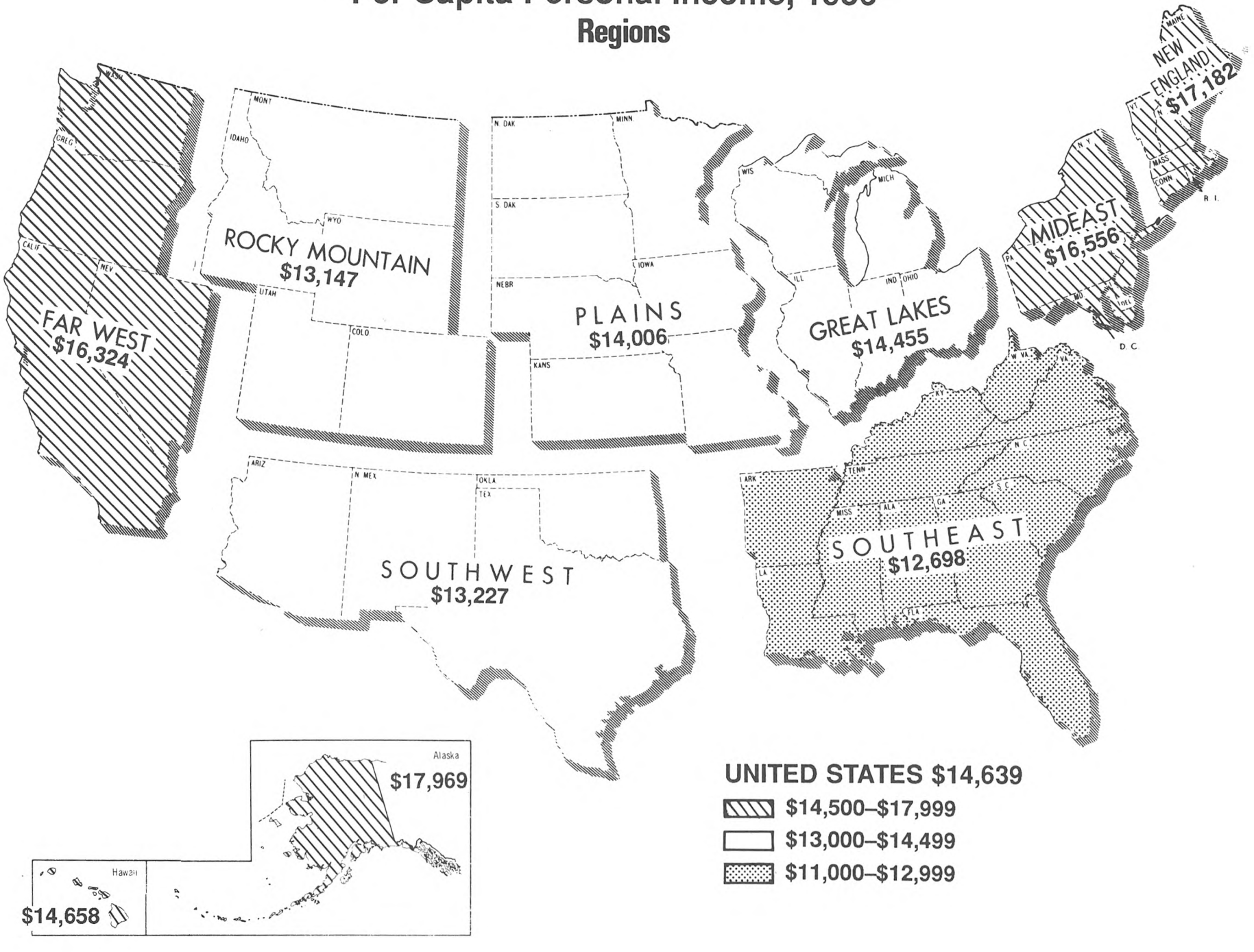
Table 3.—Total and Per Capita Personal Income and Population by Region, 1981–86

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
	1981	1986	1981–86	1981	1986	1981–86	1981	1986	1981	1986	1981–86
United States	2,514,231	3,528,589	40.3	10,949	14,639	33.7	100.0	100.0	229,626	241,036	5.0
Metropolitan portion	2,035,257	2,894,798	42.2	11,620	15,642	34.6	106.1	106.9	175,152	185,063	5.7
Nonmetropolitan portion	478,974	633,791	32.3	8,793	11,323	28.8	80.3	77.3	54,474	55,974	2.8
New England region	145,282	218,846	50.6	11,700	17,182	46.9	106.9	117.4	12,417	12,737	2.6
Metropolitan portion	125,269	188,779	50.7	12,037	17,766	47.6	109.9	121.4	10,407	10,626	2.1
Nonmetropolitan portion	20,013	30,067	50.2	9,958	14,241	43.0	90.9	97.3	2,010	2,111	5.1
Mideast region	499,432	711,953	42.6	11,799	16,556	40.3	107.8	113.1	42,327	43,003	1.6
Metropolitan portion	463,751	663,918	43.2	12,104	17,045	40.8	110.5	116.4	38,314	38,951	1.7
Nonmetropolitan portion	35,681	48,034	34.6	8,891	11,854	33.3	81.2	81.0	4,013	4,052	1.0
Great Lakes region	456,410	603,336	32.2	10,942	14,455	32.1	99.9	98.7	41,711	41,738	.1
Metropolitan portion	368,930	490,287	32.9	11,455	15,200	32.7	104.6	103.8	32,206	32,256	.2
Nonmetropolitan portion	87,480	113,049	29.2	9,204	11,923	29.5	84.1	81.4	9,505	9,481	-.3
Plains region	184,543	246,172	33.4	10,670	14,006	31.3	97.5	95.7	17,295	17,577	1.6
Metropolitan portion	109,897	151,370	37.7	11,620	15,430	32.8	106.1	105.4	9,457	9,810	3.7
Nonmetropolitan portion	74,646	94,802	27.0	9,524	12,206	28.2	87.0	83.4	7,838	7,767	-.9
Southeast region	505,500	727,287	43.9	9,414	12,698	34.9	86.0	86.7	53,697	57,274	6.7
Metropolitan portion	355,384	523,323	47.3	10,357	14,060	35.8	94.6	96.0	34,314	37,221	8.5
Nonmetropolitan portion	150,116	203,964	35.9	7,745	10,171	31.3	70.7	69.5	19,383	20,053	3.5
Southwest region	237,800	327,324	37.7	10,803	13,227	22.4	98.7	90.4	22,013	24,746	12.4
Metropolitan portion	186,419	260,743	39.9	11,451	14,008	22.3	104.6	95.7	16,280	18,613	14.3
Nonmetropolitan portion	51,381	66,581	29.6	8,962	10,857	21.1	81.9	74.2	5,733	6,133	7.0
Rocky Mountain region	71,425	95,458	33.7	10,576	13,147	24.3	96.6	89.8	6,754	7,261	7.5
Metropolitan portion	45,773	64,081	40.0	11,217	14,285	27.4	102.4	97.6	4,081	4,486	9.9
Nonmetropolitan portion	25,652	31,377	22.3	9,597	11,307	17.8	87.7	77.2	2,673	2,775	3.8
Far West region	396,338	573,054	44.6	12,379	16,324	31.9	113.1	111.5	32,017	35,105	9.6
Metropolitan portion	367,668	534,907	45.5	12,617	16,691	32.3	115.2	114.0	29,141	32,047	10.0
Nonmetropolitan portion	28,670	38,147	33.1	9,969	12,477	25.2	91.0	85.2	2,876	3,057	6.3
Alaska	6,449	9,587	48.7	15,526	17,969	15.7	141.8	122.7	415	534	28.5
Hawaii	11,051	15,572	40.9	11,275	14,658	30.0	103.0	100.1	980	1,062	8.4

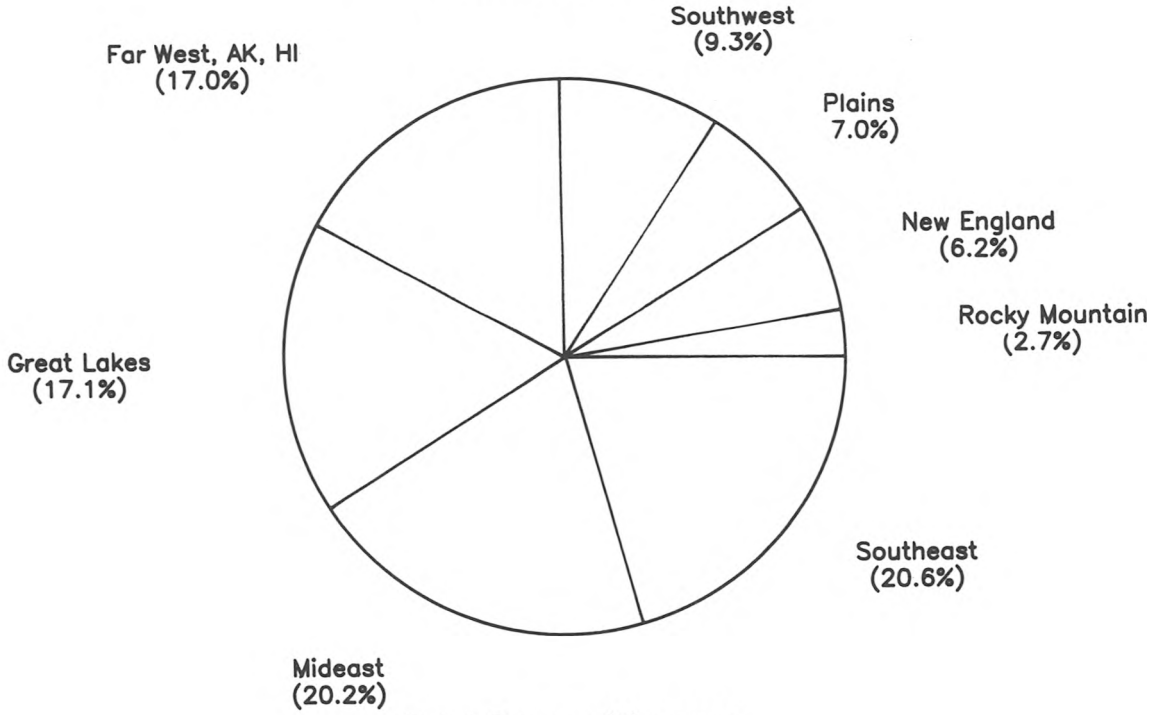


Per Capita Personal Income, 1986

Regions



Total Personal Income 1986
Percent of U.S. Total



Total Personal Income
Percent Change 1981–86

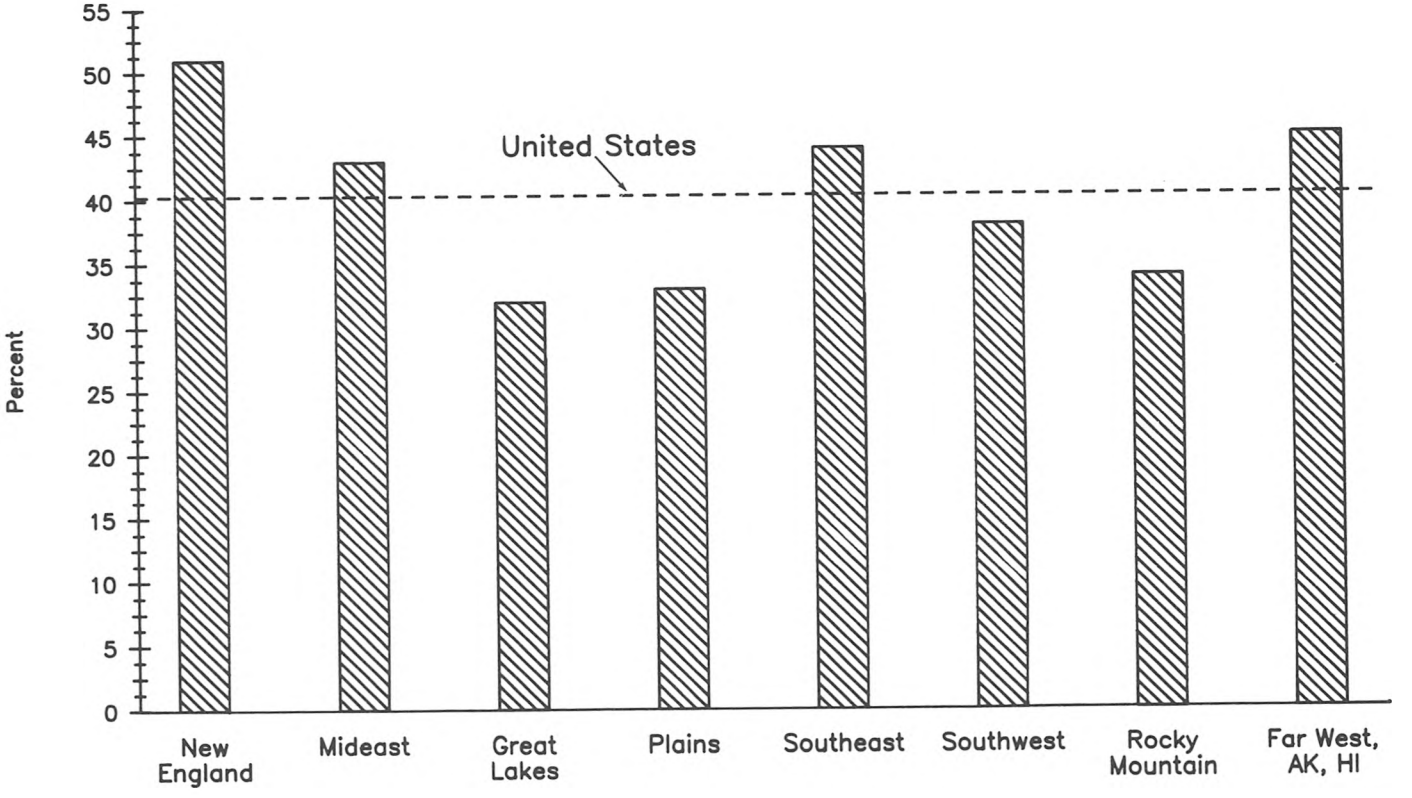


Table 4.—Personal Income for Regions by Type and Industry, 1981–86

[Thousands of dollars]

	New England						New England (Metropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**145,282,473**	**156,304,980**	**169,145,412**	**187,446,978**	**202,056,150**	**218,846,043**	**125,269,067**	**134,862,662**	**145,991,197**	**161,864,211**	**174,445,272**	**188,778,628**
Nonfarm personal income	144,723,975	155,689,215	168,602,242	186,814,284	201,420,221	218,167,983	124,996,500	134,548,542	145,662,388	161,491,365	174,067,271	188,358,631
Farm income[1]	558,498	615,765	543,170	632,694	635,929	678,060	272,567	314,120	328,809	372,846	378,001	419,997
Population (thousands)[2]	12,416.9	12,432.5	12,489.0	12,571.8	12,657.4	12,737.1	10,407.3	10,408.3	10,449.6	10,511.1	10,573.8	10,625.8
Per capita personal income (dollars)	**11,700**	**12,572**	**13,544**	**14,910**	**15,963**	**17,182**	**12,037**	**12,957**	**13,971**	**15,399**	**16,498**	**17,766**
Derivation of total personal income:												
Total earnings by place of work	102,203,589	108,862,023	119,100,061	133,093,047	145,518,332	158,931,036	90,065,861	96,151,414	105,275,417	117,750,629	128,808,004	140,435,686
Less: Personal contributions for social insurance[3]	5,851,052	6,327,832	6,874,122	7,719,837	8,795,887	9,684,609	5,175,878	5,608,136	6,107,153	6,862,089	7,819,073	8,598,370
Plus: Adjustment for residence	2,263,981	2,402,373	2,639,661	2,898,022	3,048,509	3,196,084	960,933	968,426	1,059,782	1,088,820	1,007,711	1,025,010
Equals: Net earnings by place of residence	98,616,518	104,936,564	114,865,600	128,271,232	139,770,954	152,442,511	85,850,916	91,511,704	100,228,046	111,977,360	121,996,642	132,862,326
Plus: Dividends, interest, and rent[5]	25,157,584	27,745,951	29,060,013	33,177,881	34,706,547	37,270,168	21,374,088	23,581,090	24,641,350	28,128,563	29,390,166	31,517,459
Plus: Transfer payments	21,508,371	23,622,465	25,219,799	25,997,865	27,578,649	29,133,364	18,044,063	19,769,868	21,121,801	21,758,288	23,058,464	24,398,843
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	84,775,650	90,769,942	98,265,065	109,885,301	119,925,006	130,719,050	75,293,091	80,694,421	87,476,336	97,970,120	106,986,506	116,452,347
Other labor income	8,780,998	9,795,756	10,669,486	11,429,793	12,249,670	13,005,817	7,830,140	8,748,097	9,529,081	10,204,567	10,952,214	11,589,877
Proprietors' income[6]	8,646,941	8,296,325	10,165,510	11,777,953	13,343,656	15,206,169	6,942,630	6,708,896	8,270,000	9,575,942	10,869,284	12,393,462
Farm	367,125	411,500	345,590	438,880	440,447	482,127	159,210	196,227	214,579	261,211	265,412	307,037
Nonfarm	8,279,816	7,884,825	9,819,920	11,339,073	12,903,209	14,724,042	6,783,420	6,512,669	8,055,421	9,314,731	10,603,872	12,086,425
Earnings by industry:												
Farm	558,498	615,765	543,170	632,694	635,929	678,060	272,567	314,120	328,809	372,846	378,001	419,997
Nonfarm	101,645,091	108,246,258	118,556,891	132,460,353	144,882,403	158,252,976	89,793,294	95,837,294	104,946,608	117,377,783	128,430,003	140,015,689
Private	88,025,569	93,825,590	103,074,463	115,728,033	126,556,601	138,746,084	78,298,126	83,710,614	91,917,074	103,274,809	112,960,378	123,540,664
Agricultural services, forestry, fisheries, and other[7]	433,286	434,933	619,616	580,199	743,587	884,939	328,068	345,642	450,102	441,602	547,311	653,668
Agricultural services	274,093	316,075	372,250	407,927	444,268	535,616	197,858*	249,161*	291,126*	327,174	358,211*	437,312
Forestry, fisheries, and other[7]	159,193	118,858	247,366	172,272	299,319	349,323	(D)	93,275*	152,316*	114,428	183,106*	216,356
Mining	564,005	499,920	404,885	440,729	605,494	633,042	475,470	419,358	335,111	365,150	505,340	529,895
Coal mining	(D)	(D)	(D)	27,188	(D)	35,090	39,843*	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	442,481	385,391	294,108	327,695	474,430	490,423	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	14,102	10,902	4,684	3,133	1,130	2,118	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	82,713	(D)	105,411	(D)	(D)	(D)	(D)	(D)	(D)
Construction	5,132,345	5,754,248	6,733,389	7,927,236	9,064,609	10,539,478	4,312,179	4,871,100	5,704,266	6,664,770	7,594,820	8,736,096
Manufacturing	31,626,841	32,697,306	34,310,125	38,273,205	39,870,310	40,864,034	28,177,910	29,207,367	30,638,976	34,232,197	35,723,516	36,496,979
Nondurable goods	9,014,199	9,536,683	10,063,934	10,807,342	11,085,007	11,464,976	7,651,495*	8,112,816*	8,554,183*	9,234,623*	9,487,755*	9,834,349*
Food and kindred products	1,013,343	1,122,634	1,138,394	1,174,149	1,233,563	1,277,884	(D)	928,202*	943,413*	970,270*	1,007,782*	1,046,367*
Textile mill products	868,632	807,734	885,731	958,721	908,430	910,147	(D)	603,566*	659,969*	724,534*	689,156*	692,850*
Apparel and other textile products	728,719	739,748	763,388	826,444	786,237	760,768	629,837*	650,967*	666,782*	726,108*	695,374*	654,067*
Paper and allied products	1,592,862	1,667,368	1,758,754	1,883,445	1,912,067	1,963,951	1,027,148*	1,057,493*	1,115,429*	1,203,854*	1,199,003*	(D)
Printing and publishing	1,626,420	1,777,631	1,930,128	2,160,005	2,400,923	2,617,907	(D)	1,610,889*	1,748,206*	1,971,297*	2,185,288*	2,374,019*
Chemicals and allied products	1,206,195	1,384,494	1,441,766	1,578,708	1,677,560	1,782,002	1,140,876*	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	94,711	93,895	90,366	83,623	89,142	96,053	88,225*	85,462*	80,384*	(D)	73,543*	78,298*
Tobacco manufactures	16,004	20,455	24,266	27,676	30,449	31,781	16,004	(D)	(D)	(D)	30,435*	31,781
Rubber and misc. plastic products	1,133,451	1,204,682	1,302,114	1,440,320	1,471,290	1,516,034	1,009,551*	1,082,883*	1,169,776*	1,283,146*	1,311,755*	1,349,115*
Leather and leather products	733,862	718,042	729,027	674,251	575,346	508,449	511,142*	(D)	(D)	(D)	(D)	(D)
Durable goods	22,612,642	23,160,623	24,246,191	27,465,863	28,785,303	29,399,058	20,526,118*	21,094,261*	22,084,548*	24,997,181*	26,235,283*	26,662,251*
Lumber and wood products	563,131	494,125	574,985	678,520	704,506	764,436	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	283,399	280,804	288,362	327,097	356,843	397,428	(D)	(D)	(D)	(D)	239,941*	276,572*
Primary metal industries	1,188,445	1,125,288	1,095,324	1,303,753	1,153,871	1,179,497	1,038,890*	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,039,595	3,014,510	3,004,290	3,088,165	3,129,733	3,071,799	2,772,043*	2,741,787*	2,726,026*	2,786,261*	2,807,076*	2,748,148*
Machinery, except electrical	4,963,865	4,999,667	5,036,800	5,796,122	6,187,547	6,251,756	4,488,367*	4,547,342*	4,625,162*	5,324,343*	5,629,496*	5,692,252*
Electric and electronic equipment	4,489,722	4,903,068	5,463,462	6,622,369	7,094,652	7,154,677	3,923,022*	4,279,203*	4,795,119*	5,848,805*	6,278,360*	6,297,405*
Transportation equip. exc. motor vehicles	3,643,275	3,894,849	4,183,836	4,508,735	4,900,358	5,149,478	3,158,554*	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	270,139	232,905	241,468	354,199	356,842	341,963	256,598*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	619,169	588,357	610,565	668,160	702,851	726,918	474,159*	457,287*	471,415*	514,437*	530,105*	535,468*
Instruments and related products	2,406,991	2,506,211	2,583,948	2,841,124	2,909,127	3,037,691	2,235,868*	2,340,070*	2,399,220*	2,653,295*	2,717,693*	2,778,868*
Miscellaneous manufacturing industries	1,144,911	1,120,839	1,163,151	1,277,619	1,288,973	1,323,415	1,048,390*	1,046,814*	1,086,716*	1,177,339*	1,181,728*	1,213,168*
Transportation and public utilities	5,934,563	6,372,771	6,800,757	7,323,363	7,840,261	8,196,196	5,291,514	5,718,161	6,111,005	6,547,355	7,012,541	7,314,737
Railroad transportation	319,470	288,520	271,534	305,429	303,363	282,354	252,799*	(D)	(D)	(D)	(D)	196,405*
Trucking and warehousing	1,374,265	1,398,995	1,482,995	1,706,573	1,767,676	1,904,207	1,187,027*	1,117,716*	1,184,924*	1,466,178	1,528,476	1,632,513*
Water transportation	90,274	95,811	108,507	131,018	154,488	178,562	68,393*	78,675*	89,533*	101,921*	118,513*	140,165*
Other transportation[8]	921,507	990,333	1,094,971	1,229,950	1,372,291	1,456,023	(D)	(D)	(D)	(D)	(D)	(D)
Communication	2,080,338	2,342,096	2,478,454	2,407,032	2,514,070	2,503,332	1,748,126*	(D)	(D)	2,145,407*	2,250,218*	2,242,908*
Electric, gas, and sanitary services	1,148,709	1,257,016	1,364,296	1,543,361	1,728,373	1,871,718	956,322*	1,071,069*	1,162,548*	1,266,617*	1,413,592*	1,515,084*
Wholesale trade	6,241,284	6,581,292	7,053,271	8,064,661	9,074,245	9,907,532	5,795,796	6,117,428	6,565,145	7,528,567	8,461,378	9,220,900
Retail trade	9,723,434	10,242,942	11,662,201	12,927,848	14,311,876	16,096,856	8,330,913	8,775,049	9,994,330	11,101,337	12,298,004	13,815,815
Finance, insurance, and real estate	6,582,131	6,932,684	8,180,550	8,999,620	10,135,604	12,344,179	6,182,096	6,575,939	7,731,022	8,513,984	9,591,879	11,628,710
Banking and credit agencies	1,953,738	2,217,613	2,460,420	2,754,052	3,098,276	3,645,891	1,741,778*	1,878,933*	2,073,853*	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	4,628,393	4,715,071	5,720,130	6,245,568	7,037,328	8,698,288	4,340,965*	4,331,272*	5,191,360*	(D)	(D)	7,544,477*
Services	21,787,680	24,309,494	27,309,669	31,191,172	34,910,615	39,279,828	19,404,180	21,680,570	24,387,117	27,879,847	31,225,589	35,143,864
Hotels and other lodging places	510,576	550,591	662,884	755,559	833,643	958,218	(D)	332,074*	408,207*	457,970*	(D)	(D)
Personal services	809,101	888,088	1,057,778	1,161,334	1,415,219	1,566,401	683,777*	742,930*	874,874*	(D)	(D)	(D)
Private households	317,164	339,336	353,277	393,774	396,467	408,340	231,480*	254,319*	264,532*	294,621*	296,440*	304,952*
Business services	3,857,789	4,568,083	5,395,248	6,570,544	7,732,041	9,104,110	3,627,744	4,284,606*	5,049,111*	6,154,161*	7,230,910*	8,519,061*
Auto repair, services, and garages	784,323	820,288	933,798	1,101,796	1,218,711	1,370,167	668,648	708,970	808,733	951,896	1,055,046	1,187,040
Miscellaneous repair services	316,029	348,840	421,680	479,545	473,149	542,880	283,076	310,831	370,422	414,701	417,305	478,138*
Amusement and recreation services	407,582	432,026	469,161	535,065	615,010	673,144	(D)	337,692*	371,313*	444,667*	501,677*	555,335*
Motion pictures	64,560	75,302	82,471	110,739	136,133	153,388	(D)	65,337*	71,656*	95,615*	(D)	(D)
Health services	7,397,242	8,409,713	9,197,225	10,007,829	10,915,862	11,904,069	6,560,553	7,470,406	8,170,239	8,896,441	9,704,599	10,567,611
Legal services	1,298,114	1,487,555	1,747,474	2,138,788	2,405,677	2,821,956	1,192,468	1,368,321	1,611,393	1,969,651	2,217,204	2,601,427
Educational services	2,146,034	2,336,761	2,563,703	2,841,194	2,997,978	3,246,131	1,847,999*	2,061,448*	2,268,384*	(D)	(D)	(D)
Social services	706,552	753,224	843,253	953,411	1,094,297	1,254,892	580,930*	650,868	729,744	826,139	951,798*	1,092,401*
Museums, botanical, zoological gardens	40,392	44,496	48,126	55,019	64,644	71,645	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	761,279	819,042	879,571	968,870	1,030,736	1,093,130	656,214*	697,272*	747,997*	824,872*	881,201*	936,970*
Miscellaneous services	2,370,943	2,436,149	2,654,020	3,117,705	3,581,048	4,111,357	2,134,985	2,189,050	2,406,903	2,818,808	3,232,954	3,704,237
Government and government enterprises	13,619,522	14,420,668	15,482,428	16,732,320	18,325,802	19,506,892	11,495,168	12,126,680	13,029,534	14,102,974	15,469,625	16,475,025
Federal, civilian	2,671,584	2,816,755	2,967,984	3,180,807	3,362,374	3,396,033	2,126,580	2,223,531	2,332,724	2,515,570	2,661,720	2,706,053
Military	964,538	1,060,922	1,142,724	1,218,481	1,292,177	1,376,193	712,055	783,565	865,006	933,519	975,111	1,034,216
State and local	9,983,400	10,542,991	11,371,720	12,333,032	13,671,251	14,734,666	8,656,533	9,119,584	9,831,804	10,653,885	11,832,794	12,734,756

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	New England (Nonmetropolitan portion)						Mideast					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**20,013,406**	**21,442,318**	**23,154,215**	**25,582,767**	**27,610,878**	**30,067,415**	**499,432,173**	**533,797,434**	**570,630,674**	**621,851,463**	**665,292,786**	**711,952,641**
Nonfarm personal income	19,727,475	21,140,673	22,939,854	25,322,919	27,352,950	29,809,352	497,478,270	531,848,333	569,194,612	619,592,575	663,027,314	709,350,427
Farm income[1]	285,931	301,645	214,361	259,848	257,928	258,063	1,953,903	1,949,101	1,436,062	2,258,888	2,265,472	2,602,214
Population (thousands)[2]	2,009.7	2,024.2	2,039.4	2,060.7	2,083.6	2,111.3	42,327.3	42,378.3	42,549.0	42,701.9	42,809.1	43,003.1
Per capita personal income (dollars)	**9,958**	**10,593**	**11,354**	**12,415**	**13,251**	**14,241**	**11,799**	**12,596**	**13,411**	**14,563**	**15,541**	**16,556**
Derivation of total personal income:												
Total earnings by place of work	12,137,728	12,710,609	13,824,644	15,342,418	16,710,328	18,495,350	362,360,864	382,080,238	409,249,334	447,611,221	482,165,526	519,119,600
Less: Personal contributions for social insurance[3]	675,174	719,696	766,969	857,748	976,814	1,086,239	22,074,627	23,695,636	25,708,879	28,448,090	31,927,791	34,671,171
Plus: Adjustment for residence	1,303,048	1,433,947	1,579,879	1,809,202	2,040,798	2,171,074	−5,464,393	−5,580,316	−5,908,011	−6,359,522	−6,454,914	−6,578,739
Equals: Net earnings by place of residence	12,765,602	13,424,860	14,637,554	16,293,872	17,774,312	19,580,185	334,821,844	352,804,286	377,632,444	412,803,609	443,782,821	477,869,690
Plus: Dividends, interest, and rent[5]	3,783,496	4,164,861	4,418,663	5,049,318	5,316,381	5,752,709	84,785,614	92,421,281	97,715,630	110,160,565	116,358,103	123,469,328
Plus: Transfer payments	3,464,308	3,852,597	4,097,998	4,239,577	4,520,185	4,734,521	79,824,715	88,571,867	95,282,600	98,887,289	105,151,862	110,613,623
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,482,559	10,075,521	10,788,729	11,915,181	12,938,500	14,266,703	302,238,835	319,733,346	339,993,632	371,369,925	399,436,115	428,714,545
Other labor income	950,858	1,047,659	1,140,405	1,225,226	1,297,456	1,415,940	30,114,021	33,058,923	34,765,785	36,201,414	37,885,764	39,798,778
Proprietors' income[6]	1,704,311	1,587,429	1,895,510	2,202,011	2,474,372	2,812,707	30,008,008	29,287,969	34,489,917	40,039,882	44,843,647	50,606,277
Farm	207,915	215,273	131,011	177,669	175,035	175,090	1,336,696	1,273,804	791,073	1,628,782	1,626,510	1,960,076
Nonfarm	1,496,396	1,372,156	1,764,499	2,024,342	2,299,337	2,637,617	28,671,312	28,014,165	33,698,844	38,411,100	43,217,137	48,646,201
Earnings by industry:												
Farm	285,931	301,645	214,361	259,848	257,928	258,063	1,953,903	1,949,101	1,436,062	2,258,888	2,265,472	2,602,214
Nonfarm	11,851,797	12,408,964	13,610,283	15,082,570	16,452,400	18,237,287	360,406,961	380,131,137	407,813,272	445,352,333	479,900,054	516,517,386
Private	9,727,443	10,114,976	11,157,389	12,453,224	13,596,223	15,205,420	300,597,532	316,151,587	339,675,737	372,215,080	402,108,915	434,206,286
Agricultural services, forestry, fisheries, and other[7]	103,942*	87,408*	166,247*	138,597	196,276	231,271	1,153,200	1,243,815	1,488,615	1,546,123	1,656,165	1,900,384
Agricultural services	(D)	(D)	(D)	(D)	(D)	91,218*	883,052	978,250	1,110,667	1,174,692	1,222,598	1,417,693
Forestry, fisheries, and other[7]	(D)	25,384*	84,877*	56,861*	(D)	132,305*	270,148	265,565	377,948	371,431	433,567	482,691
Mining	84,384*	77,510*	66,680*	75,579	100,154	103,147	3,142,438	3,011,966	2,635,139	2,833,905	3,270,362	3,169,042
Coal mining	466*	432	578	507	(D)	(D)	1,301,605	1,328,833	1,170,789	1,264,561	1,174,842	1,122,955
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,526,257	1,374,229	1,140,333	1,233,012	1,729,708	1,707,752
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	69,101	53,582	61,003	45,630	44,235	49,510
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	245,475	255,322	263,014	290,702	321,577	288,825
Construction	820,166	883,148	1,029,123	1,262,466	1,469,789	1,803,382	17,088,035	18,400,849	20,326,113	23,498,935	26,293,041	29,814,987
Manufacturing	3,448,931	3,489,939	3,671,149	4,041,008	4,146,794	4,367,055	88,119,013	87,461,591	88,928,491	94,906,093	97,849,351	98,879,343
Nondurable goods	1,356,658*	1,417,238*	1,502,604*	1,565,152*	1,590,134*	1,623,049*	35,590,003	36,985,210	38,753,393	40,843,769	42,312,489	43,246,032
Food and kindred products	(D)	134,090*	133,393*	135,271*	(D)	162,455*	5,592,011	5,808,549	6,091,591	6,395,250	6,719,619	6,976,189
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	1,536,969	1,440,610	1,507,097	1,513,390	1,500,088	1,548,568
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	4,618,845	4,539,125	4,688,231	4,885,799	4,699,517	4,636,016
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,090,374	3,167,276	3,344,391	3,614,736	3,672,316	3,721,146
Printing and publishing	145,409*	157,449*	171,924*	178,806*	204,388*	229,616*	6,893,921	7,375,476	7,894,997	8,564,954	9,307,144	9,863,413
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	8,722,900	9,278,227	9,585,593	10,156,325	10,745,837	11,056,645
Petroleum and coal products	4,828*	5,557*	5,937*	7,791	(D)	(D)	2,136,227	2,396,150	2,481,983	2,287,683	2,236,013	1,949,005
Tobacco manufactures	0	0	0	0	0	0	152,259	170,330	179,741	188,005	186,630	163,577
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	2,179,269	2,176,256	2,350,316	2,629,532	2,690,126	2,803,234
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	667,228	633,211	629,453	608,095	555,199	528,239
Durable goods	2,075,550*	2,055,855*	2,150,348*	2,455,883*	2,536,745*	2,723,358*	52,529,010	50,476,381	50,175,098	54,062,324	55,536,862	55,633,311
Lumber and wood products	330,596*	276,782*	325,317*	370,120*	373,759*	399,037*	767,348	695,688	811,989	931,770	1,022,224	1,151,543
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	869,168	906,726	972,121	1,117,531	1,196,849	1,270,272
Primary metal industries	(D)	94,451*	103,437*	127,734*	105,735*	(D)	9,230,902	7,471,245	6,596,696	6,720,781	6,167,070	5,584,761
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	5,729,306	5,495,215	5,374,245	5,794,734	6,045,016	6,170,839
Machinery, except electrical	411,698*	398,668*	363,562*	416,050*	(D)	(D)	10,258,490	10,135,478	9,845,082	10,695,572	11,153,658	10,972,724
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	9,231,537	9,653,503	10,212,503	11,249,745	11,477,653	11,720,849
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	3,138,517	2,910,114	2,831,172	3,058,655	3,264,814	3,341,403
Motor vehicles and equipment	5,562*	(D)	(D)	(D)	(D)	(D)	2,573,729	2,243,145	2,520,132	3,016,481	3,311,467	3,102,559
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	3,145,686	2,987,649	3,029,506	3,183,137	3,232,695	3,367,433
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	5,647,427	6,105,162	6,020,161	6,093,812	6,531,051	6,720,704
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,936,900	1,872,456	1,961,491	2,200,106	2,134,365	2,230,224
Transportation and public utilities	643,049	654,610	689,752	776,008	827,720	881,459	28,478,674	30,562,121	30,815,563	33,252,823	34,556,744	35,776,230
Railroad transportation	62,380*	57,400*	61,353*	66,048*	63,102*	59,761*	2,346,790	1,968,778	1,704,300	1,811,188	1,792,543	1,703,910
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	233,623*	5,871,289	5,843,364	5,989,233	6,736,864	6,870,194	7,282,433
Water transportation	(D)	(D)	(D)	(D)	(D)	29,311*	1,670,555	1,619,889	1,566,456	1,560,206	1,547,405	1,534,014
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	5,057,564	5,342,381	5,695,557	6,189,857	6,596,280	6,840,976
Communication	(D)	(D)	(D)	(D)	146,097*	151,825*	8,838,707	10,614,386	10,420,194	10,925,304	11,074,237	11,312,458
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	4,693,769	5,173,323	5,439,823	6,029,404	6,676,085	7,102,439
Wholesale trade	445,488	463,864	488,126	536,094	612,867	686,632	25,005,839	26,581,477	27,696,899	30,781,044	33,144,174	35,045,891
Retail trade	1,392,521	1,467,893	1,667,871	1,826,511	2,013,872	2,281,041	30,798,324	32,239,595	35,648,613	38,367,406	41,467,988	45,288,347
Finance, insurance, and real estate	400,035	356,745	449,528	485,636	543,725	715,469	26,894,152	28,565,287	34,566,100	37,487,095	42,120,469	50,554,949
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	9,121,001	10,510,208	11,664,487	12,691,354	13,703,724	15,547,029
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	17,773,151	18,055,079	22,901,613	24,795,741	28,416,745	35,007,920
Services	2,383,500	2,628,924	2,922,552	3,311,325	3,685,026	4,135,964	79,917,857	88,084,886	97,570,204	109,541,656	121,750,621	133,777,113
Hotels and other lodging places	(D)	187,009*	217,690*	243,696*	261,073*	299,202*	2,399,039	2,569,561	2,973,046	3,232,312	3,485,308	3,813,643
Personal services	102,420	(D)	129,786*	142,400*	181,811*	(D)	2,790,512	3,026,812	3,330,600	3,555,385	4,183,584	4,511,919
Private households	(D)	75,702*	79,011*	91,171*	91,973*	95,061*	1,411,043	1,509,214	1,570,599	1,746,975	1,752,067	1,802,080
Business services	230,045	262,008*	322,988*	390,034*	469,704*	543,448*	16,005,571	18,389,567	21,074,074	24,631,033	28,657,402	32,273,015
Auto repair, services, and garages	115,675	111,318	125,065	142,551*	162,057*	181,439*	2,558,966	2,588,832	2,891,338	3,349,186	3,650,212	3,956,085
Miscellaneous repair services	32,953	38,009	51,258	64,844	55,844	60,996*	1,228,934	1,300,561	1,476,900	1,729,950	1,722,821	1,804,266
Amusement and recreation services	(D)	64,615*	64,516*	73,032*	86,456*	97,028*	1,947,890	1,961,069	2,157,002	2,426,811	2,768,266	2,948,791
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	717,671	801,024	851,775	1,137,520	1,377,414	1,428,590
Health services	836,689	939,307	1,026,986	1,111,388	1,211,263	1,336,458	22,923,561	25,994,534	28,566,253	30,984,768	33,734,188	36,741,602
Legal services	105,646	119,234	136,081	169,137	188,473	220,529	6,875,317	8,066,286	9,120,456	10,784,867	11,855,429	13,460,826
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	5,222,784	5,581,660	6,123,813	6,761,550	7,254,055	7,773,109
Social services	86,273*	97,972*	107,774*	126,967*	140,628*	160,311*	2,745,069	2,914,150	3,174,377	3,506,441	3,938,901	4,519,409
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	133,895	149,554	166,277	179,671	197,977	220,854
Membership organizations	(D)	94,929*	102,170*	111,891*	115,240*	119,471*	3,751,434	4,110,993	4,311,014	4,558,044	4,798,014	4,956,848
Miscellaneous services	235,958	230,014*	228,885*	278,709*	348,094	407,120	9,206,171	9,121,069	9,782,680	10,957,143	12,374,983	13,566,076
Government and government enterprises	2,124,354	2,293,988	2,452,894	2,629,346	2,856,177	3,031,867	59,809,429	63,979,550	68,137,535	73,137,253	77,791,139	82,311,100
Federal, civilian	545,004	593,224	635,260	665,237	700,654	689,980	18,117,251	18,843,398	19,691,489	20,995,380	21,989,953	21,925,254
Military	252,483	277,357	277,718	284,962	317,066	341,977	2,483,485	2,764,193	3,054,559	3,233,569	3,435,930	3,587,785
State and local	1,326,867	1,423,407	1,539,916	1,679,147	1,838,457	1,999,910	39,208,693	42,371,959	45,391,487	48,908,304	52,365,256	56,798,061

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Mideast (Metropolitan portion)						Mideast (Nonmetropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**463,751,335**	**496,096,657**	**530,921,099**	**578,871,127**	**619,930,343**	**663,918,144**	**35,680,838**	**37,700,777**	**39,709,575**	**42,980,336**	**45,362,443**	**48,034,497**
Nonfarm personal income	462,480,476	494,844,119	529,924,670	577,389,585	618,429,693	662,255,248	34,997,794	37,004,214	39,269,942	42,202,990	44,597,621	47,095,179
Farm income[1]	1,270,859	1,252,538	996,429	1,481,542	1,500,650	1,662,896	683,044	696,563	439,633	777,346	764,822	939,318
Population (thousands)[2]	38,314.0	38,361.3	38,519.0	38,666.0	38,774.4	38,951.0	4,013.3	4,017.0	4,030.0	4,035.9	4,034.8	4,052.1
Per capita personal income (dollars)	**12,104**	**12,932**	**13,783**	**14,971**	**15,988**	**17,045**	**8,891**	**9,385**	**9,853**	**10,649**	**11,243**	**11,854**
Derivation of total personal income:												
Total earnings by place of work	340,062,294	359,294,883	385,566,023	421,525,247	454,721,053	489,817,405	22,298,570	22,785,355	23,683,311	26,085,974	27,444,473	29,302,195
Less: Personal contributions for social insurance[3]	20,766,973	22,318,917	24,260,357	26,830,244	30,159,594	32,781,863	1,307,654	1,376,719	1,448,522	1,617,846	1,768,197	1,889,308
Plus: Adjustment for residence	−7,609,495	−7,774,597	−8,231,130	−8,935,320	−9,291,292	−9,452,444	2,145,102	2,194,281	2,323,119	2,575,798	2,836,378	2,873,705
Equals: Net earnings by place of residence	311,685,826	329,201,369	353,074,536	385,759,683	415,270,167	447,583,098	23,136,018	23,602,917	24,557,908	27,043,926	28,512,654	30,286,592
Plus: Dividends, interest, and rent[5]	79,313,885	86,335,588	91,217,291	103,037,596	108,818,241	115,467,314	5,471,729	6,085,693	6,498,339	7,122,969	7,539,862	8,002,014
Plus: Transfer payments	72,751,624	80,559,700	86,629,272	90,073,848	95,841,935	100,867,732	7,073,091	8,012,167	8,653,328	8,813,441	9,309,927	9,745,891
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	284,693,444	301,707,189	321,280,087	351,026,834	378,020,416	406,049,933	17,545,391	18,026,157	18,713,545	20,343,091	21,415,699	22,664,612
Other labor income	28,191,798	31,041,540	32,688,103	34,028,193	35,655,699	37,465,552	1,922,223	2,017,383	2,077,682	2,173,221	2,230,065	2,333,226
Proprietors' income[6]	27,177,052	26,546,154	31,597,833	36,470,220	41,044,938	46,301,920	2,830,956	2,741,815	2,892,084	3,569,662	3,798,709	4,304,357
Farm	866,996	812,915	576,451	1,071,313	1,084,894	1,245,127	469,700	460,889	214,622	557,469	541,616	714,949
Nonfarm	26,310,056	25,733,239	31,021,382	35,398,907	39,960,044	45,056,793	2,361,256	2,280,926	2,677,462	3,012,193	3,257,093	3,589,408
Earnings by industry:												
Farm	1,270,859	1,252,538	996,429	1,481,542	1,500,650	1,662,896	683,044	696,563	439,633	777,346	764,822	939,318
Nonfarm	338,791,435	358,042,345	384,569,594	420,043,705	453,220,403	488,154,509	21,615,526	22,088,792	23,243,678	25,308,628	26,679,651	28,362,877
Private	282,880,362	298,246,289	320,858,535	351,617,909	380,515,560	411,244,054	17,717,170	17,905,298	18,817,202	20,597,171	21,593,355	22,962,232
Agricultural services, forestry, fisheries, and other[7]	1,049,973	1,138,551*	1,336,354*	1,402,780*	1,470,761*	1,693,326*	101,601*	99,168*	145,120*	135,920*	141,201	156,186
Agricultural services	743,639*	876,143*	990,561*	1,057,013*	1,091,787*	1,282,786*	82,169*	89,487*	104,767*	(D)	(D)	(D)
Forestry, fisheries, and other[7]	250,389*	257,161*	338,946*	341,140*	392,249*	435,929*	(D)	(D)	34,243*	(D)	(D)	(D)
Mining	2,262,353	2,053,541*	1,784,182*	1,925,456*	2,364,262*	2,329,481*	871,110*	912,997*	812,116*	878,128*	862,127*	796,247*
Coal mining	687,506*	664,419*	565,466*	613,082*	581,351*	549,546*	607,598*	614,394*	561,281*	632,995*	578,890*	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	16,109,073	17,386,369	19,192,108	22,178,781	24,386,816*	27,652,082*	978,962	1,014,480	1,134,005	1,317,488*	1,429,830*	1,603,366*
Manufacturing	81,105,907	80,746,120	82,089,696	87,397,617	90,235,203	91,013,193	7,013,106	6,715,471	6,838,795	7,508,476	7,614,148	7,866,150
Nondurable goods	33,291,356*	34,628,588*	36,266,720*	38,217,203	39,666,834	40,507,356	2,275,560*	2,335,811*	2,463,910*	2,572,708*	2,588,164*	2,685,858*
Food and kindred products	4,724,700*	5,059,905*	5,266,473*	5,487,847*	5,737,812*	5,899,219*	(D)	547,242*	571,072*	619,990*	656,469*	681,593*
Textile mill products	1,271,278*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	4,219,084*	4,151,936*	4,282,533*	4,496,077*	4,320,193*	4,205,716*	(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	6,682,482*	7,143,599*	7,636,468*	8,303,559*	9,027,065*	9,558,721*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	7,840,196*	8,357,482*	8,658,946*	9,168,266*	9,688,695*	9,978,626*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,860,843*	2,096,873*	2,221,087*	2,033,440*	2,100,325*	1,777,073*	143,057*	143,385*	143,328*	133,341*	133,014*	127,218*
Tobacco manufactures	150,169*	167,946*	177,772*	185,771*	184,329*	163,245	1,304	949	580	519	515	332
Rubber and misc. plastic products	(D)	(D)	(D)	2,181,802*	2,285,980*	(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	47,812,580*	46,100,203*	45,803,318*	49,180,414	50,568,369	50,505,837	4,648,028*	4,330,190*	4,329,864*	4,788,383*	4,866,979*	5,074,856*
Lumber and wood products	(D)	(D)	(D)	570,649*	(D)	723,515*	233,555*	193,329*	229,624*	279,448*	304,810*	334,674*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,009,046*	4,640,259*	4,554,536*	4,984,236*	5,032,666*	5,172,009*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	8,912,973*	8,818,167*	8,599,216*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,469,971*	(D)	(D)	(D)	(D)	(D)	96,167*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	2,252,129*	2,383,844*	2,433,452*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	5,398,080*	6,015,205*	6,186,413*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,703,877*	1,664,022*	1,733,830*	1,954,588*	1,904,996*	1,980,496*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	26,952,335	28,899,189*	29,122,158*	31,497,926	32,350,695*	33,332,352*	1,526,339	1,579,842	1,599,475	1,754,897	1,768,655	1,851,289*
Railroad transportation	2,024,807*	1,733,516*	1,502,189*	1,666,739*	1,672,590*	(D)	129,537*	(D)	(D)	95,014*	76,576*	90,705*
Trucking and warehousing	4,989,799*	4,915,328*	5,033,275*	5,872,922*	6,172,804*	6,578,501*	582,383*	542,986*	548,308*	626,115*	(D)	609,484*
Water transportation	(D)	1,531,165*	1,468,553*	1,448,523*	1,420,243*	1,379,721*	(D)	8,035*	10,089*	(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	24,199,233	25,719,402*	26,830,402*	29,867,935	32,164,247	34,016,333	806,606	833,041*	836,682*	904,049*	979,927	1,029,558
Retail trade	28,528,653	29,893,145	33,076,373	35,655,606	38,560,882	42,129,324	2,269,671	2,346,450	2,572,240	2,711,800	2,907,106	3,159,023
Finance, insurance, and real estate	26,300,711	27,964,459*	33,837,947*	36,789,279	41,386,908	49,650,882	593,441	540,694	659,023	697,816	733,561	901,079*
Banking and credit agencies	8,680,169*	10,037,052*	11,138,366*	11,987,260*	13,197,009*	14,906,257*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	17,149,485*	17,703,074*	22,419,332*	24,159,417*	27,721,440*	33,993,169*	(D)	(D)	(D)	(D)	(D)	(D)
Services	76,372,124	84,242,821	93,370,190	104,875,447	116,386,175*	127,851,757*	3,545,733	3,842,065	4,200,014	4,666,209	5,130,928	5,508,480*
Hotels and other lodging places	2,024,361*	2,140,915*	2,491,301*	2,760,503*	3,034,559*	3,372,916*	(D)	206,886*	222,413*	229,915*	245,429*	252,226*
Personal services	2,620,697	2,781,647*	3,060,707*	3,284,049*	3,834,235*	4,130,337*	169,815	190,854	210,903	220,070*	276,553*	297,147*
Private households	1,231,387*	1,376,571*	1,432,466*	1,615,935*	1,620,635*	1,666,357*	(D)	81,375*	(D)	94,871*	95,112*	102,385*
Business services	15,765,926	18,105,443	20,753,822	24,248,513	28,139,816*	31,678,503*	239,645	282,808*	318,383*	382,520	476,932	545,282
Auto repair, services, and garages	2,341,182	2,389,532	2,661,396	3,001,466*	3,273,077*	3,547,621*	217,784	199,300	229,942	269,839	286,664	304,062
Miscellaneous repair services	1,161,263*	1,208,377*	1,359,227*	1,583,988*	1,590,989*	1,661,600*	65,166	(D)	(D)	(D)	(D)	(D)
Amusement and recreation services	1,865,853*	1,885,780*	2,076,543*	2,338,103	2,665,986	2,842,698	71,809*	70,487*	75,569*	80,736*	94,279*	99,224*
Motion pictures	680,763*	775,326*	825,141*	1,096,425*	1,325,642*	1,368,682*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	21,543,359	24,408,793	26,845,293	29,129,779	31,736,931	34,581,593	1,380,202	1,585,741	1,720,960	1,854,989	1,997,257	2,160,009
Legal services	6,736,610	7,910,786	8,948,136	10,580,743	11,633,417	13,212,788	138,707	155,500	172,320	203,679*	222,012	247,608*
Educational services	4,874,124*	4,999,937*	5,488,514*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	2,545,205*	2,750,014*	2,995,649*	3,303,804*	3,708,981*	4,257,993*	141,848*	153,586*	167,277*	189,389*	216,513*	244,418*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	200,745*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,521,334*	3,860,509	4,047,868	4,281,193	4,509,521	4,670,104	212,564*	243,014*	255,290*	271,951*	283,421*	284,401*
Miscellaneous services	8,803,472*	8,540,116*	9,166,991*	10,654,223	12,015,276	13,159,629	278,764	229,835	250,505	302,920	359,707	406,447
Government and government enterprises	55,911,073	59,796,056	63,711,059	68,425,796	72,704,843	76,910,455	3,898,356	4,183,494	4,426,476	4,711,457	5,086,296	5,400,645
Federal, civilian	17,473,157	18,181,471	19,011,173	20,277,404	21,206,316	21,143,655	644,094	661,927	680,316	717,976	783,637	781,599
Military	2,204,882	2,454,593	2,710,706	2,874,877	3,047,146	3,148,099	278,603	309,600	343,853	358,692	388,784	439,686
State and local	36,233,034	39,159,992	41,989,180	45,273,515	48,451,381	52,618,701	2,975,659	3,211,967	3,402,307	3,634,789	3,913,875	4,179,360

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Great Lakes						Great Lakes (Metropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**456,410,249**	**469,844,456**	**493,266,222**	**539,149,267**	**571,102,699**	**603,336,108**	**368,930,341**	**380,086,896**	**400,085,124**	**435,880,899**	**463,579,260**	**490,286,609**
Nonfarm personal income	450,765,011	465,540,361	492,183,949	533,810,941	565,608,481	597,285,837	366,993,763	378,528,847	399,576,028	434,074,259	461,610,583	488,223,467
Farm income[1]	5,645,238	4,304,095	1,082,273	5,338,326	5,494,218	6,050,271	1,936,578	1,558,049	509,096	1,806,640	1,968,677	2,063,142
Population (thousands)[2]	41,711.3	41,606.6	41,515.0	41,586.9	41,649.5	41,737.7	32,206.3	32,126.2	32,047.8	32,104.0	32,161.5	32,256.3
Per capita personal income (dollars)	**10,942**	**11,293**	**11,882**	**12,964**	**13,712**	**14,455**	**11,455**	**11,831**	**12,484**	**13,577**	**14,414**	**15,200**
Derivation of total personal income:												
Total earnings by place of work	336,266,330	337,195,042	351,564,043	389,998,417	416,428,306	441,258,252	282,632,907	284,073,925	297,686,296	328,023,191	351,941,458	373,219,512
Less: Personal contributions for social insurance[3]	19,834,332	20,782,502	21,572,892	23,867,462	26,691,606	28,493,070	16,847,764	17,631,827	18,310,393	20,250,883	22,739,743	24,319,213
Plus: Adjustment for residence	1,389,545	1,169,600	1,185,310	1,396,405	1,524,203	1,513,628	−5,464,723	−5,193,703	−5,582,483	−6,128,125	−6,537,951	−6,893,709
Equals: Net earnings by place of residence	317,821,543	317,582,140	331,176,461	367,527,360	391,260,903	414,278,810	260,320,420	261,248,395	273,793,420	301,644,183	322,663,764	342,006,590
Plus: Dividends, interest, and rent[5]	72,150,616	77,496,125	82,247,982	90,307,789	94,075,718	98,767,746	57,249,802	61,189,830	64,729,898	71,481,988	74,727,223	78,510,212
Plus: Transfer payments	66,438,090	74,766,191	79,841,779	81,314,118	85,766,078	90,289,552	51,360,119	57,648,671	61,561,806	62,754,728	66,188,273	69,769,807
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	276,681,736	279,295,673	291,173,921	319,646,721	341,278,728	360,177,944	236,326,673	238,367,467	248,496,785	272,921,096	292,619,177	309,347,921
Other labor income	30,468,120	31,406,834	32,885,038	34,860,908	36,411,298	38,132,030	26,114,730	26,882,157	28,123,428	29,780,188	31,218,952	32,736,855
Proprietors' income[6]	29,116,474	26,492,535	27,505,084	35,490,788	38,738,280	42,948,278	20,191,504	18,824,301	21,066,083	25,321,907	28,103,329	31,134,736
Farm	4,635,683	3,172,912	−5,884	4,268,128	4,407,587	4,956,927	1,531,882	1,106,847	75,478	1,380,204	1,535,811	1,627,430
Nonfarm	24,480,791	23,319,623	27,510,968	31,222,660	34,330,693	37,991,351	18,659,622	17,717,454	20,990,605	23,941,703	26,567,518	29,507,306
Earnings by industry:												
Farm	5,645,238	4,304,095	1,082,273	5,338,326	5,494,218	6,050,271	1,936,578	1,558,049	509,096	1,806,640	1,968,677	2,063,142
Nonfarm	330,621,092	332,890,947	350,481,770	384,660,091	410,934,088	435,207,981	280,696,329	282,515,876	297,177,200	326,216,551	349,972,781	371,156,370
Private	288,010,990	287,130,107	302,427,809	333,675,125	356,962,015	377,875,190	245,503,267	244,831,056	257,675,387	284,330,832	305,661,672	324,095,526
Agricultural services, forestry, fisheries, and other[7]	1,030,699	1,053,704	1,314,122	1,348,932	1,289,199	1,458,811	722,729*	762,681	902,635	938,479*	947,509*	1,081,029*
Agricultural services	982,925	1,049,725	1,196,814	1,238,808	1,216,523	1,370,620	669,498*	734,996*	842,194*	853,246*	883,521*	1,024,172*
Forestry, fisheries, and other[7]	47,774	3,979	117,308	110,124	72,676	88,191	(D)	(D)	35,283*	30,477*	(D)	29,898*
Mining	3,494,219	3,420,797	3,164,892	3,446,878	3,729,212	3,500,578	1,614,396*	1,465,656*	1,354,074*	1,480,779	1,789,225	1,753,904*
Coal mining	1,270,911	1,477,307	1,363,651	1,525,380	1,483,408	1,394,410	301,482*	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	1,585,038	1,430,741	1,293,595	1,368,144	1,670,271	1,534,647	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	193,936	102,525	91,549	95,684	94,563	114,909	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	444,334	410,224	416,097	457,670	480,970	456,612	(D)	(D)	(D)	(D)	(D)	(D)
Construction	17,295,708	16,837,645	17,266,386	19,420,172	21,114,249	23,061,715	14,285,255*	13,546,029*	13,927,460*	15,814,182*	17,321,867*	19,210,706*
Manufacturing	115,513,762	108,951,964	112,077,074	125,648,237	131,993,128	134,616,608	98,452,683	92,757,151	94,895,323	106,021,918	111,809,835	113,600,842
Nondurable goods	29,616,092	30,564,822	32,050,316	34,479,440	36,153,439	37,599,886	24,370,373*	25,176,165	26,241,466	28,166,674	29,515,306	30,647,191*
Food and kindred products	7,183,996	7,466,028	7,532,390	7,707,510	7,842,295	8,078,760	5,625,927*	5,609,111*	5,599,715*	5,773,535*	5,815,232*	5,918,050*
Textile mill products	243,501	248,128	279,114	289,000	297,351	303,423	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,109,282	1,096,682	1,194,605	1,352,569	1,460,182	1,536,559	793,418*	(D)	(D)	(D)	(D)	(D)
Paper and allied products	3,654,102	3,759,015	3,973,820	4,302,325	4,512,531	4,787,518	2,562,529*	2,587,497*	2,722,116*	2,995,993*	3,103,510*	3,272,629*
Printing and publishing	5,333,910	5,630,374	6,013,158	6,514,147	6,983,876	7,291,666	4,534,937*	4,782,649*	5,098,301*	5,501,836*	5,899,183*	6,142,017*
Chemicals and allied products	5,897,583	6,248,464	6,450,108	6,883,413	7,263,424	7,615,988	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,114,313	1,103,101	1,126,833	1,139,909	1,203,053	1,242,093	983,365*	978,685*	999,012*	1,003,652*	1,078,386*	1,121,350*
Tobacco manufactures	15,678	15,606	16,754	18,430	17,114	3,266	13,743*	12,399*	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	4,658,621	4,591,680	5,050,532	5,874,416	6,201,201	6,391,239	(D)	(D)	(D)	4,061,388*	(D)	(D)
Leather and leather products	405,106	405,744	413,002	397,721	372,412	349,374	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	85,897,670	78,387,142	80,026,758	91,168,797	95,839,689	97,016,722	74,078,592*	67,580,986	68,653,857	77,855,244	82,294,529	82,951,688*
Lumber and wood products	1,306,391	1,196,572	1,389,685	1,537,593	1,658,201	1,812,586	672,234*	(D)	(D)	765,441*	(D)	917,232*
Furniture and fixtures	1,630,892	1,608,565	1,726,921	1,960,478	2,080,488	2,189,125	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	13,073,633	10,856,290	10,385,668	11,392,144	11,053,642	10,702,491	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	12,134,194	11,108,784	11,645,597	13,290,357	14,330,091	14,575,148	10,165,902*	8,835,931*	9,134,417*	10,664,017*	11,756,596*	11,950,719*
Machinery, except electrical	20,163,792	17,754,163	16,011,078	18,445,685	19,226,955	19,102,660	(D)	13,531,054*	12,216,442*	(D)	14,680,394*	14,577,981*
Electric and electronic equipment	9,800,356	9,456,488	9,739,370	10,841,082	10,976,117	11,072,771	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	3,667,687	3,557,299	3,684,674	4,196,969	4,502,159	4,853,757	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	17,561,110	16,464,661	18,829,327	22,212,725	24,494,897	24,960,824	16,257,221*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,267,623	3,095,147	3,158,409	3,417,310	3,516,497	3,584,673	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	1,926,942	1,935,321	2,122,160	2,381,732	2,556,981	2,665,997	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,365,050	1,353,852	1,333,869	1,492,722	1,443,661	1,496,690	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	23,190,130	23,902,726	24,552,344	26,429,905	27,452,866	28,712,688	19,074,961*	19,512,592*	20,021,103*	21,483,770*	22,551,136*	23,624,206*
Railroad transportation	2,858,730	2,647,593	2,515,252	2,613,061	2,461,187	2,354,417	2,055,684*	1,852,048*	1,773,070*	1,972,864*	1,846,236*	1,713,405*
Trucking and warehousing	7,202,365	6,988,666	7,169,540	8,195,825	8,333,701	8,634,056	5,751,950*	5,576,000*	5,676,276*	6,463,571*	6,683,472	6,787,220*
Water transportation	267,160	242,383	247,523	272,120	274,051	281,346	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	2,637,209	2,852,110	3,057,273	3,370,222	3,702,613	4,131,321	(D)	(D)	(D)	(D)	(D)	(D)
Communication	5,604,199	6,013,861	6,168,447	6,243,876	6,537,314	6,882,056	(D)	(D)	(D)	5,072,593*	5,313,180*	5,635,311*
Electric, gas, and sanitary services	4,620,467	5,158,113	5,394,309	5,734,801	6,144,000	6,429,492	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	21,710,249	22,111,798	22,378,983	25,018,763	26,762,904	28,180,981	19,352,195*	19,725,635*	20,012,226*	22,478,832*	24,131,725*	25,480,519*
Retail trade	30,934,822	31,234,323	33,573,034	35,625,131	37,866,657	40,566,788	25,614,182	25,928,312	27,831,340	29,668,891	31,604,467	33,865,144
Finance, insurance, and real estate	16,653,051	17,160,939	19,474,927	20,768,082	22,683,841	26,181,640	15,047,120	15,595,847	17,744,233	18,946,484*	20,786,045*	24,037,745
Banking and credit agencies	6,057,604	6,614,290	7,058,934	7,615,997	8,065,269	8,802,089	5,084,476*	5,366,665*	5,722,466*	5,980,316*	6,440,375*	7,214,834*
Other finance, insurance, and real estate[9]	10,595,447	10,546,649	12,415,993	13,152,085	14,618,572	17,379,551	9,765,141*	9,537,114*	11,214,797*	(D)	12,686,644*	15,411,343*
Services	58,188,350	62,456,211	68,626,047	75,969,025	84,069,959	91,595,381	50,632,956*	54,540,141*	59,968,192*	66,533,799*	73,798,571*	80,568,259*
Hotels and other lodging places	1,244,209	1,235,395	1,387,804	1,436,494	1,442,544	1,607,000	941,491*	981,750*	1,112,257*	1,148,099*	1,151,867*	1,288,954*
Personal services	2,892,437	3,062,088	3,275,616	3,448,234	4,079,430	4,370,707	2,400,488	2,531,198	2,707,322	2,844,788*	3,326,777*	3,552,933*
Private households	739,200	786,573	813,296	901,483	902,461	925,358	543,555*	619,383*	640,453*	712,046*	712,803*	729,624*
Business services	9,033,274	10,220,057	12,082,932	14,308,954	17,346,299	19,735,472	8,289,786*	9,335,007*	11,020,382*	13,077,637	15,887,004	18,129,774
Auto repair, services, and garages	2,377,266	2,319,422	2,581,484	3,008,687	3,286,016	3,518,102	1,935,078	1,917,655	2,122,063	2,474,137	2,712,065	2,906,813
Miscellaneous repair services	1,036,450	1,041,933	1,210,508	1,408,194	1,358,074	1,437,147	878,304	876,057*	996,370*	1,153,859*	1,139,207*	1,208,341*
Amusement and recreation services	1,232,149	1,273,201	1,384,713	1,540,874	1,696,517	1,805,512	(D)	1,055,884*	1,153,448*	1,286,095*	1,441,149*	1,568,107*
Motion pictures	209,380	238,373	259,669	369,029	425,041	458,861	(D)	(D)	(D)	(D)	(D)	(D)
Health services	21,725,545	24,142,304	25,896,296	27,202,500	28,773,392	30,888,886	18,871,250	20,965,391	22,504,948	23,667,645	25,040,199	26,864,155
Legal services	3,820,485	4,345,921	4,873,231	5,707,630	6,254,651	6,971,387	3,495,663	3,995,107	4,491,479	5,263,365	5,771,889	6,445,969
Educational services	2,368,535	2,582,952	2,770,223	3,051,847	3,253,490	3,441,607	(D)	(D)	(D)	2,457,295*	(D)	(D)
Social services	1,652,179	1,747,290	1,893,280	2,074,569	2,305,482	2,528,347	1,358,135*	1,442,254*	1,561,780*	1,721,622*	1,932,162*	2,132,587*
Museums, botanical, zoological gardens	85,862	94,864	102,733	107,720	116,861	129,237	(D)	(D)	(D)	(D)	102,683*	113,835*
Membership organizations	3,143,359	3,367,560	3,529,303	3,673,896	3,815,638	3,946,822	2,593,372*	2,812,338*	2,949,192*	3,064,770*	3,198,239*	3,320,799*
Miscellaneous services	6,628,020	5,998,278	6,564,959	7,728,914	9,014,063	9,830,936	5,924,664*	5,485,366	5,995,169	7,063,393	8,237,145	8,983,883
Government and government enterprises	42,610,102	45,760,840	48,053,961	50,984,966	53,972,073	57,332,791	35,193,062	37,684,820	39,501,813	41,885,719	44,311,109	47,060,844
Federal, civilian	7,265,079	7,581,960	8,049,134	8,478,617	8,929,576	8,982,385	6,337,266	6,606,152	7,024,725	7,390,308	7,790,788	7,833,611
Military	1,590,834	1,747,688	1,886,888	2,055,740	2,272,458	2,423,627	1,319,302	1,441,913	1,534,115	1,681,508	1,868,298	1,996,169
State and local	33,754,189	36,431,192	38,117,939	40,450,609	42,770,039	45,926,779	27,536,494	29,636,755	30,942,973	32,813,903	34,652,023	37,231,064

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Great Lakes (Nonmetropolitan portion)						Plains					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**87,479,908**	**89,757,560**	**93,181,098**	**103,268,368**	**107,523,439**	**113,049,499**	**184,542,926**	**192,721,979**	**200,485,202**	**220,092,703**	**232,754,275**	**246,171,771**
Nonfarm personal income	83,771,248	87,011,514	92,607,921	99,736,682	103,997,898	109,062,370	176,324,138	186,890,326	197,908,386	213,075,731	224,100,502	235,392,036
Farm income[1]	3,708,660	2,746,046	573,177	3,531,686	3,525,541	3,987,129	8,218,788	5,831,653	2,576,816	7,016,972	8,653,773	10,779,735
Population (thousands)[2]	9,504.9	9,480.4	9,467.2	9,482.9	9,488.0	9,481.4	17,295.2	17,350.8	17,421.6	17,513.2	17,556.3	17,576.5
Per capita personal income (dollars)	**9,204**	**9,468**	**9,842**	**10,890**	**11,333**	**11,923**	**10,670**	**11,107**	**11,508**	**12,567**	**13,258**	**14,006**
Derivation of total personal income:												
Total earnings by place of work	53,633,423	53,121,117	53,877,747	61,975,226	64,486,848	68,038,740	134,697,552	136,585,504	140,873,560	157,914,841	168,384,281	178,766,896
Less: Personal contributions for social insurance[3]	2,986,568	3,150,675	3,262,499	3,616,579	3,951,863	4,173,857	7,772,432	8,367,994	8,695,147	9,554,256	10,591,089	11,239,168
Plus: Adjustment for residence	6,854,268	6,363,303	6,767,793	7,524,530	8,062,154	8,407,337	−1,210,313	−1,076,276	−1,198,137	−1,373,540	−1,522,126	−1,577,641
Equals: Net earnings by place of residence	57,501,123	56,333,745	57,383,041	65,883,177	68,597,139	72,272,220	125,714,807	127,141,234	130,980,276	146,987,045	156,271,066	165,950,087
Plus: Dividends, interest, and rent[5]	14,900,814	16,306,295	17,518,084	18,825,801	19,348,495	20,257,534	33,347,236	37,162,197	38,981,348	41,664,920	43,101,214	44,882,882
Plus: Transfer payments	15,077,971	17,117,520	18,279,973	18,559,390	19,577,805	20,519,745	25,480,883	28,418,548	30,523,578	31,440,738	33,381,995	35,338,802
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	40,355,063	40,928,206	42,677,136	46,725,625	48,659,551	50,830,023	104,070,371	107,904,549	113,223,221	123,353,699	130,241,727	136,341,370
Other labor income	4,353,390	4,524,677	4,761,610	5,080,720	5,192,346	5,395,175	10,218,059	11,048,357	11,670,174	12,224,512	12,726,630	13,262,944
Proprietors' income[6]	8,924,970	7,668,234	6,439,001	10,168,881	10,634,951	11,813,542	20,409,122	17,632,598	15,980,165	22,336,630	25,415,924	29,162,582
Farm	3,103,801	2,066,065	−81,362	2,887,924	2,871,776	3,329,497	7,064,545	4,609,449	1,397,843	5,858,395	7,478,503	9,598,072
Nonfarm	5,821,169	5,602,169	6,520,363	7,280,957	7,763,175	8,484,045	13,344,577	13,023,149	14,582,322	16,478,235	17,937,421	19,564,510
Earnings by industry:												
Farm	3,708,660	2,746,046	573,177	3,531,686	3,525,541	3,987,129	8,218,788	5,831,653	2,576,816	7,016,972	8,653,773	10,779,735
Nonfarm	49,924,763	50,375,071	53,304,570	58,443,540	60,961,307	64,051,611	126,478,764	130,753,851	138,296,744	150,897,869	159,730,508	167,987,161
Private	42,507,723	42,299,051	44,752,422	49,344,293	51,300,343	53,779,664	106,806,477	109,651,348	115,894,455	127,005,750	134,199,778	141,217,341
Agricultural services, forestry, fisheries, and other[7]	305,272*	282,118*	398,054*	386,840*	331,208*	365,962*	721,041	763,576	923,521	890,597	767,366	854,476
Agricultural services	(D)	268,142*	303,753*	297,801*	275,559*	299,071*	700,320	763,401	864,796	836,790	728,405	804,547
Forestry, fisheries, and other[7]	(D)	(D)	76,798*	(D)	(D)	50,494*	20,721	175	58,725	53,807	38,961	49,929
Mining	1,699,030*	1,860,655*	1,737,006*	1,898,358*	1,878,280*	1,657,783*	2,003,703	1,769,685	1,549,555	1,686,337	1,775,728	1,493,641
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	122,771	144,531	148,737	184,342	198,827	183,812
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,103,466	1,028,340	861,750	912,078	998,986	809,202
Metal mining	(D)	(D)	(D)	88,829*	83,434*	(D)	586,693	406,778	330,940	353,378	333,523	286,430
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	190,773	190,036	208,128	236,539	244,392	214,197
Construction	2,997,004*	2,995,365*	3,098,460*	3,457,224*	3,623,512*	3,718,912*	8,099,976	8,011,565	8,502,317	9,584,510	10,063,862	10,926,342
Manufacturing	17,058,201*	16,194,603*	17,181,457*	19,626,050*	20,183,098*	21,015,564*	29,618,626	29,468,521	30,606,364	33,965,986	35,238,853	36,373,161
Nondurable goods	5,094,129*	5,151,118*	5,570,653*	6,027,878*	6,348,775*	6,669,608*	11,508,281	11,924,181	12,467,618	13,199,104	13,739,299	14,358,320
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	4,465,483	4,613,464	4,693,497	4,718,186	4,836,240	5,069,926
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	76,177	72,927	77,155	74,510	77,901	79,794
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	484,302	464,965	480,891	510,749	512,697	511,752
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,377,835	1,477,160	1,610,390	1,762,469	1,843,932	1,941,325
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	2,137,279	2,280,169	2,438,999	2,682,577	2,879,010	3,046,459
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,438,931	1,542,682	1,593,653	1,715,972	1,829,235	1,903,280
Petroleum and coal products	120,925*	119,319*	124,046*	128,397*	118,997*	112,499*	327,583	314,185	283,825	261,935	279,163	284,642
Tobacco manufactures	(D)	1,830	1,097	1,136	982	928	230	64	186	236	351	552
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	893,127	860,139	971,579	1,152,547	1,169,674	1,223,412
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	307,334	298,426	317,443	319,923	311,096	297,178
Durable goods	11,578,496*	10,609,381*	11,158,066*	13,072,463*	13,187,978*	13,848,547*	18,110,345	17,544,340	18,138,746	20,766,882	21,499,554	22,014,841
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	601,904	555,218	616,800	699,519	748,262	838,437
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	346,002	349,458	401,357	453,783	480,849	520,308
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	971,596	886,430	862,426	1,028,194	971,523	987,546
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,325,050	2,317,698	2,373,299	2,578,614	2,691,141	2,685,418
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	5,596,627	5,200,630	5,079,181	5,861,413	5,935,633	5,721,760
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,524,490	2,451,818	2,544,449	2,862,512	3,028,055	3,012,458
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,401,789	2,264,921	2,247,095	2,527,281	2,637,513	2,918,773
Motor vehicles and equipment	809,087*	(D)	(D)	(D)	(D)	(D)	1,133,947	1,174,549	1,495,941	2,062,613	2,236,682	2,315,531
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	851,019	797,818	854,985	907,737	906,591	938,149
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	929,734	1,120,449	1,221,344	1,318,113	1,378,252	1,578,520
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	428,187	425,351	441,869	467,103	485,053	497,941
Transportation and public utilities	3,696,437*	3,777,694*	3,866,292*	4,242,659*	4,174,608*	4,424,298*	11,847,476	12,376,102	12,900,304	13,919,404	14,262,770	14,544,133
Railroad transportation	(D)	560,683*	523,368*	542,545*	526,170*	554,303*	2,160,402	2,121,220	2,145,773	2,257,253	2,100,394	1,985,317
Trucking and warehousing	1,271,298*	1,256,782*	1,325,228*	1,590,981*	1,585,970*	1,625,289*	3,649,997	3,711,997	3,733,109	4,264,937	4,232,558	4,389,995
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	129,976	94,869	109,079	128,902	117,438	124,137
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,620,435	1,709,087	1,911,956	2,005,516	2,246,967	2,259,378
Communication	(D)	(D)	(D)	(D)	(D)	(D)	2,513,788	2,760,497	2,896,432	2,920,765	3,057,627	3,174,718
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	1,772,878	1,978,432	2,103,955	2,342,031	2,507,786	2,610,588
Wholesale trade	2,341,220*	2,344,856*	2,324,984*	2,514,686*	2,618,916*	2,672,787*	10,601,970	10,836,282	10,626,487	11,612,677	12,118,652	12,351,172
Retail trade	5,320,640	5,306,011	5,741,694	5,956,240	6,262,190	6,701,644	13,399,989	13,726,118	14,712,355	15,629,839	16,471,530	17,248,780
Finance, insurance, and real estate	1,594,251*	1,558,363*	1,723,688*	1,807,852*	1,890,799*	2,143,621*	7,121,031	7,322,035	8,339,541	8,987,454	9,818,735	11,179,458
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	2,636,715	2,908,151	3,161,947	3,389,840	3,602,515	3,891,245
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	4,484,316	4,413,884	5,177,594	5,597,614	6,216,220	7,288,213
Services	7,109,137*	7,514,758*	8,226,913*	9,006,686*	9,776,995*	10,531,065*	23,392,665	25,377,464	27,734,011	30,728,946	33,682,282	36,246,178
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	685,448	664,358	750,357	773,428	784,316	824,989
Personal services	491,350*	522,965*	560,499*	584,085*	716,801*	775,298*	1,343,441	1,425,516	1,540,390	1,655,911	2,015,301	2,154,835
Private households	143,924*	159,602*	165,007*	181,659*	181,273*	185,427*	333,220	356,331	370,631	411,986	412,848	422,861
Business services	719,854*	856,098*	1,030,414*	1,201,096*	1,391,948*	1,591,393*	3,519,237	4,127,153	4,703,022	5,606,323	6,555,028	7,231,862
Auto repair, services, and garages	437,453*	396,736*	454,034*	533,921*	573,297*	610,545*	1,205,865	1,176,356	1,329,960	1,568,341	1,681,326	1,783,481
Miscellaneous repair services	151,858*	157,863*	201,114*	242,475*	206,457*	214,641*	523,536	529,809	647,837	738,542	635,050	677,414
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	475,343	502,749	558,036	624,020	702,632	745,502
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	79,961	90,774	97,038	138,931	169,279	181,010
Health services	2,819,556*	3,164,756*	3,377,612*	3,534,855	3,733,193	4,015,717*	8,566,013	9,723,469	10,419,497	10,920,689	11,703,329	12,505,114
Legal services	321,151*	350,746*	381,656*	443,603*	482,086*	524,727*	1,384,911	1,580,655	1,812,840	2,181,659	2,406,334	2,655,063
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	993,248	1,063,004	1,158,048	1,276,436	1,360,709	1,457,675
Social services	(D)	(D)	(D)	(D)	(D)	(D)	804,921	818,051	898,008	1,005,369	1,087,610	1,175,783
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	20,278	20,398	22,279	25,625	31,164	37,162
Membership organizations	459,787*	533,587*	557,161*	582,162*	596,920*	606,271*	1,134,014	1,207,820	1,268,879	1,332,936	1,378,763	1,415,409
Miscellaneous services	640,366*	511,141*	567,996*	663,804*	775,503*	845,410*	2,323,229	2,091,021	2,157,189	2,468,750	2,758,593	2,978,018
Government and government enterprises	7,417,040	8,076,020	8,552,148	9,099,247	9,660,964	10,271,947	19,672,287	21,102,503	22,402,289	23,892,119	25,530,730	26,769,820
Federal, civilian	927,813	975,808	1,024,409	1,088,309	1,138,788	1,148,774	3,862,319	4,042,793	4,344,134	4,574,077	4,849,371	4,896,121
Military	271,532	305,775	352,773	374,232	404,160	427,458	1,445,875	1,622,945	1,746,236	1,838,655	1,960,968	2,071,737
State and local	6,217,695	6,794,437	7,174,966	7,636,706	8,118,016	8,695,715	14,364,093	15,436,765	16,311,919	17,479,387	18,720,391	19,801,962

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Plains (Metropolitan portion)						Plains (Nonmetropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**109,897,204**	**116,344,542**	**122,950,660**	**134,120,841**	**142,904,183**	**151,369,595**	**74,645,722**	**76,377,437**	**77,534,542**	**85,971,862**	**89,850,092**	**94,802,176**
Nonfarm personal income	108,962,458	115,752,319	122,681,251	133,425,225	142,042,057	150,229,192	67,361,680	71,138,007	75,227,135	79,650,506	82,058,445	85,162,844
Farm income[1]	934,746	592,223	269,409	695,616	862,126	1,140,403	7,284,042	5,239,430	2,307,407	6,321,356	7,791,647	9,639,332
Population (thousands)[2]	9,457.3	9,508.6	9,558.5	9,644.0	9,733.2	9,809.9	7,837.9	7,842.1	7,863.1	7,869.3	7,823.1	7,766.6
Per capita personal income (dollars)	**11,620**	**12,236**	**12,863**	**13,907**	**14,682**	**15,430**	**9,524**	**9,739**	**9,861**	**10,925**	**11,485**	**12,206**
Derivation of total personal income:												
Total earnings by place of work	87,325,257	90,408,011	95,732,465	105,805,191	113,487,269	120,487,704	47,372,295	46,177,493	45,141,095	52,109,650	54,897,012	58,279,192
Less: Personal contributions for social insurance[3]	5,308,264	5,721,356	5,996,117	6,632,708	7,431,323	7,961,444	2,464,168	2,646,638	2,699,030	2,921,548	3,159,766	3,277,724
Plus: Adjustment for residence	−3,394,698	−3,332,775	−3,543,321	−4,071,907	−4,469,657	−4,689,958	2,184,385	2,256,499	2,345,184	2,698,367	2,947,531	3,112,317
Equals: Net earnings by place of residence	78,622,295	81,353,880	86,193,027	95,100,576	101,586,289	107,836,302	47,092,512	45,787,354	44,787,249	51,886,469	54,684,777	58,113,785
Plus: Dividends, interest, and rent[5]	17,792,474	19,925,203	20,604,262	22,437,278	23,628,671	24,741,789	15,554,762	17,236,994	18,377,086	19,227,642	19,472,543	20,141,093
Plus: Transfer payments	13,482,435	15,065,459	16,153,371	16,582,987	17,689,223	18,791,504	11,998,448	13,353,089	14,370,207	14,857,751	15,692,772	16,547,298
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	72,509,873	75,520,871	79,832,946	87,938,072	94,026,103	99,323,139	31,560,498	32,383,678	33,390,275	35,415,627	36,215,624	37,018,231
Other labor income	7,238,811	7,855,548	8,333,738	8,803,782	9,279,459	9,746,176	2,979,248	3,192,809	3,336,436	3,420,730	3,447,171	3,516,768
Proprietors' income[6]	7,576,573	7,031,592	7,565,781	9,063,337	10,181,707	11,418,389	12,832,549	10,601,006	8,414,384	13,273,293	15,234,217	17,744,193
Farm	773,452	422,217	105,468	534,533	698,479	975,941	6,291,093	4,187,232	1,292,375	5,323,862	6,780,024	8,622,131
Nonfarm	6,803,121	6,609,375	7,460,313	8,528,804	9,483,228	10,442,448	6,541,456	6,413,774	7,122,009	7,949,431	8,454,193	9,122,062
Earnings by industry:												
Farm	934,746	592,223	269,409	695,616	862,126	1,140,403	7,284,042	5,239,430	2,307,407	6,321,356	7,791,647	9,639,332
Nonfarm	86,390,511	89,815,788	95,463,056	105,109,575	112,625,143	119,347,301	40,088,253	40,938,063	42,833,688	45,788,294	47,105,365	48,639,860
Private	74,325,470	76,874,832	81,664,987	90,302,443	96,738,001	102,681,737	32,481,007	32,776,516	34,229,468	36,703,307	37,461,777	38,535,604
Agricultural services, forestry, fisheries, and other[7]	295,154*	314,064*	374,064*	377,237*	348,218*	394,530*	409,308*	435,209*	532,422*	494,840*	409,629*	421,980*
Agricultural services	277,893*	300,475*	343,125*	337,545*	309,124*	358,347*	389,911*	422,003*	476,390*	448,233*	377,894*	386,338*
Forestry, fisheries, and other[7]	(D)	(D)	(D)	15,688*	(D)	(D)	13,168*	(D)	(D)	33,392*	24,802*	31,457*
Mining	876,441*	730,794*	626,286*	696,555*	785,490*	712,171*	1,023,970*	951,976*	849,745*	908,725*	911,512*	(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	352,285*	225,242*	168,512*	(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	5,062,257	4,928,888	5,280,909	6,217,704*	6,869,144	7,593,383	3,026,337*	3,076,309*	3,216,116*	3,331,323*	3,191,685*	3,311,765*
Manufacturing	21,603,215	21,650,408	22,461,154	25,086,009	26,242,149	27,099,871	8,005,194*	7,812,136*	8,139,766*	8,871,510*	8,989,794*	9,267,593*
Nondurable goods	7,890,962*	8,235,874*	8,633,621*	9,207,923*	9,643,976*	10,136,131	3,336,386*	3,419,047*	3,583,457*	3,685,046*	3,807,370*	3,936,873*
Food and kindred products	2,396,515*	(D)	(D)	(D)	2,665,560*	2,843,166*	(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	1,711,071*	1,839,073*	1,966,029*	2,161,836*	2,336,032*	2,477,138*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	1,060,062*	1,155,156*	1,220,371*	1,349,082*	1,457,552*	1,534,975*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	249,161*	242,073*	210,433*	184,684*	198,456*	203,797*	73,929*	70,084*	72,160*	70,933*	69,865*	75,530*
Tobacco manufactures	178	56	164	207	173	275	52	(L)	(L)	(L)	178	277
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	13,681,077*	13,382,941*	13,795,811*	15,806,602*	16,521,247*	16,963,740	4,010,629*	3,880,058*	4,043,821*	4,609,986*	4,601,647*	4,662,232*
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)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,675,538*	1,700,608*	1,742,473*	1,889,737*	1,951,367*	1,922,408*	(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. exc. motor vehicles	2,181,929*	2,075,744*	2,050,676*	2,304,602*	2,417,258*	2,665,711*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	832,128*	(D)	(D)	(D)	(D)	(D)	273,204*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	438,785*	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	705,681*	(D)	(D)	1,043,350*	1,091,542*	1,290,483*	(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	8,153,904*	8,540,873*	9,007,769*	9,565,875*	9,950,661*	10,187,440*	3,640,833*	3,784,762*	3,840,418*	4,283,320*	4,225,456*	4,265,768*
Railroad transportation	1,321,764*	1,333,113*	1,373,384*	1,306,266*	1,217,071*	1,210,617*	797,793*	768,444*	753,104*	819,125*	789,022*	758,821*
Trucking and warehousing	2,053,707*	2,102,438*	2,132,603*	2,337,659*	2,404,085*	2,517,306*	1,377,443*	1,449,345*	1,442,873*	1,708,241*	1,654,673*	1,712,073*
Water transportation	112,329*	78,035*	91,017*	(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	7,481,810	7,726,512	7,655,719	8,474,022*	8,980,061	9,260,792	3,074,132*	3,083,952*	2,945,246*	3,075,379*	3,123,989*	3,075,385*
Retail trade	8,527,439	8,830,445	9,511,697	10,287,908	10,969,093	11,601,710	4,872,550	4,895,673	5,200,658	5,341,931	5,502,437	5,647,070
Finance, insurance, and real estate	5,475,000	5,661,004	6,509,109	7,045,334	7,799,128	8,986,661	1,644,612*	1,656,073*	1,825,008*	1,940,550*	2,017,799*	2,187,727*
Banking and credit agencies	1,557,531*	1,805,490*	1,987,674*	2,163,676*	2,307,122*	2,584,615*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	3,490,449*	3,754,765*	4,404,465*	4,719,535*	5,198,375*	6,154,996*	(D)	(D)	(D)	(D)	(D)	(D)
Services	16,840,855	18,482,204	20,226,363	22,381,653*	24,779,157	26,831,390	6,491,173*	6,842,356*	7,448,535*	8,137,869*	8,824,749*	9,301,381*
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	865,488*	917,755	993,196	1,079,294	1,295,995	1,393,726	474,875*	502,687*	542,038*	565,139*	701,198*	740,759*
Private households	(D)	(D)	(D)	(D)	(D)	(D)	122,020*	136,004*	141,398*	158,016*	156,675*	161,588*
Business services	2,776,026*	3,231,734	3,700,820	4,415,348*	5,146,109	5,713,593	728,997*	886,327*	991,625*	1,169,918*	1,387,241*	1,494,871*
Auto repair, services, and garages	739,570	744,285	827,682	978,181	1,053,688	1,126,782	465,715*	431,093*	500,958*	588,442*	626,706*	655,734*
Miscellaneous repair services	309,001	306,267	365,138	407,651	358,694	387,993*	198,370*	203,574*	256,732*	299,522*	(D)	(D)
Amusement and recreation services	348,186*	378,806*	425,103*	465,969*	518,538*	548,954*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	110,821*	135,989*	144,289*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	6,226,952	7,117,199	7,629,216	7,968,186*	8,586,736*	9,264,418	2,339,061	2,606,234*	2,790,265*	2,890,028*	3,052,163*	3,236,447*
Legal services	1,054,388*	1,229,740	1,421,197	1,711,679	1,903,617	2,112,551	326,140*	348,945*	389,739*	465,953*	498,630*	539,564*
Educational services	667,817*	721,133*	797,694*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	538,809*	563,356*	614,994*	703,292*	768,412*	834,657*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	719,666*	779,003	817,192	861,159*	897,716*	930,778	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	1,697,170*	1,617,453	1,675,334	1,898,831	2,106,805*	2,293,163*	577,166*	453,791*	465,386*	529,929*	610,697*	660,065*
Government and government enterprises	12,065,041	12,940,956	13,798,069	14,807,132	15,887,142	16,665,564	7,607,246	8,161,547	8,604,220	9,084,987	9,643,588	10,104,256
Federal, civilian	2,774,538	2,911,372	3,185,517	3,363,588	3,569,202	3,592,314	1,087,781	1,131,421	1,158,617	1,210,489	1,280,169	1,303,807
Military	799,230	898,197	965,512	1,050,343	1,131,801	1,203,575	646,645	724,748	780,724	788,312	829,167	868,162
State and local	8,491,273	9,131,387	9,647,040	10,393,201	11,186,139	11,869,675	5,872,820	6,305,378	6,664,879	7,086,186	7,534,252	7,932,287

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Southeast						Southeast (Metropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**505,499,923**	**537,109,778**	**577,331,492**	**634,234,658**	**681,750,168**	**727,287,282**	**355,383,749**	**379,561,189**	**410,600,218**	**450,471,573**	**488,084,711**	**523,323,150**
Nonfarm personal income	497,102,866	528,985,934	570,942,517	623,778,598	672,500,768	717,960,101	352,561,173	376,621,158	407,541,170	446,804,817	484,551,855	519,761,012
Farm income[1]	8,397,057	8,123,844	6,388,975	10,456,060	9,249,400	9,327,181	2,822,576	2,940,031	3,059,048	3,666,756	3,532,856	3,562,138
Population (thousands)[2]	53,697.1	54,377.1	55,062.2	55,791.4	56,550.7	57,274.1	34,313.9	34,854.0	35,395.4	35,970.5	36,599.1	37,221.4
Per capita personal income (dollars)	**9,414**	**9,878**	**10,485**	**11,368**	**12,056**	**12,698**	**10,357**	**10,890**	**11,600**	**12,523**	**13,336**	**14,060**
Derivation of total personal income:												
Total earnings by place of work	361,894,891	378,383,050	405,471,905	450,474,553	484,336,802	517,552,002	262,304,259	276,740,807	299,393,261	331,175,372	359,979,873	386,625,348
Less: Personal contributions for social insurance[3]	19,673,302	21,261,628	22,531,451	25,040,780	28,163,158	30,259,274	14,337,239	15,566,965	16,584,806	18,463,526	20,927,609	22,620,965
Plus: Adjustment for residence	3,018,065	3,168,232	3,291,933	3,464,574	3,440,908	3,408,641	−2,894,060	−2,957,229	−3,503,838	−4,202,850	−5,160,461	−5,267,224
Equals: Net earnings by place of residence	345,239,654	360,289,654	386,232,387	428,898,347	459,614,552	490,701,369	245,072,960	258,216,613	279,304,617	308,508,996	333,891,803	358,737,159
Plus: Dividends, interest, and rent[5]	79,530,803	87,139,523	93,784,790	104,681,674	113,453,971	121,553,035	58,662,237	63,886,825	68,884,872	77,319,743	84,101,930	90,250,615
Plus: Transfer payments	80,729,466	89,680,601	97,314,315	100,654,637	108,681,645	115,032,878	51,648,552	57,457,751	62,410,729	64,642,834	70,090,978	74,335,376
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	296,334,518	312,542,584	333,521,211	367,472,367	395,945,223	421,942,505	219,406,742	233,025,091	249,970,844	276,206,855	300,021,202	321,335,895
Other labor income	28,384,557	31,216,864	33,431,831	35,371,638	37,330,874	39,382,704	20,597,257	22,832,914	24,635,709	26,109,097	27,796,366	29,459,843
Proprietors' income[6]	37,175,816	34,623,602	38,518,863	47,630,548	51,060,705	56,226,793	22,300,260	20,882,802	24,786,708	28,859,420	32,162,305	35,829,610
Farm	6,625,244	6,148,906	4,483,557	8,587,718	7,358,214	7,427,366	2,151,502	2,179,776	2,323,934	2,945,660	2,802,220	2,828,490
Nonfarm	30,550,572	28,474,696	34,035,306	39,042,830	43,702,491	48,799,427	20,148,758	18,703,026	22,462,774	25,913,760	29,360,085	33,001,120
Earnings by industry:												
Farm	8,397,057	8,123,844	6,388,975	10,456,060	9,249,400	9,327,181	2,822,576	2,940,031	3,059,048	3,666,756	3,532,856	3,562,138
Nonfarm	353,497,834	370,259,206	399,082,930	440,018,493	475,087,402	508,224,821	259,481,683	273,800,776	296,334,213	327,508,616	356,447,017	383,063,210
Private	287,208,975	298,460,345	322,740,082	358,545,397	387,092,022	415,118,435	210,162,191	220,263,981	239,165,945	266,443,199	290,492,276	313,202,092
Agricultural services, forestry, fisheries, and other[7]	1,859,391	1,839,129	2,343,638	2,368,280	2,533,806	2,801,053	1,123,598*	1,170,370*	1,414,718*	1,466,776*	1,646,443*	1,815,326*
Agricultural services	1,522,552	1,622,418	1,810,913	1,953,978	2,022,500	2,249,612	(D)	1,009,006*	1,143,561*	1,233,364*	1,345,715*	1,480,794*
Forestry, fisheries, and other[7]	336,839	216,711	532,725	414,302	511,306	551,441	(D)	(D)	(D)	(D)	(D)	(D)
Mining	10,061,971	10,367,952	8,946,241	9,660,186	10,157,144	9,217,293	4,222,952*	4,357,113*	3,868,632*	4,091,736*	4,618,629*	4,123,876*
Coal mining	4,606,744	4,924,806	4,047,834	4,500,471	4,394,991	4,190,055	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	4,547,903	4,578,482	3,998,426	4,149,037	4,705,335	3,997,001	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	71,266	51,410	51,919	57,022	65,625	65,193	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	836,058	813,254	848,062	953,656	991,193	965,044	(D)	(D)	(D)	(D)	(D)	(D)
Construction	24,911,341	24,895,771	26,419,355	30,650,451	33,354,693	36,220,107	18,666,679	18,636,772*	19,885,767*	23,133,909*	25,337,487*	27,788,849*
Manufacturing	81,466,489	81,197,371	86,882,796	95,596,239	99,714,107	104,580,384	52,377,404	52,721,812*	55,625,382*	61,234,195*	64,488,414	67,427,532
Nondurable goods	42,028,402	42,780,130	45,840,863	48,125,473	49,442,006	52,203,113	25,164,331*	25,747,755*	27,285,856*	28,588,620*	29,763,931*	31,257,464*
Food and kindred products	6,335,936	6,727,140	6,965,475	7,220,611	7,587,398	8,078,002	3,778,417*	4,017,046*	4,144,831*	4,296,752*	4,445,590*	4,663,038*
Textile mill products	8,642,929	8,175,336	9,109,118	9,332,568	9,061,117	9,827,386	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	4,765,642	4,705,914	5,112,109	5,487,630	5,320,144	5,542,246	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	4,397,995	4,511,548	4,881,361	5,263,998	5,560,152	5,889,238	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,342,471	3,615,799	4,021,012	4,559,237	5,122,797	5,644,287	2,630,556*	2,815,826*	3,116,113*	3,590,525*	4,074,813*	4,493,867*
Chemicals and allied products	8,003,294	8,418,794	8,668,258	8,732,529	9,013,969	9,183,662	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,078,453	1,097,871	1,178,377	1,185,359	1,202,846	1,228,447	941,981*	951,995*	1,026,322*	1,033,823*	1,030,097*	1,043,474*
Tobacco manufactures	1,720,784	1,836,984	1,914,636	1,890,645	1,992,212	2,019,356	1,594,390*	1,682,832*	1,752,451*	1,741,454*	1,845,431*	1,865,913*
Rubber and misc. plastic products	3,122,729	3,146,911	3,482,048	3,974,874	4,159,901	4,399,304	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	618,169	543,833	508,469	478,022	421,470	391,185	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	39,438,087	38,417,241	41,041,933	47,470,766	50,272,101	52,377,271	26,980,617*	26,501,339*	27,837,704*	32,128,342*	34,509,515*	35,586,082*
Lumber and wood products	3,752,527	3,373,935	3,967,823	4,507,931	4,701,421	4,965,880	1,200,776*	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	2,558,892	2,474,909	2,824,426	3,196,124	3,371,768	3,577,287	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	4,533,433	3,883,990	3,801,341	4,320,562	4,235,524	4,301,574	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	4,675,903	4,514,669	4,551,553	5,375,446	5,716,745	5,878,272	(D)	2,934,127*	2,865,731*	(D)	(D)	(D)
Machinery, except electrical	6,115,038	6,105,742	6,261,202	7,426,238	8,047,286	8,188,191	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	6,649,056	6,870,778	7,602,812	8,825,153	9,229,908	9,419,903	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	4,586,553	4,775,210	4,781,462	5,238,531	5,802,076	6,247,084	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,892,283	1,860,482	2,247,768	2,929,773	3,266,287	3,469,408	1,271,595*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,796,594	2,658,551	2,918,459	3,308,212	3,441,959	3,682,233	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	1,057,074	1,107,869	1,185,419	1,298,275	1,380,920	1,493,851	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	820,734	791,106	899,668	1,044,521	1,078,207	1,153,588	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	28,577,273	30,693,607	32,567,687	35,150,009	36,844,042	38,346,502	22,254,673*	23,868,576*	25,360,166*	27,201,089*	28,761,683*	30,004,652*
Railroad transportation	3,064,928	3,041,286	3,162,477	3,325,988	3,127,193	2,890,615	1,964,584*	1,877,482*	1,968,930*	2,105,409*	2,094,518*	1,885,462*
Trucking and warehousing	7,200,663	7,283,085	7,718,804	9,054,493	9,320,918	9,874,901	4,747,546*	5,057,989*	5,344,218*	6,019,303*	6,194,966*	6,542,450*
Water transportation	1,614,102	1,552,368	1,446,514	1,480,354	1,528,026	1,429,839	1,279,099*	1,239,311*	1,151,668*	1,154,850*	1,200,497*	1,129,444*
Other transportation[8]	4,536,823	4,971,061	5,360,920	5,763,259	6,378,411	6,989,886	(D)	(D)	(D)	(D)	(D)	(D)
Communication	7,460,185	8,265,439	8,710,767	8,757,303	9,177,226	9,394,796	(D)	(D)	(D)	(D)	7,147,150*	7,690,643*
Electric, gas, and sanitary services	4,700,572	5,580,368	6,168,205	6,768,612	7,312,268	7,766,465	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	22,844,456	23,874,950	24,712,128	27,735,948	30,304,382	31,666,154	18,876,076*	19,898,172*	20,795,243*	23,350,961*	25,664,555*	26,917,781*
Retail trade	37,333,968	39,090,903	43,416,465	47,478,990	51,508,208	55,544,494	27,565,581	29,025,118	32,286,550	35,548,728	38,753,735	41,861,064
Finance, insurance, and real estate	17,537,391	17,963,781	21,100,557	23,009,493	25,779,326	30,088,435	14,751,740*	15,168,343*	17,924,667*	19,605,933*	22,168,480*	25,994,772*
Banking and credit agencies	6,555,162	7,300,219	8,186,874	9,041,210	10,011,021	11,231,898	4,844,215*	5,096,590*	5,781,363*	6,387,552*	(D)	8,225,195*
Other finance, insurance, and real estate[9]	10,982,229	10,663,562	12,913,683	13,968,283	15,768,305	18,856,537	9,565,404*	8,803,597*	10,676,577*	11,448,104*	12,970,495*	15,741,922*
Services	62,616,695	68,536,881	76,351,215	86,895,801	96,896,314	106,654,013	49,839,262*	54,979,182*	61,494,496*	70,224,252*	78,520,047*	86,782,216*
Hotels and other lodging places	2,765,782	2,916,731	3,268,508	3,598,561	3,789,138	4,194,508	(D)	(D)	(D)	(D)	2,854,625*	3,171,061*
Personal services	3,186,834	3,433,417	3,811,010	4,120,622	4,932,223	5,367,218	2,378,137*	2,563,219*	2,842,840*	3,095,281*	3,647,134*	3,973,214*
Private households	2,159,940	2,337,840	2,454,802	2,757,318	2,798,500	2,905,597	1,400,779*	1,619,922*	1,703,730*	1,928,535*	1,957,835*	2,031,316*
Business services	9,331,220	10,707,399	12,291,542	14,965,073	17,612,953	20,019,632	8,189,099*	9,386,373*	10,841,143*	13,109,538*	15,442,727*	17,624,373*
Auto repair, services, and garages	2,967,414	2,901,685	3,336,803	3,921,277	4,279,143	4,616,051	2,181,769*	2,174,125	2,482,542	2,912,738	3,195,730	3,463,308
Miscellaneous repair services	1,486,850	1,566,047	1,755,904	2,052,467	1,888,277	2,021,676	1,093,819*	1,147,580*	1,279,604*	1,497,885*	1,394,709*	1,510,972*
Amusement and recreation services	1,586,359	1,757,052	1,984,010	2,202,383	2,412,226	2,598,190	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	203,158	208,923	229,291	269,324	308,114	336,367	(D)	(D)	(D)	(D)	(D)	(D)
Health services	19,975,691	23,036,939	25,408,374	27,688,496	30,405,416	33,307,443	15,642,251*	18,117,456*	20,034,266*	21,901,329*	24,190,055*	26,556,665*
Legal services	3,971,951	4,627,737	5,309,738	6,457,231	7,233,995	8,192,629	3,355,821*	3,948,207*	4,552,387*	5,536,472*	6,227,642	7,072,023
Educational services	2,327,732	2,519,343	2,737,594	3,047,094	3,292,987	3,582,726	(D)	(D)	(D)	(D)	(D)	(D)
Social services	1,480,093	1,511,659	1,666,076	1,853,504	2,079,696	2,325,796	1,066,925*	1,097,405*	1,223,817*	1,372,625*	1,554,310*	1,758,496*
Museums, botanical, zoological gardens	24,584	28,512	32,702	35,953	42,717	78,030	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	2,925,614	3,192,283	3,389,813	3,658,952	3,828,193	3,921,125	2,000,367*	2,289,849*	2,456,131*	2,692,789*	2,848,744*	2,947,967*
Miscellaneous services	8,223,473	7,791,314	8,675,048	10,267,546	11,992,736	13,187,025	6,670,991	6,492,611	7,228,955	8,551,366*	9,927,682*	10,898,346*
Government and government enterprises	66,288,859	71,798,861	76,342,848	81,473,096	87,995,380	93,106,386	49,319,492	53,536,795	57,168,268	61,065,417	65,954,741	69,861,118
Federal, civilian	15,899,118	16,695,259	17,812,212	18,834,469	19,989,794	20,047,361	12,991,343	13,789,323	14,815,539	15,727,028	16,699,335	16,786,261
Military	10,449,735	12,007,976	12,716,365	13,467,953	14,337,214	14,995,831	8,542,053	9,738,512	10,331,914	10,944,745	11,665,474	12,255,431
State and local	39,940,006	43,095,626	45,814,271	49,170,674	53,668,372	58,063,194	27,786,096	30,008,960	32,020,815	34,393,644	37,589,932	40,819,426

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Southeast (Nonmetropolitan portion)						Southwest					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**150,116,174**	**157,548,589**	**166,731,274**	**183,763,085**	**193,665,457**	**203,964,132**	**237,799,808**	**259,154,578**	**272,358,873**	**296,108,830**	**318,548,121**	**327,323,633**
Nonfarm personal income	144,541,693	152,364,776	163,401,347	176,973,781	187,948,913	198,199,089	234,416,251	255,525,421	268,808,672	292,251,157	314,597,280	323,156,347
Farm income[1]	5,574,481	5,183,813	3,329,927	6,789,304	5,716,544	5,765,043	3,383,557	3,629,157	3,550,201	3,857,673	3,950,841	4,167,286
Population (thousands)[2]	19,383.2	19,523.1	19,666.8	19,820.9	19,951.6	20,052.7	22,012.7	22,853.9	23,480.7	23,859.8	24,293.9	24,746.1
Per capita personal income (dollars)	**7,745**	**8,070**	**8,478**	**9,271**	**9,707**	**10,171**	**10,803**	**11,340**	**11,599**	**12,410**	**13,112**	**13,227**
Derivation of total personal income:												
Total earnings by place of work	99,590,632	101,642,243	106,078,644	119,299,181	124,356,929	130,926,654	184,106,101	198,302,929	206,604,243	225,170,621	240,883,601	244,730,125
Less: Personal contributions for social insurance[3]	5,336,063	5,694,663	5,946,645	6,577,254	7,235,549	7,638,309	9,646,801	10,616,051	11,287,892	12,293,366	13,715,997	14,025,729
Plus: Adjustment for residence	5,912,125	6,125,461	6,795,771	7,667,424	8,601,369	8,675,865	−229,900	−362,296	−282,028	−243,542	−318,318	−207,216
Equals: Net earnings by place of residence	100,166,694	102,073,041	106,927,770	120,389,351	125,722,749	131,964,210	174,229,400	187,324,582	195,034,323	212,633,713	226,849,286	230,497,180
Plus: Dividends, interest, and rent[4]	20,868,566	23,252,698	24,899,918	27,361,931	29,352,041	31,302,420	35,339,799	39,876,282	41,908,933	46,805,005	51,623,214	53,751,203
Plus: Transfer payments	29,080,914	32,222,850	34,903,586	36,011,803	38,590,667	40,697,502	28,230,609	31,953,714	35,415,617	36,670,112	40,075,621	43,075,250
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	76,927,776	79,517,493	83,550,367	91,265,512	95,924,021	100,606,610	149,130,537	161,564,758	166,748,867	181,550,444	194,168,053	195,885,231
Other labor income	7,787,300	8,383,950	8,796,122	9,262,541	9,534,508	9,922,861	14,975,693	16,765,425	17,347,753	18,019,967	18,601,093	18,706,212
Proprietors' income[5]	14,875,556	13,740,800	13,732,155	18,771,128	18,898,400	20,397,183	19,999,871	19,972,746	22,507,623	25,600,210	28,114,455	30,138,682
Farm	4,473,742	3,969,130	2,159,623	5,642,058	4,555,994	4,598,876	2,624,286	2,797,103	2,751,040	3,073,229	3,155,965	3,368,502
Nonfarm	10,401,814	9,771,670	11,572,532	13,129,070	14,342,406	15,798,307	17,375,585	17,175,643	19,756,583	22,526,981	24,958,490	26,770,180
Earnings by industry:												
Farm	5,574,481	5,183,813	3,329,927	6,789,304	5,716,544	5,765,043	3,383,557	3,629,157	3,550,201	3,857,673	3,950,841	4,167,286
Nonfarm	94,016,151	96,458,430	102,748,717	112,509,877	118,640,385	125,161,611	180,722,544	194,673,772	203,054,042	221,312,948	236,932,760	240,562,839
Private	77,046,784	78,196,364	83,574,137	92,102,198	96,399,746	101,916,343	153,163,230	163,936,455	169,570,797	185,594,793	197,933,687	199,839,749
Agricultural services, forestry, fisheries, and other[7]	681,438*	645,997*	897,145*	866,752*	852,385*	936,856*	922,469	959,891	1,096,090	1,105,558	1,144,204	1,199,548
Agricultural services	(D)	516,206*	(D)	(D)	(D)	(D)	858,476	916,425	987,478	1,036,589	1,044,854	1,094,887
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	63,993	43,466	108,612	68,969	99,350	104,661
Mining	5,528,994*	5,821,019*	4,873,573*	5,328,603*	5,283,689*	4,878,992*	14,242,053	15,213,154	13,443,649	13,849,968	13,945,522	11,744,048
Coal mining	3,612,315*	(D)	(D)	(D)	(D)	(D)	229,863	244,974	224,667	258,111	269,999	401,057
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	12,638,725	13,907,011	12,320,993	12,718,081	12,853,360	10,677,117
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	1,047,101	735,797	569,736	539,119	506,819	455,870
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	326,364	325,372	328,253	334,657	315,344	210,004
Construction	6,135,632*	6,130,794*	6,384,863*	7,308,801*	7,755,032*	8,209,561*	15,920,187	16,964,623	17,824,441	19,637,804	20,324,516	19,959,809
Manufacturing	29,080,267*	28,468,493*	31,249,208*	34,357,722*	35,207,790*	37,143,023*	33,686,315	33,864,492	33,282,386	36,260,015	38,071,269	37,805,058
Nondurable goods	15,831,603*	15,956,876*	17,413,909*	18,278,682*	18,707,433*	19,894,000*	11,921,384	12,464,854	12,931,211	13,616,198	13,947,602	14,018,843
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	2,342,441	2,466,733	2,526,981	2,644,316	2,747,656	2,888,559
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	116,305	111,454	125,460	124,347	122,583	125,694
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	963,960	901,244	919,088	973,653	950,121	911,157
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	663,909	672,439	710,692	817,884	830,920	861,731
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	1,588,855	1,757,536	1,881,112	2,091,433	2,279,561	2,389,615
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,713,341	2,914,463	3,036,551	3,132,862	3,313,046	3,334,175
Petroleum and coal products	125,943*	(D)	(D)	147,431*	(D)	179,621*	2,379,965	2,513,833	2,544,102	2,499,543	2,344,209	2,179,206
Tobacco manufactures	123,590*	131,148*	141,762*	137,773*	135,036*	143,858*	3,135	2,242	2,622	2,937	3,685	3,654
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	993,916	981,606	1,052,850	1,202,506	1,231,639	1,205,297
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	155,557	143,304	131,753	126,717	124,182	119,755
Durable goods	11,776,408*	11,202,961*	12,451,090*	14,404,858*	14,885,141*	15,593,075*	21,764,931	21,399,638	20,351,175	22,643,817	24,123,667	23,786,215
Lumber and wood products	2,271,607*	(D)	(D)	(D)	(D)	(D)	801,446	805,156	948,267	1,058,919	1,052,411	1,036,428
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	298,909	308,947	341,237	394,059	405,731	420,680
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,916,586	1,625,546	1,359,306	1,517,776	1,415,684	1,320,745
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,935,967	2,830,443	2,479,724	2,649,022	2,721,135	2,554,901
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	6,493,076	6,311,092	5,090,891	5,599,757	5,928,015	5,061,787
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,279,770	3,571,098	3,874,805	4,405,601	4,936,057	5,138,485
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,796,867	2,798,756	2,760,777	2,977,824	3,402,605	3,972,666
Motor vehicles and equipment	557,416*	(D)	(D)	(D)	(D)	(D)	664,622	540,592	733,925	909,572	951,289	837,834
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,354,332	1,387,592	1,508,848	1,672,950	1,769,788	1,783,631
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	804,497	861,096	817,447	902,599	1,003,680	1,101,896
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	418,859	359,320	435,948	555,738	537,272	557,162
Transportation and public utilities	5,773,732*	6,075,445*	6,319,321*	6,953,116*	(D)	(D)	14,435,296	15,254,473	15,493,460	16,621,458	17,656,189	17,991,403
Railroad transportation	926,496*	921,796*	937,491*	915,269*	841,236*	860,728*	1,207,777	1,150,958	1,150,973	1,265,098	1,216,256	1,149,368
Trucking and warehousing	(D)	1,879,786*	1,998,788*	2,475,369*	2,479,852*	2,639,545*	3,630,152	3,653,734	3,452,121	3,884,290	3,848,239	3,828,622
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	569,725	528,278	448,400	446,356	427,181	393,466
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,549,038	2,753,304	2,860,230	3,048,864	3,321,491	3,617,550
Communication	(D)	(D)	(D)	(D)	(D)	(D)	3,411,263	3,920,933	4,057,652	3,975,767	4,222,368	4,277,310
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	3,067,341	3,247,266	3,524,084	4,001,083	4,620,654	4,725,087
Wholesale trade	3,736,457*	3,840,839*	3,775,105*	4,220,176*	4,489,351*	4,582,568*	13,584,663	14,562,502	14,248,831	15,256,005	16,255,044	16,124,498
Retail trade	9,765,903*	10,065,785	11,129,915	11,930,262	12,754,473	13,683,430	18,974,140	20,622,051	22,274,574	24,163,322	25,670,366	26,083,054
Finance, insurance, and real estate	2,755,666*	2,754,439*	3,130,591*	3,363,427*	3,599,420*	4,080,023*	9,770,143	10,753,724	12,654,232	14,328,277	15,877,127	17,108,799
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	3,444,205	4,102,754	4,733,851	5,314,602	5,930,771	6,297,641
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	6,325,938	6,650,970	7,920,381	9,013,675	9,946,356	10,811,158
Services	12,414,085*	13,091,504*	14,340,478*	16,104,249*	17,698,850*	19,169,962*	31,627,964	35,741,545	39,253,134	44,372,386	48,989,450	51,823,532
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	1,155,716	1,210,745	1,431,786	1,521,052	1,526,050	1,643,482
Personal services	801,464*	860,577*	958,130*	1,008,234*	1,254,345*	1,358,527*	1,748,252	1,977,899	2,162,659	2,300,061	2,684,489	2,789,466
Private households	629,288*	692,986*	724,994*	818,301*	823,384*	852,369*	752,096	833,728	888,492	999,575	1,017,583	1,060,385
Business services	1,061,984*	1,265,203*	1,384,541*	1,776,327*	(D)	(D)	6,626,214	7,875,571	8,768,815	10,279,747	11,957,345	12,571,283
Auto repair, services, and garages	778,782*	723,459*	849,194*	1,001,977*	1,081,213*	1,147,663*	1,678,857	1,684,978	1,879,068	2,179,524	2,340,111	2,432,407
Miscellaneous repair services	378,145*	389,256*	444,760*	525,901*	467,472*	478,016*	812,000	851,385	870,757	998,436	918,194	890,000
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	578,596	647,451	719,637	846,830	952,844	970,988
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	122,460	132,113	139,626	160,088	183,782	196,954
Health services	4,286,784	4,847,778*	5,296,626*	5,702,731*	6,193,816*	6,726,600*	8,905,141	10,495,991	11,530,100	12,375,794	13,408,586	14,439,941
Legal services	609,203*	669,981*	746,974*	906,837*	1,001,503*	1,114,829*	2,113,283	2,586,661	3,058,206	3,699,813	4,217,085	4,684,781
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	789,706	881,669	980,067	1,096,606	1,185,737	1,274,693
Social services	(D)	(D)	(D)	(D)	(D)	(D)	685,182	715,024	781,173	897,463	1,000,592	1,050,069
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	24,080	28,471	31,797	36,447	39,932	45,479
Membership organizations	(D)	841,064*	870,113*	898,603*	931,265*	926,585*	1,363,417	1,520,148	1,635,942	1,752,372	1,850,582	1,913,827
Miscellaneous services	1,524,564*	1,282,835*	1,424,514*	1,702,886*	2,033,704*	2,253,126*	4,272,964	4,299,711	4,375,009	5,228,578	5,706,538	5,859,777
Government and government enterprises	16,969,367	18,262,066	19,174,580	20,407,679	22,040,639	23,245,268	27,559,314	30,737,317	33,483,245	35,718,155	38,999,073	40,723,090
Federal, civilian	2,907,775	2,905,936	2,996,673	3,107,441	3,290,459	3,261,100	6,216,324	6,548,391	7,001,349	7,602,211	8,264,262	8,301,046
Military	1,907,682	2,269,464	2,384,451	2,523,208	2,671,740	2,740,400	3,531,786	3,952,749	4,197,898	4,327,292	4,589,784	4,746,834
State and local	12,153,910	13,086,666	13,793,456	14,777,030	16,078,440	17,243,768	17,811,204	20,236,177	22,283,998	23,788,652	26,145,027	27,675,210

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Southwest (Metropolitan portion)						Southwest (Nonmetropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**186,418,590**	**203,634,660**	**214,719,688**	**234,293,259**	**253,082,389**	**260,742,720**	**51,381,218**	**55,519,918**	**57,639,185**	**61,815,571**	**65,465,732**	**66,580,913**
Nonfarm personal income	185,578,686	202,765,266	213,786,885	233,276,076	252,089,456	259,727,045	48,837,565	52,760,155	55,021,787	58,975,081	62,507,824	63,429,302
Farm income[1]	839,904	869,394	932,803	1,017,183	992,933	1,015,675	2,543,653	2,759,763	2,617,398	2,840,490	2,957,908	3,151,611
Population (thousands)[2]	16,279.7	16,947.8	17,449.0	17,806.8	18,218.4	18,613.4	5,733.1	5,906.1	6,031.7	6,053.0	6,075.5	6,132.8
Per capita personal income (dollars)	**11,451**	**12,015**	**12,306**	**13,157**	**13,892**	**14,008**	**8,962**	**9,400**	**9,556**	**10,212**	**10,775**	**10,857**
Derivation of total personal income:												
Total earnings by place of work	150,234,553	162,575,312	170,722,357	186,731,265	200,600,061	204,503,201	33,871,548	35,727,617	35,881,886	38,439,356	40,283,540	40,226,924
Less: Personal contributions for social insurance[3]	7,939,789	8,765,244	9,373,794	10,248,817	11,484,677	11,803,709	1,707,012	1,850,807	1,914,098	2,044,549	2,231,320	2,222,020
Plus: Adjustment for residence	−2,293,067	−2,574,768	−2,806,381	−3,029,942	−3,264,058	−3,085,428	2,063,167	2,212,472	2,524,353	2,786,400	2,945,740	2,878,212
Equals: Net earnings by place of residence	140,001,697	151,235,300	158,542,182	173,452,506	185,851,326	189,614,064	34,227,703	36,089,282	36,492,141	39,181,207	40,997,960	40,883,116
Plus: Dividends, interest, and rent[4]	26,739,816	30,107,143	31,422,020	35,205,973	39,047,926	40,739,861	8,599,983	9,769,139	10,486,913	11,599,032	12,575,288	13,011,342
Plus: Transfer payments	19,677,077	22,292,217	24,755,486	25,634,780	28,183,137	30,388,795	8,553,532	9,661,497	10,660,131	11,035,332	11,892,484	12,686,455
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	124,191,534	135,122,391	140,580,690	153,685,005	164,978,935	167,263,537	24,939,003	26,442,367	26,168,177	27,865,439	29,189,118	28,621,694
Other labor income	12,395,840	13,969,271	14,566,968	15,150,549	15,690,505	15,862,400	2,579,853	2,796,154	2,780,785	2,869,418	2,910,588	2,843,812
Proprietors' income[5]	13,647,179	13,483,650	15,574,699	17,895,711	19,930,621	21,377,264	6,352,692	6,489,096	6,932,924	7,704,499	8,183,834	8,761,418
Farm	598,328	602,786	678,447	768,657	743,203	764,457	2,025,958	2,194,317	2,072,593	2,304,572	2,412,762	2,604,045
Nonfarm	13,048,851	12,880,864	14,896,252	17,127,054	19,187,418	20,612,807	4,326,734	4,294,779	4,860,331	5,399,927	5,771,072	6,157,373
Earnings by industry:												
Farm	839,904	869,394	932,803	1,017,183	992,933	1,015,675	2,543,653	2,759,763	2,617,398	2,840,490	2,957,908	3,151,611
Nonfarm	149,394,649	161,705,918	169,789,554	185,714,082	199,607,128	203,487,526	31,327,895	32,967,854	33,264,488	35,598,866	37,325,632	37,075,313
Private	127,583,302	137,407,177	143,291,991	157,336,457	168,540,948	171,027,775	25,579,928	26,529,278	26,278,806	28,258,336	29,392,739	28,811,974
Agricultural services, forestry, fisheries, and other[7]	540,335	588,734	694,584	720,141	756,201	805,727*	372,182*	367,918*	397,552*	379,983*	372,703*	371,894*
Agricultural services	496,996*	537,839*	607,787*	627,023*	676,232*	729,462*	329,642*	344,998*	342,512*	332,925*	320,149*	326,036*
Forestry, fisheries, and other[7]	(D)	(D)	58,400*	(D)	52,895*	55,856*	(D)	(D)	(D)	(D)	(D)	41,509*
Mining	9,553,080	10,606,374	9,704,059	10,018,899	10,138,795	8,621,117*	4,615,439*	4,395,903*	3,539,761*	3,650,187*	(D)	3,009,339*
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	9,297,432*	8,514,601*	8,931,106*	9,033,486*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	255,817*	164,090*	143,957*	132,001*	108,085*	103,559*	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	13,040,548	13,921,597	14,834,073	16,283,544	16,723,890	16,416,409	2,875,901*	3,039,771*	2,986,940*	3,351,788*	3,540,297*	3,541,552*
Manufacturing	28,724,918	28,979,944	28,462,474	31,007,148	32,752,316	32,580,331	4,955,877*	4,870,514*	4,802,641*	5,250,413*	5,314,167*	5,219,286*
Nondurable goods	9,885,839*	10,376,501*	10,747,080*	11,301,042*	11,632,315*	11,705,068*	1,949,447*	1,952,176*	2,049,463*	2,179,945*	2,217,178*	2,208,793*
Food and kindred products	1,813,543*	1,903,459*	1,950,696*	2,074,342*	2,127,796*	2,235,081*	(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	687,820*	630,504*	644,006*	701,115*	689,826*	(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	1,433,677*	1,586,510*	1,700,280*	1,895,813*	2,071,000*	2,172,031*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	2,242,211*	2,406,534*	2,506,621*	2,601,978*	2,890,459*	2,865,857*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,967,094*	2,070,814*	2,071,611*	2,026,141*	1,912,319*	1,767,317*	404,690*	432,890*	464,634*	464,408*	424,626*	399,621*
Tobacco manufactures	3,135	(D)	(D)	(D)	3,685	3,654	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	18,837,848*	18,601,910*	17,713,544*	19,703,917*	21,117,025*	20,871,632*	2,670,816*	2,547,186*	(D)	(D)	2,713,779*	2,733,672*
Lumber and wood products	416,570*	430,921*	524,669*	588,982*	602,699*	592,843*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	223,287*	242,485*	277,263*	293,158*	315,809*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	928,665*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	2,553,333*	2,436,793*	2,104,470*	2,106,098*	2,251,944*	2,062,650*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	5,537,428*	5,262,240*	4,188,587*	4,723,729*	5,273,387*	4,511,514*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	2,497,775*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	580,006*	(D)	(D)	(D)	(D)	(D)	79,813*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,013,147*	1,034,401*	1,109,536*	1,237,499*	1,324,777*	1,334,761*	(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	366,792*	318,151*	392,967*	512,696*	492,910*	500,294*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	11,797,508	12,435,341	12,646,485	13,546,645	14,517,737	14,954,143	2,547,790*	2,561,433*	(D)	2,978,202*	2,958,972*	2,798,007*
Railroad transportation	803,835*	(D)	(D)	911,889*	831,422*	809,217*	372,626*	328,367*	315,375*	331,124*	309,187*	311,633*
Trucking and warehousing	2,807,784*	(D)	(D)	(D)	(D)	(D)	712,374*	749,119*	688,344*	824,991*	793,993*	744,923*
Water transportation	545,343*	502,173*	428,097*	421,989*	402,848*	371,942*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	2,933,929*	(D)	(D)	3,379,246*	3,614,354*	3,664,794*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	2,018,976*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	12,218,294	13,102,208	12,875,920	13,789,840	14,769,849	14,742,338*	1,346,304*	1,449,236*	1,362,015*	1,453,029*	1,481,571*	1,372,574*
Retail trade	15,544,122	16,966,318	18,357,968	20,112,125	21,429,866	21,793,311	3,429,689*	3,654,561*	3,915,379*	4,051,197	4,240,500	4,289,743
Finance, insurance, and real estate	8,807,005	9,734,333	11,480,871	13,020,390	14,501,000	15,657,291	959,422*	1,011,990*	1,163,783*	1,303,600*	1,373,513*	1,449,641*
Banking and credit agencies	2,700,060*	(D)	(D)	(D)	(D)	5,412,523*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	5,594,263*	(D)	(D)	(D)	(D)	10,171,168*	(D)	(D)	(D)	(D)	(D)	(D)
Services	27,357,492	31,072,328	34,235,557	38,837,725	42,951,294	45,449,066	4,241,617*	4,590,881*	4,933,617*	5,455,393*	5,772,965*	6,167,821*
Hotels and other lodging places	941,298*	998,020*	1,194,779*	1,263,398*	1,300,275*	1,406,158*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	1,466,062	1,654,791	1,812,193	1,938,377	2,232,952	2,309,612*	278,939*	319,085*	345,880*	352,316*	448,143*	467,485*
Private households	(D)	612,262*	652,676*	734,910*	750,046*	782,187*	155,690*	174,050*	185,359*	210,970*	215,012*	221,061*
Business services	5,941,259*	7,026,268	7,897,008	9,257,070	10,746,148	11,297,453	643,331*	843,039*	864,444*	1,007,151*	1,200,164*	1,248,688*
Auto repair, services, and garages	1,345,196	1,377,906	1,523,668	1,768,421	1,909,374	1,991,871	333,425*	306,861*	355,154*	407,537*	427,844*	439,671*
Miscellaneous repair services	649,108	680,273	686,329	789,917	734,935*	720,905	161,932*	167,321*	179,916*	203,868*	174,945*	164,150*
Amusement and recreation services	512,495*	548,956*	610,111*	740,728*	831,688*	844,639*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	169,267*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	7,714,457	9,124,483	10,051,080	10,818,037	11,742,867	12,646,801	1,184,591*	1,371,508	1,479,020	1,557,757	1,665,719	1,793,140
Legal services	1,920,901*	2,375,873	2,820,898	3,416,701	3,909,453	4,355,366	184,651*	207,974*	234,423*	279,631*	302,345*	328,661*
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	(D)	581,722*	635,869*	740,841*	832,655*	873,395*	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	993,230*	1,135,582*	1,214,302*	1,309,386*	1,392,141	1,442,177	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	3,781,233*	3,902,065	3,977,791	4,768,688	5,184,475	5,275,408	479,410*	384,414*	382,698*	445,703*	516,883*	557,858*
Government and government enterprises	21,811,347	24,298,741	26,497,563	28,377,625	31,066,180	32,459,751	5,747,967	6,438,576	6,985,682	7,340,530	7,932,893	8,263,339
Federal, civilian	5,135,535	5,440,975	5,836,931	6,355,612	6,967,190	7,013,785	1,080,789	1,107,416	1,164,418	1,246,599	1,297,072	1,287,261
Military	2,970,138	3,305,148	3,487,541	3,585,628	3,810,150	3,935,596	561,648	647,601	710,357	741,664	779,634	811,238
State and local	13,705,674	15,552,618	17,173,091	18,436,385	20,288,840	21,510,370	4,105,530	4,683,559	5,110,907	5,352,267	5,856,187	6,164,840

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Rocky Mountain						Rocky Mountain (Metropolitan portion)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**71,425,068**	**76,355,942**	**80,933,743**	**86,931,934**	**91,731,419**	**95,458,162**	**45,773,456**	**49,802,171**	**53,131,923**	**57,819,411**	**61,424,026**	**64,081,252**
Nonfarm personal income	69,839,082	75,199,229	79,660,133	85,672,392	90,518,581	93,682,178	45,568,826	49,631,356	52,962,558	57,595,123	61,218,670	63,785,205
Farm income[1]	1,585,986	1,156,713	1,273,610	1,259,542	1,212,838	1,775,984	204,630	170,815	169,365	224,288	205,356	296,047
Population (thousands)[2]	6,753.5	6,923.7	7,064.9	7,149.4	7,218.5	7,261.1	4,080.6	4,186.2	4,288.8	4,359.2	4,430.9	4,486.0
Per capita personal income (dollars)	**10,576**	**11,028**	**11,456**	**12,159**	**12,708**	**13,147**	**11,217**	**11,897**	**12,388**	**13,264**	**13,863**	**14,285**
Derivation of total personal income:												
Total earnings by place of work	54,507,633	57,336,451	60,244,196	65,184,812	68,717,962	71,196,523	35,953,150	38,811,699	41,178,440	45,176,588	47,994,899	49,875,434
Less: Personal contributions for social insurance[3]	3,001,587	3,287,746	3,356,884	3,665,829	4,017,148	4,158,854	2,010,844	2,210,399	2,283,534	2,515,451	2,770,671	2,895,073
Plus: Adjustment for residence	43,238	50,984	35,008	36,682	49,026	51,555	−189,110	−241,128	−326,939	−342,465	−399,020	−404,494
Equals: Net earnings by place of residence	51,549,284	54,099,689	56,922,320	61,555,665	64,749,840	67,089,224	33,753,196	36,360,172	38,567,967	42,318,672	44,825,208	46,575,867
Plus: Dividends, interest, and rent[5]	11,162,516	12,368,006	13,172,847	14,263,403	15,042,809	15,645,600	6,803,710	7,535,207	8,099,965	8,858,885	9,438,583	9,858,782
Plus: Transfer payments	8,713,268	9,888,247	10,838,576	11,112,866	11,938,770	12,723,338	5,216,550	5,906,792	6,463,991	6,641,854	7,160,235	7,646,603
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	44,056,757	47,009,015	48,831,280	52,802,350	55,590,478	56,875,371	30,083,011	32,637,772	34,340,946	37,584,862	39,845,849	41,190,565
Other labor income	3,955,846	4,471,295	4,692,837	4,898,026	5,073,699	5,151,022	2,664,419	3,080,710	3,282,722	3,465,804	3,613,722	3,704,173
Proprietors' income[6]	6,495,030	5,856,141	6,720,079	7,484,436	8,053,785	9,170,130	3,205,720	3,093,217	3,554,772	4,125,922	4,535,328	4,980,696
Farm	1,082,426	629,878	762,992	755,032	700,977	1,259,787	110,782	72,471	74,188	130,546	109,930	199,763
Nonfarm	5,412,604	5,226,263	5,957,087	6,729,404	7,352,808	7,910,343	3,094,938	3,020,746	3,480,584	3,995,376	4,425,398	4,780,933
Earnings by industry:												
Farm	1,585,986	1,156,713	1,273,610	1,259,542	1,212,838	1,775,984	204,630	170,815	169,365	224,288	205,356	296,047
Nonfarm	52,921,647	56,179,738	58,970,586	63,925,270	67,505,124	69,420,539	35,748,520	38,640,884	41,009,075	44,952,300	47,789,543	49,579,387
Private	43,274,047	45,672,343	47,681,605	51,918,542	54,595,592	55,831,278	29,198,911	31,492,015	33,366,266	36,816,352	38,997,381	40,246,547
Agricultural services, forestry, fisheries, and other[7]	276,877	287,428	378,324	377,276	359,212	386,774	126,639	139,540	166,905	177,057	179,356	189,830
Agricultural services	253,358	283,381	320,512	329,586	322,705	342,318	113,778*	(D)	(D)	(D)	171,583*	180,953*
Forestry, fisheries, and other[7]	23,519	4,047	57,812	47,690	36,507	44,456	(D)	(D)	(D)	(D)	5,609*	6,399*
Mining	3,997,534	3,992,298	3,519,938	3,524,808	3,360,805	2,879,329	1,628,535	1,797,014	1,659,263	1,628,126	1,527,873	1,319,352
Coal mining	665,541	722,811	648,704	666,249	705,162	669,482	27,770*	(D)	(D)	(D)	(D)	47,714*
Oil and gas extraction	2,069,633	2,203,885	1,951,003	1,998,726	1,939,787	1,620,439	1,176,680*	1,325,035*	1,218,323*	1,246,568*	1,271,843*	1,121,185*
Metal mining	989,083	792,151	646,520	584,023	436,674	400,823	368,754*	(D)	(D)	258,778*	155,288*	140,175*
Nonmetallic minerals, except fuels	273,277	273,451	273,711	275,810	279,182	188,585	(D)	(D)	(D)	(D)	(D)	(D)
Construction	4,586,062	4,946,828	4,996,734	5,491,812	5,661,575	5,506,089	2,756,123	3,051,070	3,268,078	3,736,740	3,788,612	3,691,065
Manufacturing	8,019,485	8,154,743	8,499,044	9,499,619	9,936,600	10,158,080	6,059,074	6,306,422	6,451,858	7,239,417	7,607,670	7,823,800
Nondurable goods	2,541,739	2,689,618	2,812,219	3,063,296	3,215,768	3,322,152	1,779,359	1,886,727	1,972,443	2,134,096	2,264,777	2,356,143
Food and kindred products	1,038,401	1,105,613	1,135,266	1,181,256	1,198,057	1,249,988	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	5,069	6,480	8,724	8,329	7,591	7,798	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	101,201	102,660	106,753	116,301	118,870	122,806	(D)	74,104*	73,544*	82,104*	84,208*	86,324*
Paper and allied products	128,293	130,960	151,215	170,268	186,215	198,598	53,173*	(D)	(D)	(D)	(D)	(D)
Printing and publishing	498,259	551,448	604,877	691,685	758,299	791,490	397,958*	448,834*	492,579*	571,840*	632,520*	658,523*
Chemicals and allied products	333,188	378,285	398,860	494,973	536,765	541,267	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	190,525	190,479	184,892	168,648	166,977	163,383	143,669*	146,987*	144,413*	137,532*	142,460	142,521
Tobacco manufactures	165	(L)	109	129	82	82	165	(L)	109	(D)	(D)	(D)
Rubber and misc. plastic products	185,797	168,217	165,947	184,273	197,790	204,318	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	60,841	55,430	55,576	47,434	45,122	42,422	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	5,477,746	5,465,125	5,686,825	6,436,323	6,720,832	6,835,928	4,279,715	4,419,695	4,479,415	5,105,321	5,342,893	5,467,657
Lumber and wood products	763,505	618,553	752,977	803,757	798,074	793,223	(D)	144,463*	157,368*	180,553*	180,035*	(D)
Furniture and fixtures	77,982	80,187	91,560	110,593	119,583	121,947	58,182*	63,580*	(D)	(D)	(D)	(D)
Primary metal industries	689,448	491,602	373,706	423,988	374,088	301,039	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	471,117	446,685	429,749	493,142	500,534	487,901	(D)	375,239*	361,094*	419,865	421,549	409,057*
Machinery, except electrical	1,033,252	1,169,769	1,204,745	1,366,646	1,391,023	1,408,401	(D)	(D)	(D)	1,152,532*	1,176,745*	1,210,492*
Electric and electronic equipment	531,041	603,758	704,351	841,525	970,653	982,957	(D)	520,686*	609,461*	(D)	(D)	837,282*
Transportation equip. exc. motor vehicles	625,390	697,935	715,119	847,137	1,046,909	1,195,188	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	67,268	71,179	78,600	94,704	99,638	101,557	57,847*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	427,730	414,171	412,536	476,994	481,840	479,708	312,390*	295,838*	293,254*	348,864*	345,069*	351,150
Instruments and related products	668,510	755,653	798,271	837,518	790,161	809,894	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	122,503	115,633	125,211	140,319	148,329	154,113	102,697*	98,466*	108,369*	115,218*	122,863*	126,097*
Transportation and public utilities	4,852,344	5,264,534	5,485,688	5,774,794	5,963,638	6,070,075	3,253,419	3,564,455	3,781,881	3,961,319	4,152,866	4,245,233
Railroad transportation	741,444	742,456	753,333	799,868	765,499	720,263	349,487*	351,186*	359,187*	396,867	380,310	350,369*
Trucking and warehousing	1,235,189	1,254,745	1,232,245	1,404,895	1,399,059	1,398,446	757,398	769,586	770,882	864,481*	873,075	872,284
Water transportation	3,641	4,292	4,978	2,676	2,636	3,195	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	759,671	829,684	931,883	944,585	993,706	1,111,119	(D)	(D)	(D)	(D)	(D)	(D)
Communication	1,279,467	1,444,804	1,497,844	1,496,306	1,608,276	1,600,100	(D)	(D)	(D)	1,191,402*	1,305,939*	1,340,125
Electric, gas, and sanitary services	832,932	988,553	1,065,405	1,126,464	1,194,462	1,236,952	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,570,310	3,689,103	3,664,613	3,967,944	4,137,050	4,113,892	2,782,326	2,892,775	2,893,397	3,158,473	3,321,495	3,321,708
Retail trade	5,594,033	5,903,036	6,357,608	6,816,398	7,124,882	7,318,077	3,660,356	3,903,729	4,255,710	4,646,974	4,876,056	5,029,998
Finance, insurance, and real estate	2,711,539	2,870,594	3,323,737	3,675,171	4,011,843	4,490,415	2,125,312	2,286,225	2,653,301	2,965,363	3,278,315	3,621,980
Banking and credit agencies	1,087,554	1,239,368	1,405,402	1,542,593	1,624,261	1,743,633	775,469	851,558*	980,557*	1,111,400*	1,216,356*	1,330,115*
Other finance, insurance, and real estate[9]	1,623,985	1,631,226	1,918,335	2,132,578	2,387,582	2,656,782	1,349,843	1,316,749*	1,539,069*	1,747,018*	2,019,102*	2,246,003*
Services	9,665,863	10,563,779	11,455,919	12,790,720	14,039,987	14,998,547	6,807,127	7,550,785	8,235,873	9,302,883	10,265,138	11,003,581
Hotels and other lodging places	476,803	478,638	547,044	554,304	545,190	598,132	233,793*	237,337*	274,603*	274,117*	271,714*	297,994*
Personal services	468,685	523,513	568,587	610,681	738,662	772,134	327,419	367,102	402,005	436,486	521,791	546,291
Private households	98,206	107,369	113,567	126,991	128,198	131,947	(D)	(D)	(D)	(D)	(D)	(D)
Business services	1,662,046	1,878,416	2,125,056	2,489,912	2,900,618	3,109,154	1,194,335*	1,353,829*	1,557,708*	1,870,449*	2,162,679*	2,315,333*
Auto repair, services, and garages	504,847	516,657	562,806	661,080	704,456	725,019	326,001	340,972	373,344	443,698	473,925	491,071
Miscellaneous repair services	257,716	272,851	305,541	347,138	310,869	315,163	161,740	(D)	(D)	(D)	198,179	199,521
Amusement and recreation services	252,310	275,144	302,217	355,969	411,337	429,210	150,510	159,864	179,108	206,964	239,554	245,408
Motion pictures	38,997	43,726	47,472	78,231	91,595	104,461	(D)	31,271*	35,764*	58,148*	68,930*	78,548*
Health services	2,738,524	3,164,631	3,392,926	3,603,137	3,879,765	4,218,744	1,955,381	2,280,887	2,456,194	2,621,207	2,831,982	3,098,391
Legal services	593,240	714,069	797,630	949,761	1,045,602	1,154,777	471,596	577,994	648,863	771,729	849,769	939,665
Educational services	326,922	343,209	374,997	423,246	443,789	466,986	(D)	(D)	(D)	(D)	(D)	(D)
Social services	227,885	229,076	250,751	280,932	313,798	345,202	141,013*	(D)	(D)	178,848*	208,657*	244,256
Museums, botanical, zoological gardens	5,164	6,013	6,966	7,585	7,981	8,621	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	544,446	607,993	648,021	700,943	730,501	746,345	350,621*	401,454	425,258	464,383	486,425	501,085
Miscellaneous services	1,470,072	1,402,474	1,412,338	1,600,810	1,787,626	1,872,652	1,030,147*	1,077,253	1,087,143	1,250,825	1,403,817	1,470,744
Government and government enterprises	9,647,600	10,507,395	11,288,981	12,006,728	12,909,532	13,589,261	6,549,609	7,148,869	7,642,809	8,135,948	8,792,162	9,332,840
Federal, civilian	2,604,743	2,721,365	2,903,776	3,074,174	3,260,788	3,291,844	1,875,861	1,977,114	2,103,284	2,226,339	2,367,018	2,399,059
Military	1,009,979	1,130,612	1,183,871	1,247,041	1,358,853	1,464,579	866,067	975,971	1,001,819	1,058,841	1,165,480	1,248,547
State and local	6,032,878	6,655,418	7,201,334	7,685,513	8,289,891	8,832,838	3,807,681	4,195,784	4,537,706	4,850,768	5,259,664	5,685,234

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Rocky Mountain (Nonmetropolitan portion)						Far West[10]					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**25,651,612**	**26,553,771**	**27,801,820**	**29,112,523**	**30,307,393**	**31,376,910**	**396,338,280**	**418,671,761**	**448,599,683**	**492,579,431**	**532,896,621**	**573,054,363**
Nonfarm personal income	24,270,256	25,567,873	26,697,575	28,077,269	29,299,911	29,896,973	389,532,390	412,357,980	442,043,922	485,404,436	525,430,275	565,010,736
Farm income[1]	1,381,356	985,898	1,104,245	1,035,254	1,007,482	1,479,937	6,805,890	6,313,781	6,555,761	7,174,995	7,466,346	8,043,627
Population (thousands)[2]	2,672.9	2,737.6	2,776.1	2,790.2	2,787.5	2,775.1	32,016.8	32,608.8	33,169.7	33,723.2	34,388.4	35,104.8
Per capita personal income (dollars)	**9,597**	**9,700**	**10,015**	**10,434**	**10,872**	**11,307**	**12,379**	**12,839**	**13,524**	**14,607**	**15,496**	**16,324**
Derivation of total personal income:												
Total earnings by place of work	18,554,483	18,524,752	19,065,756	20,008,224	20,723,063	21,321,089	288,807,113	302,061,438	325,343,455	359,737,657	391,501,087	421,910,377
Less: Personal contributions for social insurance[3]	990,743	1,077,347	1,073,350	1,150,378	1,246,477	1,263,781	15,283,329	16,466,913	18,479,841	20,452,144	23,188,834	25,150,854
Plus: Adjustment for residence	232,348	292,112	361,947	379,147	448,046	456,049	107,162	158,683	223,920	221,032	215,868	125,970
Equals: Net earnings by place of residence	17,796,088	17,739,517	18,354,353	19,236,993	19,924,632	20,513,357	273,630,946	285,753,208	307,087,534	339,506,545	368,528,121	396,885,493
Plus: Dividends, interest, and rent[5]	4,358,806	4,832,799	5,072,882	5,404,518	5,604,226	5,786,818	66,344,369	70,770,547	75,529,249	84,829,249	90,246,462	96,908,025
Plus: Transfer payments	3,496,718	3,981,455	4,374,585	4,471,012	4,778,535	5,076,735	56,362,965	62,148,006	65,982,900	68,243,637	74,122,038	79,260,845
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,973,746	14,371,243	14,490,334	15,217,488	15,744,629	15,684,806	234,847,688	246,905,639	262,862,724	289,814,435	314,553,264	337,949,190
Other labor income	1,291,427	1,390,585	1,410,115	1,432,222	1,459,977	1,446,849	22,327,191	24,596,445	26,693,303	28,452,448	30,490,390	32,106,227
Proprietors' income[6]	3,289,310	2,762,924	3,165,307	3,358,514	3,518,457	4,189,434	31,632,234	30,559,354	35,787,428	41,470,774	46,457,433	51,854,960
Farm	971,644	557,407	688,804	624,486	591,047	1,060,024	4,699,013	3,869,459	4,188,228	4,852,401	5,120,386	5,689,494
Nonfarm	2,317,666	2,205,517	2,476,503	2,734,028	2,927,410	3,129,410	26,933,221	26,689,895	31,599,200	36,618,373	41,337,047	46,165,466
Earnings by industry:												
Farm	1,381,356	985,898	1,104,245	1,035,254	1,007,482	1,479,937	6,805,890	6,313,781	6,555,761	7,174,995	7,466,346	8,043,627
Nonfarm	17,173,127	17,538,854	17,961,511	18,972,970	19,715,581	19,841,152	282,001,223	295,747,657	318,787,694	352,562,662	384,034,741	413,866,750
Private	14,075,136	14,180,328	14,315,339	15,102,190	15,598,211	15,584,731	234,402,728	244,839,067	264,987,104	295,001,674	321,129,907	347,320,268
Agricultural services, forestry, fisheries, and other[7]	141,795*	141,785*	199,656*	185,982*	164,096*	182,178*	2,427,895	2,417,516	2,942,689	2,938,328	3,175,072	3,534,477
Agricultural services	(D)	131,544*	(D)	(D)	(D)	145,957*	2,048,769	2,161,330	2,377,778	2,518,722	2,545,834	2,799,325
Forestry, fisheries, and other[7]	(D)	(D)	46,296*	(D)	(D)	(D)	379,126	256,186	564,911	419,606	629,238	735,152
Mining	2,255,816*	2,099,060*	1,791,873*	1,772,779*	1,746,189*	1,494,652*	2,761,717	2,726,616	2,666,902	2,922,249	3,246,317	2,975,173
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	35,866	43,331	43,261	46,363	50,770	52,348
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,132,556	2,173,848	2,085,544	2,286,693	2,567,135	2,358,938
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	258,204	208,225	214,538	228,238	257,465	327,017
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	335,091	301,212	323,559	360,955	370,947	236,870
Construction	1,825,639*	1,890,618*	1,723,121*	1,750,956*	1,857,178*	1,796,060*	19,514,880	18,701,409	19,601,756	22,976,752	24,985,548	27,787,988
Manufacturing	1,958,352*	1,841,040*	2,040,579*	2,219,865*	2,281,507*	2,280,609*	60,870,026	62,947,714	66,282,492	72,802,363	77,382,900	80,920,768
Nondurable goods	699,478*	754,805*	792,134*	(D)	(D)	(D)	16,633,251	17,397,720	18,369,196	19,589,372	20,362,764	21,379,671
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	5,135,888	5,404,997	5,500,352	5,671,814	5,765,269	5,940,368
Textile mill products	(D)	1,052	1,242	(D)	(D)	(D)	257,790	249,498	292,116	305,291	318,560	354,752
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	1,400,363	1,423,007	1,499,295	1,687,934	1,671,356	1,848,076
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,803,616	1,801,506	1,895,342	2,077,582	2,186,375	2,288,824
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	3,182,606	3,353,862	3,676,794	4,033,733	4,328,939	4,674,351
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,975,275	2,114,726	2,251,381	2,425,667	2,596,696	2,685,492
Petroleum and coal products	46,288*	41,955*	37,311*	29,611*	22,751*	20,479*	1,400,608	1,609,355	1,701,873	1,641,910	1,758,743	1,733,666
Tobacco manufactures	0	0	0	0	0	0	1,721	269	671	922	467	580
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	1,305,448	1,287,198	1,405,745	1,611,954	1,615,015	1,735,049
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	169,936	153,302	145,627	132,565	121,344	118,513
Durable goods	(D)	(D)	(D)	(D)	(D)	(D)	44,236,775	45,549,994	47,913,296	53,212,991	57,020,136	59,541,097
Lumber and wood products	(D)	(D)	(D)	570,310*	(D)	(D)	3,922,936	3,430,432	4,031,604	4,343,244	4,291,489	4,467,197
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,007,657	952,550	1,053,771	1,224,981	1,279,358	1,328,804
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,439,842	2,194,445	2,102,350	2,303,681	2,119,758	2,124,519
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	4,101,108	3,912,644	3,923,561	4,445,101	4,620,338	4,545,380
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	6,689,429	7,129,559	7,302,460	8,124,137	8,579,802	8,611,207
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	8,843,267	9,936,341	11,185,322	12,916,623	14,379,714	14,519,070
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	10,666,939	11,246,116	11,117,157	12,048,168	13,534,274	15,272,849
Motor vehicles and equipment	6,372*	(D)	(D)	(D)	(D)	(D)	1,075,568	972,161	950,449	1,105,397	1,186,202	1,182,531
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,625,053	1,518,557	1,573,632	1,746,232	1,796,878	1,951,382
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	2,881,919	3,194,536	3,509,370	3,772,802	4,088,766	4,367,983
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	983,057	1,062,653	1,163,620	1,182,625	1,143,557	1,170,175
Transportation and public utilities	1,512,038*	1,609,240*	1,611,261*	1,713,750*	1,708,051*	1,645,463*	20,628,991	21,825,057	22,980,128	24,551,707	25,786,015	27,158,803
Railroad transportation	379,568*	368,216*	371,734*	396,853*	369,039*	357,928*	1,403,810	1,369,747	1,405,193	1,506,040	1,428,526	1,352,717
Trucking and warehousing	(D)	469,074*	444,796*	521,784*	509,775*	508,555*	4,562,249	4,655,851	4,900,187	5,617,224	5,750,098	6,036,384
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	889,983	908,712	973,452	1,117,680	1,153,409	1,223,110
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,454,298	4,740,535	4,959,764	5,223,056	5,559,927	6,158,102
Communication	(D)	(D)	(D)	(D)	(D)	(D)	6,528,962	7,082,763	7,392,596	7,379,576	7,678,683	7,809,719
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	2,789,689	3,067,449	3,348,936	3,708,131	4,215,372	4,578,771
Wholesale trade	768,156*	782,115*	755,891*	794,894*	803,736*	785,929*	18,485,844	19,019,090	19,975,535	22,637,571	24,813,050	26,596,664
Retail trade	1,933,151*	1,999,307	2,101,898	2,169,424	2,248,826	2,285,782*	29,876,122	31,054,797	34,053,208	36,795,369	39,634,864	42,528,164
Finance, insurance, and real estate	579,303*	577,818*	661,996*	704,735*	725,951*	766,471*	16,894,234	17,367,506	20,259,616	22,362,256	25,282,133	29,828,884
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	6,619,206	7,319,242	8,129,043	8,892,259	9,659,515	10,866,180
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	10,275,028	10,048,264	12,130,573	13,469,997	15,622,618	18,962,704
Services	2,805,977*	2,946,879*	3,149,666*	3,420,198*	3,712,429*	3,796,470*	62,943,019	68,779,362	76,224,778	87,015,079	96,824,008	105,989,347
Hotels and other lodging places	225,795*	(D)	(D)	(D)	(D)	(D)	2,748,476	2,774,283	3,159,291	3,670,476	4,134,946	4,502,510
Personal services	140,342*	154,652*	164,860*	168,320*	208,116*	211,574*	2,676,569	2,910,590	3,110,916	3,327,715	3,985,906	4,282,858
Private households	(D)	37,112*	39,075*	44,357*	45,999*	46,794*	1,069,051	1,163,661	1,228,021	1,384,890	1,413,133	1,479,227
Business services	417,817*	480,790*	512,807*	(D)	(D)	(D)	12,686,666	14,574,831	16,775,435	20,125,738	22,775,920	25,498,594
Auto repair, services, and garages	177,777*	175,331*	189,170*	216,341*	229,414*	233,592*	3,033,498	3,017,338	3,412,414	4,022,246	4,363,809	4,677,330
Miscellaneous repair services	90,210*	97,322*	115,686*	133,880*	112,293*	115,231*	1,444,176	1,516,841	1,743,947	2,174,222	2,088,487	2,057,347
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	2,464,005	2,603,527	2,871,116	3,192,749	3,361,710	3,656,908
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,112,813	2,287,179	2,578,110	3,262,470	3,772,363	4,044,983
Health services	782,812*	883,744	936,732	906,923*	965,704*	1,028,884*	17,683,234	20,045,541	21,266,763	23,025,841	25,498,706	27,916,316
Legal services	121,492*	135,124*	147,885*	177,710*	195,544*	214,935*	3,861,775	4,596,609	5,278,774	6,310,965	7,115,216	8,171,074
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,948,517	2,177,415	2,394,074	2,674,683	2,884,284	2,794,938
Social services	(D)	(D)	(D)	(D)	(D)	(D)	1,336,082	1,400,854	1,509,321	1,686,600	1,895,110	2,154,481
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	46,860	54,869	65,145	74,608	86,620	100,479
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	2,593,638	2,836,095	2,991,882	3,149,528	3,299,162	3,371,169
Miscellaneous services	369,753*	295,112*	(D)	317,430*	(D)	(D)	7,237,659	6,819,729	7,839,569	8,932,348	10,148,636	11,281,133
Government and government enterprises	3,097,991	3,358,526	3,646,172	3,870,780	4,117,370	4,256,421	47,598,495	50,908,590	53,800,590	57,560,988	62,904,834	66,546,482
Federal, civilian	728,882	744,251	800,492	847,835	893,770	892,785	9,719,913	10,220,934	11,032,814	11,617,377	12,339,041	12,374,460
Military	143,912	154,641	182,052	188,200	193,373	216,032	5,646,256	6,511,477	6,938,436	7,381,132	7,958,486	8,164,349
State and local	2,225,197	2,459,634	2,663,628	2,834,745	3,030,227	3,147,604	32,232,326	34,176,179	35,829,340	38,562,479	42,607,307	46,007,673

See footnotes at end of tables.

Table 4.—Personal Income for Regions by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Far West (Metropolitan portion)[10]						Far West (Nonmetropolitan portion)[10]					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**367,668,067**	**389,311,769**	**416,629,554**	**458,526,865**	**497,088,233**	**534,907,376**	**28,670,213**	**29,359,992**	**31,970,129**	**34,052,566**	**35,808,388**	**38,146,987**
Nonfarm personal income	362,794,743	384,725,284	412,092,448	453,280,750	491,438,002	528,912,408	26,737,647	27,632,696	29,951,474	32,123,686	33,992,273	36,098,328
Farm income[1]	4,873,324	4,586,485	4,537,106	5,246,115	5,650,231	5,994,968	1,932,566	1,727,296	2,018,655	1,928,880	1,816,115	2,048,659
Population (thousands)[2]	29,140.7	29,696.6	30,229.0	30,744.6	31,369.8	32,047.4	2,876.1	2,912.2	2,940.7	2,978.5	3,018.6	3,057.4
Per capita personal income (dollars)	**12,617**	**13,110**	**13,782**	**14,914**	**15,846**	**16,691**	**9,969**	**10,082**	**10,872**	**11,433**	**11,863**	**12,477**
Derivation of total personal income:												
Total earnings by place of work	269,980,995	283,458,783	304,936,400	338,039,097	368,929,757	397,830,805	18,826,118	18,602,655	20,407,055	21,698,560	22,571,330	24,079,572
Less: Personal contributions for social insurance[3]	14,342,457	15,471,983	17,374,169	19,271,386	21,899,225	23,781,699	940,872	994,930	1,105,672	1,180,758	1,289,609	1,369,155
Plus: Adjustment for residence	−130,281	−138,312	−105,200	−135,794	−201,303	−368,747	237,443	296,995	329,120	356,826	417,171	494,717
Equals: Net earnings by place of residence	255,508,257	267,848,488	287,457,031	318,631,917	346,829,229	373,680,359	18,122,689	17,904,720	19,630,503	20,874,628	21,698,892	23,205,134
Plus: Dividends, interest, and rent[5]	60,999,968	65,128,456	69,379,979	78,162,153	83,220,760	89,423,831	5,344,401	5,642,091	6,149,270	6,667,096	7,025,702	7,484,194
Plus: Transfer payments	51,159,842	56,334,825	59,792,544	61,732,795	67,038,244	71,803,186	5,203,123	5,813,181	6,190,356	6,510,842	7,083,794	7,457,659
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	220,941,962	232,882,266	247,932,959	273,875,553	297,909,625	320,429,769	13,905,726	14,023,373	14,929,765	15,938,882	16,643,639	17,519,421
Other labor income	21,100,960	23,307,935	25,272,774	26,975,174	28,970,103	30,511,552	1,226,231	1,288,510	1,420,529	1,477,274	1,520,287	1,594,675
Proprietors' income[6]	27,938,073	27,268,582	31,730,667	37,188,370	42,050,029	46,889,484	3,694,161	3,290,772	4,056,761	4,282,404	4,407,404	4,965,476
Farm	3,242,572	2,682,559	2,688,060	3,430,155	3,808,346	4,145,872	1,456,441	1,186,900	1,500,168	1,422,246	1,312,040	1,543,622
Nonfarm	24,695,501	24,586,023	29,042,607	33,758,215	38,241,683	42,743,612	2,237,720	2,103,872	2,556,593	2,860,158	3,095,364	3,421,854
Earnings by industry:												
Farm	4,873,324	4,586,485	4,537,106	5,246,115	5,650,231	5,994,968	1,932,566	1,727,296	2,018,655	1,928,880	1,816,115	2,048,659
Nonfarm	265,107,671	278,872,298	300,399,294	332,792,982	363,279,526	391,835,837	16,893,552	16,875,359	18,388,400	19,769,680	20,755,215	22,030,913
Private	221,288,670	231,927,068	250,737,401	279,635,703	305,132,896	330,304,910	13,114,058	12,911,999	14,249,703	15,365,971	15,997,011	17,015,358
Agricultural services, forestry, fisheries, and other[7]	2,088,485	2,129,005	2,491,273	2,481,380*	2,677,085*	2,941,533*	334,339*	281,861*	441,273*	396,820*	433,341*	493,096*
Agricultural services	1,770,187*	1,894,929*	2,092,100*	2,217,106*	2,244,260*	2,538,797	199,681*	218,568*	236,262*	(D)	214,002*	255,130*
Forestry, fisheries, and other[7]	250,547*	191,182*	352,744*	250,009*	423,265*	494,278*	108,664*	61,939*	202,818*	156,035*	197,561*	228,309*
Mining	2,400,519	2,394,552	2,346,370	2,565,300	2,842,048*	2,546,884*	349,509*	(D)	(D)	339,711*	348,070*	363,064*
Coal mining	13,929*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	1,919,644*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	81,110*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	18,156,854	17,507,949	18,166,701	21,404,364*	23,435,332*	26,103,518*	1,353,735*	1,178,844*	1,417,161*	1,508,456*	1,477,259*	1,604,901*
Manufacturing	57,205,307	59,466,028	62,371,876	68,597,286	73,145,227	76,523,710	3,656,454*	3,474,352*	3,899,472*	4,184,063*	4,231,125*	4,389,837*
Nondurable goods	15,613,314	16,340,978	17,263,668	18,416,355	19,119,862	20,068,713	1,015,554*	1,052,150*	1,100,725*	1,164,403*	1,218,797*	1,288,125*
Food and kindred products	4,712,145*	4,952,785*	5,035,571*	5,193,712*	5,267,226*	5,453,960*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	286,314*	311,780*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,361,619*	1,393,847*	1,469,383*	1,655,410*	1,607,444*	1,782,998*	(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	3,069,876*	3,246,916*	3,563,353*	3,911,189*	4,191,114*	4,534,674*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	1,926,908*	2,061,042*	2,193,628*	2,360,689*	2,534,848*	2,623,953*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	1,342,904*	1,542,292*	1,632,479*	1,578,486*	1,682,062*	1,656,416*	54,479*	60,409*	61,469*	56,549*	74,099*	75,049*
Tobacco manufactures	1,721	269	671	887*	449*	549*	0	0	0	0	0	0
Rubber and misc. plastic products	1,219,024*	1,216,296*	1,328,488*	1,521,243*	1,525,882*	1,643,048*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	41,591,993	43,125,050	45,108,208	50,180,931	54,025,365	56,454,997	2,447,072*	2,270,592*	2,621,627*	2,868,919*	2,726,415*	2,843,444*
Lumber and wood products	1,939,429*	1,658,589*	1,919,306*	2,134,647*	2,111,150*	2,235,209*	1,818,046*	1,633,864*	1,975,140*	2,072,880*	1,977,702*	2,014,947*
Furniture and fixtures	976,102*	925,150*	1,025,094*	1,198,055*	1,250,548*	1,285,534*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	1,845,786*	1,757,084*	1,936,077*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,975,613*	3,852,888*	3,853,835*	4,357,177*	4,454,576*	4,440,772*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	6,830,363*	6,979,975*	7,799,793*	8,223,695*	8,217,275*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	8,737,313*	9,832,464*	11,073,782*	12,735,438*	14,168,889*	14,303,765*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	11,636,212*	13,173,800*	14,866,521*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,071,237*	(D)	(D)	(D)	(D)	(D)	3,412*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,500,187*	1,388,654*	1,441,376*	1,602,741*	1,636,700*	1,771,587*	(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	949,198*	(D)	(D)	1,155,566*	1,118,441	1,145,403*	(D)	(D)	(D)	(D)	(D)	22,005*
Transportation and public utilities	19,399,167	20,554,815	21,668,160	23,126,390	24,341,380	25,645,641	1,212,324*	1,251,400*	1,291,315*	1,385,858*	1,430,446*	1,497,748*
Railroad transportation	1,222,631*	1,211,283*	1,248,091*	1,305,969*	1,268,620*	1,189,461*	147,866*	(D)	(D)	158,989*	150,768*	155,660*
Trucking and warehousing	4,151,865*	4,207,007*	4,411,594*	5,063,426*	5,197,159*	5,447,676*	389,776*	392,426*	423,306*	503,481*	496,713*	531,631*
Water transportation	779,427*	800,022*	858,006*	987,164*	1,015,816*	1,091,959*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	6,235,102*	6,553,255*	6,926,278*	7,062,976*	6,945,561*	(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	17,841,946	18,369,175	19,324,353	21,927,774	24,084,628	25,849,617	625,770*	592,951*	598,159*	693,192*	719,290*	739,177*
Retail trade	27,850,975	29,031,582	31,884,308	34,502,018	37,211,454	39,928,805	2,025,147	2,023,215	2,168,900	2,293,351	2,423,410	2,599,359
Finance, insurance, and real estate	16,397,410	16,905,445	19,729,936	21,790,193	24,666,966	29,117,763	489,919*	450,251*	516,950*	559,681*	602,680*	697,776*
Banking and credit agencies	6,352,626*	6,768,515*	7,545,980*	8,426,542*	9,294,579*	10,530,020*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	10,024,985*	9,309,561*	11,222,806*	12,847,153*	15,041,204*	18,581,164*	(D)	(D)	(D)	(D)	(D)	(D)
Services	59,948,007	65,568,517	72,754,424	83,160,440	92,598,881	101,446,714	2,993,409*	3,198,890*	3,457,306*	3,851,081*	4,221,401*	4,538,559*
Hotels and other lodging places	2,293,890*	2,337,579*	2,657,977*	2,976,775*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	2,524,250	2,745,163	2,931,436	3,133,858*	3,744,826*	4,026,637*	152,319	164,099*	177,479*	182,812*	226,924*	242,372*
Private households	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Business services	12,303,655	14,105,146	16,244,768	19,509,798	22,060,641	24,724,665	(D)	(D)	(D)	(D)	(D)	(D)
Auto repair, services, and garages	2,840,020	2,838,211	3,204,956	3,771,682	4,097,634	4,394,758	191,267*	178,963*	207,272*	250,416*	265,984*	282,473*
Miscellaneous repair services	1,363,389*	1,437,769	1,636,018	2,038,536*	1,970,594*	1,931,008*	73,024*	79,041*	107,905*	134,193*	116,528*	115,041*
Amusement and recreation services	2,260,244*	2,397,996*	2,669,258*	2,998,589*	3,146,285*	3,422,886*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	2,095,314*	2,260,391*	2,551,376*	3,223,422*	3,732,560*	3,997,580*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	16,786,547	19,037,365	20,207,833	21,912,785	24,273,249	26,579,045	896,687	1,008,176	1,058,930	1,112,994*	1,225,251*	1,337,081*
Legal services	3,747,967	4,471,263	5,144,283	6,151,030	6,939,960	7,976,157	113,808	125,199*	134,165*	159,239*	174,717*	194,316*
Educational services	1,899,080*	2,120,300*	2,331,606*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	1,200,121*	1,310,729	1,410,616	1,578,404	1,777,309	2,024,525	80,125*	82,899*	91,173*	(D)	110,010*	121,656*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	2,382,764*	2,624,764	2,766,725	2,908,435	3,048,660	3,119,414	(D)	191,916*	205,387*	217,613*	226,492*	228,832*
Miscellaneous services	6,851,184*	6,515,170	7,534,237	8,586,357	9,753,337	10,852,413	302,829*	(D)	(D)	317,863*	364,488*	396,909*
Government and government enterprises	43,819,001	46,945,230	49,661,893	53,157,279	58,146,630	61,530,927	3,779,494	3,963,360	4,138,697	4,403,709	4,758,204	5,015,555
Federal, civilian	9,072,865	9,553,566	10,327,972	10,883,463	11,566,663	11,607,893	647,048	667,368	704,842	733,914	772,378	766,567
Military	5,364,894	6,190,195	6,586,552	7,002,956	7,552,822	7,748,479	281,362	321,282	351,884	378,176	405,664	415,870
State and local	29,381,242	31,201,469	32,747,369	35,270,860	39,027,145	42,174,555	2,851,084	2,974,710	3,081,971	3,291,619	3,580,162	3,833,118

See footnotes at end of tables.

Per Capita Personal Income, 1986

States

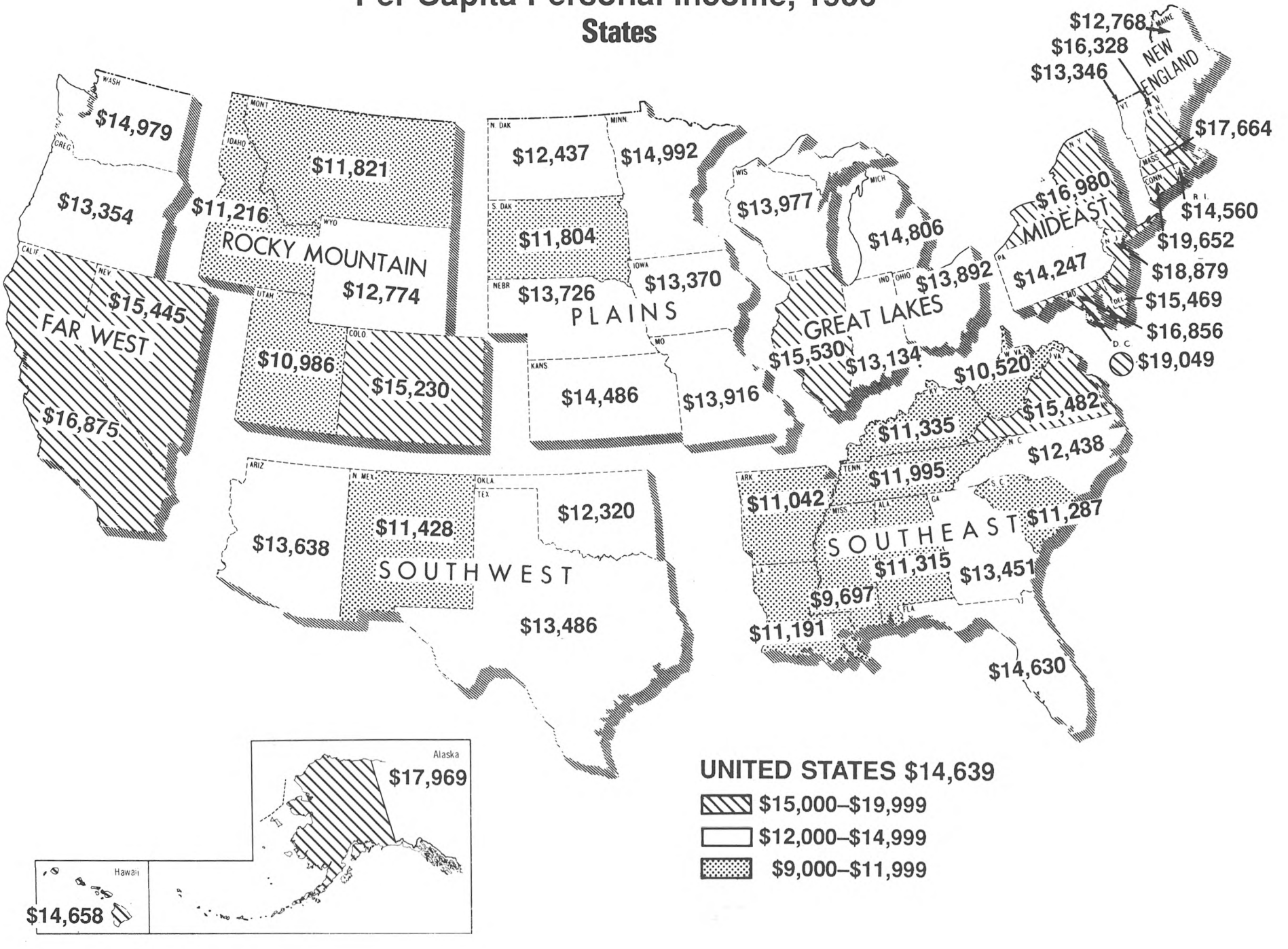


Table 5.—Personal Income for States by Type and Industry, 1981–86

[Thousands of dollars]

	Alabama						Alaska					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**33,261,347**	**34,851,257**	**37,093,167**	**40,349,074**	**43,225,071**	**45,854,434**	**6,448,745**	**7,739,371**	**8,758,423**	**9,139,835**	**9,658,712**	**9,587,495**
Nonfarm personal income	32,635,373	34,257,012	36,607,920	39,598,483	42,536,536	45,105,916	6,445,073	7,733,270	8,752,564	9,131,941	9,647,098	9,572,418
Farm income[1]	625,974	594,245	485,247	750,591	688,535	748,518	3,672	6,101	5,859	7,894	11,614	15,077
Population (thousands)[2]	3,928.1	3,944.1	3,963.7	3,992.1	4,022.1	4,052.6	415.4	445.7	482.9	505.3	522.4	533.6
Per capita personal income (dollars)	**8,467**	**8,836**	**9,358**	**10,107**	**10,747**	**11,315**	**15,526**	**17,366**	**18,136**	**18,089**	**18,489**	**17,969**
Derivation of total personal income:												
Total earnings by place of work	24,292,908	24,901,424	26,543,009	29,182,180	31,422,812	33,399,927	6,201,084	7,176,390	8,042,582	8,461,012	8,687,194	8,374,707
Less: Personal contributions for social insurance[3]	1,403,632	1,499,804	1,590,880	1,764,981	1,967,825	2,009,522	409,682	456,734	479,545	514,345	543,344	522,981
Plus: Adjustment for residence	419,413	459,081	479,063	514,416	517,509	520,972	−404,385	−489,984	−540,656	−550,111	−542,156	−458,282
Equals: Net earnings by place of residence	23,308,689	23,860,701	25,431,192	27,931,615	29,972,496	31,911,377	5,387,017	6,229,672	7,022,381	7,396,556	7,601,694	7,393,444
Plus: Dividends, interest, and rent[5]	4,129,814	4,529,190	4,688,836	5,199,899	5,574,666	5,961,278	500,559	601,431	735,814	845,888	966,050	987,701
Plus: Transfer payments	5,822,844	6,461,366	6,973,139	7,217,560	7,677,909	7,981,779	561,169	908,268	1,000,228	897,391	1,090,968	1,206,350
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	19,760,827	20,420,303	21,701,261	23,645,221	25,523,081	27,036,617	5,249,335	6,081,604	6,667,837	6,993,214	7,133,741	6,809,748
Other labor income	1,973,275	2,120,511	2,245,137	2,363,825	2,507,634	2,624,209	443,846	538,763	608,219	611,634	620,752	593,656
Proprietors' income[6]	2,558,806	2,360,610	2,596,611	3,173,134	3,392,097	3,739,101	507,903	556,023	766,526	856,164	932,701	971,303
Farm	541,972	499,437	394,315	661,515	597,823	657,877	1,410	3,567	3,396	5,495	9,169	12,571
Nonfarm	2,016,834	1,861,173	2,202,296	2,511,619	2,794,274	3,081,224	506,493	552,456	763,130	850,669	923,532	958,732
Earnings by industry:												
Farm	625,974	594,245	485,247	750,591	688,535	748,518	3,672	6,101	5,859	7,894	11,614	15,077
Nonfarm	23,666,934	24,307,179	26,057,762	28,431,589	30,734,277	32,651,409	6,197,412	7,170,289	8,036,723	8,453,118	8,675,580	8,359,630
Private	18,823,502	19,130,077	20,529,785	22,576,379	24,333,692	25,983,375	4,353,724	5,075,448	5,744,055	5,999,426	6,061,847	5,674,622
Agricultural services, forestry, fisheries, and other[7]	120,623	104,196	154,231	150,169	142,528	152,574	61,382	47,057	106,293	42,905	167,224	175,396
Agricultural services	66,056	69,725	82,605	86,755	85,999	95,443	6,684	9,434	10,151	12,260	10,491	10,190
Forestry, fisheries, and other[7]	54,567	34,471	71,626	63,414	56,529	57,131	54,698	37,623	96,142	30,645	156,733	165,206
Mining	510,249	555,845	482,688	533,158	591,452	533,982	492,263	514,661	511,287	562,776	645,779	659,430
Coal mining	371,940	424,770	360,711	395,864	432,665	384,760	(D)	(D)	(D)	9,335	(D)	10,791
Oil and gas extraction	91,449	82,527	72,493	79,584	99,622	93,637	(D)	481,686	472,493	527,422	607,432	630,258
Metal mining	(D)	947	1,143	1,412	1,186	(D)	(D)	21,650	26,115	20,797	(D)	22,109
Nonmetallic minerals, except fuels	(D)	47,601	48,341	56,298	57,979	(D)	5,620	(D)	(D)	5,222	6,615	−3,728
Construction	1,369,067	1,358,202	1,447,066	1,568,340	1,774,997	1,901,899	848,723	1,132,623	1,406,659	1,390,890	1,191,397	950,091
Manufacturing	6,655,919	6,371,558	6,794,790	7,532,536	7,851,331	8,196,579	366,554	354,048	350,195	344,064	349,488	364,016
Nondurable goods	3,073,740	3,099,530	3,354,378	3,579,487	3,674,254	3,878,615	253,289	239,073	237,998	234,830	244,367	256,105
Food and kindred products	423,524	433,591	445,107	477,045	499,903	538,863	152,426	141,690	131,101	126,387	132,558	138,592
Textile mill products	562,401	529,873	610,051	619,792	600,322	664,639	(D)	129	229	193	(D)	161
Apparel and other textile products	523,405	534,712	584,475	610,690	614,924	646,379	660	1,034	961	911	913	875
Paper and allied products	592,336	638,288	703,679	741,505	784,722	810,036	40,986	34,801	34,801	29,051	25,828	32,392
Printing and publishing	170,029	175,870	190,560	222,389	245,910	267,977	27,296	32,168	37,256	42,485	46,401	45,571
Chemicals and allied products	388,322	370,460	351,930	376,804	392,747	392,878	(D)	18,021	19,247	20,146	20,683	18,716
Petroleum and coal products	42,652	(D)	(D)	50,555	51,063	(D)	13,809	10,145	13,009	14,164	16,381	18,648
Tobacco manufactures	9,629	(D)	(D)	6,727	6,513	(D)	(L)	(L)	(L)	(D)	(L)	(L)
Rubber and misc. plastic products	358,952	359,975	411,305	471,808	476,809	494,614	1,089	(D)	(D)	1,484	1,506	1,182
Leather and leather products	2,490	(D)	(D)	2,172	1,341	(D)	(D)	(D)	(D)	(D)	(D)	(L)
Durable goods	3,582,179	3,272,028	3,440,412	3,953,049	4,177,077	4,317,964	113,265	114,975	112,197	109,234	105,121	107,911
Lumber and wood products	424,186	378,159	450,707	518,777	537,712	543,332	81,246	79,571	75,584	67,273	67,264	77,005
Furniture and fixtures	104,913	106,215	118,508	139,211	152,119	166,340	273	287	539	927	999	(D)
Primary metal industries	1,078,656	837,750	721,649	798,898	820,972	819,032	669	695	1,153	(D)	917	901
Fabricated metal products	477,944	457,239	451,812	504,142	502,873	510,620	8,477	8,910	7,266	7,179	6,505	5,065
Machinery, except electrical	295,192	278,454	325,803	401,707	466,803	494,537	3,121	3,485	3,350	3,209	3,969	3,283
Electric and electronic equipment	327,463	356,105	439,708	496,984	517,958	545,096	(D)	504	479	769	423	440
Transportation equip. exc. motor vehicles	384,755	398,205	384,941	419,529	470,133	493,935	2,477	2,651	2,752	2,643	3,725	2,600
Motor vehicles and equipment	174,822	156,133	207,622	296,222	334,312	355,015	143	(D)	(D)	(D)	(D)	(L)
Stone, clay, and glass products	186,466	176,002	187,755	198,648	210,904	222,095	14,083	16,140	18,129	21,043	18,525	15,628
Instruments and related products	56,785	60,170	65,783	72,557	54,413	68,553	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	70,997	67,596	86,124	106,374	108,878	99,409	2,457	2,602	2,749	2,501	2,500	1,912
Transportation and public utilities	1,804,139	1,943,959	2,053,415	2,192,192	2,217,308	2,261,994	722,112	787,040	802,889	827,104	795,228	745,798
Railroad transportation	204,115	205,538	215,941	232,117	223,032	208,259	8,649	4,442	165	75	(L)	(L)
Trucking and warehousing	492,776	502,381	527,846	628,322	644,181	677,389	119,303	125,281	115,233	116,510	110,179	94,273
Water transportation	84,786	80,811	76,992	71,586	72,772	69,306	41,562	47,697	50,465	49,871	52,269	43,495
Other transportation[8]	71,853	77,734	79,523	87,354	98,364	103,055	286,975	308,800	316,967	328,990	306,765	292,954
Communication	531,059	592,674	622,513	596,758	562,083	552,618	203,313	226,728	236,022	231,700	213,995	202,740
Electric, gas, and sanitary services	419,550	484,821	530,600	576,055	616,876	651,367	62,310	74,092	84,037	99,958	111,981	112,297
Wholesale trade	1,375,227	1,424,229	1,458,007	1,630,824	1,787,044	1,858,999	202,744	242,165	276,212	301,513	308,408	281,655
Retail trade	2,222,721	2,288,939	2,519,358	2,745,486	2,935,353	3,205,264	516,909	614,384	716,296	770,268	780,652	726,756
Finance, insurance, and real estate	1,024,063	1,049,076	1,182,244	1,284,790	1,433,283	1,621,891	212,041	257,286	306,842	352,092	380,434	384,240
Banking and credit agencies	414,863	446,615	487,900	527,177	582,843	656,752	88,824	109,548	132,633	154,462	165,408	169,882
Other finance, insurance, and real estate[9]	609,200	602,461	694,344	757,613	850,440	965,139	123,217	147,738	174,209	197,630	215,026	214,358
Services	3,741,494	4,034,073	4,437,986	4,938,884	5,600,396	6,250,193	930,996	1,126,184	1,267,382	1,407,814	1,443,237	1,387,240
Hotels and other lodging places	86,570	86,615	96,424	103,389	110,962	124,402	58,045	66,066	75,116	82,355	82,435	84,269
Personal services	194,755	198,406	208,736	224,000	264,933	288,063	33,119	44,203	55,074	61,309	67,233	66,046
Private households	147,551	157,982	164,490	183,210	184,637	190,446	5,276	6,006	6,770	7,826	8,091	8,449
Business services	444,839	529,121	569,495	661,335	890,154	1,118,535	188,141	248,246	280,295	296,073	307,837	282,367
Auto repair, services, and garages	195,474	182,218	212,849	250,778	279,735	297,583	40,160	43,668	56,711	64,436	63,304	60,719
Miscellaneous repair services	84,964	85,745	90,878	109,757	106,627	112,321	23,395	30,389	39,585	49,267	41,999	39,839
Amusement and recreation services	50,673	55,264	61,447	68,986	83,310	81,386	8,464	10,285	12,125	15,576	20,463	23,861
Motion pictures	6,948	(D)	(D)	8,730	9,593	11,707	1,987	3,130	3,674	9,452	10,528	10,988
Health services	1,347,054	1,534,954	1,651,711	1,752,782	1,874,372	2,052,684	196,882	233,433	257,073	285,664	293,918	301,003
Legal services	218,701	253,333	290,834	354,374	398,831	450,949	62,714	79,337	83,275	91,440	95,058	94,195
Educational services	125,909	133,426	141,817	156,418	168,382	177,803	14,629	15,506	17,896	19,414	21,630	23,939
Social services	90,315	88,412	96,440	106,435	116,125	124,800	66,195	69,554	70,611	71,608	79,464	83,925
Museums, botanical, zoological gardens	67	(D)	(D)	269	328	376	398	450	447	527	544	533
Membership organizations	197,126	210,133	211,149	219,872	227,021	228,234	61,714	69,160	76,883	81,199	84,661	85,515
Miscellaneous services	550,548	510,564	632,345	738,549	885,386	990,904	169,877	206,751	231,847	271,668	266,072	221,592
Government and government enterprises	4,843,432	5,177,102	5,527,977	5,855,210	6,400,585	6,668,034	1,843,688	2,094,841	2,292,668	2,453,692	2,613,733	2,685,008
Federal, civilian	1,497,703	1,577,076	1,653,324	1,738,373	1,822,868	1,783,668	428,101	451,202	487,724	522,079	513,370	526,906
Military	550,747	631,662	659,451	708,042	746,354	772,912	360,854	409,881	431,537	451,289	475,197	499,562
State and local	2,794,982	2,968,364	3,215,202	3,408,795	3,831,363	4,111,454	1,054,733	1,233,758	1,373,407	1,480,324	1,625,166	1,658,540

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Arizona						Arkansas					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**28,338,935**	**29,756,060**	**32,750,453**	**36,800,322**	**40,941,154**	**44,727,645**	**19,139,316**	**19,855,094**	**21,158,400**	**23,308,859**	**24,845,807**	**26,194,430**
Nonfarm personal income	27,903,756	29,333,752	32,385,957	36,251,912	40,492,497	44,229,376	18,168,796	19,142,620	20,580,135	22,236,900	23,763,038	25,078,650
Farm income[1]	435,179	422,308	364,496	548,410	448,657	498,269	970,520	712,474	578,265	1,071,959	1,082,769	1,115,780
Population (thousands)[2]	2,805.7	2,880.0	2,951.8	3,041.0	3,153.5	3,279.7	2,300.3	2,307.5	2,325.7	2,346.6	2,359.6	2,372.2
Per capita personal income (dollars)	**10,100**	**10,332**	**11,095**	**12,101**	**12,983**	**13,638**	**8,320**	**8,605**	**9,098**	**9,933**	**10,530**	**11,042**
Derivation of total personal income:												
Total earnings by place of work	20,381,368	21,077,871	23,080,403	26,359,883	29,402,922	32,282,909	13,391,169	13,537,432	14,475,734	16,351,146	17,295,776	18,335,717
Less: Personal contributions for social insurance[3]	1,168,027	1,269,997	1,326,471	1,516,536	1,745,299	1,916,975	749,441	809,334	880,564	972,659	1,084,752	1,160,307
Plus: Adjustment for residence	−34,111	−39,952	−54,045	−80,951	−77,852	−89,943	−36,491	−22,506	−51,308	−69,402	−66,109	−106,971
Equals: Net earnings by place of residence	19,179,230	19,767,922	21,699,887	24,762,396	27,579,771	30,275,991	12,605,237	12,705,592	13,543,862	15,309,085	16,144,915	17,068,439
Plus: Dividends, interest, and rent[5]	5,031,468	5,347,372	5,940,707	6,678,703	7,422,114	8,083,803	2,876,656	3,163,727	3,320,153	3,580,769	3,940,558	4,144,152
Plus: Transfer payments	4,128,237	4,640,766	5,109,859	5,359,223	5,939,269	6,367,851	3,657,423	3,985,775	4,294,385	4,419,005	4,760,334	4,981,839
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	16,952,227	17,645,254	19,284,090	21,903,859	24,515,456	26,839,516	10,125,659	10,484,040	11,257,175	12,350,696	13,065,716	13,819,899
Other labor income	1,616,439	1,700,209	1,836,430	1,994,525	2,195,182	2,370,073	1,048,888	1,134,652	1,226,034	1,293,005	1,341,784	1,406,683
Proprietors' income[6]	1,812,702	1,732,408	1,959,883	2,461,499	2,692,284	3,073,320	2,216,622	1,918,740	1,992,525	2,707,445	2,888,276	3,109,135
Farm	283,350	259,624	210,107	397,843	295,566	344,603	813,739	538,367	410,495	906,951	915,529	947,674
Nonfarm	1,529,352	1,472,784	1,749,776	2,063,656	2,396,718	2,728,717	1,402,883	1,380,373	1,582,030	1,800,494	1,972,747	2,161,461
Earnings by industry:												
Farm	435,179	422,308	364,496	548,410	448,657	498,269	970,520	712,474	578,265	1,071,959	1,082,769	1,115,780
Nonfarm	19,946,189	20,655,563	22,715,907	25,811,473	28,954,265	31,784,640	12,420,649	12,824,958	13,897,469	15,279,187	16,213,007	17,219,937
Private	16,278,310	16,609,414	18,372,710	21,172,245	23,874,505	26,227,845	10,406,526	10,662,090	11,604,917	12,768,934	13,488,224	14,336,518
Agricultural services, forestry, fisheries, and other[7]	161,170	159,280	178,929	197,371	206,899	244,044	83,333	77,909	105,995	102,696	85,556	95,182
Agricultural services	158,715	158,698	174,540	194,502	201,422	237,200	68,496	73,007	76,086	79,138	70,488	76,965
Forestry, fisheries, and other[7]	2,455	582	4,389	2,869	5,477	6,844	14,837	4,902	29,909	23,558	15,068	18,217
Mining	851,112	632,173	527,315	513,029	526,348	511,655	171,113	174,950	158,303	166,726	180,848	141,992
Coal mining	44,122	50,324	47,729	(D)	(D)	(D)	(D)	3,121	1,334	1,515	1,257	2,406
Oil and gas extraction	80,381	70,640	58,444	(D)	96,290	(D)	131,838	137,615	127,301	132,431	142,187	114,462
Metal mining	713,822	499,819	407,338	386,891	368,510	350,876	(D)	9,314	5,254	5,722	9,323	(D)
Nonmetallic minerals, except fuels	12,787	11,390	13,804	14,242	(D)	(D)	(D)	24,900	24,414	27,058	28,081	(D)
Construction	1,860,591	1,758,911	2,102,535	2,590,878	3,029,023	3,227,329	874,777	826,083	858,855	981,843	1,065,566	1,171,463
Manufacturing	3,583,168	3,658,164	3,901,883	4,488,698	4,884,839	5,273,843	3,446,953	3,399,978	3,705,462	4,096,839	4,166,265	4,381,755
Nondurable goods	608,589	630,401	668,092	736,857	782,437	883,846	1,591,702	1,627,336	1,737,031	1,840,630	1,870,955	2,004,124
Food and kindred products	178,619	177,009	176,175	181,643	189,669	212,866	480,234	519,413	559,750	610,336	654,988	747,486
Textile mill products	2,829	3,714	5,254	3,953	3,596	5,398	53,563	(D)	(D)	60,114	37,731	(D)
Apparel and other textile products	51,766	(D)	(D)	59,193	57,076	62,664	119,151	107,443	111,300	116,664	112,481	121,581
Paper and allied products	44,280	41,772	42,467	48,531	51,525	59,485	327,371	322,687	354,005	369,633	373,720	395,626
Printing and publishing	193,933	211,423	234,841	271,709	300,065	337,313	135,934	147,181	156,321	169,353	181,779	194,180
Chemicals and allied products	73,512	76,949	83,673	89,678	92,243	102,903	198,053	191,484	184,015	174,497	169,582	164,654
Petroleum and coal products	7,517	6,673	5,189	5,079	5,653	5,837	40,817	43,700	47,581	40,798	37,856	(D)
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(L)	(L)	(L)
Rubber and misc. plastic products	50,300	53,149	59,409	71,622	77,143	91,831	157,026	172,067	187,224	225,398	226,414	239,390
Leather and leather products	5,791	(D)	(D)	5,421	5,453	5,535	79,535	75,322	77,791	73,825	76,398	69,468
Durable goods	2,974,579	3,027,763	3,233,791	3,751,841	4,102,402	4,389,997	1,855,251	1,772,642	1,968,431	2,256,209	2,295,310	2,377,631
Lumber and wood products	100,542	88,393	112,352	136,121	143,462	167,004	321,492	298,464	336,428	363,235	368,185	383,521
Furniture and fixtures	30,196	29,915	36,025	44,791	52,893	58,380	128,234	118,677	130,201	147,019	148,848	159,420
Primary metal industries	283,192	229,114	210,608	230,411	244,898	244,210	168,764	149,427	163,413	210,185	203,555	185,693
Fabricated metal products	158,972	156,080	165,446	197,618	203,311	200,874	245,497	251,508	260,995	315,373	327,734	332,369
Machinery, except electrical	657,079	706,326	731,362	785,433	825,954	792,392	245,041	224,126	238,371	293,969	354,815	381,999
Electric and electronic equipment	782,778	855,371	933,096	1,127,573	1,164,887	1,234,716	385,940	377,941	470,944	527,618	471,247	480,119
Transportation equip. exc. motor vehicles	550,780	570,389	614,439	707,743	839,466	1,021,356	64,356	58,113	57,616	62,935	76,663	85,036
Motor vehicles and equipment	29,847	27,698	28,968	36,353	43,720	46,244	56,516	64,405	70,326	82,869	88,136	96,011
Stone, clay, and glass products	138,741	123,081	150,590	183,900	209,514	220,081	85,366	85,341	94,514	104,008	106,074	106,985
Instruments and related products	200,842	199,315	202,563	243,696	310,394	333,684	99,105	97,629	96,434	91,704	94,996	105,318
Miscellaneous manufacturing industries	41,610	42,081	48,342	58,202	63,903	71,056	54,940	47,011	49,189	57,294	55,057	61,160
Transportation and public utilities	1,421,031	1,421,209	1,529,142	1,632,531	1,766,732	1,894,791	1,076,864	1,167,885	1,227,503	1,360,429	1,422,335	1,499,395
Railroad transportation	103,265	101,661	105,831	116,335	113,728	107,685	188,026	182,678	182,012	205,857	202,213	187,599
Trucking and warehousing	269,175	276,129	299,447	359,968	368,398	391,655	356,071	378,559	399,338	485,838	527,546	583,198
Water transportation	819	53	462	404	916	1,976	5,409	3,835	5,390	6,243	5,976	6,285
Other transportation[8]	230,442	238,660	261,027	276,120	289,933	336,810	56,499	60,700	63,306	70,385	73,023	74,673
Communication	430,159	489,671	503,586	495,392	531,915	533,630	258,873	285,477	295,698	283,560	288,689	306,081
Electric, gas, and sanitary services	387,171	315,035	358,789	384,312	461,842	523,035	211,986	256,636	281,759	308,546	324,888	341,559
Wholesale trade	1,077,091	1,108,603	1,164,990	1,366,483	1,555,808	1,624,203	716,848	727,781	752,004	847,664	894,281	913,818
Retail trade	2,329,257	2,455,188	2,677,748	2,998,628	3,389,064	3,666,368	1,427,439	1,474,850	1,649,209	1,765,567	1,871,946	1,972,938
Finance, insurance, and real estate	1,152,986	1,177,715	1,432,683	1,672,329	2,020,561	2,438,031	539,746	575,496	689,724	739,828	819,391	928,198
Banking and credit agencies	452,855	510,698	590,141	679,916	810,607	971,019	229,788	249,737	278,430	301,061	323,159	348,248
Other finance, insurance, and real estate[9]	700,131	667,017	842,542	992,413	1,209,954	1,467,012	309,958	325,759	411,294	438,767	496,232	579,950
Services	3,841,904	4,238,171	4,857,485	5,712,298	6,495,231	7,347,581	2,069,453	2,237,158	2,457,862	2,707,342	2,982,036	3,231,777
Hotels and other lodging places	242,769	243,192	293,909	316,505	340,963	392,911	65,691	68,037	76,974	83,033	81,668	90,015
Personal services	198,423	216,122	240,826	262,889	318,695	348,841	135,805	151,495	167,220	180,127	223,081	238,735
Private households	58,139	63,879	67,973	77,621	80,630	85,833	53,623	57,297	59,833	66,718	67,090	68,965
Business services	648,359	759,878	937,649	1,204,731	1,386,707	1,576,028	266,562	303,395	319,561	386,614	459,243	520,771
Auto repair, services, and garages	197,049	193,681	231,589	283,672	313,233	380,706	136,817	129,733	149,683	174,797	188,069	197,649
Miscellaneous repair services	77,884	83,342	103,664	127,374	118,505	134,051	46,614	52,211	59,786	70,277	63,353	66,077
Amusement and recreation services	81,308	89,423	99,261	118,851	143,253	155,809	38,965	40,572	42,774	46,523	51,391	55,013
Motion pictures	12,756	14,072	15,226	18,046	21,894	27,041	5,947	4,597	5,004	5,456	6,857	7,561
Health services	1,188,488	1,391,971	1,550,286	1,722,270	1,943,943	2,196,651	807,193	925,686	1,036,444	1,084,288	1,163,462	1,256,837
Legal services	260,877	310,895	363,863	442,464	516,389	597,320	99,189	118,066	136,692	164,708	183,215	202,213
Educational services	93,038	97,970	107,416	123,445	137,022	147,354	47,225	47,398	51,470	57,217	63,971	68,797
Social services	112,204	113,851	123,786	143,947	168,490	186,056	80,103	75,141	79,214	85,481	95,445	104,102
Museums, botanical, zoological gardens	5,274	5,722	6,117	6,957	7,492	8,478	202	206	343	376	428	441
Membership organizations	266,189	276,618	302,881	326,960	344,699	363,728	105,582	113,784	118,760	122,949	126,631	125,715
Miscellaneous services	399,147	377,555	413,039	536,566	653,316	746,774	179,935	149,540	154,104	178,778	208,132	228,886
Government and government enterprises	3,667,879	4,046,149	4,343,197	4,639,228	5,079,760	5,556,795	2,014,123	2,162,868	2,292,552	2,510,253	2,724,783	2,883,419
Federal, civilian	828,112	833,606	896,016	989,624	1,051,131	1,061,816	429,309	440,447	473,519	505,215	536,305	543,269
Military	429,912	483,927	539,094	549,457	550,696	589,416	186,526	209,679	232,019	253,485	268,879	281,849
State and local	2,409,855	2,728,616	2,908,087	3,100,147	3,477,933	3,905,563	1,398,288	1,512,742	1,587,014	1,751,553	1,919,599	2,058,301

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	California						Colorado					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**308,730,937**	**328,032,657**	**352,438,184**	**389,182,902**	**422,824,799**	**455,300,862**	**35,406,446**	**38,821,903**	**41,542,252**	**44,946,800**	**47,555,906**	**49,755,620**
Nonfarm personal income	303,550,085	323,182,327	347,625,309	383,823,475	417,044,289	449,449,426	34,926,169	38,433,577	41,037,365	44,411,037	46,995,885	49,107,859
Farm income[1]	5,180,852	4,850,330	4,812,875	5,359,427	5,780,510	5,851,436	480,277	388,326	504,887	535,763	560,021	647,761
Population (thousands)[2]	24,264.5	24,782.9	25,307.9	25,779.7	26,358.3	26,981.1	2,983.6	3,071.4	3,148.3	3,189.4	3,234.1	3,266.9
Per capita personal income (dollars)	**12,724**	**13,236**	**13,926**	**15,096**	**16,041**	**16,875**	**11,867**	**12,640**	**13,195**	**14,092**	**14,704**	**15,230**
Derivation of total personal income:												
Total earnings by place of work	224,771,394	237,211,963	256,935,236	286,025,502	312,989,126	337,344,984	27,144,130	29,550,593	31,358,698	34,177,817	36,221,689	37,786,114
Less: Personal contributions for social insurance[3]	11,885,442	12,826,628	14,556,247	16,251,598	18,529,390	20,116,628	1,464,148	1,602,001	1,658,820	1,824,441	2,014,335	2,112,734
Plus: Adjustment for residence	160,852	172,468	202,760	222,796	241,225	201,920	10,718	−10,877	−26,708	−26,907	−29,930	−36,063
Equals: Net earnings by place of residence	213,046,804	224,557,803	242,581,749	269,996,700	294,700,961	317,430,276	25,690,700	27,937,715	29,673,170	32,326,469	34,177,424	35,637,317
Plus: Dividends, interest, and rent[5]	52,024,807	55,579,365	59,218,348	66,934,590	71,292,487	76,778,501	5,726,664	6,369,559	6,897,673	7,489,761	7,902,172	8,253,967
Plus: Transfer payments	43,659,326	47,895,489	50,638,087	52,251,612	56,831,351	61,092,085	3,989,082	4,514,629	4,971,409	5,130,570	5,476,310	5,864,336
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	182,172,110	193,182,770	207,021,220	229,739,788	250,665,421	269,633,332	22,306,621	24,502,753	25,651,738	27,919,031	29,499,107	30,598,965
Other labor income	17,705,761	19,660,980	21,545,699	23,094,108	24,741,777	26,083,744	1,972,753	2,303,186	2,439,831	2,562,818	2,672,938	2,755,677
Proprietors' income[6]	24,893,523	24,368,213	28,368,317	33,191,606	37,581,928	41,627,908	2,864,756	2,744,654	3,267,129	3,695,968	4,049,644	4,431,472
Farm	3,549,619	2,949,349	2,966,836	3,549,151	3,955,595	4,021,570	337,611	241,345	362,488	395,553	417,001	503,550
Nonfarm	21,343,904	21,418,864	25,401,481	29,642,455	33,626,333	37,606,338	2,527,145	2,503,309	2,904,641	3,300,415	3,632,643	3,927,922
Earnings by industry:												
Farm	5,180,852	4,850,330	4,812,875	5,359,427	5,780,510	5,851,436	480,277	388,326	504,887	535,763	560,021	647,761
Nonfarm	219,590,542	232,361,633	252,122,361	280,666,075	307,208,616	331,493,548	26,663,853	29,162,267	30,853,811	33,642,054	35,661,668	37,138,353
Private	183,116,072	193,261,910	210,825,467	236,317,653	258,558,387	279,692,213	22,011,650	24,067,424	25,408,857	27,844,628	29,426,242	30,472,276
Agricultural services, forestry, fisheries, and other[7]	1,899,036	1,953,301	2,242,040	2,320,180	2,417,803	2,645,668	132,757	145,774	173,435	177,440	175,289	191,827
Agricultural services	1,753,427	1,859,673	2,043,406	2,175,500	2,213,603	2,418,497	129,675	145,626	165,386	172,494	168,433	183,850
Forestry, fisheries, and other[7]	145,609	93,628	198,634	144,680	204,200	227,171	3,082	148	8,049	4,946	6,856	7,977
Mining	2,250,753	2,261,163	2,246,229	2,459,015	2,718,086	2,452,126	1,629,622	1,752,439	1,595,686	1,620,455	1,591,387	1,441,772
Coal mining	(D)	(D)	(D)	4,856	(D)	(D)	218,632	228,206	208,180	215,870	220,402	205,841
Oil and gas extraction	1,946,189	2,013,903	1,959,888	2,146,523	2,362,315	2,155,215	1,014,101	1,200,779	1,153,856	1,160,895	1,165,840	1,052,006
Metal mining	(D)	(D)	(D)	58,081	(D)	(D)	375,808	297,872	209,132	218,119	177,935	177,098
Nonmetallic minerals, except fuels	213,849	186,233	216,061	249,555	262,262	171,542	21,081	25,582	24,518	25,571	27,210	6,827
Construction	14,562,434	14,285,638	15,255,724	18,265,681	20,110,096	22,400,845	2,200,277	2,536,316	2,658,894	2,891,419	2,882,733	2,802,940
Manufacturing	47,519,998	49,748,727	52,937,712	58,285,977	62,230,299	64,696,454	4,315,147	4,568,924	4,696,255	5,230,757	5,478,521	5,696,724
Nondurable goods	13,392,908	14,052,747	14,851,395	15,847,974	16,403,370	17,244,391	1,331,487	1,429,469	1,515,373	1,663,524	1,730,173	1,790,272
Food and kindred products	4,021,166	4,241,435	4,318,765	4,477,965	4,534,546	4,682,614	523,553	558,673	579,628	606,755	605,441	643,540
Textile mill products	216,949	207,597	247,396	260,567	269,021	303,817	4,215	5,111	6,477	6,109	5,915	(D)
Apparel and other textile products	1,292,674	1,307,773	1,376,612	1,549,087	1,538,152	1,712,610	38,200	38,894	35,514	40,306	43,143	44,753
Paper and allied products	969,718	974,341	1,035,209	1,138,153	1,191,349	1,259,486	43,401	42,504	49,154	57,559	57,473	58,716
Printing and publishing	2,630,720	2,777,061	3,059,470	3,361,322	3,594,922	3,877,259	307,600	349,433	384,853	452,294	495,092	514,948
Chemicals and allied products	1,629,821	1,734,270	1,824,568	1,964,741	2,088,138	2,157,439	178,717	218,657	242,678	276,278	298,957	302,080
Petroleum and coal products	1,294,909	1,510,188	1,598,013	1,541,384	1,650,223	1,623,360	35,380	35,768	38,422	39,972	38,540	36,986
Tobacco manufactures	1,528	238	583	806	409	472	113	(L)	57	76	(L)	(D)
Rubber and misc. plastic products	1,177,733	1,156,972	1,258,321	1,435,048	1,427,757	1,520,997	144,804	128,617	126,241	139,777	143,703	145,019
Leather and leather products	157,690	142,872	132,458	118,901	108,853	106,337	55,504	51,793	52,349	44,398	41,871	38,152
Durable goods	34,127,090	35,695,980	38,086,317	42,438,003	45,826,929	47,452,063	2,983,660	3,139,455	3,180,882	3,567,233	3,748,348	3,906,452
Lumber and wood products	1,230,261	1,024,569	1,218,261	1,389,338	1,427,114	1,552,535	73,289	65,474	73,379	83,813	85,511	88,112
Furniture and fixtures	905,667	856,887	948,203	1,103,361	1,152,573	1,190,401	44,599	45,431	45,324	55,725	57,816	60,501
Primary metal industries	1,532,262	1,396,423	1,336,309	1,443,633	1,305,905	1,332,630	274,973	194,941	125,733	137,556	117,347	107,452
Fabricated metal products	3,507,677	3,383,887	3,408,249	3,887,562	4,050,658	3,967,282	260,007	244,158	241,117	272,927	282,239	279,658
Machinery, except electrical	5,828,792	6,212,808	6,425,006	7,173,434	7,572,471	7,561,083	599,199	694,672	711,543	816,392	792,396	817,815
Electric and electronic equipment	8,374,114	9,422,829	10,609,346	12,227,109	13,633,119	13,742,656	350,238	399,920	484,120	549,300	694,745	706,504
Transportation equip. exc. motor vehicles	7,367,461	7,865,838	8,202,358	8,823,774	9,948,945	10,991,666	393,538	434,894	402,721	466,638	578,499	693,403
Motor vehicles and equipment	903,374	819,518	781,339	888,930	967,091	947,500	38,873	43,598	49,613	56,492	57,277	55,726
Stone, clay, and glass products	1,326,968	1,244,499	1,294,585	1,450,165	1,486,247	1,621,368	273,763	267,127	255,750	292,789	295,352	295,370
Instruments and related products	2,333,575	2,569,306	2,877,743	3,074,083	3,348,614	3,596,711	602,589	680,954	716,882	755,275	706,276	717,552
Miscellaneous manufacturing industries	816,939	899,416	984,918	976,614	934,192	948,231	72,592	68,286	74,700	80,326	80,890	84,359
Transportation and public utilities	15,889,307	16,887,531	17,802,780	19,023,689	20,086,253	21,199,949	2,304,369	2,550,898	2,685,694	2,812,561	2,957,897	3,085,001
Railroad transportation	905,019	880,804	909,684	980,663	936,009	888,661	214,983	217,792	225,437	221,972	198,427	188,289
Trucking and warehousing	3,379,695	3,452,886	3,635,818	4,170,822	4,288,796	4,510,817	466,154	494,109	481,580	544,453	544,560	544,394
Water transportation	562,678	575,931	620,355	747,101	790,351	857,917	(D)	(D)	(D)	285	420	633
Other transportation[8]	3,679,009	3,906,825	4,033,566	4,199,492	4,460,359	4,948,834	(D)	(D)	(D)	662,729	708,464	804,758
Communication	5,201,637	5,665,772	5,932,786	5,964,634	6,231,148	6,316,211	724,593	845,121	902,117	934,278	1,026,832	1,051,399
Electric, gas, and sanitary services	2,161,269	2,405,313	2,670,571	2,960,977	3,379,590	3,677,509	343,751	395,213	421,882	448,844	479,194	495,528
Wholesale trade	14,356,691	14,834,323	15,696,718	17,957,767	19,846,420	21,360,596	1,840,935	1,936,734	1,924,596	2,127,859	2,237,014	2,232,837
Retail trade	23,054,630	24,109,136	26,588,738	28,909,125	31,330,043	33,668,822	2,813,919	3,030,773	3,294,555	3,566,729	3,733,622	3,854,016
Finance, insurance, and real estate	13,705,268	14,127,749	16,652,834	18,528,836	21,087,885	24,972,409	1,614,603	1,754,451	2,039,152	2,282,835	2,528,225	2,775,178
Banking and credit agencies	5,371,694	5,978,185	6,701,170	7,372,640	8,022,257	9,040,729	571,456	668,439	770,420	847,007	917,150	1,002,942
Other finance, insurance, and real estate[9]	8,333,574	8,149,564	9,951,664	11,156,196	13,065,628	15,931,680	1,043,147	1,086,012	1,268,732	1,435,828	1,611,075	1,772,236
Services	49,877,955	55,054,342	61,402,692	70,567,383	78,731,502	86,295,344	5,160,021	5,791,115	6,340,590	7,134,573	7,841,554	8,391,981
Hotels and other lodging places	1,409,510	1,438,123	1,677,605	1,907,234	2,028,800	2,244,894	244,510	252,069	291,341	305,563	313,293	343,050
Personal services	2,054,173	2,243,742	2,397,666	2,564,988	3,080,945	3,315,078	249,879	281,472	312,047	334,886	400,433	420,475
Private households	925,582	1,008,996	1,066,923	1,204,664	1,230,947	1,290,499	53,094	58,287	61,848	69,321	70,281	72,650
Business services	10,634,535	12,497,930	14,463,301	17,377,652	19,637,448	22,005,570	946,300	1,096,243	1,272,626	1,519,456	1,761,428	1,890,012
Auto repair, services, and garages	2,415,768	2,424,412	2,746,162	3,229,286	3,517,450	3,776,458	237,320	251,162	277,110	327,098	346,695	359,496
Miscellaneous repair services	1,184,813	1,245,316	1,405,171	1,776,925	1,726,807	1,670,268	115,477	121,022	138,187	155,669	138,623	143,433
Amusement and recreation services	1,475,231	1,550,868	1,788,309	2,161,795	2,443,867	2,720,248	167,082	185,317	203,802	235,491	272,527	285,277
Motion pictures	2,069,255	2,243,295	2,535,431	3,202,840	3,703,198	3,967,864	19,486	21,288	23,311	32,740	39,041	43,397
Health services	13,963,575	15,921,977	16,907,395	18,428,736	20,436,254	22,321,009	1,402,006	1,649,572	1,789,518	1,904,408	2,030,005	2,205,717
Legal services	3,149,658	3,752,282	4,327,753	5,202,454	5,895,331	6,807,726	353,737	436,261	486,633	580,154	636,443	701,667
Educational services	1,664,279	1,859,008	2,047,338	2,280,795	2,466,808	2,356,709	138,178	151,934	161,181	180,260	189,750	199,880
Social services	1,048,681	1,086,588	1,154,642	1,287,044	1,450,213	1,666,513	108,690	116,349	129,378	146,074	167,542	191,928
Museums, botanical, zoological gardens	39,330	46,918	56,507	65,541	76,391	88,601	2,556	3,094	3,744	4,434	4,625	4,989
Membership organizations	1,965,885	2,180,947	2,305,036	2,420,321	2,544,411	2,597,788	236,101	268,795	281,302	304,067	318,920	329,494
Miscellaneous services	5,877,680	5,553,940	6,523,453	7,457,108	8,492,632	9,466,119	885,605	898,250	908,562	1,034,952	1,151,948	1,200,516
Government and government enterprises	36,474,470	39,099,723	41,296,894	44,348,422	48,650,229	51,801,335	4,652,203	5,094,843	5,444,954	5,797,426	6,235,426	6,666,077
Federal, civilian	7,367,710	7,716,644	8,301,806	8,754,664	9,353,203	9,405,953	1,157,746	1,218,969	1,305,751	1,375,836	1,437,428	1,457,180
Military	4,550,353	5,257,175	5,582,034	5,982,554	6,440,316	6,605,290	629,135	722,627	728,646	768,519	852,576	921,918
State and local	24,556,407	26,125,904	27,413,054	29,611,204	32,856,710	35,790,092	2,865,322	3,153,247	3,410,557	3,653,071	3,945,422	4,286,979

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Connecticut						Delaware					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**42,115,470**	**45,237,246**	**48,630,389**	**53,892,924**	**57,994,360**	**62,666,125**	**6,732,887**	**7,198,106**	**7,713,949**	**8,390,636**	**9,053,214**	**9,788,145**
Nonfarm personal income	42,015,629	45,109,606	48,507,331	53,738,877	57,845,383	62,496,349	6,682,229	7,115,172	7,614,799	8,250,739	8,924,297	9,622,233
Farm income[1]	99,841	127,640	123,058	154,047	148,977	169,776	50,658	82,934	99,150	139,897	128,917	165,912
Population (thousands)[2]	3,123.2	3,127.1	3,140.3	3,153.3	3,171.4	3,188.8	596.6	599.7	606.4	614.0	622.1	632.8
Per capita personal income (dollars)	**13,485**	**14,466**	**15,486**	**17,091**	**18,287**	**19,652**	**11,286**	**12,003**	**12,722**	**13,666**	**14,553**	**15,469**
Derivation of total personal income:												
Total earnings by place of work	29,294,798	31,184,904	33,803,404	37,703,440	41,243,253	44,898,239	5,365,946	5,763,491	6,172,801	6,682,022	7,203,753	7,684,028
Less: Personal contributions for social insurance[3]	1,701,306	1,866,663	2,011,405	2,258,584	2,571,009	2,829,917	427,881	474,964	478,533	519,571	589,044	631,656
Plus: Adjustment for residence	1,779,329	1,876,339	2,118,838	2,314,211	2,437,702	2,599,185	−149,566	−194,830	−221,287	−215,471	−236,455	−135,453
Equals: Net earnings by place of residence	29,372,821	31,194,580	33,910,837	37,759,067	41,109,946	44,667,507	4,788,499	5,093,697	5,472,981	5,946,980	6,378,254	6,916,919
Plus: Dividends, interest, and rent[5]	7,925,425	8,654,782	8,903,409	10,121,462	10,415,457	11,173,287	1,051,960	1,149,137	1,214,232	1,354,120	1,519,018	1,633,201
Plus: Transfer payments	4,817,224	5,387,884	5,816,143	6,012,395	6,468,957	6,825,331	892,428	955,272	1,026,736	1,089,536	1,155,942	1,238,025
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	24,326,434	26,093,795	28,039,365	31,356,381	34,185,389	37,199,636	4,458,665	4,784,678	5,075,454	5,471,240	5,919,718	6,268,308
Other labor income	2,735,441	3,025,207	3,229,871	3,415,640	3,735,006	3,886,871	515,565	571,988	618,789	639,663	675,632	696,559
Proprietors' income[6]	2,232,923	2,065,902	2,534,168	2,931,419	3,322,858	3,811,732	391,716	406,825	478,558	571,119	608,403	719,161
Farm	53,206	78,504	75,856	107,962	102,326	122,981	32,028	63,293	80,200	121,227	109,945	146,797
Nonfarm	2,179,717	1,987,398	2,458,312	2,823,457	3,220,532	3,688,751	359,688	343,532	398,358	449,892	498,458	572,364
Earnings by industry:												
Farm	99,841	127,640	123,058	154,047	148,977	169,776	50,658	82,934	99,150	139,897	128,917	165,912
Nonfarm	29,194,957	31,057,264	33,680,346	37,549,393	41,094,276	44,728,463	5,315,288	5,680,557	6,073,651	6,542,125	7,074,836	7,518,116
Private	26,045,258	27,625,693	29,944,970	33,396,257	36,414,364	39,803,999	4,540,395	4,857,390	5,212,409	5,628,612	6,099,879	6,473,168
Agricultural services, forestry, fisheries, and other[7]	87,520	98,025	120,247	124,592	132,075	159,511	15,211	15,567	19,535	19,532	19,678	22,038
Agricultural services	80,957	93,660	109,374	117,152	124,380	150,715	14,164	15,045	17,901	18,584	18,356	20,587
Forestry, fisheries, and other[7]	6,563	4,365	10,873	7,440	7,695	8,796	1,047	522	1,634	948	1,322	1,451
Mining	247,289	200,457	160,596	170,486	230,699	236,082	25,063	23,185	20,106	22,094	32,105	29,820
Coal mining	41,213	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	173,886	135,984	103,503	115,724	164,464	168,354	(D)	(D)	(D)	19,859	30,465	29,918
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	21,840	24,003	26,681	29,924	33,147	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,458,487	1,616,007	1,985,583	2,330,645	2,577,513	2,876,195	400,154	503,870	518,701	550,523	589,243	657,502
Manufacturing	10,461,409	10,786,736	11,050,381	12,103,361	12,619,089	13,034,509	2,051,985	2,114,727	2,264,351	2,436,118	2,597,706	2,516,499
Nondurable goods	2,214,904	2,492,667	2,633,364	2,821,883	2,976,833	3,112,840	1,521,902	1,640,633	1,703,427	1,812,912	1,912,511	1,885,776
Food and kindred products	257,068	319,921	319,369	347,062	363,150	366,362	122,986	134,788	139,233	152,218	167,069	169,989
Textile mill products	122,661	119,100	122,058	143,530	109,271	100,688	(D)	(D)	(D)	9,686	8,350	(D)
Apparel and other textile products	130,088	134,408	140,849	173,421	174,828	183,687	17,636	17,065	13,975	13,024	12,088	(D)
Paper and allied products	290,792	312,768	327,434	319,963	333,538	331,821	59,111	60,342	63,938	64,463	67,444	68,243
Printing and publishing	484,149	520,168	553,736	588,364	664,357	719,931	36,312	39,461	42,599	44,657	51,712	56,708
Chemicals and allied products	609,243	742,527	810,044	854,100	923,923	1,001,915	1,158,118	1,254,858	1,303,129	1,377,267	1,462,062	1,445,778
Petroleum and coal products	27,156	25,053	21,496	8,189	8,916	12,796	51,459	61,322	65,752	67,277	66,136	(D)
Tobacco manufactures	15,773	20,365	24,113	27,496	30,327	31,664	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	267,117	288,525	304,966	349,432	358,819	352,147	67,893	(D)	(D)	(D)	(D)	(D)
Leather and leather products	10,857	9,832	9,299	10,326	9,704	11,829	(D)	481	906	(D)	(D)	(D)
Durable goods	8,246,505	8,294,069	8,417,017	9,281,478	9,642,256	9,921,669	530,083	474,094	560,924	623,206	685,195	630,723
Lumber and wood products	46,071	41,621	50,862	74,251	85,137	101,899	(D)	(D)	(D)	13,881	15,818	(D)
Furniture and fixtures	74,034	77,462	71,272	85,682	91,414	93,427	5,365	4,909	6,686	8,106	7,926	9,685
Primary metal industries	529,337	491,769	490,885	576,948	477,718	475,572	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,463,423	1,430,441	1,411,452	1,345,047	1,341,056	1,324,938	(D)	41,739	38,717	41,970	41,095	50,249
Machinery, except electrical	1,406,993	1,331,833	1,292,009	1,468,825	1,556,585	1,706,198	33,401	29,228	30,100	29,764	32,769	34,774
Electric and electronic equipment	1,098,334	1,166,324	1,247,704	1,616,227	1,703,445	1,592,901	14,945	11,277	12,518	97,464	79,227	(D)
Transportation equip. exc. motor vehicles	2,489,050	2,604,193	2,664,747	2,805,395	3,046,215	3,243,849	7,033	5,816	6,315	(D)	(D)	(D)
Motor vehicles and equipment	56,488	51,842	57,395	83,147	90,472	99,223	272,372	221,346	286,977	335,616	(D)	331,717
Stone, clay, and glass products	162,682	152,788	153,824	154,676	152,404	154,723	14,579	14,531	17,139	20,522	17,406	18,265
Instruments and related products	698,171	729,015	743,115	804,860	834,704	870,228	65,835	77,785	97,873	19,065	21,588	24,352
Miscellaneous manufacturing industries	221,922	216,781	233,752	266,420	263,106	258,711	2,703	2,824	3,411	3,676	4,110	3,401
Transportation and public utilities	1,537,996	1,668,722	1,788,359	1,987,660	2,169,427	2,322,834	297,578	307,718	327,708	340,575	343,508	390,624
Railroad transportation	90,119	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	42,189	38,883	(D)
Trucking and warehousing	341,282	347,229	368,310	420,761	444,388	484,692	(D)	(D)	(D)	92,245	89,869	118,581
Water transportation	(D)	27,056	34,851	44,712	(D)	(D)	10,584	9,259	10,506	11,338	13,271	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	508,172	582,320	614,176	659,552	704,121	752,190	59,497	63,897	64,894	56,542	55,028	59,503
Electric, gas, and sanitary services	335,799	386,885	432,052	478,848	546,536	586,095	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,957,040	2,087,570	2,124,105	2,362,835	2,736,608	2,935,105	245,004	262,893	242,455	260,363	273,943	295,130
Retail trade	2,580,653	2,709,007	3,056,503	3,376,928	3,684,770	4,178,554	472,845	496,549	545,235	587,833	628,293	687,634
Finance, insurance, and real estate	2,295,370	2,463,923	2,903,321	3,196,444	3,559,770	4,318,314	219,715	237,651	304,268	343,026	408,798	534,194
Banking and credit agencies	548,211	621,315	696,234	798,246	898,201	1,053,664	86,370	118,164	151,045	187,865	233,649	312,609
Other finance, insurance, and real estate[9]	1,747,159	1,842,608	2,207,087	2,398,198	2,661,569	3,264,650	133,345	119,487	153,223	155,161	175,149	221,585
Services	5,419,494	5,995,246	6,755,875	7,743,306	8,704,413	9,742,895	812,840	895,230	970,050	1,068,548	1,206,605	1,339,727
Hotels and other lodging places	69,537	74,915	91,895	106,494	120,404	145,912	18,424	20,271	24,314	26,246	26,725	28,503
Personal services	224,741	248,483	295,659	318,826	393,645	437,806	32,764	35,286	40,310	42,428	49,641	53,867
Private households	99,754	106,760	111,107	123,629	124,365	127,986	24,824	26,705	27,962	31,402	31,810	33,135
Business services	1,091,936	1,254,679	1,482,501	1,775,281	2,003,513	2,329,034	124,978	155,980	161,617	179,714	227,740	262,382
Auto repair, services, and garages	185,860	191,872	226,017	259,662	289,707	321,730	38,464	38,536	45,659	53,540	57,588	55,957
Miscellaneous repair services	80,748	87,433	104,263	116,926	122,165	144,259	14,845	17,321	18,846	22,124	21,263	21,896
Amusement and recreation services	129,034	133,404	137,960	150,654	175,524	191,465	20,327	21,193	20,556	24,012	28,924	30,520
Motion pictures	15,119	18,520	20,222	32,213	42,403	44,562	(D)	1,452	1,631	1,901	2,218	2,694
Health services	1,866,397	2,127,869	2,339,586	2,564,512	2,818,544	3,058,880	283,182	328,323	352,692	378,735	411,429	462,256
Legal services	332,163	367,642	434,547	534,366	609,388	707,195	59,688	68,223	74,999	84,949	93,230	108,848
Educational services	423,507	462,182	507,360	570,897	603,729	642,190	33,111	38,368	41,655	45,829	48,638	52,967
Social services	149,517	161,432	181,229	208,145	239,221	275,033	34,087	35,207	38,380	41,359	45,050	50,161
Museums, botanical, zoological gardens	7,489	9,010	9,853	10,997	11,941	12,752	(D)	7,386	8,055	8,545	9,051	9,511
Membership organizations	210,825	229,753	244,575	265,569	294,681	308,629	41,880	45,664	47,179	51,400	54,102	55,803
Miscellaneous services	532,867	521,292	569,101	705,135	855,183	995,462	78,164	55,315	66,195	76,364	99,196	111,227
Government and government enterprises	3,149,699	3,431,571	3,735,376	4,153,136	4,679,912	4,924,464	774,893	823,167	861,242	913,513	974,957	1,044,948
Federal, civilian	504,485	538,426	563,634	626,038	660,184	669,496	120,327	127,342	133,864	143,908	147,980	150,886
Military	246,813	271,535	297,913	330,711	353,693	366,460	91,348	100,808	109,207	111,933	115,932	120,753
State and local	2,398,401	2,621,610	2,873,829	3,196,387	3,666,035	3,888,508	563,218	595,017	618,171	657,672	711,045	773,309

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	District of Columbia						Florida					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**8,613,158**	**9,210,108**	**9,598,516**	**10,391,868**	**11,200,683**	**11,925,650**	**110,295,769**	**118,530,335**	**130,641,287**	**143,926,341**	**157,943,984**	**170,808,501**
Nonfarm personal income	8,613,158	9,210,108	9,598,516	10,391,868	11,200,683	11,925,650	108,683,698	116,766,006	128,246,349	141,902,703	155,750,508	168,615,420
Farm income[1]	0	0	0	0	0	0	1,612,071	1,764,329	2,394,938	2,023,638	2,193,476	2,193,081
Population (thousands)[2]	633.0	626.8	624.5	623.9	623.3	626.1	10,193.8	10,472.7	10,753.7	11,046.5	11,364.6	11,675.1
Per capita personal income (dollars)	**13,608**	**14,695**	**15,369**	**16,657**	**17,970**	**19,049**	**10,820**	**11,318**	**12,149**	**13,029**	**13,898**	**14,630**
Derivation of total personal income:												
Total earnings by place of work	14,902,563	15,709,045	16,660,213	18,021,177	19,363,487	20,353,363	68,459,419	72,633,983	80,827,211	89,719,323	98,711,963	107,377,355
Less: Personal contributions for social insurance[3]	874,243	931,300	1,121,852	1,216,324	1,337,650	1,427,152	3,480,370	3,777,707	4,235,485	4,812,671	5,540,679	6,086,133
Plus: Adjustment for residence	−8,748,709	−9,200,777	−9,649,725	−10,365,393	−11,019,472	−11,363,384	−2,121	−14,516	−26,086	−37,084	−58,031	−46,954
Equals: Net earnings by place of residence	5,279,611	5,576,968	5,888,636	6,439,460	7,006,365	7,562,827	64,976,928	68,841,760	76,565,640	84,869,568	93,113,253	101,244,268
Plus: Dividends, interest, and rent[5]	1,241,857	1,390,119	1,391,305	1,543,295	1,682,437	1,776,782	26,654,315	28,616,345	31,146,392	35,097,173	38,769,293	41,771,282
Plus: Transfer payments	2,091,690	2,243,021	2,318,575	2,409,113	2,511,881	2,586,041	18,664,526	21,072,230	22,929,255	23,959,600	26,061,438	27,792,951
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,353,492	14,076,150	14,857,392	16,059,387	17,220,680	18,083,944	56,066,460	60,535,516	66,152,189	73,882,193	81,031,120	87,892,840
Other labor income	857,197	943,676	1,020,319	1,072,122	1,120,944	1,142,861	4,998,091	5,605,340	6,276,020	6,774,687	7,328,852	7,852,603
Proprietors' income[6]	691,874	689,219	782,502	889,668	1,021,863	1,126,558	7,394,868	6,493,127	8,399,002	9,062,443	10,351,991	11,631,912
Farm	0	0	0	0	0	0	1,153,106	1,238,350	1,884,394	1,522,781	1,685,131	1,682,734
Nonfarm	691,874	689,219	782,502	889,668	1,021,863	1,126,558	6,241,762	5,254,777	6,514,608	7,539,662	8,666,860	9,949,178
Earnings by industry:												
Farm	0	0	0	0	0	0	1,612,071	1,764,329	2,394,938	2,023,638	2,193,476	2,193,081
Nonfarm	14,902,563	15,709,045	16,660,213	18,021,177	19,363,487	20,353,363	66,847,348	70,869,654	78,432,273	87,695,685	96,518,487	105,184,274
Private	7,656,780	8,138,380	8,829,948	9,706,202	10,584,818	11,515,273	55,695,742	58,578,979	65,101,054	73,333,122	80,827,237	88,222,713
Agricultural services, forestry, fisheries, and other[7]	115,947	125,838	144,770	156,813	166,625	184,062	649,006	661,559	763,725	795,492	889,063	968,755
Agricultural services	2,144	1,961	2,629	3,091	3,569	4,400	589,590	615,116	672,177	730,861	774,203	844,600
Forestry, fisheries, and other[7]	113,803	123,877	142,141	153,722	163,056	179,662	59,416	46,443	91,548	64,631	114,860	124,155
Mining	30,232	28,028	21,188	24,036	34,729	34,615	718,726	645,268	575,978	627,993	841,664	833,305
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	3,602	3,792	4,700	4,760	5,083	5,321
Oil and gas extraction	(D)	(D)	(D)	22,612	33,581	33,247	490,558	446,540	363,088	387,290	597,681	602,352
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	7,869	7,585	8,178	12,407	13,691	13,395
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	216,697	187,351	200,012	223,536	225,209	212,237
Construction	280,417	278,538	275,651	312,442	352,768	403,912	5,952,107	5,871,565	6,259,695	7,507,541	8,151,622	8,742,708
Manufacturing	415,937	407,120	438,085	476,027	524,909	576,945	8,826,789	9,209,001	9,889,791	11,146,846	12,015,026	12,700,232
Nondurable goods	379,616	369,115	397,704	421,248	444,538	461,897	3,383,967	3,495,653	3,718,424	4,071,118	4,286,779	4,489,537
Food and kindred products	21,166	20,703	21,427	20,399	20,854	19,857	868,870	931,745	977,546	1,010,402	1,042,277	1,097,689
Textile mill products	440	(D)	(D)	814	786	295	35,454	(D)	(D)	34,952	34,456	39,859
Apparel and other textile products	625	670	631	749	932	(D)	334,743	329,360	347,226	375,656	365,263	383,807
Paper and allied products	9,221	11,370	11,846	11,368	2,616	1,919	387,273	381,246	405,137	429,138	449,800	451,083
Printing and publishing	326,033	312,552	339,563	363,811	394,910	417,753	733,781	795,010	883,862	1,045,800	1,194,478	1,315,250
Chemicals and allied products	10,239	11,409	11,854	12,786	12,874	13,341	652,462	670,675	692,775	756,112	777,400	767,877
Petroleum and coal products	10,522	10,281	9,805	9,702	9,431	7,191	47,898	(D)	(D)	51,996	55,368	62,589
Tobacco manufactures	1,318	1,624	1,723	1,405	1,411	0	30,747	31,260	34,708	37,314	34,472	31,711
Rubber and misc. plastic products	(L)	(D)	(D)	(D)	(D)	(D)	251,745	244,923	257,701	291,845	300,005	311,649
Leather and leather products	(L)	(L)	0	(D)	(D)	(D)	40,994	38,236	37,521	37,903	33,260	28,023
Durable goods	36,321	38,005	40,381	54,779	80,371	115,048	5,442,822	5,713,348	6,171,367	7,075,728	7,728,247	8,210,695
Lumber and wood products	583	(D)	(D)	1,066	968	(D)	375,315	342,992	414,720	474,189	496,133	519,115
Furniture and fixtures	356	334	386	638	1,091	1,222	159,307	158,491	176,876	202,031	220,185	246,131
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	103,425	101,950	114,867	128,388	131,317	135,584
Fabricated metal products	(D)	2,325	1,864	2,010	2,484	2,399	670,159	645,949	664,981	742,375	791,163	828,236
Machinery, except electrical	2,179	2,332	2,339	4,048	7,523	10,168	809,290	920,649	974,627	1,167,680	1,285,848	1,302,867
Electric and electronic equipment	7,170	7,690	10,941	8,630	11,037	(D)	1,284,540	1,427,887	1,553,158	1,822,530	1,998,003	2,078,283
Transportation equip. exc. motor vehicles	2,822	4,038	3,995	(D)	(D)	(D)	1,221,966	1,312,392	1,377,579	1,487,345	1,681,367	1,870,693
Motor vehicles and equipment	1,984	2,111	2,465	(D)	(D)	4,021	47,876	52,217	71,939	81,675	93,803	111,676
Stone, clay, and glass products	3,557	3,640	3,431	4,031	5,084	5,975	425,578	405,479	456,975	539,093	553,822	602,884
Instruments and related products	1,424	1,417	1,341	1,672	1,963	2,275	224,293	222,675	227,161	268,439	306,386	330,420
Miscellaneous manufacturing industries	2,215	2,281	2,169	2,760	3,048	3,093	121,073	122,667	138,484	161,983	170,220	184,806
Transportation and public utilities	755,126	833,199	881,251	904,019	914,383	913,424	5,675,706	6,139,028	6,608,255	7,021,709	7,410,417	7,729,601
Railroad transportation	(D)	(D)	(D)	74,845	81,135	(D)	315,797	323,126	350,398	357,320	325,799	302,403
Trucking and warehousing	(D)	(D)	(D)	20,950	22,623	26,222	954,692	968,452	1,054,500	1,258,051	1,314,783	1,419,059
Water transportation	2,183	2,357	2,566	2,954	3,561	(D)	234,926	247,806	253,501	277,598	295,508	299,260
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,552,661	1,639,222	1,704,874	1,746,964	1,890,811	2,035,080
Communication	452,430	523,944	559,653	551,078	558,161	542,774	1,849,882	2,042,356	2,214,850	2,267,310	2,358,469	2,353,015
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	767,748	918,066	1,030,132	1,114,466	1,225,047	1,320,784
Wholesale trade	293,482	286,747	287,717	296,999	301,740	311,556	4,516,208	4,718,544	5,013,656	5,594,975	6,244,764	6,602,111
Retail trade	621,442	636,909	673,015	727,324	755,582	796,828	8,738,414	9,159,084	10,264,989	11,283,640	12,416,317	13,567,017
Finance, insurance, and real estate	715,082	730,692	853,366	922,051	1,065,460	1,196,098	4,804,421	4,698,995	5,868,884	6,335,641	7,221,933	8,694,265
Banking and credit agencies	293,046	318,546	352,606	389,594	426,360	467,017	1,523,006	1,711,319	2,000,536	2,271,306	2,548,973	2,946,262
Other finance, insurance, and real estate[9]	422,036	412,146	500,760	532,457	639,100	729,081	3,281,415	2,987,676	3,868,348	4,064,335	4,672,960	5,748,003
Services	4,429,115	4,811,309	5,254,905	5,886,491	6,468,622	7,097,833	15,814,365	17,475,935	19,856,081	23,019,285	25,636,431	28,384,719
Hotels and other lodging places	163,377	153,697	195,411	212,845	230,086	259,467	940,910	992,081	1,138,416	1,266,797	1,351,347	1,557,038
Personal services	63,389	67,935	69,374	70,441	78,816	86,022	640,711	681,059	763,317	847,628	1,001,897	1,103,195
Private households	86,932	92,062	94,936	105,170	105,061	108,058	481,863	529,359	563,031	640,737	659,278	693,329
Business services	683,924	762,113	835,155	988,964	1,138,446	1,283,494	2,160,836	2,417,973	2,915,740	3,611,150	4,111,109	4,656,504
Auto repair, services, and garages	40,520	41,674	41,155	44,570	49,185	53,462	701,527	706,015	794,720	935,640	1,014,144	1,109,361
Miscellaneous repair services	13,815	15,128	15,325	17,159	19,232	19,405	353,936	361,870	398,209	473,029	440,411	490,486
Amusement and recreation services	25,982	26,303	35,233	41,877	42,442	47,943	727,237	829,801	964,379	1,049,214	1,132,504	1,225,777
Motion pictures	(D)	14,460	15,417	19,085	20,935	24,130	61,962	58,338	61,433	71,369	82,487	90,237
Health services	625,529	681,407	748,803	794,762	858,497	944,859	4,840,891	5,712,789	6,417,927	7,175,136	7,929,670	8,680,740
Legal services	919,233	1,091,305	1,219,238	1,400,306	1,542,481	1,715,241	1,164,205	1,370,531	1,574,621	1,913,393	2,172,091	2,480,064
Educational services	433,407	445,045	490,555	555,317	591,274	602,138	454,926	493,169	541,718	610,967	667,989	725,070
Social services	139,978	133,783	142,173	153,292	162,584	177,468	307,429	340,686	403,455	472,929	541,006	619,800
Museums, botanical, zoological gardens	(D)	2,632	3,011	3,531	4,508	5,098	5,078	6,145	6,822	7,410	8,888	10,375
Membership organizations	668,786	725,495	762,379	809,304	854,843	915,084	585,315	648,314	736,838	874,894	930,326	970,643
Miscellaneous services	547,847	558,270	586,740	669,868	770,232	855,964	2,387,539	2,327,805	2,575,455	3,068,992	3,593,284	3,972,100
Government and government enterprises	7,245,783	7,570,665	7,830,265	8,314,975	8,778,669	8,838,090	11,151,606	12,290,675	13,331,219	14,362,563	15,691,250	16,961,561
Federal, civilian	5,857,905	6,061,018	6,219,563	6,582,129	6,949,947	6,891,085	2,146,456	2,265,251	2,475,392	2,671,917	2,884,725	2,932,416
Military	366,724	395,237	421,332	442,139	466,932	494,347	1,613,725	1,832,985	1,936,949	2,043,403	2,214,370	2,408,855
State and local	1,021,154	1,114,410	1,189,370	1,290,707	1,361,790	1,452,658	7,391,425	8,192,439	8,918,878	9,647,243	10,592,155	11,620,290

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Georgia						Hawaii					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**51,842,430**	**55,786,913**	**61,210,851**	**68,920,097**	**75,513,041**	**82,102,778**	**11,051,355**	**11,731,721**	**12,875,276**	**13,627,901**	**14,555,049**	**15,571,502**
Nonfarm personal income	51,177,154	55,018,314	60,595,526	67,735,589	74,546,064	80,951,478	10,830,944	11,489,931	12,508,003	13,360,945	14,285,480	15,261,937
Farm income[1]	665,276	768,599	615,325	1,184,508	966,977	1,151,300	220,411	241,790	367,273	266,956	269,569	309,565
Population (thousands)[2]	5,569.9	5,653.6	5,735.6	5,844.3	5,974.8	6,103.8	980.2	997.6	1,018.6	1,036.0	1,051.5	1,062.3
Per capita personal income (dollars)	**9,308**	**9,868**	**10,672**	**11,793**	**12,639**	**13,451**	**11,275**	**11,760**	**12,640**	**13,154**	**13,842**	**14,658**
Derivation of total personal income:												
Total earnings by place of work	39,740,323	42,438,779	46,614,597	53,290,193	58,607,128	64,198,093	8,378,843	8,953,935	9,752,621	10,271,819	10,991,909	11,780,482
Less: Personal contributions for social insurance[3]	2,152,496	2,335,918	2,512,494	2,878,546	3,312,800	3,647,393	505,856	560,964	586,347	625,891	673,146	726,290
Plus: Adjustment for residence	826	−66,818	−122,746	−171,332	−148,365	−192,804	0	0	0	0	0	0
Equals: Net earnings by place of residence	37,588,653	40,036,043	43,979,357	50,240,315	55,145,963	60,357,896	7,872,987	8,392,971	9,166,274	9,645,928	10,318,763	11,054,192
Plus: Dividends, interest, and rent[5]	6,851,078	7,617,749	8,422,888	9,476,251	10,333,337	11,158,191	1,637,904	1,647,657	1,837,394	2,048,626	2,178,912	2,343,312
Plus: Transfer payments	7,402,699	8,133,121	8,808,606	9,203,531	10,033,741	10,586,691	1,540,464	1,691,093	1,871,608	1,933,347	2,057,374	2,173,998
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	33,060,194	35,476,598	38,911,005	44,042,375	48,624,526	53,041,303	7,175,573	7,645,890	8,114,242	8,583,544	9,168,665	9,756,046
Other labor income	3,066,182	3,480,192	3,804,355	4,158,566	4,532,856	4,912,485	565,669	641,338	700,574	751,660	772,830	826,610
Proprietors' income[6]	3,613,947	3,481,989	3,899,237	5,089,252	5,449,746	6,244,305	637,601	666,707	937,805	936,615	1,050,414	1,197,826
Farm	521,556	613,739	466,122	1,037,932	818,800	1,003,089	81,572	84,422	215,165	114,940	118,242	158,078
Nonfarm	3,092,391	2,868,250	3,433,115	4,051,320	4,630,946	5,241,216	556,029	582,285	722,640	821,675	932,172	1,039,748
Earnings by industry:												
Farm	665,276	768,599	615,325	1,184,508	966,977	1,151,300	220,411	241,790	367,273	266,956	269,569	309,565
Nonfarm	39,075,047	41,670,180	45,999,272	52,105,685	57,640,151	63,046,793	8,158,432	8,712,145	9,385,348	10,004,863	10,722,340	11,470,917
Private	31,697,280	33,660,196	37,444,107	42,921,562	47,749,087	52,514,246	5,591,728	5,840,710	6,344,893	6,780,180	7,299,636	7,947,747
Agricultural services, forestry, fisheries, and other[7]	161,022	151,453	209,456	224,475	236,838	270,072	39,760	36,951	44,092	45,802	48,165	55,142
Agricultural services	110,499	121,703	142,847	165,414	186,006	212,689	32,771	32,561	36,641	40,648	38,822	45,192
Forestry, fisheries, and other[7]	50,523	29,750	66,609	59,061	50,832	57,383	6,989	4,390	7,451	5,154	9,343	9,950
Mining	240,465	229,604	234,057	266,565	312,154	329,225	22,097	17,951	15,512	16,164	23,637	24,424
Coal mining	983	1,149	2,040	1,280	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	82,884	67,851	58,903	63,138	99,454	103,299	(D)	16,387	13,755	15,112	22,556	23,223
Metal mining	1,675	1,571	1,304	1,925	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	154,923	159,033	171,810	200,222	211,499	224,890	(D)	1,584	1,761	1,076	1,088	1,180
Construction	2,236,896	2,453,136	2,753,371	3,486,268	3,915,074	4,484,372	627,743	572,439	636,850	601,438	659,510	760,394
Manufacturing	8,964,129	9,164,704	10,019,933	11,258,487	12,075,346	13,015,480	472,889	469,250	498,033	487,179	521,994	550,548
Nondurable goods	5,279,859	5,403,189	5,872,264	6,378,213	6,664,193	7,189,153	376,360	376,709	402,252	395,176	418,259	436,902
Food and kindred products	1,035,683	1,101,724	1,144,080	1,181,104	1,252,230	1,371,572	202,075	203,152	207,953	205,521	200,345	208,732
Textile mill products	1,622,727	1,524,236	1,726,514	1,795,565	1,796,917	1,957,330	(D)	2,704	3,256	3,651	(D)	4,277
Apparel and other textile products	716,662	738,532	786,531	864,462	836,873	859,840	27,026	27,621	28,679	30,010	33,963	36,745
Paper and allied products	705,772	736,956	791,917	900,522	955,274	1,026,875	5,028	4,927	5,234	5,242	5,664	6,277
Printing and publishing	418,565	467,421	526,304	634,667	726,902	829,107	102,983	102,537	118,667	109,744	134,050	142,241
Chemicals and allied products	391,179	420,434	445,861	510,354	552,293	583,502	(D)	10,844	11,583	12,405	11,785	11,773
Petroleum and coal products	33,419	33,120	32,842	35,591	34,557	41,059	22,806	21,986	23,740	24,226	24,473	22,857
Tobacco manufactures	46,602	66,846	80,813	92,263	110,908	116,745	(L)	(L)	(L)	(D)	(L)	150
Rubber and misc. plastic products	283,374	290,729	316,929	344,881	378,648	384,345	2,553	(D)	(D)	3,094	2,858	2,931
Leather and leather products	25,876	23,191	20,473	18,804	19,591	18,778	(D)	(D)	(D)	(D)	(D)	919
Durable goods	3,684,270	3,761,515	4,147,669	4,880,274	5,411,153	5,826,327	96,529	92,541	95,781	92,003	103,735	113,646
Lumber and wood products	448,627	440,167	523,089	594,556	657,688	678,014	6,566	5,750	5,286	5,474	8,148	7,265
Furniture and fixtures	125,267	135,537	151,846	175,152	193,047	198,891	6,826	6,567	8,706	7,427	8,532	(D)
Primary metal industries	383,161	371,462	384,566	449,310	477,581	498,299	3,446	2,469	2,030	(D)	923	927
Fabricated metal products	366,799	354,347	384,594	432,128	453,456	490,048	15,283	16,442	18,716	18,240	16,762	19,277
Machinery, except electrical	436,386	406,281	437,264	533,286	605,779	658,057	3,310	3,415	3,211	5,221	4,112	4,231
Electric and electronic equipment	415,780	468,116	536,204	606,148	663,959	772,418	(D)	644	447	621	768	2,390
Transportation equip. exc. motor vehicles	540,234	625,418	680,931	814,131	918,662	999,408	10,506	12,149	11,956	9,057	14,567	16,202
Motor vehicles and equipment	473,193	431,513	453,193	618,035	723,119	748,288	191	(D)	(D)	(D)	(D)	760
Stone, clay, and glass products	326,293	330,730	379,234	424,997	465,836	516,228	38,711	35,018	34,931	31,225	37,376	40,245
Instruments and related products	86,184	108,296	119,202	119,217	132,921	144,138	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	82,346	89,648	97,546	113,314	119,105	122,538	10,342	9,188	9,424	11,746	11,083	11,780
Transportation and public utilities	3,841,423	4,238,470	4,632,521	5,020,921	5,409,074	5,762,829	750,141	793,569	800,180	862,433	903,247	974,172
Railroad transportation	382,854	388,051	419,622	447,049	430,951	400,123	0	0	0	0	0	0
Trucking and warehousing	845,437	873,494	945,562	1,124,719	1,182,408	1,271,545	60,528	62,282	68,533	77,389	81,378	87,683
Water transportation	47,237	47,008	51,014	58,290	61,521	68,020	58,022	63,701	71,626	72,817	77,097	77,836
Other transportation[8]	1,039,942	1,159,916	1,279,116	1,371,976	1,529,037	1,624,336	365,480	369,705	349,479	380,701	394,549	438,691
Communication	999,808	1,146,602	1,230,935	1,224,399	1,354,302	1,452,809	190,778	213,493	226,592	241,371	247,204	256,771
Electric, gas, and sanitary services	526,145	623,399	706,272	794,488	850,855	945,996	75,333	84,388	83,950	90,155	103,019	113,191
Wholesale trade	3,522,669	3,790,639	4,128,847	4,857,448	5,513,688	5,793,903	339,641	361,341	375,041	407,874	442,091	462,561
Retail trade	4,049,297	4,244,055	4,770,857	5,423,734	6,054,173	6,550,121	959,259	1,007,851	1,093,646	1,179,429	1,257,977	1,331,684
Finance, insurance, and real estate	2,174,629	2,329,713	2,709,391	3,062,564	3,531,132	4,168,723	599,287	599,164	660,898	690,460	741,488	833,001
Banking and credit agencies	736,229	832,093	939,815	1,055,226	1,215,606	1,419,456	177,991	192,607	214,409	223,631	247,240	279,512
Other finance, insurance, and real estate[9]	1,438,400	1,497,620	1,769,576	2,007,338	2,315,526	2,749,267	421,296	406,557	446,489	466,829	494,248	553,489
Services	6,506,750	7,058,422	7,985,674	9,321,100	10,701,608	12,139,521	1,780,911	1,982,194	2,220,641	2,489,401	2,701,527	2,955,821
Hotels and other lodging places	304,203	311,348	354,693	401,330	425,254	488,462	358,906	403,632	450,164	504,459	525,430	560,249
Personal services	325,474	331,140	363,964	403,586	484,625	540,497	70,050	76,874	82,370	90,748	103,953	113,416
Private households	241,275	260,802	274,284	309,304	316,043	330,598	24,804	26,942	28,545	32,182	32,652	33,756
Business services	1,059,988	1,202,082	1,426,242	1,773,301	2,071,742	2,416,721	246,842	280,677	332,581	375,603	430,557	488,511
Auto repair, services, and garages	337,622	338,334	381,609	455,166	505,409	563,011	81,804	86,776	97,618	107,427	109,912	117,639
Miscellaneous repair services	141,842	140,728	158,448	191,712	170,971	195,175	26,914	26,344	33,341	37,239	33,080	36,268
Amusement and recreation services	117,044	124,434	138,925	160,193	180,972	203,103	53,302	55,496	64,983	75,723	83,995	89,894
Motion pictures	27,289	30,371	33,815	41,984	53,140	60,247	12,013	13,456	13,874	19,216	17,751	19,398
Health services	1,727,769	1,994,385	2,237,535	2,489,737	2,881,378	3,292,341	427,167	491,445	539,493	596,282	650,838	709,882
Legal services	439,204	528,995	623,539	776,303	892,422	1,036,911	104,210	131,170	156,376	193,846	218,953	237,312
Educational services	269,797	286,898	318,776	361,351	402,183	440,173	68,893	79,481	87,585	98,930	102,341	110,196
Social services	147,555	148,967	158,327	175,063	194,926	223,899	39,842	43,118	48,150	53,103	60,050	65,096
Museums, botanical, zoological gardens	2,006	2,133	2,319	2,571	3,804	4,502	4,487	5,373	5,528	5,845	6,560	6,960
Membership organizations	334,473	369,397	388,022	405,012	426,974	436,955	86,085	91,906	95,692	100,260	105,750	108,810
Miscellaneous services	1,031,209	988,408	1,125,176	1,374,487	1,691,765	1,906,926	175,592	169,504	184,341	198,538	219,705	258,434
Government and government enterprises	7,377,767	8,009,984	8,555,165	9,184,123	9,891,064	10,532,547	2,566,704	2,871,435	3,040,455	3,224,683	3,422,704	3,523,170
Federal, civilian	1,844,810	1,960,601	2,105,500	2,288,747	2,488,624	2,484,588	719,568	796,943	859,384	918,809	963,471	949,590
Military	1,048,632	1,248,999	1,306,558	1,372,623	1,415,379	1,478,672	909,658	1,040,557	1,094,486	1,174,848	1,266,933	1,297,503
State and local	4,484,325	4,800,384	5,143,107	5,522,753	5,987,061	6,569,287	937,478	1,033,935	1,086,585	1,131,026	1,192,300	1,276,077

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Idaho						Illinois					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**8,945,506**	**9,079,213**	**9,777,551**	**10,357,253**	**10,925,971**	**11,244,677**	**137,055,364**	**141,841,478**	**147,786,407**	**161,425,549**	**169,996,512**	**179,411,321**
Nonfarm personal income	8,376,998	8,630,789	9,221,831	9,836,036	10,417,865	10,715,774	134,904,246	140,717,538	147,969,328	159,991,791	168,255,818	177,743,551
Farm income[1]	568,508	448,424	555,720	521,217	508,106	528,903	2,151,118	1,123,940	−182,921	1,433,758	1,740,694	1,667,770
Population (thousands)[2]	964.6	978.1	988.5	999.8	1,004.1	1,002.5	11,474.7	11,480.0	11,493.2	11,524.6	11,537.5	11,552.9
Per capita personal income (dollars)	**9,274**	**9,283**	**9,892**	**10,360**	**10,882**	**11,216**	**11,944**	**12,356**	**12,859**	**14,007**	**14,734**	**15,530**
Derivation of total personal income:												
Total earnings by place of work	6,581,593	6,418,425	7,002,113	7,490,005	7,868,590	8,044,109	100,629,839	102,194,823	105,542,075	117,129,183	124,302,713	131,738,575
Less: Personal contributions for social insurance[3]	385,062	414,755	431,332	471,389	521,816	537,020	5,898,358	6,245,782	6,418,010	7,054,483	7,803,829	8,331,724
Plus: Adjustment for residence	57,861	70,006	55,313	58,347	71,442	72,131	409,199	232,288	185,683	70,754	91,971	−8,512
Equals: Net earnings by place of residence	6,254,392	6,073,676	6,626,094	7,076,963	7,418,216	7,579,220	95,140,680	96,181,329	99,309,748	110,145,454	116,590,855	123,398,339
Plus: Dividends, interest, and rent[5]	1,442,357	1,576,130	1,633,661	1,736,259	1,830,289	1,906,992	23,322,052	25,149,102	26,566,233	29,147,055	30,052,174	31,655,929
Plus: Transfer payments	1,248,757	1,429,407	1,517,796	1,544,031	1,677,466	1,758,465	18,592,632	20,511,047	21,910,426	22,133,040	23,353,483	24,357,053
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,858,733	4,890,778	5,198,764	5,583,085	5,870,294	5,934,472	82,106,920	84,353,105	87,174,944	95,338,235	100,682,341	106,411,667
Other labor income	452,389	468,788	502,508	525,316	540,567	543,641	8,388,829	8,872,644	9,130,796	9,660,632	10,078,672	10,532,516
Proprietors' income[6]	1,270,471	1,058,859	1,300,841	1,381,604	1,457,729	1,565,996	10,134,090	8,969,074	9,236,335	12,130,316	13,541,700	14,794,392
Farm	427,258	292,830	405,799	373,776	359,213	378,921	1,918,818	869,897	−427,356	1,193,764	1,495,577	1,420,789
Nonfarm	843,213	766,029	895,042	1,007,828	1,098,516	1,187,075	8,215,272	8,099,177	9,663,691	10,936,552	12,046,123	13,373,603
Earnings by industry:												
Farm	568,508	448,424	555,720	521,217	508,106	528,903	2,151,118	1,123,940	−182,921	1,433,758	1,740,694	1,667,770
Nonfarm	6,013,085	5,970,001	6,446,393	6,968,788	7,360,484	7,515,206	98,478,721	101,070,883	105,724,996	115,695,425	122,562,019	130,070,805
Private	4,937,635	4,834,856	5,243,772	5,692,804	5,999,303	6,112,261	85,776,024	87,377,753	91,420,865	100,523,513	106,631,306	113,186,189
Agricultural services, forestry, fisheries, and other[7]	62,697	62,902	90,129	88,177	83,088	90,451	315,018	338,248	411,957	416,885	389,893	442,243
Agricultural services	53,737	61,136	68,481	67,524	68,858	73,469	305,777	333,766	390,242	396,525	371,733	421,952
Forestry, fisheries, and other[7]	8,960	1,766	21,648	20,653	14,230	16,982	9,241	4,482	21,715	20,360	18,160	20,291
Mining	171,163	131,054	144,533	157,268	151,432	72,580	1,246,482	1,297,728	1,201,490	1,295,907	1,388,113	1,304,448
Coal mining	167	66	73	93	105	113	571,847	699,857	635,803	700,707	690,139	655,240
Oil and gas extraction	18,616	16,509	11,895	12,333	17,411	16,987	514,631	444,698	412,191	430,118	519,265	472,023
Metal mining	113,125	86,708	94,356	102,062	96,590	73,921	657	(D)	(D)	1,266	501	467
Nonmetallic minerals, except fuels	39,255	27,771	38,209	42,780	37,326	−18,441	159,347	(D)	(D)	163,816	178,208	176,718
Construction	559,615	551,687	576,457	654,507	675,681	699,405	5,405,679	5,539,123	5,700,222	6,608,417	7,077,252	7,667,712
Manufacturing	1,139,279	1,051,245	1,157,819	1,299,858	1,358,275	1,346,805	27,442,518	26,028,423	25,514,353	28,069,334	28,569,392	28,757,969
Nondurable goods	444,507	477,776	502,344	581,797	626,600	629,968	8,888,756	9,399,361	9,695,444	10,287,938	10,647,390	10,896,117
Food and kindred products	277,955	300,172	309,998	327,814	337,893	330,334	2,491,824	2,621,058	2,578,218	2,663,355	2,686,291	2,750,644
Textile mill products	416	533	473	302	404	293	38,066	38,712	48,507	49,188	54,210	62,251
Apparel and other textile products	1,574	2,041	2,235	2,517	3,763	4,469	282,187	283,822	283,860	280,401	279,601	288,843
Paper and allied products	44,810	49,882	57,745	63,487	69,011	73,240	742,555	776,759	791,074	837,510	844,288	893,775
Printing and publishing	43,722	46,623	51,933	59,110	69,337	71,983	2,226,756	2,415,200	2,592,030	2,774,393	2,931,889	2,976,728
Chemicals and allied products	62,768	64,571	64,048	112,021	123,362	125,228	1,668,653	1,789,495	1,834,261	1,991,708	2,079,012	2,140,763
Petroleum and coal products	110	196	129	108	(L)	(L)	404,303	421,713	426,584	417,232	432,383	456,247
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	11,564	12,265	13,158	14,830	13,765	(L)
Rubber and misc. plastic products	11,217	12,443	14,260	14,905	20,881	22,172	929,723	947,056	1,033,904	1,168,531	1,241,864	1,249,353
Leather and leather products	1,920	1,311	1,512	1,519	1,912	2,208	93,125	93,281	93,848	90,790	84,087	77,475
Durable goods	694,772	573,469	655,475	718,061	731,675	716,837	18,553,762	16,629,062	15,818,909	17,781,396	17,922,002	17,861,852
Lumber and wood products	416,976	324,714	387,641	409,914	406,527	402,420	195,228	192,239	202,655	212,126	220,800	214,758
Furniture and fixtures	5,492	5,236	6,935	7,875	8,317	7,461	376,545	364,754	387,483	395,518	406,573	393,992
Primary metal industries	44,040	(D)	(D)	4,674	2,271	2,290	2,431,429	1,972,367	1,759,187	2,058,690	1,998,910	1,974,992
Fabricated metal products	42,080	35,849	35,435	38,951	41,920	43,524	3,055,529	2,843,666	2,849,086	3,207,574	3,321,317	3,404,001
Machinery, except electrical	118,289	130,859	141,642	144,017	157,004	144,992	6,035,252	4,979,133	4,160,247	4,686,015	4,839,603	4,653,019
Electric and electronic equipment	30,815	(D)	(D)	72,269	68,904	67,963	3,150,260	3,122,785	3,185,440	3,555,559	3,428,501	3,387,589
Transportation equip. exc. motor vehicles	3,333	3,716	6,076	6,964	8,656	8,886	657,590	574,386	538,769	664,297	654,244	677,534
Motor vehicles and equipment	2,708	(D)	(D)	3,033	6,394	7,869	564,566	541,892	638,853	764,889	809,713	866,903
Stone, clay, and glass products	23,633	18,071	19,255	20,530	20,677	19,301	700,082	670,885	667,102	720,793	727,111	715,902
Instruments and related products	1,767	1,983	1,959	2,324	2,790	2,731	792,896	773,003	887,931	936,395	1,006,427	1,013,667
Miscellaneous manufacturing industries	5,639	4,670	5,767	7,510	8,215	9,400	594,385	593,952	542,156	579,540	508,803	559,495
Transportation and public utilities	511,276	519,887	543,211	573,559	597,212	589,373	7,871,805	8,173,186	8,398,628	9,188,169	9,711,271	10,188,617
Railroad transportation	91,541	94,008	97,117	109,070	111,592	104,582	1,054,428	992,684	961,418	991,020	910,383	866,414
Trucking and warehousing	174,874	166,381	181,808	203,280	206,494	205,297	2,118,299	2,098,223	2,133,105	2,410,473	2,429,511	2,484,299
Water transportation	(D)	(D)	(D)	1,795	1,747	2,137	79,107	73,163	78,185	86,549	85,760	88,156
Other transportation[8]	(D)	(D)	(D)	35,323	39,044	39,760	1,485,024	1,601,188	1,710,583	1,862,744	2,051,746	2,280,531
Communication	122,708	126,502	124,241	113,601	118,896	116,013	1,838,862	1,951,046	1,987,062	2,158,187	2,386,895	2,565,424
Electric, gas, and sanitary services	91,058	100,324	104,989	110,490	119,439	121,584	1,296,085	1,456,882	1,528,275	1,679,196	1,846,976	1,903,793
Wholesale trade	389,461	391,463	400,271	419,756	423,268	426,532	8,271,805	8,485,122	8,519,549	9,396,429	10,018,568	10,488,477
Retail trade	679,876	678,874	734,852	789,708	827,780	853,373	9,141,146	9,187,214	9,914,812	10,589,053	11,203,032	11,972,606
Finance, insurance, and real estate	263,740	256,848	299,940	323,843	340,058	370,687	6,654,761	7,119,925	8,202,508	8,952,142	9,817,004	11,158,088
Banking and credit agencies	127,169	135,475	147,498	158,402	154,987	158,910	2,251,218	2,540,491	2,697,513	2,965,210	3,051,161	3,340,379
Other finance, insurance, and real estate[9]	136,571	121,373	152,442	165,441	185,071	211,777	4,403,543	4,579,434	5,504,995	5,986,932	6,765,843	7,817,709
Services	1,160,528	1,190,896	1,296,560	1,386,128	1,542,509	1,663,055	19,426,810	21,208,784	23,557,346	26,007,177	28,456,781	31,206,029
Hotels and other lodging places	47,114	41,734	47,706	44,175	42,340	51,598	436,011	440,085	514,807	523,735	496,779	558,307
Personal services	59,377	64,482	70,068	73,583	91,455	96,220	886,383	957,917	1,048,680	1,084,801	1,255,868	1,362,334
Private households	12,112	13,057	13,654	(D)	(D)	(D)	224,779	240,074	249,084	276,691	276,951	283,830
Business services	263,668	284,221	321,469	329,752	386,189	403,730	3,997,209	4,667,552	5,547,877	6,424,281	7,460,562	8,576,558
Auto repair, services, and garages	63,944	63,869	70,113	81,624	91,315	95,211	722,787	746,705	840,079	964,021	1,022,715	1,109,428
Miscellaneous repair services	27,254	29,831	38,262	45,542	39,739	43,807	337,947	361,791	421,685	464,114	413,431	452,559
Amusement and recreation services	16,214	17,023	18,666	21,856	24,424	(D)	335,533	366,780	407,899	455,689	484,087	524,542
Motion pictures	3,042	3,333	3,442	6,438	5,111	(D)	96,577	113,877	130,076	192,195	213,868	230,619
Health services	315,289	348,491	367,877	389,167	426,755	465,703	6,208,224	6,806,728	7,312,379	7,693,638	8,094,783	8,583,758
Legal services	55,512	62,533	69,774	84,136	94,929	106,118	1,511,998	1,765,890	2,037,814	2,392,075	2,615,105	2,948,472
Educational services	30,112	30,836	33,746	39,785	41,373	43,574	948,471	1,038,679	1,096,597	1,186,921	1,274,997	1,335,055
Social services	29,774	24,674	26,226	29,770	32,886	35,728	462,646	512,843	552,570	581,589	652,077	737,559
Museums, botanical, zoological gardens	204	185	196	(D)	(D)	122	38,516	42,795	46,503	49,025	54,200	60,528
Membership organizations	61,528	69,038	75,128	76,449	78,769	80,148	1,075,470	1,170,594	1,220,160	1,258,894	1,307,330	1,375,227
Miscellaneous services	175,384	137,589	140,233	148,523	171,824	194,232	2,144,259	1,976,474	2,131,136	2,459,508	2,834,028	3,067,253
Government and government enterprises	1,075,450	1,135,145	1,202,621	1,275,984	1,361,181	1,402,945	12,702,697	13,693,130	14,304,131	15,171,912	15,930,713	16,884,616
Federal, civilian	253,763	261,371	271,908	288,462	302,155	301,530	2,315,211	2,446,109	2,640,168	2,801,504	2,919,059	2,989,414
Military	104,546	106,818	125,821	130,031	132,128	145,375	744,048	777,624	792,379	864,011	966,096	1,037,487
State and local	717,141	766,956	804,892	857,491	926,898	956,040	9,643,438	10,469,397	10,871,584	11,506,397	12,045,558	12,857,715

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Indiana						Iowa					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**55,193,930**	**56,447,323**	**59,035,669**	**65,014,516**	**68,391,220**	**72,282,704**	**31,553,242**	**31,569,424**	**31,789,757**	**34,763,303**	**36,162,648**	**38,113,737**
Nonfarm personal income	54,531,956	55,929,179	59,113,386	64,097,989	67,591,653	71,266,004	29,124,429	30,344,933	31,598,986	33,175,674	34,162,428	35,264,900
Farm income[1]	661,974	518,144	−77,717	916,527	799,567	1,016,700	2,428,813	1,224,491	190,771	1,587,629	2,000,220	2,848,837
Population (thousands)[2]	5,489.6	5,484.7	5,476.0	5,492.7	5,500.4	5,503.5	2,918.4	2,907.6	2,904.9	2,904.4	2,881.4	2,850.7
Per capita personal income (dollars)	**10,054**	**10,292**	**10,781**	**11,837**	**12,434**	**13,134**	**10,812**	**10,857**	**10,943**	**11,969**	**12,550**	**13,370**
Derivation of total personal income:												
Total earnings by place of work	41,023,317	40,790,702	42,365,653	47,288,624	49,970,884	52,965,096	22,348,307	21,075,948	20,712,712	23,394,270	24,460,609	26,087,813
Less: Personal contributions for social insurance[3]	2,245,878	2,339,921	2,368,523	2,619,311	2,914,582	3,107,567	1,164,524	1,247,671	1,257,297	1,355,193	1,469,874	1,535,068
Plus: Adjustment for residence	334,350	378,986	419,990	666,486	747,128	752,244	110,408	201,103	210,685	234,975	295,235	271,516
Equals: Net earnings by place of residence	39,111,789	38,829,767	40,417,120	45,335,799	47,803,430	50,609,773	21,294,191	20,029,380	19,666,100	22,274,052	23,285,970	24,824,261
Plus: Dividends, interest, and rent[5]	8,688,963	9,377,900	9,779,565	10,542,518	11,012,610	11,520,505	6,079,436	6,783,206	7,037,252	7,353,349	7,414,810	7,594,654
Plus: Transfer payments	7,393,178	8,239,656	8,838,984	9,136,199	9,575,180	10,152,426	4,179,615	4,756,838	5,086,405	5,135,902	5,461,868	5,694,822
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	33,660,135	33,623,596	35,122,993	38,370,717	40,670,617	42,842,270	16,013,231	15,953,156	16,334,671	17,301,018	17,759,546	18,265,196
Other labor income	3,776,074	3,875,862	4,080,949	4,273,310	4,396,541	4,578,708	1,658,130	1,699,641	1,736,358	1,751,492	1,749,307	1,794,034
Proprietors' income[6]	3,587,108	3,291,244	3,161,711	4,644,597	4,903,726	5,544,118	4,676,946	3,423,151	2,641,683	4,341,760	4,951,756	6,028,583
Farm	500,945	336,688	−253,386	742,887	623,595	839,155	2,147,224	932,108	−91,552	1,311,338	1,720,962	2,567,411
Nonfarm	3,086,163	2,954,556	3,415,097	3,901,710	4,280,131	4,704,963	2,529,722	2,491,043	2,733,235	3,030,422	3,230,794	3,461,172
Earnings by industry:												
Farm	661,974	518,144	−77,717	916,527	799,567	1,016,700	2,428,813	1,224,491	190,771	1,587,629	2,000,220	2,848,837
Nonfarm	40,361,343	40,272,558	42,443,370	46,372,097	49,171,317	51,948,396	19,919,494	19,851,457	20,521,941	21,806,641	22,460,389	23,238,976
Private	35,421,646	35,055,601	36,903,174	40,492,315	42,851,422	45,227,005	16,959,134	16,687,278	17,183,966	18,321,516	18,779,599	19,422,246
Agricultural services, forestry, fisheries, and other[7]	124,252	127,817	152,820	151,390	143,196	159,373	175,682	198,228	243,388	223,985	170,749	187,636
Agricultural services	121,687	127,293	146,754	147,436	138,797	154,229	173,577	198,409	236,039	216,114	166,194	182,003
Forestry, fisheries, and other[2]	2,565	524	6,066	3,954	4,399	5,144	2,105	−181	7,349	7,871	4,555	5,633
Mining	406,684	425,584	406,975	454,467	486,088	445,432	95,012	84,001	79,974	88,057	106,242	100,787
Coal mining	234,793	273,459	263,659	303,362	297,649	261,334	3,929	3,519	3,942	5,399	5,901	5,984
Oil and gas extraction	112,820	96,278	84,937	(D)	118,624	113,498	54,159	46,318	37,892	39,460	56,071	54,214
Metal mining	70	(D)	(D)	(D)	181	313	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	59,001	(D)	(D)	64,266	69,634	70,287	36,935	34,185	38,141	43,216	44,278	40,570
Construction	2,379,123	2,346,167	2,395,845	2,562,728	2,834,927	3,109,171	1,262,229	1,143,176	1,102,083	1,204,934	1,227,666	1,264,773
Manufacturing	15,935,659	14,968,920	15,510,255	17,294,267	17,785,866	18,109,999	5,599,424	5,163,442	5,146,048	5,473,756	5,423,464	5,461,495
Nondurable goods	3,361,248	3,513,058	3,733,629	4,067,475	4,269,299	4,434,062	2,028,767	1,992,926	2,039,457	2,070,233	2,062,260	2,122,623
Food and kindred products	757,484	798,381	828,551	828,960	865,649	858,535	1,134,607	1,102,881	1,082,277	1,021,842	1,012,581	1,026,380
Textile mill products	9,759	10,303	12,591	13,024	13,353	15,283	16,441	15,407	15,743	12,908	12,932	14,955
Apparel and other textile products	108,314	102,899	113,209	131,322	132,104	129,927	45,646	48,070	51,896	56,267	64,213	64,782
Paper and allied products	257,508	252,694	272,403	299,285	310,984	326,381	86,620	87,274	90,172	98,271	108,685	126,085
Printing and publishing	554,901	573,976	611,968	666,333	724,038	775,049	298,296	314,265	336,775	359,630	373,200	397,582
Chemicals and allied products	847,593	940,282	963,655	1,060,145	1,114,428	1,167,357	196,182	190,323	189,441	196,791	198,677	195,083
Petroleum and coal products	171,683	171,737	175,258	182,762	188,854	179,730	5,395	5,984	6,019	5,687	5,462	5,316
Tobacco manufactures	1,180	1,206	1,097	1,136	982	928	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	626,275	633,162	726,208	853,790	889,779	952,812	236,138	221,015	258,700	309,532	276,666	282,045
Leather and leather products	26,551	28,418	28,689	30,718	29,128	28,060	9,404	7,702	8,420	9,287	9,835	10,386
Durable goods	12,574,411	11,455,862	11,776,626	13,226,792	13,516,567	13,675,937	3,570,657	3,170,516	3,106,591	3,403,523	3,361,204	3,338,872
Lumber and wood products	325,839	287,010	350,934	384,781	408,687	458,114	81,350	70,336	86,246	94,162	105,372	122,243
Furniture and fixtures	306,134	299,941	333,903	383,322	399,212	426,152	82,892	77,368	92,282	94,209	104,682	110,205
Primary metal industries	3,332,440	2,904,659	2,805,313	2,867,735	2,801,448	2,625,434	257,275	246,970	247,187	284,536	260,492	266,089
Fabricated metal products	1,139,365	1,094,971	1,161,848	1,331,378	1,403,247	1,408,368	391,794	367,450	367,781	394,685	398,377	404,365
Machinery, except electrical	1,798,794	1,634,562	1,597,309	1,898,333	1,901,396	1,850,299	1,796,582	1,464,577	1,321,331	1,456,545	1,397,462	1,267,413
Electric and electronic equipment	2,392,190	2,169,634	2,262,368	2,555,394	2,637,311	2,644,500	505,632	491,523	487,066	508,675	536,594	599,770
Transportation equip. exc. motor vehicles	978,405	885,996	867,630	1,011,926	1,012,836	1,027,091	19,506	20,262	21,174	22,196	19,493	21,687
Motor vehicles and equipment	1,430,452	1,323,449	1,502,021	1,798,783	1,925,923	2,121,672	140,475	140,984	171,017	225,681	215,212	227,497
Stone, clay, and glass products	463,931	440,446	451,753	484,523	495,448	528,759	123,514	115,206	120,031	120,030	110,240	120,182
Instruments and related products	225,628	235,311	257,343	297,593	310,225	368,598	48,137	52,642	61,516	62,232	70,022	71,031
Miscellaneous manufacturing industries	181,233	179,883	186,204	213,024	220,834	216,950	123,500	123,198	130,960	140,572	143,258	128,390
Transportation and public utilities	2,852,930	3,008,153	3,143,286	3,354,592	3,503,857	3,673,036	1,515,664	1,553,994	1,552,084	1,646,252	1,646,304	1,677,536
Railroad transportation	393,024	365,034	358,398	386,619	380,812	357,217	249,977	234,730	223,019	234,803	219,590	207,745
Trucking and warehousing	996,774	986,757	1,035,209	1,210,024	1,276,989	1,382,463	596,103	608,191	606,435	688,530	665,094	676,065
Water transportation	25,057	26,232	27,075	28,209	30,017	31,161	3,453	3,949	4,365	4,787	4,304	6,110
Other transportation[8]	170,326	187,908	213,622	251,986	269,236	291,097	62,693	66,597	69,934	75,883	85,918	97,913
Communication	621,819	687,990	728,951	695,927	729,202	758,675	329,115	340,534	336,439	314,011	326,289	337,821
Electric, gas, and sanitary services	645,930	754,232	780,031	781,827	817,601	852,423	274,323	299,993	311,892	328,238	345,109	351,882
Wholesale trade	2,238,268	2,211,127	2,261,062	2,506,399	2,688,950	2,865,614	1,604,833	1,604,384	1,558,322	1,681,490	1,714,421	1,715,225
Retail trade	3,916,377	3,950,060	4,254,736	4,496,078	4,753,548	5,103,967	2,107,368	2,100,759	2,241,779	2,313,105	2,349,421	2,429,792
Finance, insurance, and real estate	1,749,897	1,741,640	1,927,192	2,041,208	2,201,173	2,533,297	1,123,445	1,121,643	1,254,324	1,332,842	1,398,095	1,536,907
Banking and credit agencies	664,753	699,605	741,427	798,149	858,871	945,886	416,015	446,023	480,625	517,050	527,115	547,623
Other finance, insurance, and real estate[9]	1,085,144	1,042,035	1,185,765	1,243,059	1,342,302	1,587,411	707,430	675,620	773,699	815,792	870,980	989,284
Services	5,818,456	6,276,133	6,851,003	7,631,186	8,453,817	9,227,116	3,475,477	3,717,651	4,005,964	4,357,095	4,743,237	5,048,095
Hotels and other lodging places	148,643	152,806	158,427	172,287	186,740	197,603	78,216	73,330	86,156	83,431	86,598	86,505
Personal services	358,568	376,659	417,804	447,117	543,107	583,357	211,430	218,477	230,035	246,601	295,895	308,748
Private households	86,391	91,959	95,064	105,403	105,472	108,027	57,968	61,560	63,704	70,448	69,860	70,707
Business services	660,714	725,480	813,568	970,334	1,189,547	1,382,204	548,987	629,841	687,181	803,221	960,584	1,054,095
Auto repair, services, and garages	316,080	316,766	356,981	416,469	459,191	495,093	174,749	170,687	195,944	229,299	242,786	251,071
Miscellaneous repair services	128,615	137,819	160,348	192,293	183,941	202,220	68,847	74,118	87,781	100,827	88,149	94,080
Amusement and recreation services	106,667	106,611	114,962	140,783	161,899	177,644	52,985	52,381	55,384	60,720	67,971	74,886
Motion pictures	21,419	23,430	22,993	26,820	31,550	32,334	9,592	9,677	11,059	11,652	13,198	14,187
Health services	2,427,928	2,728,788	2,959,285	3,171,428	3,414,558	3,681,480	1,329,323	1,463,620	1,543,057	1,581,649	1,667,059	1,766,246
Legal services	339,186	365,931	401,476	485,809	530,192	588,082	218,078	238,794	281,212	351,557	371,694	404,287
Educational services	254,255	293,191	317,797	347,233	366,834	396,759	162,468	174,663	189,880	205,593	214,863	229,081
Social services	192,165	191,934	204,083	224,713	245,339	268,199	109,409	111,632	118,453	129,566	145,172	154,882
Museums, botanical, zoological gardens	5,986	6,650	7,295	7,818	8,449	9,129	1,551	1,610	1,760	1,870	2,188	2,473
Membership organizations	352,278	382,856	396,202	411,548	423,450	425,721	168,205	180,762	186,277	196,009	199,297	203,993
Miscellaneous services	419,563	375,253	424,718	511,131	603,548	679,264	283,669	256,499	268,081	284,652	317,923	332,854
Government and government enterprises	4,939,697	5,216,957	5,540,196	5,879,782	6,319,895	6,721,391	2,960,360	3,164,179	3,337,975	3,485,125	3,680,790	3,816,730
Federal, civilian	942,324	969,895	1,041,480	1,100,779	1,174,862	1,197,108	417,880	437,693	468,503	490,842	517,347	528,666
Military	187,496	217,935	249,054	256,258	285,460	316,117	37,863	44,163	53,644	59,201	63,206	70,988
State and local	3,809,877	4,029,127	4,249,662	4,522,745	4,859,573	5,208,166	2,504,617	2,682,323	2,815,828	2,935,082	3,100,237	3,217,076

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Kansas						Kentucky					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**26,736,108**	**28,459,308**	**29,470,626**	**31,788,624**	**33,864,754**	**35,646,440**	**32,737,601**	**34,281,307**	**35,339,609**	**38,732,439**	**40,342,645**	**42,259,966**
Nonfarm personal income	25,970,464	27,518,061	28,839,288	30,871,325	32,578,409	34,123,278	31,566,386	33,249,067	34,894,321	37,530,726	39,464,698	41,467,906
Farm income[1]	765,644	941,247	631,338	917,299	1,286,345	1,523,162	1,171,215	1,032,240	445,288	1,201,713	877,947	792,060
Population (thousands)[2]	2,389.6	2,410.1	2,429.0	2,442.2	2,449.9	2,460.8	3,676.0	3,694.0	3,713.5	3,720.2	3,728.5	3,728.1
Per capita personal income (dollars)	**11,188**	**11,809**	**12,133**	**13,017**	**13,823**	**14,486**	**8,906**	**9,280**	**9,517**	**10,411**	**10,820**	**11,335**
Derivation of total personal income:												
Total earnings by place of work	18,741,690	19,560,907	20,169,959	22,181,931	23,619,690	25,040,314	23,699,865	24,246,044	24,603,547	27,469,108	28,539,922	29,766,193
Less: Personal contributions for social insurance[3]	1,046,291	1,142,329	1,179,316	1,300,900	1,430,217	1,516,951	1,192,066	1,264,925	1,284,243	1,420,993	1,574,154	1,659,357
Plus: Adjustment for residence	692,546	686,594	689,828	706,670	834,035	760,419	189,511	172,286	203,749	207,249	218,879	362,169
Equals: Net earnings by place of residence	18,387,945	19,105,172	19,680,471	21,587,701	23,023,508	24,283,782	22,697,310	23,153,405	23,523,053	26,255,364	27,184,647	28,469,005
Plus: Dividends, interest, and rent[4]	4,778,415	5,354,365	5,532,991	5,884,874	6,263,302	6,514,686	4,526,329	5,095,414	5,319,201	5,770,424	6,083,636	6,352,504
Plus: Transfer payments	3,569,748	3,999,771	4,257,164	4,316,049	4,577,944	4,847,972	5,513,962	6,032,488	6,497,355	6,706,651	7,074,362	7,438,457
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	14,649,509	15,238,357	15,848,163	17,238,596	18,057,523	18,928,830	18,322,357	18,921,587	19,534,957	21,183,425	22,244,301	23,191,712
Other labor income	1,477,869	1,590,452	1,666,657	1,728,004	1,773,794	1,855,360	2,028,536	2,161,855	2,183,390	2,304,131	2,360,348	2,433,358
Proprietors' income[5]	2,614,312	2,732,098	2,655,139	3,215,331	3,788,373	4,256,124	3,348,972	3,162,602	2,885,200	3,981,552	3,935,273	4,141,123
Farm	606,224	767,771	463,703	751,959	1,119,398	1,355,501	1,029,695	866,289	285,746	1,045,219	719,870	632,405
Nonfarm	2,008,088	1,964,327	2,191,436	2,463,372	2,668,975	2,900,623	2,319,277	2,296,313	2,599,454	2,936,333	3,215,403	3,508,718
Earnings by industry:												
Farm	765,644	941,247	631,338	917,299	1,286,345	1,523,162	1,171,215	1,032,240	445,288	1,201,713	877,947	792,060
Nonfarm	17,976,046	18,619,660	19,538,621	21,264,632	22,333,345	23,517,152	22,528,650	23,213,804	24,158,259	26,267,395	27,661,975	28,974,133
Private	14,955,400	15,338,216	16,076,108	17,585,185	18,350,614	19,291,112	18,800,939	19,171,840	19,845,547	21,739,176	22,868,422	23,967,999
Agricultural services, forestry, fisheries, and other[7]	92,955	97,229	111,070	108,960	96,114	105,487	95,172	108,776	134,291	139,998	144,793	162,827
Agricultural services	91,736	97,110	109,087	107,638	94,636	103,650	93,078	108,725	129,051	137,516	141,800	159,306
Forestry, fisheries, and other[7]	1,219	119	1,983	1,322	1,478	1,837	2,094	51	5,240	2,482	2,993	3,521
Mining	539,827	536,799	503,860	528,138	525,190	389,151	1,844,988	1,883,779	1,604,078	1,798,984	1,792,311	1,715,369
Coal mining	15,854	15,948	13,941	15,910	16,094	13,010	1,683,259	1,719,448	1,438,180	1,623,492	1,598,172	1,545,925
Oil and gas extraction	500,266	498,618	464,968	485,933	482,342	352,779	117,449	117,826	119,010	124,745	142,436	122,977
Metal mining	(L)	(L)	(L)	(L)	(L)	151	(L)	−151	(L)	−71	190	433
Nonmetallic minerals, except fuels	23,721	22,280	24,958	26,338	26,706	23,211	44,277	46,656	46,878	50,818	51,513	46,034
Construction	1,191,257	1,189,773	1,269,129	1,413,643	1,422,461	1,560,897	1,383,819	1,427,577	1,387,126	1,508,934	1,598,318	1,762,218
Manufacturing	4,083,873	3,949,639	4,003,250	4,464,030	4,593,646	4,866,251	5,735,229	5,513,681	5,771,408	6,423,496	6,585,842	6,715,854
Nondurable goods	1,443,925	1,493,090	1,518,555	1,602,652	1,692,706	1,796,083	2,315,396	2,380,033	2,477,113	2,604,773	2,697,192	2,799,849
Food and kindred products	494,506	524,590	551,675	582,263	624,318	663,706	440,757	478,445	474,006	465,933	468,299	478,278
Textile mill products	274	257	983	1,142	2,426	3,408	77,497	83,314	89,158	93,611	91,214	101,203
Apparel and other textile products	38,008	39,929	43,340	46,142	44,630	46,290	273,868	274,142	296,664	313,457	323,414	334,078
Paper and allied products	72,297	77,613	89,200	91,984	96,597	98,700	151,307	158,357	168,134	188,462	198,729	210,632
Printing and publishing	287,723	305,994	319,985	344,644	359,592	383,535	263,239	277,506	301,737	326,909	367,962	404,587
Chemicals and allied products	223,433	232,553	216,245	228,408	242,830	265,603	409,572	408,638	415,881	440,975	453,408	461,439
Petroleum and coal products	180,500	176,910	146,711	121,221	119,218	124,334	145,174	156,030	163,848	161,624	169,531	172,334
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	130	294,480	287,240	283,126	288,087	281,687	256,947
Rubber and misc. plastic products	144,936	133,084	147,523	183,861	199,946	207,643	218,423	218,527	251,678	297,679	314,738	353,851
Leather and leather products	2,219	2,154	2,876	2,965	3,138	2,734	41,079	37,834	32,881	28,036	28,210	26,500
Durable goods	2,639,948	2,456,549	2,484,695	2,861,378	2,900,940	3,070,168	3,419,833	3,133,648	3,294,295	3,818,723	3,888,650	3,916,005
Lumber and wood products	61,365	60,192	60,126	66,334	63,733	62,676	164,057	128,995	143,645	163,653	169,513	183,317
Furniture and fixtures	26,314	25,836	25,040	26,573	25,688	25,418	69,818	65,670	80,909	93,090	97,458	98,265
Primary metal industries	79,707	65,650	57,801	80,494	74,570	77,798	564,769	511,142	531,913	601,247	579,454	560,496
Fabricated metal products	250,768	236,464	230,053	244,910	256,748	261,463	345,396	321,863	315,547	344,517	358,391	367,548
Machinery, except electrical	482,505	428,643	392,106	446,643	456,793	475,516	900,717	827,662	797,950	931,356	963,305	945,095
Electric and electronic equipment	171,195	164,702	177,260	201,191	205,598	205,858	713,760	644,652	713,251	811,468	785,809	812,060
Transportation equip. exc. motor vehicles	1,168,876	1,032,978	984,631	1,180,672	1,191,620	1,366,847	35,029	26,062	23,850	37,190	44,914	58,271
Motor vehicles and equipment	144,729	187,291	278,813	315,078	325,263	296,873	342,485	334,498	392,020	519,325	554,432	529,035
Stone, clay, and glass products	170,289	164,158	179,677	188,967	190,745	193,072	164,865	158,616	165,898	175,166	190,239	206,922
Instruments and related products	56,819	64,490	67,927	75,795	74,702	69,007	60,735	57,376	64,650	73,342	72,531	71,979
Miscellaneous manufacturing industries	27,381	26,145	31,261	34,721	35,480	35,640	58,202	57,112	64,662	68,369	72,604	83,017
Transportation and public utilities	1,687,237	1,805,572	1,908,692	2,060,783	2,072,305	2,114,012	1,793,896	1,849,887	1,868,752	2,042,294	2,106,092	2,164,537
Railroad transportation	444,018	443,644	457,288	488,614	465,371	438,460	398,547	367,726	349,444	371,505	356,875	326,336
Trucking and warehousing	491,462	518,020	540,244	620,894	620,553	647,920	547,413	552,430	556,346	678,204	689,183	722,110
Water transportation	1,275	302	372	378	423	586	42,328	40,594	43,500	52,172	57,213	62,848
Other transportation[8]	149,152	167,287	184,323	190,663	192,645	202,670	99,205	112,637	123,423	137,445	155,601	178,708
Communication	321,664	362,662	391,712	382,978	393,263	409,923	379,117	400,023	399,964	383,562	382,839	386,756
Electric, gas, and sanitary services	279,666	313,657	334,753	377,256	400,050	414,453	327,286	376,477	396,075	419,406	464,381	487,779
Wholesale trade	1,411,093	1,471,288	1,489,016	1,604,432	1,695,336	1,736,356	1,239,363	1,285,958	1,278,123	1,393,161	1,495,477	1,496,635
Retail trade	1,852,798	1,898,100	2,026,373	2,143,132	2,262,921	2,370,480	2,317,232	2,429,082	2,627,032	2,779,923	2,967,683	3,152,608
Finance, insurance, and real estate	913,129	948,473	1,062,227	1,146,823	1,238,398	1,385,421	915,388	922,173	1,040,617	1,112,117	1,216,719	1,386,604
Banking and credit agencies	364,678	402,134	426,063	454,703	486,139	520,351	409,593	442,697	480,134	514,963	552,912	594,251
Other finance, insurance, and real estate[9]	548,451	546,339	636,164	692,120	752,259	865,070	505,795	479,476	560,483	597,154	663,807	792,353
Services	3,183,231	3,441,343	3,702,491	4,115,244	4,454,243	4,763,057	3,475,852	3,750,927	4,134,120	4,540,269	4,961,187	5,411,347
Hotels and other lodging places	71,432	68,144	71,759	72,108	70,851	77,291	108,512	114,485	129,033	127,517	128,538	135,367
Personal services	198,316	219,547	236,947	251,719	304,377	325,703	216,502	230,781	260,177	272,916	331,762	359,192
Private households	50,703	54,573	56,993	63,364	63,541	65,288	82,436	88,296	92,011	101,936	102,001	104,357
Business services	502,096	612,904	685,315	835,661	959,277	1,047,673	345,032	391,822	444,196	528,882	624,117	729,808
Auto repair, services, and garages	183,415	170,771	185,851	219,697	233,304	243,588	184,127	181,023	213,079	250,670	267,934	289,223
Miscellaneous repair services	116,850	121,622	144,141	155,913	137,149	147,163	67,180	75,959	91,250	103,520	88,923	102,082
Amusement and recreation services	51,004	53,794	57,079	63,204	64,763	68,973	73,504	76,027	85,023	93,853	102,550	108,910
Motion pictures	7,710	7,348	7,039	9,859	11,341	12,218	9,714	8,081	8,451	10,771	12,235	12,753
Health services	1,180,157	1,330,204	1,391,556	1,433,318	1,516,529	1,604,728	1,472,289	1,665,933	1,806,904	1,910,763	2,061,395	2,231,226
Legal services	165,942	182,796	211,528	254,232	272,980	298,773	220,790	249,507	271,995	328,213	360,264	400,839
Educational services	70,535	75,004	79,590	88,355	97,234	104,737	111,916	120,636	132,216	148,154	155,669	167,718
Social services	78,767	80,468	87,060	95,366	105,342	112,596	106,502	104,060	113,508	117,811	123,351	130,881
Museums, botanical, zoological gardens	663	946	1,008	1,028	1,557	1,691	2,181	2,609	2,928	3,248	3,857	4,215
Membership organizations	133,133	142,276	152,639	159,844	164,963	167,489	166,067	177,157	187,543	198,598	205,913	207,939
Miscellaneous services	372,508	320,946	333,986	411,576	451,035	485,146	309,100	264,551	295,806	343,417	392,678	426,837
Government and government enterprises	3,020,646	3,281,444	3,462,513	3,679,447	3,972,731	4,226,040	3,727,711	4,041,964	4,312,712	4,528,219	4,793,553	5,006,134
Federal, civilian	529,766	558,526	595,520	645,573	685,052	704,758	770,400	831,157	901,670	927,621	987,553	984,990
Military	458,728	513,614	521,398	531,012	583,864	618,045	588,567	686,274	732,420	741,698	784,844	785,433
State and local	2,032,152	2,209,304	2,345,595	2,502,862	2,703,815	2,903,237	2,368,744	2,524,533	2,678,622	2,858,900	3,021,156	3,235,711

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Louisiana						Maine					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**42,211,232**	**44,862,524**	**46,455,990**	**48,798,105**	**50,544,297**	**50,375,742**	**10,227,245**	**10,901,708**	**11,780,856**	**12,915,190**	**13,784,546**	**14,985,910**
Nonfarm personal income	41,802,159	44,488,172	46,124,304	48,370,736	50,229,855	50,027,306	10,100,315	10,785,101	11,710,500	12,807,795	13,699,907	14,918,400
Farm income[1]	409,073	374,352	331,686	427,369	314,442	348,436	126,930	116,607	70,356	107,395	84,639	67,510
Population (thousands)[2]	4,300.1	4,383.6	4,441.9	4,462.5	4,486.0	4,501.4	1,135.0	1,139.8	1,147.6	1,157.9	1,165.6	1,173.7
Per capita personal income (dollars)	**9,816**	**10,234**	**10,458**	**10,935**	**11,267**	**11,191**	**9,011**	**9,565**	**10,265**	**11,154**	**11,827**	**12,768**
Derivation of total personal income:												
Total earnings by place of work	33,121,537	34,544,598	34,744,053	36,557,046	37,210,998	36,116,963	7,116,197	7,478,743	8,106,635	8,944,522	9,566,105	10,486,283
Less: Personal contributions for social insurance[3]	1,735,607	1,912,666	1,862,658	1,988,838	2,133,762	2,100,517	385,899	411,911	444,893	492,964	551,441	607,849
Plus: Adjustment for residence	−390,975	−425,214	−342,669	−379,163	−349,839	−273,802	−9,311	−7,450	2,217	−5,515	9,622	50,125
Equals: Net earnings by place of residence	30,994,955	32,206,718	32,538,726	34,189,045	34,727,397	33,742,644	6,720,987	7,059,382	7,663,959	8,446,043	9,024,286	9,928,559
Plus: Dividends, interest, and rent[5]	5,625,153	6,226,142	6,692,500	7,204,480	7,755,998	7,926,687	1,568,910	1,714,183	1,818,866	2,087,778	2,208,755	2,397,169
Plus: Transfer payments	5,591,124	6,429,664	7,224,764	7,404,580	8,060,902	8,706,411	1,937,348	2,128,143	2,298,031	2,381,369	2,551,505	2,660,182
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	27,180,783	28,523,479	28,295,980	29,709,642	30,221,967	29,019,022	5,682,575	6,076,769	6,492,603	7,113,339	7,612,350	8,321,303
Other labor income	2,901,882	3,108,410	3,112,820	3,092,868	3,106,256	3,006,815	598,258	672,453	738,636	790,769	823,591	894,471
Proprietors' income[6]	3,038,872	2,912,709	3,335,253	3,754,536	3,882,775	4,091,126	835,364	729,521	875,396	1,040,414	1,130,164	1,270,509
Farm	297,157	251,780	213,549	313,564	199,499	232,037	83,335	64,511	19,719	57,648	34,610	17,483
Nonfarm	2,741,715	2,660,929	3,121,704	3,440,972	3,683,276	3,859,089	752,029	665,010	855,677	982,766	1,095,554	1,253,026
Earnings by industry:												
Farm	409,073	374,352	331,686	427,369	314,442	348,436	126,930	116,607	70,356	107,395	84,639	67,510
Nonfarm	32,712,464	34,170,246	34,412,367	36,129,677	36,896,556	35,768,527	6,989,267	7,362,136	8,036,279	8,837,127	9,481,466	10,418,773
Private	27,849,873	28,747,533	28,713,232	30,172,352	30,654,996	29,460,217	5,672,415	5,922,605	6,498,501	7,191,614	7,705,126	8,562,687
Agricultural services, forestry, fisheries, and other[7]	147,120	149,164	183,012	163,135	182,959	183,837	70,238	50,059	110,925	79,298	135,081	159,041
Agricultural services	100,226	113,453	113,580	117,224	109,167	108,937	25,001	27,484	31,307	32,124	32,500	39,081
Forestry, fisheries, and other[7]	46,894	35,711	69,432	45,911	73,792	74,900	45,237	22,575	79,618	47,174	102,581	119,960
Mining	2,926,469	3,063,541	2,712,816	2,791,829	2,916,587	2,321,501	29,788	25,576	22,096	24,790	34,086	30,421
Coal mining	(D)	(D)	(D)	(D)	7,673	10,159	(D)	81	109	124	131	135
Oil and gas extraction	2,831,396	2,968,249	2,624,043	2,694,300	2,815,686	2,214,725	25,998	(D)	(D)	20,807	31,151	(D)
Metal mining	(D)	(D)	(D)	(D)	4,594	5,805	(D)	850	960	974	584	813
Nonmetallic minerals, except fuels	89,294	89,470	82,587	87,232	88,634	90,812	2,316	(D)	(D)	2,885	2,220	(D)
Construction	3,569,496	3,398,892	3,320,344	3,375,406	3,081,988	2,704,377	428,112	443,613	479,620	605,967	682,013	827,807
Manufacturing	5,488,820	5,352,746	4,997,822	5,180,461	5,235,049	5,056,185	2,025,760	2,081,997	2,219,354	2,383,636	2,386,391	2,499,869
Nondurable goods	2,968,372	3,008,833	3,023,010	3,072,109	3,108,912	3,132,469	1,205,317	1,252,547	1,327,416	1,365,744	1,345,248	1,372,088
Food and kindred products	457,017	469,901	466,346	455,028	441,869	456,748	134,258	136,924	136,660	132,726	138,003	142,051
Textile mill products	25,011	24,254	23,239	26,684	27,306	(D)	110,804	93,992	106,534	120,327	117,878	124,476
Apparel and other textile products	94,116	87,071	90,108	102,691	95,581	91,077	53,110	56,674	61,119	62,093	56,636	57,561
Paper and allied products	396,568	356,052	379,430	397,457	417,784	450,693	493,606	529,853	555,592	600,418	613,589	651,444
Printing and publishing	183,704	195,431	206,478	208,999	231,028	233,871	59,203	65,133	73,610	82,126	92,028	102,475
Chemicals and allied products	1,140,909	1,223,275	1,162,469	1,187,232	1,188,916	1,154,936	25,082	20,001	21,851	23,123	22,746	23,023
Petroleum and coal products	618,221	606,429	644,810	649,993	660,854	660,666	3,821	4,766	6,852	7,724	(D)	7,663
Tobacco manufactures	163	(L)	76	103	52	51	(L)	(L)	(L)	(L)	(D)	(L)
Rubber and misc. plastic products	50,399	44,491	48,366	41,774	43,803	47,328	54,741	68,909	71,207	73,856	77,944	76,088
Leather and leather products	2,264	1,904	1,688	2,148	1,719	(D)	270,677	276,293	293,984	263,342	219,688	187,303
Durable goods	2,520,448	2,343,913	1,974,812	2,108,352	2,126,137	1,923,716	820,443	829,450	891,938	1,017,892	1,041,143	1,127,781
Lumber and wood products	237,369	222,428	241,280	261,828	261,161	268,655	262,317	222,081	262,900	300,603	298,887	304,836
Furniture and fixtures	10,408	10,405	11,432	11,867	12,215	10,704	14,187	(D)	(D)	(D)	(D)	22,061
Primary metal industries	226,102	175,031	117,134	111,612	103,374	82,530	7,555	7,238	9,174	14,231	18,099	18,807
Fabricated metal products	460,730	431,137	336,708	324,814	337,444	317,190	82,069	77,906	67,052	75,955	74,861	69,013
Machinery, except electrical	378,761	362,152	260,613	264,750	278,289	230,903	83,575	83,224	83,483	98,248	117,217	118,317
Electric and electronic equipment	240,881	235,609	203,938	277,161	290,667	240,909	126,781	134,380	148,216	193,399	203,207	223,831
Transportation equip. exc. motor vehicles	713,768	634,152	482,658	475,680	488,459	454,747	196,218	248,058	263,194	270,649	254,033	303,813
Motor vehicles and equipment	31,168	67,580	97,503	132,127	137,613	123,076	4,089	(D)	(D)	(D)	(D)	2,287
Stone, clay, and glass products	165,126	161,439	172,488	186,610	160,091	141,110	21,127	20,015	19,410	21,304	29,250	34,988
Instruments and related products	24,357	19,994	19,768	19,984	19,525	16,777	10,646	10,719	9,405	9,720	8,756	13,767
Miscellaneous manufacturing industries	31,778	23,986	31,290	41,919	37,299	37,115	11,879	9,273	11,157	14,000	14,918	16,061
Transportation and public utilities	3,170,465	3,297,072	3,259,879	3,354,646	3,374,790	3,210,627	443,774	471,442	504,730	556,172	565,297	602,715
Railroad transportation	241,465	240,168	245,632	246,858	221,184	203,665	60,948	(D)	(D)	60,700	54,525	51,963
Trucking and warehousing	572,751	555,977	553,104	620,080	609,561	612,147	138,358	144,479	158,132	192,811	190,972	208,986
Water transportation	922,266	883,572	774,318	747,225	747,841	628,630	11,219	(D)	(D)	(D)	15,081	15,770
Other transportation[8]	382,478	411,546	409,819	411,373	410,381	401,142	32,789	(D)	(D)	(D)	46,622	51,264
Communication	569,741	628,964	636,435	616,910	618,749	579,069	123,795	133,415	141,999	140,181	143,184	148,684
Electric, gas, and sanitary services	481,764	576,845	640,571	712,200	767,074	785,974	76,665	83,806	93,419	105,352	114,913	126,048
Wholesale trade	2,258,312	2,267,224	2,141,466	2,232,921	2,247,874	2,108,357	351,683	366,847	388,710	435,432	495,772	548,813
Retail trade	3,165,301	3,309,077	3,542,350	3,738,918	3,774,627	3,729,033	759,266	802,914	911,382	995,871	1,082,232	1,233,965
Finance, insurance, and real estate	1,410,941	1,521,521	1,693,887	1,798,526	1,905,097	2,023,530	282,563	284,308	343,876	377,545	419,429	531,872
Banking and credit agencies	592,856	681,051	753,068	815,643	867,928	880,547	107,855	120,964	134,370	148,902	157,416	182,852
Other finance, insurance, and real estate[9]	818,085	840,470	940,819	982,883	1,037,169	1,142,983	174,808	163,344	209,506	228,643	262,013	349,020
Services	5,712,949	6,388,296	6,861,656	7,536,510	7,936,025	8,122,770	1,281,131	1,395,849	1,517,808	1,732,903	1,904,825	2,128,184
Hotels and other lodging places	221,396	220,028	252,336	281,670	260,469	262,079	54,064	53,482	65,295	73,279	79,338	86,883
Personal services	245,372	291,314	317,459	330,472	383,528	386,427	56,907	59,684	73,093	82,048	100,286	110,822
Private households	183,407	199,407	209,334	232,754	233,866	240,075	35,967	38,506	40,221	44,920	45,220	46,586
Business services	1,204,831	1,356,654	1,355,128	1,483,333	1,545,137	1,518,157	102,110	113,414	131,091	165,447	197,290	243,518
Auto repair, services, and garages	224,315	220,042	247,827	280,315	283,379	281,837	70,627	65,198	69,145	85,887	87,615	97,510
Miscellaneous repair services	217,889	228,871	223,481	238,600	200,667	182,767	22,367	21,853	28,423	34,882	31,431	37,144
Amusement and recreation services	93,114	98,652	114,534	145,596	131,375	136,605	19,897	20,655	22,182	27,365	33,389	37,630
Motion pictures	15,491	15,355	16,236	16,482	18,557	18,129	2,090	2,971	3,741	5,012	6,672	5,220
Health services	1,614,623	1,904,967	2,109,376	2,252,152	2,461,075	2,601,605	546,792	611,425	667,580	723,912	780,915	846,169
Legal services	456,670	562,597	667,498	803,435	864,337	933,367	73,610	85,407	97,302	120,166	133,399	154,999
Educational services	212,562	239,076	265,722	298,549	320,407	343,454	62,355	71,753	73,621	81,093	87,393	95,021
Social services	109,865	114,407	123,838	127,671	152,285	162,907	54,285	55,978	60,816	68,826	77,226	87,722
Museums, botanical, zoological gardens	1,565	1,774	2,246	2,785	2,824	2,929	1,095	996	1,219	1,409	1,740	1,951
Membership organizations	230,420	253,218	270,772	297,149	297,861	298,774	57,704	61,229	64,417	70,852	73,370	75,946
Miscellaneous services	681,429	681,934	685,869	745,547	780,258	753,658	121,261	133,298	119,662	147,805	169,541	201,063
Government and government enterprises	4,862,591	5,422,713	5,699,135	5,957,325	6,241,560	6,308,310	1,316,852	1,439,531	1,537,778	1,645,513	1,776,340	1,856,086
Federal, civilian	739,750	778,228	835,471	871,670	926,867	927,666	386,179	418,451	445,894	466,454	492,195	480,933
Military	448,579	533,351	560,091	587,458	620,218	652,269	173,275	190,418	204,124	217,826	235,345	237,177
State and local	3,674,262	4,111,134	4,303,573	4,498,197	4,694,475	4,728,375	757,398	830,662	887,760	961,233	1,048,800	1,137,976

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Maryland						Massachusetts					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**50,846,559**	**54,410,891**	**58,646,798**	**64,544,058**	**70,128,060**	**75,232,735**	**67,785,705**	**73,266,279**	**79,425,268**	**88,260,038**	**95,053,167**	**103,012,686**
Nonfarm personal income	50,639,259	54,161,790	58,494,618	64,212,042	69,811,629	74,868,118	67,641,034	73,111,758	79,243,113	88,061,735	94,854,608	102,786,712
Farm income[1]	207,300	249,101	152,180	332,016	316,431	364,617	144,671	154,521	182,155	198,303	198,559	225,974
Population (thousands)[2]	4,255.9	4,272.4	4,299.4	4,348.4	4,392.8	4,463.3	5,753.5	5,744.2	5,761.7	5,792.1	5,819.5	5,831.8
Per capita personal income (dollars)	**11,947**	**12,735**	**13,641**	**14,843**	**15,964**	**16,856**	**11,782**	**12,755**	**13,785**	**15,238**	**16,334**	**17,664**
Derivation of total personal income:												
Total earnings by place of work	32,883,473	34,569,118	37,579,340	41,749,015	45,573,663	49,406,182	48,899,617	52,304,165	57,523,920	64,641,464	70,714,016	77,040,668
Less: Personal contributions for social insurance[3]	1,940,284	2,071,591	2,271,063	2,534,863	2,936,053	3,213,878	2,742,257	2,946,614	3,229,011	3,644,943	4,150,844	4,551,112
Plus: Adjustment for residence	5,214,877	5,592,438	5,865,001	6,295,148	6,933,458	7,238,156	−553,696	−556,663	−761,584	−957,493	−1,220,034	−1,165,598
Equals: Net earnings by place of residence	36,158,066	38,089,965	41,173,278	45,509,300	49,571,068	53,430,460	45,603,664	48,800,888	53,533,325	60,039,028	65,343,138	71,323,958
Plus: Dividends, interest, and rent[4]	7,748,051	8,554,194	9,026,439	10,177,293	11,023,710	11,765,279	11,430,168	12,765,521	13,426,655	15,378,631	16,178,575	17,302,482
Plus: Transfer payments	6,940,442	7,766,732	8,447,081	8,857,465	9,533,282	10,036,996	10,751,873	11,699,870	12,465,288	12,842,379	13,531,454	14,386,246
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	27,980,771	29,390,508	31,888,254	35,287,316	38,506,885	41,655,748	40,971,777	43,900,598	47,769,323	53,727,539	58,700,922	63,790,603
Other labor income	2,463,474	2,725,678	2,976,295	3,166,967	3,364,218	3,561,788	4,026,518	4,528,967	4,982,272	5,395,462	5,737,190	6,106,717
Proprietors' income[5]	2,439,228	2,452,932	2,714,791	3,294,732	3,702,560	4,188,646	3,901,322	3,874,600	4,772,325	5,518,463	6,275,904	7,143,348
Farm	133,052	170,590	76,996	258,554	242,629	290,562	93,425	104,093	133,160	150,098	149,951	177,220
Nonfarm	2,306,176	2,282,342	2,637,795	3,036,178	3,459,931	3,898,084	3,807,897	3,770,507	4,639,165	5,368,365	6,125,953	6,966,128
Earnings by industry:												
Farm	207,300	249,101	152,180	332,016	316,431	364,617	144,671	154,521	182,155	198,303	198,559	225,974
Nonfarm	32,676,173	34,320,017	37,427,160	41,416,999	45,257,232	49,041,565	48,754,946	52,149,644	57,341,765	64,443,161	70,515,457	76,814,694
Private	24,564,074	25,677,590	28,261,732	31,640,101	34,960,434	38,285,661	42,074,028	45,239,355	49,947,130	56,539,674	61,919,564	67,581,284
Agricultural services, forestry, fisheries, and other[7]	122,334	130,831	166,446	170,859	209,883	243,600	200,672	213,008	272,503	268,085	339,043	402,084
Agricultural services	110,533	123,166	142,080	160,035	174,889	204,413	117,424	140,940	165,513	187,204	211,734	253,960
Forestry, fisheries, and other[7]	11,801	7,665	24,366	10,824	34,994	39,187	83,248	72,068	106,990	80,881	127,309	148,124
Mining	165,679	152,751	123,509	134,823	176,383	173,642	199,422	191,253	152,313	169,275	238,540	257,588
Coal mining	40,449	39,182	32,002	(D)	32,064	28,636	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	112,249	99,687	75,198	80,729	125,098	127,978	176,601	167,021	125,416	138,616	201,178	209,411
Metal mining	(L)	−53	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	12,987	13,935	16,310	(D)	19,210	17,002	22,201	23,611	25,783	29,501	36,039	46,583
Construction	2,263,564	2,227,686	2,559,470	3,071,606	3,539,147	4,043,311	2,185,462	2,461,893	2,815,142	3,402,587	3,900,971	4,587,937
Manufacturing	5,299,487	5,133,759	5,395,767	5,834,535	6,126,424	6,153,894	13,820,648	14,428,290	15,265,577	17,311,162	18,093,580	18,230,455
Nondurable goods	1,878,553	1,919,116	2,096,817	2,230,946	2,359,823	2,484,858	4,045,486	4,211,677	4,406,212	4,792,665	4,894,234	5,028,755
Food and kindred products	452,760	474,866	510,646	557,008	592,449	626,463	476,991	514,538	517,660	517,089	545,235	565,577
Textile mill products	(D)	15,095	17,471	17,852	18,065	(D)	386,186	353,132	388,588	406,874	403,323	396,657
Apparel and other textile products	178,474	177,314	184,633	193,392	176,046	167,525	451,376	453,546	462,504	489,145	459,793	422,686
Paper and allied products	193,518	206,890	218,961	236,642	248,270	262,582	583,209	598,859	632,394	694,968	687,418	695,337
Printing and publishing	461,442	482,309	557,010	611,648	668,790	704,975	804,069	893,716	985,854	1,144,427	1,262,663	1,372,214
Chemicals and allied products	335,496	338,564	377,317	375,536	403,632	431,472	470,320	512,251	497,497	574,741	599,454	618,340
Petroleum and coal products	26,118	26,384	25,626	28,503	30,454	(D)	61,600	60,614	57,161	61,335	63,655	66,689
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	165	79	116	132	97	94
Rubber and misc. plastic products	198,489	178,702	183,909	189,904	203,067	221,126	519,930	553,730	605,218	654,150	650,941	703,074
Leather and leather products	(D)	18,987	21,230	20,443	19,041	18,704	291,640	271,212	259,220	249,804	221,655	188,087
Durable goods	3,420,934	3,214,643	3,298,950	3,603,589	3,766,601	3,669,036	9,775,162	10,216,613	10,859,365	12,518,497	13,199,346	13,201,700
Lumber and wood products	(D)	47,628	59,014	66,706	73,528	74,421	86,020	80,305	90,466	107,711	111,991	122,428
Furniture and fixtures	(D)	50,565	54,925	67,930	70,365	71,899	125,737	122,384	126,979	142,477	150,542	179,430
Primary metal industries	1,023,727	844,400	744,378	739,542	681,905	542,532	385,685	375,913	331,454	375,341	367,625	396,371
Fabricated metal products	220,760	203,860	211,491	218,276	228,914	259,235	1,098,064	1,100,945	1,104,447	1,217,791	1,246,308	1,210,932
Machinery, except electrical	443,332	419,165	432,595	541,575	548,866	541,450	2,577,360	2,708,641	2,818,713	3,277,490	3,481,498	3,319,966
Electric and electronic equipment	820,291	937,747	1,086,872	1,201,758	1,322,067	1,367,066	2,420,262	2,658,732	2,985,050	3,539,672	3,844,448	3,956,692
Transportation equip. exc. motor vehicles	348,345	311,118	291,903	(D)	305,186	247,731	759,074	818,638	987,870	1,129,965	1,260,046	1,246,004
Motor vehicles and equipment	135,227	108,762	129,801	(D)	214,955	228,616	173,006	141,544	142,472	226,846	229,170	196,107
Stone, clay, and glass products	207,341	184,401	183,092	204,389	210,582	201,676	282,965	277,366	285,308	326,621	339,884	337,582
Instruments and related products	68,670	65,257	63,208	71,862	63,501	83,867	1,446,455	1,503,221	1,558,225	1,720,843	1,725,785	1,790,221
Miscellaneous manufacturing industries	47,632	41,740	41,671	43,701	46,732	50,543	420,534	428,924	428,381	453,740	442,049	445,967
Transportation and public utilities	2,168,054	2,389,787	2,513,916	2,686,393	2,857,382	2,999,388	3,073,179	3,282,329	3,484,792	3,685,010	3,953,310	4,026,185
Railroad transportation	256,228	237,740	228,871	244,096	243,791	222,316	126,847	120,903	119,704	150,038	158,958	146,284
Trucking and warehousing	549,779	559,780	587,538	645,732	673,772	723,937	649,431	657,693	688,306	787,134	818,114	867,639
Water transportation	147,561	139,675	135,253	143,510	141,931	140,522	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	174,204	203,566	231,285	258,263	293,503	340,752	(D)	(D)	(D)	(D)	(D)	(D)
Communication	622,839	800,906	864,107	843,486	865,586	892,640	1,132,030	1,277,527	1,358,302	1,248,873	1,303,653	1,227,718
Electric, gas, and sanitary services	417,443	448,120	466,862	551,306	638,799	679,221	548,865	573,829	605,548	707,363	785,867	845,860
Wholesale trade	1,942,976	2,134,251	2,285,222	2,577,088	2,790,968	3,020,357	3,037,009	3,208,399	3,542,247	4,139,365	4,548,422	4,992,451
Retail trade	3,651,061	3,808,435	4,233,733	4,660,300	5,141,382	5,628,899	4,610,604	4,858,911	5,571,746	6,208,597	6,923,783	7,715,426
Finance, insurance, and real estate	1,703,233	1,745,605	2,101,624	2,375,999	2,690,021	3,208,135	3,160,051	3,331,030	3,926,823	4,315,294	4,899,200	5,938,791
Banking and credit agencies	572,384	642,768	738,401	819,935	934,475	1,102,696	982,605	1,124,589	1,250,721	1,382,910	1,569,213	1,855,643
Other finance, insurance, and real estate[9]	1,130,849	1,102,837	1,363,223	1,556,064	1,755,546	2,105,439	2,177,446	2,206,441	2,676,102	2,932,384	3,329,987	4,083,148
Services	7,247,686	7,954,485	8,882,045	10,128,498	11,428,844	12,814,435	11,786,981	13,264,242	14,915,987	17,040,299	19,022,715	21,430,367
Hotels and other lodging places	117,843	140,464	165,497	188,756	218,195	257,711	228,873	260,883	317,595	364,194	405,860	466,593
Personal services	301,403	335,308	370,627	401,404	480,900	523,085	384,534	423,203	494,424	547,569	656,796	719,684
Private households	171,238	183,516	191,540	214,492	216,586	225,299	124,822	133,204	138,360	154,012	154,755	158,741
Business services	1,773,350	2,018,698	2,306,973	2,714,829	3,222,148	3,764,601	2,241,135	2,698,753	3,180,360	3,897,347	4,648,099	5,471,240
Auto repair, services, and garages	255,610	262,899	293,941	348,659	398,096	441,667	372,269	404,659	460,313	546,366	603,485	679,382
Miscellaneous repair services	133,982	133,541	155,239	200,133	212,893	229,482	167,343	186,715	221,970	244,955	241,701	273,069
Amusement and recreation services	158,041	167,123	192,357	201,152	228,329	246,144	180,178	192,530	220,141	254,593	290,787	316,734
Motion pictures	22,549	21,170	23,267	29,628	34,220	37,371	41,130	46,304	50,306	63,441	75,328	90,571
Health services	2,027,391	2,310,572	2,571,014	2,863,352	3,114,887	3,385,381	3,791,036	4,323,826	4,714,956	5,116,772	5,550,971	6,053,130
Legal services	398,063	442,625	501,441	603,686	679,319	784,225	701,178	823,374	967,716	1,180,672	1,323,217	1,560,958
Educational services	333,235	352,548	383,987	439,097	481,674	527,629	1,340,586	1,444,868	1,590,962	1,760,674	1,847,754	2,011,053
Social services	188,554	201,325	223,742	255,016	295,686	339,258	371,624	401,246	453,136	507,468	584,281	674,573
Museums, botanical, zoological gardens	1,041	1,715	1,764	1,944	2,146	2,188	29,172	31,434	33,667	38,628	44,662	49,940
Membership organizations	325,057	353,527	371,978	391,501	410,773	428,030	371,722	393,336	424,660	473,719	500,566	536,633
Miscellaneous services	1,040,329	1,029,454	1,128,678	1,274,849	1,432,992	1,622,364	1,441,379	1,499,907	1,647,421	1,889,889	2,094,453	2,368,066
Government and government enterprises	8,112,099	8,642,427	9,165,428	9,776,898	10,296,798	10,755,904	6,680,918	6,910,289	7,394,635	7,903,487	8,595,893	9,233,410
Federal, civilian	3,522,197	3,661,272	3,929,624	4,240,947	4,345,464	4,407,450	1,307,830	1,358,255	1,423,364	1,525,493	1,611,695	1,636,675
Military	683,494	777,612	821,884	895,252	951,367	1,005,327	318,269	348,090	389,603	406,496	411,480	451,576
State and local	3,906,408	4,203,543	4,413,920	4,640,699	4,999,967	5,343,127	5,054,819	5,203,944	5,581,668	5,971,498	6,572,718	7,145,159

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Michigan						Minnesota					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**100,082,163**	**101,227,512**	**107,437,161**	**118,047,218**	**127,542,033**	**135,395,892**	**45,302,845**	**47,733,535**	**50,026,729**	**55,824,394**	**59,256,777**	**63,175,102**
Nonfarm personal income	99,348,154	100,590,195	107,068,965	117,398,027	126,823,552	134,715,814	43,769,592	46,622,286	49,570,467	54,427,271	57,779,947	61,132,985
Farm income[1]	734,009	637,317	368,196	649,191	718,481	680,078	1,533,253	1,111,249	456,262	1,397,123	1,476,830	2,042,117
Population (thousands)[2]	9,210.5	9,118.6	9,055.7	9,062.0	9,088.3	9,144.5	4,112.4	4,133.3	4,145.5	4,164.0	4,191.6	4,214.0
Per capita personal income (dollars)	**10,866**	**11,101**	**11,864**	**13,027**	**14,034**	**14,806**	**11,016**	**11,549**	**12,068**	**13,407**	**14,137**	**14,992**
Derivation of total personal income:												
Total earnings by place of work	73,721,664	72,411,681	76,816,926	85,523,596	93,917,843	100,173,420	34,127,791	35,019,864	36,530,064	41,448,576	44,353,812	47,538,823
Less: Personal contributions for social insurance[3]	4,348,578	4,527,641	4,678,023	5,260,597	6,096,154	6,574,315	2,164,795	2,308,755	2,475,356	2,728,437	3,047,230	3,262,432
Plus: Adjustment for residence	393,197	441,480	488,281	632,347	705,110	614,334	−113,952	−111,139	−147,649	−189,104	−232,731	−233,222
Equals: Net earnings by place of residence	69,766,283	68,325,520	72,627,184	80,895,346	88,526,799	94,213,439	31,849,044	32,599,970	33,907,059	38,531,035	41,073,851	44,043,169
Plus: Dividends, interest, and rent[4]	14,600,739	15,383,595	16,277,417	18,375,281	19,495,395	20,450,280	7,350,523	8,244,918	8,700,613	9,515,954	9,949,891	10,472,693
Plus: Transfer payments	15,715,141	17,518,397	18,532,560	18,776,591	19,519,839	20,732,173	6,103,278	6,888,647	7,419,057	7,777,405	8,233,035	8,659,240
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	61,059,237	60,254,300	63,763,682	70,861,955	78,036,939	83,107,440	27,305,115	28,518,492	30,151,832	33,480,623	35,744,741	37,791,271
Other labor income	7,765,381	7,666,072	8,057,130	8,684,601	9,302,722	9,869,353	2,779,907	2,981,641	3,156,283	3,346,664	3,570,050	3,751,046
Proprietors' income[5]	4,897,046	4,491,309	4,996,114	5,977,040	6,578,182	7,196,627	4,042,769	3,519,731	3,221,949	4,621,289	5,039,021	5,996,506
Farm	549,933	434,036	175,739	460,181	527,471	488,531	1,314,064	875,870	230,895	1,177,301	1,251,164	1,815,596
Nonfarm	4,347,113	4,057,273	4,820,375	5,516,859	6,050,711	6,708,096	2,728,705	2,643,861	2,991,054	3,443,988	3,787,857	4,180,910
Earnings by industry:												
Farm	734,009	637,317	368,196	649,191	718,481	680,078	1,533,253	1,111,249	456,262	1,397,123	1,476,830	2,042,117
Nonfarm	72,987,655	71,774,364	76,448,730	84,874,405	93,199,362	99,493,342	32,594,538	33,908,615	36,073,802	40,051,453	42,876,982	45,496,706
Private	63,014,014	61,276,310	65,510,031	73,360,161	81,094,438	86,402,798	27,935,051	28,871,476	30,762,754	34,271,875	36,683,596	38,939,899
Agricultural services, forestry, fisheries, and other[7]	184,629	179,080	227,753	238,919	244,367	284,792	156,222	157,992	189,837	187,326	174,848	193,229
Agricultural services	170,003	177,723	192,385	199,914	221,655	256,251	148,043	157,903	167,099	167,724	160,032	174,839
Forestry, fisheries, and other[7]	14,626	1,357	35,368	39,005	22,712	28,541	8,179	89	22,738	19,602	14,816	18,390
Mining	561,936	439,188	393,906	434,436	516,527	505,907	587,554	412,348	330,564	373,558	382,975	330,659
Coal mining	760	397	332	553	619	687	340	331	305	277	201	207
Oil and gas extraction	311,412	269,317	241,881	265,965	353,676	337,316	97,946	93,883	78,256	83,286	115,597	115,843
Metal mining	172,518	103,992	87,107	94,124	87,520	99,377	454,979	282,596	210,789	242,757	219,151	172,149
Nonmetallic minerals, except fuels	77,246	65,482	64,586	73,794	74,712	68,527	34,289	35,538	41,214	47,238	48,026	42,460
Construction	3,299,242	3,005,903	3,054,023	3,317,911	3,914,419	4,453,983	2,031,563	1,999,990	2,132,330	2,491,443	2,688,657	2,994,986
Manufacturing	28,943,900	26,948,804	28,783,265	33,377,508	36,913,207	38,069,413	8,246,621	8,569,023	9,044,284	10,133,779	10,677,770	11,066,953
Nondurable goods	4,807,237	4,869,170	5,211,858	5,731,597	6,250,043	6,533,743	3,179,737	3,367,052	3,604,308	3,893,666	4,071,354	4,278,706
Food and kindred products	1,080,134	1,108,057	1,146,966	1,184,781	1,215,660	1,230,485	1,012,853	1,077,692	1,113,645	1,118,981	1,131,373	1,198,259
Textile mill products	44,306	51,463	53,685	50,722	51,761	42,366	45,308	38,978	38,653	37,499	38,395	39,607
Apparel and other textile products	413,335	395,306	468,603	583,123	684,302	745,200	61,130	43,071	42,006	43,151	42,129	44,104
Paper and allied products	523,055	529,306	566,018	618,221	652,450	726,848	916,275	1,001,789	1,099,044	1,208,627	1,255,883	1,308,167
Printing and publishing	667,892	696,212	741,934	816,858	915,013	951,364	668,402	723,522	781,653	878,779	968,989	1,018,705
Chemicals and allied products	1,273,490	1,296,484	1,346,643	1,430,399	1,545,199	1,642,880	182,333	189,859	209,284	240,512	256,127	273,183
Petroleum and coal products	97,265	97,153	95,319	92,329	96,712	130,175	62,396	63,746	71,682	71,283	71,868	72,475
Tobacco manufactures	205	(L)	89	108	54	51	60	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	652,264	642,657	737,545	902,109	1,035,738	1,015,904	194,456	192,634	210,515	255,166	266,894	287,546
Leather and leather products	55,291	52,496	55,056	52,947	53,154	48,470	36,524	35,752	37,796	39,628	39,676	36,640
Durable goods	24,136,663	22,079,634	23,571,407	27,645,911	30,663,164	31,535,670	5,066,884	5,201,971	5,439,976	6,240,113	6,606,416	6,788,247
Lumber and wood products	200,332	187,363	202,489	226,708	256,683	280,309	261,211	247,204	264,505	312,691	352,613	406,204
Furniture and fixtures	525,097	532,100	570,748	679,401	763,563	825,683	65,923	66,426	75,906	88,273	99,645	115,784
Primary metal industries	2,216,852	1,764,010	1,773,849	1,920,586	1,873,935	1,912,701	154,552	146,866	150,723	191,885	177,609	189,031
Fabricated metal products	2,882,697	2,540,087	2,805,762	3,409,456	4,018,348	4,074,099	872,892	891,487	917,364	1,023,782	1,078,332	1,042,233
Machinery, except electrical	4,348,205	3,851,964	3,552,890	4,106,103	4,491,226	4,580,303	2,118,978	2,188,840	2,259,686	2,689,692	2,838,219	2,728,248
Electric and electronic equipment	790,533	785,744	825,196	980,647	1,068,775	1,166,952	516,239	557,616	579,385	628,688	679,908	654,994
Transportation equip. exc. motor vehicles	454,875	486,826	551,649	600,352	665,489	723,992	49,847	48,554	48,950	63,625	72,545	81,507
Motor vehicles and equipment	11,808,900	11,059,872	12,375,711	14,667,191	16,386,991	16,784,976	100,276	98,321	114,454	145,901	165,479	207,485
Stone, clay, and glass products	472,937	428,437	456,202	528,484	565,805	581,253	186,851	184,158	200,108	214,054	213,950	216,886
Instruments and related products	276,397	294,455	307,003	343,563	381,988	406,593	618,655	652,518	707,833	760,465	798,123	994,277
Miscellaneous manufacturing industries	159,838	148,776	149,908	183,420	190,361	198,809	121,460	119,981	121,062	121,057	129,993	151,598
Transportation and public utilities	4,248,453	4,364,303	4,544,300	4,747,948	4,995,986	5,230,132	2,749,472	2,801,500	2,928,061	3,224,438	3,344,875	3,401,454
Railroad transportation	401,267	383,924	369,705	372,436	352,079	331,855	436,771	400,301	382,081	385,471	335,544	323,514
Trucking and warehousing	1,183,693	1,144,534	1,194,554	1,359,262	1,427,785	1,489,572	768,942	773,369	789,548	906,719	904,480	924,011
Water transportation	24,315	23,490	28,161	31,795	34,003	37,196	41,356	23,822	25,026	27,918	29,485	29,320
Other transportation[8]	359,372	376,907	416,027	477,330	550,686	652,898	584,125	602,435	685,885	751,268	859,589	874,623
Communication	1,173,644	1,231,897	1,247,277	1,172,308	1,245,206	1,280,730	503,135	551,898	579,672	615,258	642,418	640,878
Electric, gas, and sanitary services	1,106,162	1,203,551	1,288,576	1,334,817	1,386,227	1,437,881	415,143	449,675	465,849	537,804	573,359	609,108
Wholesale trade	3,863,018	3,847,046	3,987,039	4,645,264	4,991,427	5,420,392	2,729,645	2,804,042	2,803,611	3,153,953	3,298,930	3,441,933
Retail trade	6,661,649	6,626,928	7,095,081	7,565,920	8,047,422	8,724,038	3,445,474	3,558,451	3,810,071	4,114,579	4,357,113	4,567,447
Finance, insurance, and real estate	2,915,421	2,869,408	3,171,599	3,282,221	3,641,365	4,301,731	1,914,872	1,984,377	2,293,036	2,490,884	2,774,545	3,206,695
Banking and credit agencies	1,209,725	1,276,786	1,350,737	1,436,504	1,566,468	1,713,872	661,035	732,873	815,523	863,395	923,992	1,018,440
Other finance, insurance, and real estate[9]	1,705,696	1,592,622	1,820,862	1,845,717	2,074,897	2,587,859	1,253,837	1,251,504	1,477,513	1,627,489	1,850,553	2,188,255
Services	12,335,766	12,995,650	14,253,065	15,750,034	17,829,718	19,412,410	6,073,628	6,583,753	7,230,960	8,101,915	8,983,883	9,736,543
Hotels and other lodging places	228,911	227,988	245,021	254,570	268,359	322,916	189,779	181,860	211,249	220,950	229,065	241,811
Personal services	593,230	608,271	634,443	657,762	790,440	844,436	340,251	359,380	392,652	435,283	541,615	588,761
Private households	147,702	155,830	160,291	177,439	177,905	183,113	61,416	65,780	68,348	75,865	76,382	78,530
Business services	1,624,440	1,832,802	2,193,474	2,651,058	3,563,909	4,035,029	884,635	1,002,739	1,162,701	1,418,034	1,652,357	1,833,227
Auto repair, services, and garages	504,765	487,155	545,508	631,464	714,651	763,316	304,481	303,627	335,668	398,318	436,531	466,034
Miscellaneous repair services	230,467	225,289	261,401	318,818	345,947	352,773	123,554	120,944	148,084	168,812	146,448	152,893
Amusement and recreation services	275,196	272,315	292,247	315,486	346,157	376,566	143,861	149,954	169,590	194,588	225,752	245,690
Motion pictures	39,191	48,077	53,533	89,835	117,191	131,638	21,966	24,615	26,241	31,770	38,255	41,068
Health services	4,932,596	5,361,437	5,757,098	5,940,100	6,165,177	6,647,005	2,204,585	2,455,933	2,649,407	2,811,370	3,063,887	3,300,929
Legal services	731,165	844,313	927,099	1,053,753	1,160,578	1,282,714	384,891	452,886	517,420	621,479	689,326	770,553
Educational services	319,443	340,612	368,184	409,107	434,337	454,153	236,465	260,127	289,756	321,756	345,856	365,892
Social services	331,833	360,015	396,872	437,932	497,950	545,346	307,069	324,133	354,029	405,077	437,370	469,105
Museums, botanical, zoological gardens	13,807	14,354	14,613	13,950	13,852	15,492	11,512	11,083	11,855	13,708	15,996	20,294
Membership organizations	678,165	714,626	752,932	776,550	814,560	844,163	291,646	321,906	337,482	356,542	372,514	386,009
Miscellaneous services	1,684,855	1,502,566	1,650,349	2,022,210	2,418,705	2,613,750	567,517	548,786	556,478	628,363	712,529	775,747
Government and government enterprises	9,973,641	10,498,054	10,938,699	11,514,244	12,104,924	13,090,544	4,659,487	5,037,139	5,311,048	5,779,578	6,193,386	6,556,807
Federal, civilian	1,273,751	1,339,525	1,412,566	1,489,337	1,582,355	1,553,784	708,984	728,353	783,442	807,933	862,804	876,140
Military	233,189	264,599	291,519	316,253	335,084	352,094	83,738	83,286	93,183	105,274	113,630	128,259
State and local	8,466,701	8,893,930	9,234,614	9,708,654	10,187,485	11,184,666	3,866,765	4,225,500	4,434,423	4,866,371	5,216,952	5,552,408

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Mississippi						Missouri					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**19,489,018**	**20,551,262**	**21,431,283**	**23,159,109**	**24,241,938**	**25,454,041**	**50,981,503**	**53,723,337**	**57,090,840**	**62,524,522**	**66,553,704**	**70,502,935**
Nonfarm personal income	19,099,802	20,005,061	21,126,953	22,481,982	23,641,143	24,970,748	49,938,002	53,162,135	56,994,195	61,969,057	65,744,882	69,744,698
Farm income[1]	389,216	546,201	304,330	677,127	600,795	483,293	1,043,501	561,202	96,645	555,465	808,822	758,237
Population (thousands)[2]	2,544.8	2,567.3	2,583.3	2,599.3	2,614.4	2,625.0	4,939.0	4,943.3	4,965.2	5,005.5	5,035.3	5,066.2
Per capita personal income (dollars)	**7,658**	**8,005**	**8,296**	**8,910**	**9,273**	**9,697**	**10,322**	**10,868**	**11,498**	**12,491**	**13,217**	**13,916**
Derivation of total personal income:												
Total earnings by place of work	13,759,772	14,185,659	14,637,583	16,102,230	16,914,919	17,588,204	37,745,606	38,903,917	41,284,026	45,880,172	49,436,679	52,263,390
Less: Personal contributions for social insurance[3]	721,343	779,264	811,376	880,920	970,305	1,022,834	2,164,516	2,317,463	2,420,215	2,687,293	3,009,269	3,212,774
Plus: Adjustment for residence	430,204	468,038	434,604	507,201	518,334	471,198	−1,558,957	−1,510,450	−1,575,839	−1,707,514	−1,969,803	−1,946,901
Equals: Net earnings by place of residence	13,468,633	13,874,433	14,260,811	15,728,511	16,462,948	17,036,568	34,022,133	35,076,004	37,287,972	41,485,365	44,457,607	47,103,715
Plus: Dividends, interest, and rent[5]	2,387,172	2,675,229	2,780,409	2,971,861	3,026,502	3,398,805	9,340,086	10,319,510	10,866,690	11,858,578	12,378,953	12,964,000
Plus: Transfer payments	3,633,213	4,001,600	4,390,063	4,458,737	4,752,488	5,018,668	7,619,284	8,327,823	8,936,178	9,180,579	9,717,144	10,435,220
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,950,429	11,329,364	11,756,111	12,591,524	13,301,298	13,854,412	30,376,402	31,757,539	33,805,914	37,141,541	39,748,136	41,913,131
Other labor income	1,045,598	1,152,663	1,196,936	1,263,155	1,294,833	1,340,796	2,949,037	3,271,278	3,515,284	3,750,314	3,954,464	4,148,091
Proprietors' income[6]	1,763,745	1,703,632	1,684,536	2,247,551	2,318,788	2,392,996	4,420,167	3,875,100	3,962,828	4,988,317	5,734,079	6,202,168
Farm	265,095	404,358	167,737	542,936	465,395	347,215	882,146	396,336	−62,860	397,946	649,639	597,883
Nonfarm	1,498,650	1,299,274	1,516,799	1,704,615	1,853,393	2,045,781	3,538,021	3,478,764	4,025,688	4,590,371	5,084,440	5,604,285
Earnings by industry:												
Farm	389,216	546,201	304,330	677,127	600,795	483,293	1,043,501	561,202	96,645	555,465	808,822	758,237
Nonfarm	13,370,556	13,639,458	14,333,253	15,425,103	16,314,124	17,104,911	36,702,105	38,342,715	41,187,381	45,324,707	48,627,857	51,505,153
Private	10,669,064	10,809,072	11,361,332	12,262,365	12,932,236	13,556,630	31,462,670	32,817,129	35,214,400	38,951,862	41,802,670	44,378,165
Agricultural services, forestry, fisheries, and other[7]	77,358	62,828	111,278	109,739	91,931	103,122	148,298	152,530	190,524	190,613	170,501	198,197
Agricultural services	52,952	56,207	54,097	59,033	57,293	59,967	142,298	152,839	172,238	171,485	158,690	181,503
Forestry, fisheries, and other[7]	24,406	6,621	57,181	50,706	34,638	43,155	6,000	−309	18,286	19,128	11,811	16,694
Mining	322,304	313,962	244,879	255,249	263,213	204,844	319,833	320,919	289,575	317,389	375,376	357,836
Coal mining	329	183	68	138	145	149	58,522	75,159	76,071	102,372	108,277	103,295
Oil and gas extraction	306,176	299,669	232,598	241,243	248,737	192,886	124,494	108,624	87,184	91,836	134,490	134,836
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	81,400	81,128	70,159	57,901	60,400	54,542
Nonmetallic minerals, except fuels	15,802	14,156	12,207	13,862	14,325	11,803	55,417	56,008	56,161	65,280	72,209	65,163
Construction	968,947	972,513	891,095	881,836	896,677	919,589	2,213,223	2,262,684	2,472,452	2,918,470	3,164,858	3,512,774
Manufacturing	3,469,932	3,454,916	3,694,043	4,079,161	4,284,764	4,478,227	9,074,882	9,223,106	9,782,628	10,992,156	11,595,293	11,952,068
Nondurable goods	1,364,022	1,395,969	1,515,672	1,625,730	1,675,137	1,768,615	3,565,796	3,767,252	3,980,730	4,253,631	4,473,730	4,650,690
Food and kindred products	309,940	324,313	344,719	345,897	372,666	381,261	1,005,421	1,084,133	1,139,349	1,181,392	1,228,993	1,309,803
Textile mill products	79,206	81,201	84,593	89,715	98,289	106,894	7,848	10,465	12,715	12,126	12,607	10,282
Apparel and other textile products	367,429	352,630	376,079	409,537	388,154	405,024	300,234	297,514	303,061	321,327	317,335	311,711
Paper and allied products	185,232	196,168	210,176	223,412	230,604	257,840	269,175	276,217	297,420	323,667	338,950	359,592
Printing and publishing	88,508	94,310	101,592	112,895	122,263	127,195	692,858	739,469	788,116	880,350	936,678	988,842
Chemicals and allied products	138,111	138,091	156,347	179,207	184,978	190,662	769,252	857,961	903,397	970,407	1,048,358	1,082,580
Petroleum and coal products	64,394	74,564	90,756	93,171	94,440	94,414	58,123	45,630	37,421	40,386	59,259	61,951
Tobacco manufactures	(L)	(D)	(D)	(L)	(L)	(L)	77	(L)	112	140	303	385
Rubber and misc. plastic products	113,697	118,590	136,338	159,474	176,642	199,425	209,415	208,160	236,071	260,226	277,665	285,188
Leather and leather products	17,492	(D)	(D)	12,416	7,098	5,897	253,393	247,663	263,068	263,610	253,582	240,356
Durable goods	2,105,910	2,058,947	2,178,371	2,453,431	2,609,627	2,709,612	5,509,086	5,455,854	5,801,898	6,738,525	7,121,563	7,301,378
Lumber and wood products	361,351	316,802	366,199	428,883	448,977	450,792	136,013	121,903	140,155	159,077	159,067	175,698
Furniture and fixtures	204,263	198,269	239,749	275,379	310,161	336,484	136,917	144,160	169,726	200,720	205,151	219,271
Primary metal industries	66,316	65,570	74,623	90,867	97,627	91,821	425,937	384,181	362,370	412,715	401,334	398,446
Fabricated metal products	188,063	188,129	203,040	241,416	254,938	264,102	628,930	648,624	683,952	718,450	756,620	777,087
Machinery, except electrical	244,853	220,615	223,287	269,275	287,519	282,170	778,033	735,729	720,936	813,675	809,750	815,007
Electric and electronic equipment	352,646	343,001	418,683	462,740	489,704	481,114	1,114,378	1,023,593	1,074,445	1,233,813	1,328,198	1,277,890
Transportation equip. exc. motor vehicles	455,899	506,420	412,180	422,121	447,211	503,654	1,100,918	1,102,179	1,131,009	1,194,210	1,284,753	1,385,275
Motor vehicles and equipment	42,221	44,670	55,598	63,241	72,784	83,119	673,776	676,005	855,831	1,286,116	1,438,921	1,488,922
Stone, clay, and glass products	114,657	103,551	110,419	120,558	114,656	122,665	281,517	247,626	264,928	288,849	292,902	308,598
Instruments and related products	22,345	20,721	21,398	23,476	22,776	22,112	113,221	253,455	280,716	301,106	311,665	316,333
Miscellaneous manufacturing industries	53,296	51,199	53,195	55,475	63,274	71,579	119,446	118,399	117,830	129,794	133,202	138,851
Transportation and public utilities	952,686	1,001,372	1,033,983	1,105,874	1,139,566	1,175,002	3,776,695	3,978,888	4,215,366	4,492,823	4,677,357	4,824,136
Railroad transportation	131,734	120,754	108,719	111,110	96,792	87,876	444,852	462,334	491,857	497,597	442,359	415,189
Trucking and warehousing	276,621	285,219	307,168	359,668	368,718	389,362	1,098,549	1,097,478	1,094,141	1,250,042	1,259,608	1,317,730
Water transportation	57,012	44,762	42,935	46,674	46,921	49,243	83,124	66,099	78,411	94,841	82,300	87,098
Other transportation[8]	41,470	45,675	48,824	50,462	67,444	71,998	714,255	753,242	849,108	859,720	976,705	943,987
Communication	256,381	276,038	277,223	263,856	269,093	263,298	882,670	992,230	1,052,272	1,080,029	1,152,856	1,246,451
Electric, gas, and sanitary services	189,468	228,924	249,114	274,104	290,598	313,225	553,245	607,505	649,577	710,594	763,529	813,681
Wholesale trade	766,775	764,764	781,456	843,619	868,495	880,628	3,096,193	3,167,137	3,015,261	3,312,118	3,526,040	3,576,236
Retail trade	1,413,966	1,444,183	1,589,984	1,714,569	1,794,931	1,886,133	3,735,906	3,875,527	4,231,481	4,557,251	4,887,791	5,199,588
Finance, insurance, and real estate	571,959	584,961	650,905	692,820	751,036	849,718	2,006,444	2,046,968	2,384,777	2,572,539	2,835,398	3,322,522
Banking and credit agencies	260,713	283,203	304,288	328,146	355,404	388,929	734,571	816,042	889,263	966,299	1,038,195	1,149,502
Other finance, insurance, and real estate[9]	311,246	301,758	346,617	364,674	395,632	460,789	1,271,873	1,230,926	1,495,514	1,606,240	1,797,203	2,173,020
Services	2,125,137	2,209,573	2,363,709	2,579,498	2,841,623	3,059,367	7,091,196	7,789,370	8,632,336	9,598,503	10,570,056	11,434,808
Hotels and other lodging places	69,520	70,874	74,890	75,250	77,282	77,185	237,348	227,667	258,587	270,209	271,944	290,807
Personal services	112,150	119,303	122,076	124,700	146,575	155,741	381,417	392,282	427,106	457,009	546,752	586,210
Private households	99,303	106,709	111,077	123,571	124,256	127,640	107,916	115,235	119,881	133,692	134,462	138,442
Business services	197,876	215,697	230,770	244,215	294,676	336,997	1,196,318	1,448,064	1,683,381	1,958,674	2,282,212	2,515,019
Auto repair, services, and garages	110,729	104,059	122,368	140,494	151,911	159,786	342,129	341,321	395,011	468,673	499,978	540,606
Miscellaneous repair services	53,351	58,583	64,288	67,515	63,399	67,149	126,379	120,593	153,683	182,286	153,149	164,377
Amusement and recreation services	24,374	25,525	27,929	31,599	35,030	36,398	169,097	186,482	209,823	231,436	263,804	271,334
Motion pictures	4,359	(D)	(D)	3,936	5,457	4,050	31,960	39,413	42,695	73,700	93,386	100,256
Health services	681,112	767,578	823,641	889,864	953,095	1,027,208	2,448,851	2,841,423	3,079,204	3,259,686	3,518,553	3,779,477
Legal services	136,008	152,184	167,431	196,306	215,558	242,359	405,132	475,625	552,231	657,314	745,166	820,648
Educational services	62,444	64,986	66,231	72,279	78,621	85,981	385,600	406,351	438,524	487,026	522,379	568,934
Social services	68,169	66,960	69,773	74,783	80,224	82,797	196,244	183,002	209,756	232,093	247,998	268,908
Museums, botanical, zoological gardens	(L)	(D)	(D)	(L)	62	77	4,409	4,557	5,117	6,146	7,740	8,551
Membership organizations	108,946	120,351	120,526	122,623	121,430	117,343	339,900	355,186	374,125	391,328	404,306	416,993
Miscellaneous services	396,783	332,518	358,002	412,333	494,047	538,656	718,496	652,169	683,212	789,231	878,227	964,246
Government and government enterprises	2,701,492	2,830,386	2,971,921	3,162,738	3,381,888	3,548,281	5,239,435	5,525,586	5,972,981	6,372,845	6,825,187	7,126,988
Federal, civilian	606,657	588,911	615,384	649,384	693,951	691,162	1,466,849	1,557,405	1,687,708	1,783,027	1,893,552	1,871,850
Military	387,255	430,734	440,465	470,552	498,285	535,706	318,902	368,529	422,136	442,067	461,481	488,132
State and local	1,707,580	1,810,741	1,916,072	2,042,802	2,189,652	2,321,413	3,453,684	3,599,652	3,863,137	4,147,751	4,470,154	4,767,006

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Montana						Nebraska					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**7,858,105**	**8,118,020**	**8,503,906**	**8,922,334**	**9,113,826**	**9,680,542**	**16,861,587**	**17,576,479**	**17,986,631**	**19,778,194**	**20,912,873**	**21,930,092**
Nonfarm personal income	7,510,803	7,931,100	8,387,264	8,851,840	9,098,101	9,261,209	15,580,783	16,464,580	17,345,905	18,459,156	19,219,895	20,003,687
Farm income[1]	347,302	186,920	116,642	70,494	15,725	419,333	1,280,804	1,111,899	640,726	1,319,038	1,692,978	1,926,405
Population (thousands)[2]	795.8	805.0	815.8	823.5	825.5	818.9	1,582.9	1,590.0	1,596.7	1,605.2	1,604.9	1,597.7
Per capita personal income (dollars)	**9,875**	**10,084**	**10,424**	**10,835**	**11,041**	**11,821**	**10,652**	**11,055**	**11,265**	**12,321**	**13,031**	**13,726**
Derivation of total personal income:												
Total earnings by place of work	5,506,652	5,479,752	5,692,172	5,932,899	5,985,119	6,417,742	12,424,347	12,653,478	12,674,728	14,342,765	15,405,814	16,161,893
Less: Personal contributions for social insurance[3]	324,783	349,063	365,916	392,814	418,837	425,481	713,225	790,274	786,398	865,504	964,373	1,015,700
Plus: Adjustment for residence	11,874	17,089	17,897	12,948	13,254	10,796	−204,912	−201,883	−218,293	−254,867	−292,579	−279,417
Equals: Net earnings by place of residence	5,193,743	5,147,778	5,344,153	5,553,033	5,579,536	6,003,057	11,506,210	11,661,321	11,670,037	13,222,394	14,148,862	14,866,776
Plus: Dividends, interest, and rent[5]	1,459,985	1,622,583	1,691,738	1,825,849	1,883,805	1,929,307	3,196,936	3,536,018	3,749,152	3,911,716	3,910,041	4,053,550
Plus: Transfer payments	1,204,377	1,347,659	1,468,015	1,543,452	1,650,485	1,748,178	2,158,441	2,379,140	2,567,442	2,644,084	2,853,970	3,009,766
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,220,470	4,340,394	4,521,138	4,714,358	4,772,656	4,747,607	9,113,512	9,502,842	9,846,310	10,618,596	11,150,767	11,500,047
Other labor income	364,330	405,232	430,296	436,257	437,209	434,467	815,304	901,436	946,044	987,409	1,012,003	1,038,801
Proprietors' income[6]	921,852	734,126	740,738	782,284	775,254	1,235,668	2,495,531	2,249,200	1,882,374	2,736,760	3,243,044	3,623,045
Farm	226,657	63,632	−3,871	−49,676	−106,303	296,032	1,090,936	906,187	441,389	1,121,784	1,493,191	1,725,677
Nonfarm	695,195	670,494	744,609	831,960	881,557	939,636	1,404,595	1,343,013	1,440,985	1,614,976	1,749,853	1,897,368
Earnings by industry:												
Farm	347,302	186,920	116,642	70,494	15,725	419,333	1,280,804	1,111,899	640,726	1,319,038	1,692,978	1,926,405
Nonfarm	5,159,350	5,292,832	5,575,530	5,862,405	5,969,394	5,998,409	11,143,543	11,541,579	12,034,002	13,023,727	13,712,836	14,235,488
Private	4,117,615	4,172,983	4,374,859	4,601,153	4,642,123	4,654,371	9,068,377	9,291,370	9,664,654	10,499,256	11,030,762	11,449,266
Agricultural services, forestry, fisheries, and other[7]	34,180	29,186	54,285	49,602	38,790	44,147	86,909	91,108	105,021	100,226	89,622	98,265
Agricultural services	(D)	28,605	32,920	32,512	28,376	30,438	85,748	90,925	102,725	98,707	87,397	95,704
Forestry, fisheries, and other[7]	(D)	581	21,365	17,090	10,414	13,709	1,161	183	2,296	1,519	2,225	2,561
Mining	326,826	289,520	242,132	246,940	234,538	210,012	71,450	66,934	60,808	68,190	79,451	70,794
Coal mining	53,022	53,079	54,900	58,925	63,609	60,537	2,205	1,816	2,357	3,084	3,371	3,454
Oil and gas extraction	186,465	154,988	110,206	122,379	109,590	82,300	54,622	49,710	41,584	43,632	53,012	47,378
Metal mining	68,498	61,072	53,906	38,477	31,341	40,217	(L)	−80	(L)	−125	253	913
Nonmetallic minerals, except fuels	18,841	20,381	23,120	27,159	29,998	26,958	14,636	15,488	16,879	21,599	22,815	19,049
Construction	423,862	452,517	461,556	442,556	435,603	422,071	725,450	714,542	731,297	846,693	896,236	911,256
Manufacturing	521,907	469,699	525,544	559,346	550,813	546,089	1,880,150	1,816,751	1,840,699	2,042,917	2,083,251	2,116,169
Nondurable goods	192,572	197,682	205,812	203,504	203,258	209,544	915,106	906,214	907,185	959,336	1,015,881	1,058,428
Food and kindred products	71,467	70,419	71,396	65,411	58,756	62,502	575,377	565,144	540,590	558,949	588,463	599,032
Textile mill products	(D)	(L)	263	51	122	(D)	2,300	2,329	2,932	2,666	2,708	1,978
Apparel and other textile products	3,032	4,892	6,027	7,071	8,390	9,387	21,220	19,094	20,088	20,368	21,426	24,536
Paper and allied products	26,965	25,780	30,491	32,570	32,526	34,344	28,742	30,191	29,889	34,707	37,858	42,693
Printing and publishing	32,766	35,047	36,657	38,029	39,383	40,565	127,454	132,110	142,663	145,908	162,829	177,338
Chemicals and allied products	13,030	14,476	13,657	16,803	18,069	18,731	61,460	64,246	68,100	73,210	74,959	77,385
Petroleum and coal products	42,865	45,116	45,200	40,859	43,511	40,949	6,378	5,864	5,651	6,911	7,058	3,795
Tobacco manufactures	(L)	(L)	(L)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	1,611	1,546	1,581	2,069	1,897	2,112	88,040	83,153	93,088	112,982	116,166	124,960
Leather and leather products	(D)	396	535	(D)	(D)	(D)	4,122	4,081	4,178	3,627	4,410	6,707
Durable goods	329,335	272,017	319,732	355,842	347,555	336,545	965,044	910,537	933,514	1,083,581	1,067,370	1,057,741
Lumber and wood products	197,097	162,881	217,311	224,184	219,283	219,119	36,268	31,229	35,444	33,110	32,543	31,671
Furniture and fixtures	1,804	(D)	(D)	3,490	4,044	4,148	29,034	29,841	31,881	36,985	37,980	40,345
Primary metal industries	66,788	46,044	39,052	54,266	50,107	42,776	52,172	39,909	39,524	51,252	51,204	48,721
Fabricated metal products	13,683	12,671	11,837	14,180	13,331	12,739	143,927	138,226	138,500	159,113	161,997	157,873
Machinery, except electrical	9,724	8,020	6,630	9,481	11,070	11,332	279,713	253,727	257,914	301,382	282,047	285,170
Electric and electronic equipment	4,935	(D)	(D)	7,363	7,901	3,810	185,548	179,046	183,472	232,570	227,600	224,125
Transportation equip. exc. motor vehicles	1,018	662	889	1,043	1,361	1,252	49,151	47,336	47,528	50,819	52,509	44,481
Motor vehicles and equipment	3,213	3,041	2,433	2,912	3,007	2,735	51,153	51,071	54,181	63,438	62,080	64,869
Stone, clay, and glass products	23,428	24,179	25,776	28,663	26,652	26,775	51,339	50,571	52,891	55,499	57,847	59,103
Instruments and related products	1,764	2,067	2,810	2,692	1,804	2,217	64,231	67,520	70,475	82,174	84,941	86,256
Miscellaneous manufacturing industries	5,881	6,155	6,555	7,568	8,995	9,642	22,508	22,061	21,704	17,239	16,622	15,127
Transportation and public utilities	614,882	652,488	649,110	706,323	695,133	689,018	1,329,350	1,390,651	1,425,159	1,536,790	1,558,567	1,560,910
Railroad transportation	173,023	162,579	156,451	170,729	163,475	152,203	463,342	465,446	478,860	530,630	527,169	495,412
Trucking and warehousing	163,399	176,889	176,128	216,253	209,698	211,706	378,751	394,756	391,376	437,687	436,501	468,715
Water transportation	216	208	175	242	239	191	747	681	789	824	699	658
Other transportation[8]	42,980	45,013	46,005	47,940	48,167	50,956	65,797	69,140	68,998	72,867	74,309	80,328
Communication	124,405	135,096	127,175	119,521	121,320	112,831	309,320	335,659	357,887	357,114	365,666	366,147
Electric, gas, and sanitary services	110,859	132,703	143,176	151,638	152,234	161,131	111,393	124,969	127,249	137,668	154,223	149,650
Wholesale trade	359,220	356,209	357,584	375,438	366,980	345,036	982,179	1,000,961	993,404	1,047,054	1,070,712	1,073,522
Retail trade	643,880	668,730	720,316	744,399	748,504	741,699	1,252,475	1,268,052	1,319,648	1,374,121	1,454,376	1,503,529
Finance, insurance, and real estate	224,838	228,310	256,960	265,610	274,455	296,462	755,975	791,895	871,198	930,291	1,015,217	1,125,635
Banking and credit agencies	109,058	118,467	127,347	132,924	136,868	139,927	261,281	286,922	306,530	324,828	338,393	354,341
Other finance, insurance, and real estate[9]	115,780	109,843	129,613	132,686	137,587	156,535	494,694	504,973	564,668	605,463	676,824	771,294
Services	968,020	1,026,324	1,107,372	1,210,939	1,297,307	1,359,837	1,984,439	2,150,476	2,317,420	2,552,974	2,783,330	2,989,186
Hotels and other lodging places	55,626	51,877	58,660	58,568	57,421	60,025	50,767	53,658	56,575	60,936	61,318	63,757
Personal services	48,950	53,230	55,644	58,853	72,635	75,050	116,938	128,704	137,801	144,801	178,836	188,647
Private households	10,963	11,820	12,409	13,842	13,863	14,070	31,016	33,187	34,519	38,349	38,333	39,060
Business services	100,281	108,840	112,158	132,316	157,401	169,262	248,893	281,528	325,534	403,890	486,660	555,913
Auto repair, services, and garages	58,536	57,394	64,376	74,149	76,660	77,664	122,196	113,203	133,664	156,753	166,139	174,117
Miscellaneous repair services	26,536	27,305	32,358	37,133	30,888	30,204	51,308	54,373	66,746	76,253	65,137	71,630
Amusement and recreation services	13,705	15,065	17,836	21,156	23,870	(D)	34,893	35,767	38,498	43,268	46,606	49,477
Motion pictures	2,996	3,504	3,750	4,858	5,609	(D)	5,136	5,985	6,281	7,524	8,338	8,527
Health services	350,742	406,853	442,805	463,268	494,159	519,024	718,413	845,853	891,632	916,191	968,595	1,028,524
Legal services	57,608	63,494	69,528	85,167	94,701	104,742	133,917	148,417	162,558	194,072	215,913	238,583
Educational services	25,720	25,105	25,953	29,826	31,503	32,831	86,271	90,786	99,992	109,139	114,166	120,034
Social services	39,719	35,892	38,823	41,139	42,712	44,986	64,420	67,353	70,905	79,288	82,121	87,985
Museums, botanical, zoological gardens	446	536	751	659	750	(D)	2,075	2,054	2,208	2,505	3,266	3,641
Membership organizations	63,726	64,991	70,125	75,963	76,665	75,547	97,461	102,570	107,054	114,327	117,393	117,765
Miscellaneous services	112,466	100,418	102,196	114,042	118,470	123,796	220,735	187,038	183,453	205,678	230,509	241,526
Government and government enterprises	1,041,735	1,119,849	1,200,671	1,261,252	1,327,271	1,344,038	2,075,166	2,250,209	2,369,348	2,524,471	2,682,074	2,786,222
Federal, civilian	278,076	281,665	297,932	312,231	328,071	321,440	344,099	359,858	386,615	405,914	427,058	434,396
Military	82,011	87,791	92,942	94,635	97,564	103,875	259,473	291,479	306,502	331,031	353,316	374,609
State and local	681,648	750,393	809,797	854,386	901,636	918,723	1,471,594	1,598,872	1,676,231	1,787,526	1,901,700	1,977,217

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Nevada						New Hampshire					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**10,458,372**	**10,956,163**	**11,599,694**	**12,678,389**	**13,767,574**	**14,878,147**	**10,212,917**	**10,989,941**	**12,259,897**	**13,751,680**	**15,325,552**	**16,767,640**
Nonfarm personal income	10,408,544	10,915,458	11,570,634	12,634,354	13,737,166	14,837,738	10,181,099	10,955,537	12,228,206	13,716,743	15,286,485	16,725,362
Farm income[1]	49,828	40,705	29,060	44,035	30,408	40,409	31,818	34,404	31,691	34,937	39,067	42,278
Population (thousands)[2]	845.8	878.1	896.9	916.6	936.5	963.3	937.1	948.1	958.9	978.2	998.9	1,026.9
Per capita personal income (dollars)	**12,366**	**12,477**	**12,934**	**13,832**	**14,701**	**15,445**	**10,898**	**11,591**	**12,786**	**14,057**	**15,342**	**16,328**
Derivation of total personal income:												
Total earnings by place of work	8,123,382	8,365,877	8,834,856	9,601,359	10,376,441	11,228,627	6,684,213	7,210,634	8,103,016	9,086,004	10,189,888	11,446,812
Less: Personal contributions for social insurance[3]	330,322	358,028	451,456	422,478	476,123	519,559	375,336	412,084	451,787	510,441	598,916	676,906
Plus: Adjustment for residence	−200,269	−198,451	−199,292	−233,265	−247,224	−263,604	894,593	892,912	1,061,016	1,285,200	1,533,203	1,458,668
Equals: Net earnings by place of residence	7,592,791	7,809,398	8,184,108	8,945,616	9,653,094	10,445,464	7,203,470	7,691,462	8,712,245	9,860,763	11,124,175	12,228,574
Plus: Dividends, interest, and rent[4]	1,564,035	1,695,235	1,828,916	2,048,728	2,277,273	2,457,337	1,689,936	1,847,521	1,996,458	2,281,705	2,486,947	2,732,988
Plus: Transfer payments	1,301,546	1,451,530	1,586,670	1,684,045	1,837,207	1,975,346	1,319,511	1,450,958	1,551,194	1,609,212	1,714,430	1,806,078
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,084,442	7,322,885	7,678,277	8,313,065	8,987,770	9,681,819	5,418,698	5,892,325	6,516,314	7,288,948	8,168,194	9,157,933
Other labor income	490,639	537,343	572,279	601,100	633,326	685,957	578,927	648,895	722,270	778,637	849,174	930,525
Proprietors' income[5]	548,301	505,649	584,300	687,194	755,345	860,851	686,588	669,414	864,432	1,018,419	1,172,520	1,358,354
Farm	27,732	18,600	7,747	23,048	9,107	18,930	17,684	19,116	16,970	20,539	24,562	27,765
Nonfarm	520,569	487,049	576,553	664,146	746,238	841,921	668,904	650,298	847,462	997,880	1,147,958	1,330,589
Earnings by industry:												
Farm	49,828	40,705	29,060	44,035	30,408	40,409	31,818	34,404	31,691	34,937	39,067	42,278
Nonfarm	8,073,554	8,325,172	8,805,796	9,557,324	10,346,033	11,188,218	6,652,395	7,176,230	8,071,325	9,051,067	10,150,821	11,404,534
Private	6,844,425	6,959,968	7,352,960	8,051,261	8,735,610	9,498,817	5,793,695	6,263,294	7,083,238	7,987,978	8,993,472	10,143,276
Agricultural services, forestry, fisheries, and other[7]	30,202	28,830	38,886	37,761	40,963	45,694	23,391	21,300	36,664	35,275	39,842	51,299
Agricultural services	24,960	24,195	28,757	31,194	32,255	36,818	18,151	19,878	24,150	25,488	29,608	38,777
Forestry, fisheries, and other[7]	5,242	4,635	10,129	6,567	8,708	8,876	5,240	1,422	12,514	9,787	10,234	12,522
Mining	230,390	210,152	199,058	228,212	233,997	229,005	33,649	30,854	27,328	31,190	43,732	48,436
Coal mining	0	0	0	(D)	428	307	0	0	0	0	0	0
Oil and gas extraction	36,291	31,095	22,878	(D)	35,714	31,272	26,516	23,678	19,076	21,766	32,851	34,592
Metal mining	139,191	127,300	131,005	155,591	154,287	186,354	54	(L)	(L)	(L)	(L)	79
Nonmetallic minerals, except fuels	54,908	51,757	45,175	46,400	43,568	11,072	7,079	7,190	8,255	9,435	10,857	13,765
Construction	830,001	704,643	698,416	754,497	815,717	944,627	527,114	674,802	801,604	830,196	1,018,328	1,212,723
Manufacturing	418,450	416,501	435,972	497,890	530,479	554,129	2,152,407	2,241,906	2,444,714	2,808,391	3,005,260	3,146,246
Nondurable goods	122,930	129,851	138,056	150,523	163,454	179,309	685,669	694,159	757,280	809,729	823,470	837,522
Food and kindred products	29,620	32,142	35,102	35,339	36,628	38,115	57,046	58,773	66,724	71,401	74,982	77,602
Textile mill products	1,191	1,081	1,294	1,497	1,804	1,790	60,976	57,033	66,319	73,643	70,393	73,970
Apparel and other textile products	2,043	2,120	2,339	3,654	4,835	4,495	31,168	32,168	34,841	34,852	33,946	32,698
Paper and allied products	1,344	1,078	2,758	3,441	2,795	2,637	132,376	135,649	141,803	158,777	163,376	166,262
Printing and publishing	51,232	53,083	56,046	61,611	69,397	77,283	107,653	114,977	125,733	132,236	148,791	164,092
Chemicals and allied products	21,400	22,782	21,682	21,718	21,861	24,286	20,010	21,127	21,961	26,213	29,279	32,174
Petroleum and coal products	2,027	2,597	1,577	1,642	2,215	1,978	742	632	638	806	(D)	1,771
Tobacco manufactures	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(L)
Rubber and misc. plastic products	13,730	14,874	17,190	21,610	23,926	28,731	159,251	153,866	175,175	204,613	216,294	211,947
Leather and leather products	331	93	62	(D)	(D)	(D)	116,423	119,930	124,073	107,171	84,827	76,998
Durable goods	295,520	286,650	297,916	347,367	367,025	374,820	1,466,738	1,547,747	1,687,434	1,998,662	2,181,790	2,308,724
Lumber and wood products	13,704	11,029	17,658	18,657	18,550	21,561	83,200	74,534	84,507	100,073	111,992	130,119
Furniture and fixtures	5,041	4,018	4,509	5,455	6,072	7,936	23,012	(D)	(D)	(D)	(D)	30,853
Primary metal industries	56,112	47,392	36,484	39,874	39,819	36,109	88,745	88,508	96,587	116,652	122,844	122,312
Fabricated metal products	33,133	30,268	29,072	27,522	29,857	32,005	141,140	143,143	146,965	159,203	164,593	163,131
Machinery, except electrical	35,341	33,376	42,219	58,158	68,585	67,146	548,137	578,850	582,791	680,514	776,712	845,091
Electric and electronic equipment	46,068	52,038	56,853	66,244	68,376	64,287	348,993	397,740	490,054	609,853	639,063	641,554
Transportation equip. exc. motor vehicles	13,817	16,519	16,235	14,064	6,522	4,134	15,697	16,519	20,026	23,365	33,097	39,764
Motor vehicles and equipment	1,968	2,157	2,006	15,670	17,401	19,688	1,061	(D)	(D)	(D)	(D)	1,535
Stone, clay, and glass products	39,678	33,666	35,050	40,662	43,092	47,078	51,160	49,149	53,949	65,197	74,521	83,116
Instruments and related products	12,925	14,494	15,314	18,155	18,482	20,695	132,703	146,942	154,385	172,307	181,823	203,189
Miscellaneous manufacturing industries	37,733	41,693	42,516	42,906	50,269	54,181	32,890	30,482	34,462	45,164	46,651	48,060
Transportation and public utilities	626,500	669,324	714,215	736,837	754,349	814,627	358,046	391,651	426,942	462,190	484,477	529,182
Railroad transportation	47,137	50,023	53,817	55,297	52,207	49,269	8,366	9,549	12,356	15,511	(D)	(D)
Trucking and warehousing	96,330	98,324	106,731	117,424	117,340	123,489	101,882	103,815	109,911	128,983	133,409	152,332
Water transportation	1,262	1,307	1,080	1,220	2,642	3,445	(D)	(D)	(D)	(D)	4,161	5,089
Other transportation[8]	169,712	179,063	198,626	201,396	209,926	243,390	(D)	(D)	(D)	(D)	(D)	(D)
Communication	189,776	198,755	195,060	184,701	180,590	186,222	141,146	151,522	159,065	161,334	160,857	159,283
Electric, gas, and sanitary services	122,283	141,852	158,901	176,799	191,644	208,812	81,130	97,318	110,511	116,514	128,461	149,174
Wholesale trade	294,709	303,039	310,155	347,287	391,300	422,332	370,163	377,025	417,179	484,960	560,132	628,949
Retail trade	897,765	897,898	941,260	1,024,036	1,109,101	1,186,681	751,192	802,454	922,871	1,038,074	1,174,265	1,378,516
Finance, insurance, and real estate	348,385	337,287	387,175	428,540	477,665	551,147	324,932	330,222	390,401	443,070	516,225	659,946
Banking and credit agencies	130,484	140,288	155,137	168,996	188,348	220,048	106,227	117,919	133,248	152,416	173,222	211,465
Other finance, insurance, and real estate[9]	217,901	196,999	232,038	259,544	289,317	331,099	218,705	212,303	257,153	290,654	343,003	448,481
Services	3,168,023	3,392,294	3,627,823	3,996,201	4,382,039	4,750,575	1,252,801	1,393,080	1,615,535	1,854,632	2,151,211	2,487,979
Hotels and other lodging places	1,025,378	1,044,154	1,137,913	1,408,577	1,758,236	1,875,299	65,745	62,518	79,313	84,121	88,736	101,632
Personal services	94,307	99,285	107,010	110,272	129,701	135,439	61,681	67,321	84,955	94,663	119,288	136,806
Private households	19,449	21,594	22,926	25,995	26,568	28,020	20,512	22,154	23,212	26,210	26,754	28,149
Business services	396,275	453,931	503,299	590,083	649,198	711,318	187,379	227,743	285,672	353,988	445,947	539,694
Auto repair, services, and garages	79,011	77,212	86,239	98,214	104,266	115,797	70,838	68,820	85,104	99,960	116,952	135,331
Miscellaneous repair services	29,147	29,447	36,158	44,170	40,247	43,267	17,249	20,367	26,474	32,374	31,202	35,756
Amusement and recreation services	770,964	815,111	817,885	717,542	558,574	562,177	35,888	38,943	38,687	46,992	53,020	60,077
Motion pictures	8,060	5,793	4,564	6,796	8,454	9,305	2,260	2,875	3,176	3,881	4,863	5,114
Health services	378,278	446,627	472,223	505,622	569,146	683,196	415,040	469,575	522,155	572,976	639,555	722,995
Legal services	79,643	96,952	109,688	127,132	143,937	161,559	71,193	77,893	90,624	108,798	126,800	153,676
Educational services	10,282	10,872	12,019	14,430	16,979	19,343	119,808	131,839	141,511	154,796	166,162	180,200
Social services	24,916	28,208	29,834	28,930	31,346	33,327	39,203	41,801	50,007	61,276	72,145	84,892
Museums, botanical, zoological gardens	185	192	168	158	176	231	1,067	1,214	1,358	1,660	1,755	2,126
Membership organizations	66,642	72,097	79,303	88,403	95,055	99,779	41,875	47,766	52,406	59,371	61,932	64,778
Miscellaneous services	185,486	190,819	208,594	229,877	250,156	272,518	103,063	112,251	130,881	153,566	196,100	236,753
Government and government enterprises	1,229,129	1,365,204	1,452,836	1,506,063	1,610,423	1,689,401	858,700	912,936	988,087	1,063,089	1,157,349	1,261,258
Federal, civilian	214,414	229,421	248,884	271,741	287,408	295,880	160,851	168,033	177,368	188,245	200,781	206,395
Military	170,428	198,362	224,862	217,307	214,769	216,680	75,515	83,602	90,430	97,528	103,689	111,421
State and local	844,287	937,421	979,090	1,017,015	1,108,246	1,176,841	622,334	661,301	720,289	777,316	852,879	943,442

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	New Jersey						New Mexico					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**95,954,101**	**103,772,503**	**112,509,691**	**123,602,112**	**133,486,664**	**143,849,338**	**12,047,859**	**13,011,846**	**13,795,513**	**14,978,694**	**16,266,413**	**16,908,098**
Nonfarm personal income	95,767,225	103,557,248	112,271,648	123,353,535	133,201,643	143,558,179	11,862,552	12,856,074	13,644,860	14,807,044	16,024,601	16,668,045
Farm income[1]	186,876	215,255	238,043	248,577	285,021	291,159	185,307	155,772	150,653	171,650	241,812	240,053
Population (thousands)[2]	7,405.9	7,427.6	7,463.9	7,511.3	7,561.0	7,619.7	1,335.7	1,369.2	1,402.5	1,427.2	1,451.3	1,479.5
Per capita personal income (dollars)	**12,956**	**13,971**	**15,074**	**16,455**	**17,655**	**18,879**	**9,020**	**9,503**	**9,837**	**10,495**	**11,208**	**11,428**
Derivation of total personal income:												
Total earnings by place of work	62,770,545	67,031,537	73,074,018	80,834,163	87,644,749	95,413,567	8,976,008	9,525,050	10,068,861	10,937,665	11,784,322	12,156,099
Less: Personal contributions for social insurance[3]	3,776,975	4,085,908	4,449,036	4,967,495	5,620,798	6,172,754	520,544	570,016	645,015	653,370	720,881	749,155
Plus: Adjustment for residence	8,034,290	9,081,414	9,770,313	10,396,926	11,600,325	12,451,577	−3,948	−555	880	3,318	17,425	23,620
Equals: Net earnings by place of residence	67,027,860	72,027,043	78,395,295	86,263,594	93,624,276	101,692,390	8,451,516	8,954,479	9,424,726	10,287,613	11,080,866	11,430,564
Plus: Dividends, interest, and rent[5]	16,750,969	18,329,311	19,696,450	22,481,111	23,922,116	25,538,721	1,727,106	1,992,709	2,118,089	2,341,417	2,626,052	2,751,744
Plus: Transfer payments	12,175,272	13,416,149	14,417,946	14,857,407	15,940,272	16,618,227	1,869,237	2,064,658	2,252,698	2,349,664	2,559,495	2,725,790
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	52,335,158	56,015,964	60,689,852	67,321,315	72,884,188	79,153,724	7,440,441	7,948,587	8,363,429	9,049,223	9,683,488	9,949,705
Other labor income	5,487,164	6,068,561	6,530,052	6,843,096	7,181,606	7,637,291	679,233	760,488	802,164	850,392	899,370	917,328
Proprietors' income[6]	4,948,223	4,947,012	5,854,114	6,669,752	7,578,955	8,622,552	856,334	815,975	903,268	1,038,050	1,201,464	1,289,066
Farm	117,948	141,919	167,851	180,314	216,496	222,363	120,648	89,108	86,345	108,312	177,834	175,676
Nonfarm	4,830,275	4,805,093	5,686,263	6,489,438	7,362,459	8,400,189	735,686	726,867	816,923	929,738	1,023,630	1,113,390
Earnings by industry:												
Farm	186,876	215,255	238,043	248,577	285,021	291,159	185,307	155,772	150,653	171,650	241,812	240,053
Nonfarm	62,583,669	66,816,282	72,835,975	80,585,586	87,359,728	95,122,408	8,790,701	9,369,278	9,918,208	10,766,015	11,542,510	11,916,046
Private	53,551,073	56,968,257	62,348,647	69,288,670	75,328,390	82,233,976	6,471,420	6,847,586	7,182,719	7,863,738	8,435,626	8,682,378
Agricultural services, forestry, fisheries, and other[7]	189,295	208,280	249,556	266,446	304,518	351,894	35,549	36,189	43,842	45,714	45,236	48,674
Agricultural services	175,672	197,184	230,047	252,683	274,235	317,617	33,737	35,343	40,473	42,329	42,494	45,689
Forestry, fisheries, and other[7]	13,623	11,096	19,509	13,763	30,283	34,277	1,812	846	3,369	3,385	2,742	2,985
Mining	305,371	263,059	220,185	246,198	342,158	358,782	905,816	812,107	658,781	696,513	711,694	576,147
Coal mining	(D)	(D)	(D)	847	(D)	(D)	83,676	94,489	85,601	(D)	(D)	(D)
Oil and gas extraction	251,658	209,478	167,092	186,112	278,017	286,752	450,788	443,469	371,064	(D)	416,576	(D)
Metal mining	(D)	(D)	(D)	3,504	(D)	(D)	284,259	190,491	130,796	130,973	116,616	85,259
Nonmetallic minerals, except fuels	46,842	48,264	48,570	55,735	59,643	66,282	87,093	83,658	71,320	75,422	(D)	51,417
Construction	3,179,679	3,447,436	3,835,455	4,733,289	5,305,889	5,972,275	748,943	800,183	834,804	924,817	948,954	944,417
Manufacturing	17,520,351	17,844,148	18,752,048	19,991,413	20,675,343	21,296,376	598,499	642,984	703,366	779,939	851,038	890,207
Nondurable goods	8,813,243	9,274,097	9,819,408	10,454,626	10,967,676	11,345,884	205,687	212,928	227,046	238,845	252,310	257,946
Food and kindred products	1,150,108	1,202,179	1,324,099	1,386,454	1,481,518	1,605,682	58,685	60,191	67,087	70,159	72,996	76,334
Textile mill products	339,662	317,891	329,157	325,444	337,840	355,230	13,271	(D)	(D)	15,540	16,100	18,025
Apparel and other textile products	700,036	679,129	712,938	728,412	716,559	732,325	25,489	(D)	(D)	19,567	19,230	20,106
Paper and allied products	733,156	746,412	843,121	893,263	900,006	874,586	1,573	1,630	2,403	2,819	2,452	2,418
Printing and publishing	1,078,029	1,190,575	1,262,202	1,450,967	1,643,697	1,728,930	47,875	52,278	57,771	62,036	68,250	70,733
Chemicals and allied products	3,540,677	3,821,040	3,927,640	4,180,825	4,400,598	4,561,589	12,773	14,530	16,733	21,703	19,396	17,446
Petroleum and coal products	510,055	527,974	555,580	536,896	532,681	534,595	38,325	42,469	41,534	40,002	46,215	43,246
Tobacco manufactures	5,772	5,827	5,421	13,247	11,839	10,612	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	666,322	698,092	779,739	861,208	864,386	869,597	2,611	2,199	2,386	2,204	3,361	4,747
Leather and leather products	89,426	84,978	79,511	77,910	78,552	72,738	5,072	4,723	4,813	4,806	4,305	4,887
Durable goods	8,707,108	8,570,051	8,932,640	9,536,787	9,707,667	9,950,492	392,812	430,056	476,320	541,094	598,728	632,261
Lumber and wood products	(D)	99,272	113,406	134,295	154,187	171,373	40,179	36,241	42,968	47,980	49,587	53,239
Furniture and fixtures	(D)	170,744	190,893	242,142	260,809	276,877	3,123	4,124	5,307	6,121	7,101	7,175
Primary metal industries	655,690	597,705	613,365	663,596	650,487	665,458	36,048	33,843	37,908	43,474	38,511	41,906
Fabricated metal products	1,323,266	1,277,473	1,294,823	1,343,802	1,396,976	1,431,511	28,656	23,454	21,138	23,760	28,272	25,020
Machinery, except electrical	1,818,329	1,753,882	1,722,647	1,713,630	1,802,502	1,817,556	58,467	64,409	61,408	65,826	67,630	64,397
Electric and electronic equipment	2,109,296	2,228,440	2,446,473	2,723,834	2,707,786	2,794,388	60,724	85,058	109,572	151,020	173,760	120,154
Transportation equip. exc. motor vehicles	144,361	142,873	130,114	149,598	161,819	157,447	65,952	74,398	79,279	74,920	92,993	107,179
Motor vehicles and equipment	367,485	285,515	321,580	392,468	355,479	298,028	19,207	22,481	25,295	26,460	33,437	29,373
Stone, clay, and glass products	687,137	651,776	648,576	677,998	686,755	723,569	44,139	45,398	48,284	56,374	60,913	60,259
Instruments and related products	908,937	938,478	990,680	987,775	1,042,976	1,110,861	17,023	22,298	25,327	25,480	28,856	102,108
Miscellaneous manufacturing industries	432,050	423,893	460,083	507,649	487,891	503,424	19,294	18,352	19,834	19,679	17,668	21,451
Transportation and public utilities	5,440,953	5,903,739	6,195,525	6,985,602	7,453,878	8,017,916	761,674	832,681	866,587	927,947	960,930	963,371
Railroad transportation	210,011	147,347	93,940	95,158	86,141	84,589	91,105	87,917	88,456	104,627	109,025	103,566
Trucking and warehousing	1,487,974	1,533,373	1,617,426	1,839,911	1,940,536	2,065,793	171,450	176,569	171,905	197,545	200,769	198,126
Water transportation	483,758	483,958	501,687	602,875	619,784	636,367	0	(L)	(L)	(L)	204	247
Other transportation[8]	698,324	793,886	905,235	1,045,017	1,168,381	1,237,621	59,487	70,299	76,144	80,270	82,029	85,288
Communication	1,792,450	2,096,171	2,132,099	2,335,112	2,465,050	2,734,433	190,574	206,535	215,220	212,217	218,610	210,520
Electric, gas, and sanitary services	768,436	849,004	945,138	1,067,529	1,173,986	1,259,113	249,058	291,358	314,830	333,243	350,293	365,624
Wholesale trade	5,155,830	5,613,796	6,045,208	7,023,194	7,591,352	8,227,364	431,798	461,406	445,578	487,037	527,162	520,280
Retail trade	5,733,261	6,076,354	6,822,613	7,381,141	8,120,469	9,031,194	938,254	1,007,858	1,100,158	1,183,150	1,266,552	1,337,549
Finance, insurance, and real estate	3,242,137	3,338,110	3,985,713	4,356,628	5,003,371	6,225,278	344,321	347,012	420,752	467,122	517,573	575,631
Banking and credit agencies	941,489	1,024,176	1,195,299	1,327,034	1,508,640	1,795,723	152,170	172,380	196,991	217,094	239,856	253,445
Other finance, insurance, and real estate[9]	2,300,648	2,313,934	2,790,414	3,029,594	3,494,731	4,429,555	192,151	174,632	223,761	250,028	277,717	322,186
Services	12,784,196	14,273,335	16,242,344	18,304,759	20,531,412	22,752,897	1,706,566	1,907,166	2,108,851	2,351,499	2,606,487	2,826,102
Hotels and other lodging places	797,813	928,606	1,060,436	1,192,780	1,322,242	1,414,741	85,567	91,733	101,100	106,574	105,743	113,164
Personal services	487,816	520,654	582,638	630,458	744,797	812,440	70,741	82,750	93,014	99,118	119,890	125,351
Private households	175,492	188,039	195,835	218,195	219,668	226,713	34,787	38,011	40,329	45,428	46,188	48,161
Business services	3,329,026	3,962,752	4,949,003	5,718,164	6,734,876	7,539,281	487,429	570,396	621,932	701,974	804,591	881,191
Auto repair, services, and garages	492,441	503,509	545,829	646,924	706,531	784,952	84,252	82,582	97,441	112,009	122,162	123,524
Miscellaneous repair services	268,660	280,893	301,238	379,768	381,153	418,751	37,892	39,922	42,477	45,733	45,072	45,294
Amusement and recreation services	271,675	262,934	290,725	338,701	402,870	417,782	32,523	36,804	39,812	44,181	48,437	52,299
Motion pictures	41,903	47,404	49,847	60,433	69,936	77,890	6,392	6,678	11,119	11,537	11,896	17,267
Health services	3,569,128	4,045,405	4,458,902	4,858,658	5,294,496	5,888,717	424,207	496,127	549,603	595,535	649,075	711,879
Legal services	756,784	858,769	986,533	1,167,567	1,305,450	1,485,340	92,771	106,291	120,180	143,723	164,342	176,745
Educational services	496,085	522,804	572,584	626,649	662,220	706,775	35,992	39,093	42,307	44,640	46,395	49,476
Social services	265,634	257,412	295,611	329,817	384,377	437,812	42,043	45,168	50,613	57,503	60,903	62,432
Museums, botanical, zoological gardens	4,055	3,816	4,132	4,373	4,748	5,440	412	581	701	774	975	1,134
Membership organizations	464,929	491,707	524,066	572,640	604,403	636,165	89,137	97,221	107,079	118,586	127,503	132,593
Miscellaneous services	1,362,755	1,398,631	1,424,965	1,559,632	1,693,645	1,900,098	182,421	173,809	191,144	224,184	253,315	285,592
Government and government enterprises	9,032,596	9,848,025	10,487,328	11,296,916	12,031,338	12,888,432	2,319,281	2,521,692	2,735,489	2,902,277	3,106,884	3,233,668
Federal, civilian	1,883,953	2,015,769	2,122,643	2,255,896	2,318,957	2,321,359	624,838	637,424	684,080	715,797	756,905	762,222
Military	381,572	439,234	504,695	543,558	547,368	568,427	276,051	314,858	347,901	368,087	390,837	411,982
State and local	6,767,071	7,393,022	7,859,990	8,497,462	9,165,013	9,998,646	1,418,392	1,569,410	1,703,508	1,818,393	1,959,142	2,059,464

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	New York						North Carolina					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**208,172,146**	**223,261,102**	**239,979,106**	**263,536,530**	**280,690,447**	**301,769,478**	**52,891,152**	**55,866,934**	**60,722,240**	**67,850,775**	**73,097,897**	**78,745,416**
Nonfarm personal income	207,542,139	222,620,489	239,567,694	262,980,247	280,084,408	301,043,333	51,638,311	54,684,480	59,965,857	66,341,331	71,842,832	77,400,745
Farm income[1]	630,007	640,613	411,412	556,283	606,039	726,145	1,252,841	1,182,454	756,383	1,509,444	1,255,065	1,344,671
Population (thousands)[2]	17,556.8	17,569.4	17,660.3	17,713.1	17,746.3	17,772.2	5,957.0	6,018.1	6,079.8	6,169.0	6,260.7	6,331.3
Per capita personal income (dollars)	**11,857**	**12,707**	**13,589**	**14,878**	**15,817**	**16,980**	**8,879**	**9,283**	**9,988**	**10,999**	**11,676**	**12,438**
Derivation of total personal income:												
Total earnings by place of work	153,796,179	164,853,351	178,023,818	194,740,278	210,641,511	228,095,556	40,622,861	42,287,050	46,090,236	52,104,714	56,204,171	60,826,468
Less: Personal contributions for social insurance[3]	9,591,173	10,307,127	11,353,477	12,511,953	14,098,973	15,384,264	2,320,589	2,498,100	2,718,058	3,039,471	3,433,452	3,733,828
Plus: Adjustment for residence	−9,411,083	−10,764,227	−11,581,789	−12,462,241	−13,817,940	−14,830,674	−30,014	−13,249	−15,941	−37,000	−111,036	−172,415
Equals: Net earnings by place of residence	134,793,923	143,781,997	155,088,552	169,766,084	182,724,598	197,880,618	38,272,258	39,775,701	43,356,237	49,028,243	52,659,683	56,920,225
Plus: Dividends, interest, and rent[5]	37,917,481	40,667,448	43,082,362	49,209,568	50,792,345	54,023,676	6,868,611	7,469,658	8,064,804	9,200,541	10,021,597	10,799,906
Plus: Transfer payments	35,460,742	38,811,657	41,808,192	44,560,878	47,173,504	49,865,184	7,750,283	8,621,575	9,301,199	9,621,991	10,416,617	11,025,285
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	128,949,404	138,788,581	148,307,365	161,976,271	174,816,819	188,703,417	33,541,100	35,018,217	38,137,821	42,568,107	46,163,922	49,783,930
Other labor income	12,178,326	13,817,488	14,559,185	15,159,054	15,888,289	16,733,126	3,108,472	3,433,729	3,770,154	3,995,871	4,218,971	4,514,689
Proprietors' income[6]	12,668,449	12,247,282	15,157,268	17,604,953	19,936,403	22,659,013	3,973,289	3,835,104	4,182,261	5,540,736	5,821,278	6,527,849
Farm	395,248	378,034	160,363	310,616	356,693	475,438	1,024,007	934,531	517,776	1,275,295	1,018,399	1,107,490
Nonfarm	12,273,201	11,869,248	14,996,905	17,294,337	19,579,710	22,183,575	2,949,282	2,900,573	3,664,485	4,265,441	4,802,879	5,420,359
Earnings by industry:												
Farm	630,007	640,613	411,412	556,283	606,039	726,145	1,252,841	1,182,454	756,383	1,509,444	1,255,065	1,344,671
Nonfarm	153,166,172	164,212,738	177,612,406	194,183,995	210,035,472	227,369,411	39,370,020	41,104,596	45,333,853	50,595,270	54,949,106	59,481,797
Private	130,296,217	139,596,982	151,046,077	165,300,248	179,093,912	193,792,522	32,266,639	33,489,407	37,335,990	41,931,519	45,490,236	49,356,826
Agricultural services, forestry, fisheries, and other[7]	428,663	464,859	548,956	568,753	603,947	682,306	165,394	156,882	210,417	209,560	247,414	278,164
Agricultural services	312,437	345,202	390,396	409,136	426,138	485,239	139,855	143,335	168,311	181,651	189,906	220,342
Forestry, fisheries, and other[7]	116,226	119,657	158,560	159,617	177,809	197,067	25,539	13,547	42,106	27,909	57,508	57,822
Mining	841,217	756,766	679,437	705,406	909,445	885,809	198,154	177,421	166,864	188,749	241,712	244,382
Coal mining	4,028	4,782	5,644	8,889	8,386	8,787	683	468	533	795	854	899
Oil and gas extraction	689,868	614,036	523,718	543,746	745,058	740,775	100,360	84,377	69,003	76,215	121,371	125,058
Metal mining	55,023	42,380	50,877	39,498	37,434	39,747	277	−155	(L)	207	818	1,007
Nonmetallic minerals, except fuels	92,298	95,568	99,198	113,273	118,567	96,500	96,834	92,731	97,350	111,532	118,669	117,418
Construction	5,875,706	6,681,078	7,581,309	8,808,289	10,011,109	11,402,021	2,268,547	2,283,035	2,581,077	3,214,997	3,749,789	4,170,051
Manufacturing	33,235,633	34,109,797	34,897,168	37,096,793	38,408,185	38,879,138	13,039,698	13,088,672	14,642,800	16,044,402	16,612,245	17,745,695
Nondurable goods	13,579,171	14,121,848	14,701,238	15,416,787	15,778,377	15,912,082	7,799,872	7,832,336	8,699,285	9,049,243	9,198,608	9,967,059
Food and kindred products	2,017,321	2,068,882	2,137,160	2,242,110	2,327,477	2,346,971	699,825	726,948	786,783	807,761	860,670	924,580
Textile mill products	588,043	542,739	578,494	597,506	608,434	608,245	3,218,954	3,085,156	3,488,950	3,510,812	3,418,256	3,747,017
Apparel and other textile products	2,410,127	2,388,748	2,443,054	2,553,131	2,502,913	2,486,380	862,415	853,265	958,440	1,041,178	993,686	1,043,307
Paper and allied products	1,107,364	1,121,864	1,129,250	1,258,346	1,243,638	1,240,640	524,491	549,007	592,754	599,901	650,322	686,988
Printing and publishing	3,628,586	3,919,607	4,162,398	4,477,180	4,770,837	5,030,590	331,784	352,030	406,269	458,665	518,628	570,780
Chemicals and allied products	2,000,763	2,063,764	2,081,149	2,219,506	2,316,775	2,359,809	837,280	873,579	954,659	1,035,370	1,077,883	1,191,423
Petroleum and coal products	819,853	1,008,746	1,092,553	959,491	905,587	730,636	13,270	15,886	18,919	19,768	21,208	23,180
Tobacco manufactures	99,904	121,719	133,263	131,786	132,483	112,372	733,122	781,931	860,136	843,059	919,930	985,405
Rubber and misc. plastic products	546,508	543,623	599,598	650,218	678,381	721,555	515,449	523,734	568,155	676,122	684,317	739,707
Leather and leather products	360,702	342,156	344,319	327,513	291,852	274,884	63,282	70,800	64,220	56,607	53,708	54,672
Durable goods	19,656,462	19,987,949	20,195,930	21,680,006	22,629,808	22,967,056	5,239,826	5,256,336	5,943,515	6,995,159	7,413,637	7,778,636
Lumber and wood products	241,462	222,944	244,311	276,602	289,923	310,151	514,823	455,497	552,051	628,441	641,503	722,828
Furniture and fixtures	346,066	349,715	364,418	396,456	428,242	467,465	1,087,350	1,044,088	1,191,264	1,331,759	1,358,102	1,460,491
Primary metal industries	1,482,955	1,240,654	1,141,400	1,133,916	1,014,487	979,224	204,698	196,001	235,962	299,267	283,285	308,788
Fabricated metal products	1,648,127	1,623,962	1,635,642	1,788,867	1,864,673	1,858,836	458,528	452,495	490,406	608,328	622,577	650,082
Machinery, except electrical	4,581,480	4,726,057	4,777,718	5,161,116	5,332,229	5,295,141	1,059,274	1,173,942	1,286,014	1,495,272	1,624,619	1,685,508
Electric and electronic equipment	3,610,383	3,790,341	3,982,128	4,381,196	4,517,760	4,649,321	1,019,354	1,061,360	1,147,635	1,385,521	1,528,885	1,499,573
Transportation equip. exc. motor vehicles	1,190,615	1,208,992	1,240,826	1,333,218	1,446,757	1,501,731	67,587	63,788	70,670	87,193	97,152	103,749
Motor vehicles and equipment	1,028,336	914,149	992,538	1,197,581	1,418,837	1,395,119	249,418	251,194	341,719	415,737	465,709	497,724
Stone, clay, and glass products	881,431	854,559	897,682	935,297	928,022	997,491	316,731	297,695	332,351	408,680	439,629	476,779
Instruments and related products	3,678,251	4,099,023	3,945,868	4,006,603	4,360,085	4,458,294	188,930	192,046	213,689	234,663	245,179	253,156
Miscellaneous manufacturing industries	967,356	957,553	973,399	1,069,154	1,028,793	1,054,283	73,133	68,230	81,754	100,298	106,997	119,958
Transportation and public utilities	12,778,069	13,968,799	13,646,442	14,628,585	15,109,223	15,255,544	2,757,843	3,004,439	3,285,659	3,592,515	3,823,696	4,053,991
Railroad transportation	749,578	640,997	575,295	614,072	614,078	580,441	187,982	191,698	207,538	210,788	193,199	180,533
Trucking and warehousing	1,690,761	1,674,439	1,744,823	1,972,007	2,004,675	2,135,910	1,039,868	1,051,517	1,166,792	1,346,833	1,380,626	1,433,674
Water transportation	748,797	704,608	656,106	577,683	575,494	555,687	22,634	23,004	21,750	22,252	28,670	27,350
Other transportation[8]	3,378,703	3,467,198	3,619,787	3,860,482	4,023,976	4,084,060	244,715	288,144	342,452	393,026	473,092	548,915
Communication	4,396,424	5,476,766	5,040,237	5,352,299	5,449,725	5,317,938	679,452	762,662	788,077	793,817	834,372	865,659
Electric, gas, and sanitary services	1,813,806	2,004,791	2,010,194	2,252,042	2,441,275	2,581,508	583,192	687,414	759,050	825,799	913,737	997,860
Wholesale trade	11,938,815	12,668,660	13,038,089	14,290,458	15,425,891	16,053,383	2,406,392	2,612,885	2,638,183	3,074,624	3,466,131	3,672,288
Retail trade	11,772,795	12,456,776	13,864,721	15,032,868	16,231,353	17,670,095	3,949,577	4,186,701	4,781,420	5,302,176	5,807,927	6,310,237
Finance, insurance, and real estate	16,505,564	17,975,476	22,052,534	23,824,243	26,706,482	31,986,622	1,666,504	1,699,581	1,981,065	2,139,914	2,390,320	2,853,733
Banking and credit agencies	5,563,156	6,578,023	7,222,798	7,803,274	8,239,636	9,258,127	679,130	758,265	835,336	895,463	992,315	1,121,360
Other finance, insurance, and real estate[9]	10,942,408	11,397,453	14,829,736	16,020,969	18,466,846	22,728,495	987,374	941,316	1,145,729	1,244,451	1,398,005	1,732,373
Services	36,919,755	40,514,771	44,737,421	50,344,853	55,688,277	60,977,604	5,814,530	6,279,791	7,048,505	8,164,582	9,151,002	10,028,285
Hotels and other lodging places	874,365	890,908	1,037,452	1,084,961	1,113,560	1,238,947	174,728	185,121	218,510	245,439	258,397	286,974
Personal services	1,155,132	1,225,204	1,359,056	1,452,363	1,676,558	1,803,246	372,849	406,997	459,182	500,511	612,116	672,664
Private households	735,817	787,535	820,368	912,090	913,882	937,038	281,370	303,737	317,687	357,259	362,573	375,426
Business services	7,679,980	8,684,375	9,678,793	11,2o5,834	12,775,860	14,327,210	795,832	930,490	1,099,755	1,387,960	1,700,116	1,947,656
Auto repair, services, and garages	885,155	910,418	1,028,436	1,189,965	1,284,268	1,381,761	313,040	297,078	361,277	436,241	481,201	512,113
Miscellaneous repair services	496,458	519,447	594,777	665,259	660,506	678,870	154,683	162,939	206,672	254,985	235,186	241,804
Amusement and recreation services	1,111,918	1,091,821	1,178,790	1,330,117	1,520,323	1,656,345	107,614	113,250	126,161	145,321	167,240	185,248
Motion pictures	587,388	663,259	710,181	961,091	1,177,349	1,207,354	20,052	21,645	22,306	34,822	37,698	47,858
Health services	9,904,138	11,088,111	12,161,513	13,215,705	14,447,406	15,628,008	1,727,386	1,957,590	2,159,684	2,378,579	2,601,474	2,888,108
Legal services	3,666,857	4,305,434	4,895,092	5,834,232	6,370,782	7,292,027	294,279	324,273	368,984	458,067	521,316	595,327
Educational services	2,404,364	2,636,277	2,920,707	3,206,163	3,449,856	3,709,109	424,454	467,710	505,892	556,597	594,155	654,769
Social services	1,517,529	1,665,803	1,805,717	2,014,882	2,252,461	2,580,165	176,412	175,872	190,460	213,513	239,400	269,359
Museums, botanical, zoological gardens	98,398	111,183	124,402	135,147	149,527	168,558	2,035	2,397	3,478	4,195	4,890	5,538
Membership organizations	1,478,527	1,651,215	1,715,768	1,807,414	1,904,809	1,915,079	308,572	326,853	343,645	347,162	352,541	349,535
Miscellaneous services	4,323,729	4,283,781	4,706,369	5,329,630	5,991,130	6,453,887	661,224	603,839	664,812	843,931	982,699	995,906
Government and government enterprises	22,869,955	24,615,756	26,566,329	28,883,747	30,941,560	33,576,889	7,103,381	7,615,189	7,997,863	8,663,751	9,458,870	10,124,971
Federal, civilian	3,720,817	3,812,475	3,926,780	4,231,379	4,450,038	4,437,125	1,005,742	1,071,264	1,155,021	1,228,236	1,319,646	1,350,907
Military	490,370	561,224	630,733	672,371	726,989	769,062	1,447,451	1,587,921	1,707,941	1,822,299	1,929,255	1,969,720
State and local	18,658,768	20,242,057	22,008,816	23,979,997	25,764,533	28,370,702	4,650,188	4,956,004	5,134,901	5,613,216	6,209,969	6,804,344

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	North Dakota						Ohio					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,709,944**	**7,069,655**	**7,360,558**	**7,930,244**	**8,190,182**	**8,446,802**	**113,968,836**	**117,765,875**	**123,971,565**	**134,761,491**	**142,249,584**	**149,369,655**
Nonfarm personal income	6,178,255	6,673,205	7,069,546	7,292,768	7,478,305	7,647,888	113,464,107	117,191,290	123,820,041	133,759,351	141,271,948	148,481,428
Farm income[1]	531,689	396,450	291,012	637,476	711,877	798,914	504,729	574,585	151,524	1,002,140	977,636	888,227
Population (thousands)[2]	661.1	672.0	681.4	686.8	684.9	679.1	10,800.9	10,776.8	10,741.5	10,744.0	10,747.4	10,752.2
Per capita personal income (dollars)	**10,150**	**10,520**	**10,802**	**11,547**	**11,958**	**12,437**	**10,552**	**10,928**	**11,541**	**12,543**	**13,236**	**13,892**
Derivation of total personal income:												
Total earnings by place of work	4,874,682	4,995,593	5,082,020	5,588,244	5,757,704	5,885,861	84,760,208	84,896,421	88,740,276	98,006,543	104,131,606	109,213,970
Less: Personal contributions for social insurance[3]	267,129	293,782	300,448	315,558	338,084	345,319	5,208,928	5,395,285	5,815,467	6,417,100	7,112,926	7,522,494
Plus: Adjustment for residence	−151,125	−158,536	−171,435	−172,369	−168,458	−158,462	−349,950	−457,925	−542,421	−711,512	−840,462	−789,081
Equals: Net earnings by place of residence	4,456,428	4,543,275	4,610,137	5,100,317	5,251,162	5,382,080	79,201,330	79,043,211	82,382,388	90,877,931	96,178,218	100,902,395
Plus: Dividends, interest, and rent[5]	1,360,840	1,525,877	1,640,556	1,658,708	1,675,855	1,717,634	17,485,613	18,728,819	20,141,818	21,825,963	22,607,064	23,690,222
Plus: Transfer payments	892,676	1,000,503	1,109,865	1,171,219	1,263,165	1,347,088	17,281,893	19,993,845	21,447,359	22,057,597	23,464,302	24,777,038
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,603,241	3,831,197	3,972,318	4,077,144	4,145,442	4,150,788	70,852,533	71,223,975	74,069,072	81,200,856	86,302,427	90,288,362
Other labor income	279,706	319,845	343,832	340,699	340,812	336,177	7,533,822	7,802,316	8,251,305	8,702,150	8,989,341	9,336,197
Proprietors' income[6]	991,735	844,551	765,870	1,170,401	1,271,450	1,398,896	6,373,853	5,870,130	6,419,899	8,103,537	8,839,838	9,589,411
Farm	462,023	323,047	220,602	568,541	641,916	728,723	342,577	393,591	−23,091	830,174	803,281	712,318
Nonfarm	529,712	521,504	545,268	601,860	629,534	670,173	6,031,276	5,476,539	6,442,990	7,273,363	8,036,557	8,877,093
Earnings by industry:												
Farm	531,689	396,450	291,012	637,476	711,877	798,914	504,729	574,585	151,524	1,002,140	977,636	888,227
Nonfarm	4,342,993	4,599,143	4,791,008	4,950,768	5,045,827	5,086,947	84,255,479	84,321,836	88,588,752	97,004,403	103,153,970	108,325,743
Private	3,439,069	3,621,598	3,753,612	3,858,985	3,879,368	3,881,708	73,986,363	73,269,811	76,902,493	84,546,701	89,896,305	94,390,890
Agricultural services, forestry, fisheries, and other[7]	25,829	28,888	34,461	32,539	27,808	31,053	243,621	247,231	304,944	316,937	309,509	348,000
Agricultural services	25,152	28,427	33,679	32,026	27,101	30,308	234,772	248,447	285,221	300,822	301,261	337,360
Forestry, fisheries, and other[7]	677	461	782	513	707	745	8,849	−1,216	19,723	16,115	8,248	10,640
Mining	305,030	273,271	203,393	224,952	218,049	152,349	1,124,312	1,129,221	1,045,417	1,139,002	1,178,267	1,082,100
Coal mining	41,663	47,333	51,609	56,654	64,285	57,144	463,285	503,397	463,639	520,203	494,417	476,547
Oil and gas extraction	257,133	218,768	142,213	157,506	144,222	91,309	547,127	533,101	483,687	508,213	567,048	499,615
Metal mining	(L)	−159	(L)	−85	(L)	135	9,006	−6,720	325	−1,580	3,121	8,885
Nonmetallic minerals, except fuels	6,249	7,329	9,597	10,877	9,588	3,761	104,894	99,443	97,766	112,166	113,681	97,053
Construction	412,849	466,162	546,444	431,692	370,306	364,823	4,357,565	4,188,581	4,258,758	4,821,655	5,074,041	5,371,529
Manufacturing	279,494	289,043	297,984	320,160	332,016	335,151	30,996,668	29,167,789	30,147,359	33,425,887	34,913,509	35,412,332
Nondurable goods	136,989	153,436	163,976	172,776	180,536	186,690	8,505,708	8,554,765	8,930,344	9,607,068	9,987,926	10,434,737
Food and kindred products	70,044	79,725	85,289	86,525	91,665	93,004	1,517,366	1,558,190	1,575,599	1,610,040	1,649,039	1,733,323
Textile mill products	3,956	5,411	5,829	8,100	8,685	9,175	88,422	82,395	91,647	96,538	98,254	107,941
Apparel and other textile products	2,314	2,211	2,610	3,246	3,167	3,251	224,865	228,796	237,687	265,057	268,209	269,135
Paper and allied products	1,547	1,236	1,397	1,289	1,333	(D)	895,526	896,068	939,537	1,045,612	1,100,103	1,156,696
Printing and publishing	31,331	32,570	35,098	37,379	39,256	40,279	1,302,116	1,325,603	1,385,508	1,493,448	1,594,418	1,700,151
Chemicals and allied products	2,523	3,311	3,004	2,794	2,888	3,095	1,845,094	1,943,786	2,013,368	2,084,936	2,186,174	2,302,207
Petroleum and coal products	14,343	16,017	16,274	16,395	16,282	16,750	427,331	398,580	413,927	431,085	471,417	461,639
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	2,537	2,001	2,271	2,208	2,205	2,136
Rubber and misc. plastic products	10,829	12,937	14,457	17,046	17,275	19,750	2,121,493	2,031,643	2,184,765	2,496,167	2,545,373	2,631,493
Leather and leather products	98	(L)	(L)	0	(L)	(D)	80,958	87,703	86,035	81,977	72,734	70,016
Durable goods	142,505	135,607	134,008	147,384	151,480	148,461	22,490,960	20,613,024	21,217,015	23,818,819	24,925,583	24,977,595
Lumber and wood products	4,933	4,834	5,867	5,700	5,079	5,513	240,800	219,042	265,972	291,953	326,082	368,752
Furniture and fixtures	3,539	4,538	4,975	4,783	5,195	6,154	262,418	259,696	271,638	320,074	319,290	337,526
Primary metal industries	51	101	222	1,001	137	216	4,488,229	3,731,296	3,588,017	3,991,348	3,857,603	3,658,626
Fabricated metal products	14,377	13,075	13,134	15,452	15,550	15,435	3,751,305	3,409,504	3,616,868	3,981,631	4,203,923	4,231,438
Machinery, except electrical	74,364	67,804	63,074	69,386	68,323	62,367	5,028,526	4,550,122	4,175,117	4,808,872	4,982,542	4,910,901
Electric and electronic equipment	2,880	2,620	2,576	3,246	4,623	5,925	2,294,716	2,223,936	2,288,060	2,440,633	2,515,885	2,550,892
Transportation equip. exc. motor vehicles	11,593	11,999	11,902	12,537	13,982	15,793	1,380,471	1,438,649	1,562,841	1,734,217	1,993,037	2,215,811
Motor vehicles and equipment	7,424	7,406	7,966	10,290	13,172	11,409	2,949,121	2,742,829	3,332,451	3,904,782	4,306,259	4,246,570
Stone, clay, and glass products	16,700	16,345	16,957	16,947	17,177	16,061	1,445,174	1,379,478	1,402,379	1,485,417	1,528,838	1,541,359
Instruments and related products	742	863	937	904	800	1,274	406,155	409,245	443,168	555,923	582,054	597,799
Miscellaneous manufacturing industries	5,902	6,022	6,398	7,138	7,442	8,314	244,045	249,227	270,504	303,969	310,070	317,921
Transportation and public utilities	430,850	475,730	492,959	538,365	538,835	533,779	5,930,584	5,946,402	5,984,627	6,437,601	6,481,918	6,734,829
Railroad transportation	89,081	83,848	81,160	86,926	81,083	77,312	739,269	650,727	589,272	624,984	607,835	593,445
Trucking and warehousing	141,605	144,117	133,231	148,560	137,986	139,341	2,067,287	1,917,771	1,930,980	2,180,736	2,151,135	2,177,453
Water transportation	0	0	93	131	149	217	119,715	100,194	95,019	106,716	106,009	107,111
Other transportation[8]	23,498	26,931	28,378	28,411	30,890	31,419	409,679	453,189	472,251	518,719	547,809	608,681
Communication	91,794	98,340	97,664	93,544	95,484	93,775	1,480,433	1,591,929	1,639,035	1,660,378	1,602,107	1,676,999
Electric, gas, and sanitary services	84,872	122,494	152,433	180,793	193,243	191,715	1,114,201	1,232,592	1,258,070	1,346,068	1,467,023	1,571,140
Wholesale trade	451,202	465,844	444,060	466,542	462,705	458,446	5,190,638	5,376,657	5,399,505	6,055,176	6,530,895	6,774,591
Retail trade	503,003	521,100	543,168	560,510	572,395	576,144	7,841,685	8,017,303	8,580,927	9,081,797	9,728,658	10,358,806
Finance, insurance, and real estate	205,481	214,974	231,701	248,580	263,742	282,053	3,627,578	3,679,590	4,200,803	4,399,750	4,764,313	5,606,685
Banking and credit agencies	99,180	109,639	116,300	123,025	129,584	135,141	1,355,813	1,460,599	1,571,436	1,666,701	1,774,877	1,939,948
Other finance, insurance, and real estate[9]	106,301	105,335	115,401	125,555	134,158	146,912	2,271,765	2,218,991	2,629,367	2,733,049	2,989,436	3,666,737
Services	825,331	886,586	959,442	1,035,645	1,093,512	1,147,910	14,673,712	15,517,037	16,980,153	18,868,896	20,915,195	22,702,018
Hotels and other lodging places	33,530	33,931	37,814	36,076	33,254	32,665	286,178	262,205	297,897	311,270	318,941	350,148
Personal services	48,473	54,892	59,077	62,069	75,391	79,845	736,251	782,243	817,545	871,514	1,038,362	1,104,740
Private households	11,622	12,569	13,199	14,695	14,644	14,860	204,345	217,523	224,735	248,629	248,558	254,446
Business services	76,393	81,074	78,609	92,228	101,362	104,038	1,916,426	2,002,412	2,378,836	2,872,145	3,456,118	3,865,442
Auto repair, services, and garages	36,381	36,661	38,470	43,204	46,364	48,939	601,771	535,598	578,598	688,369	759,477	813,570
Miscellaneous repair services	19,408	19,135	22,403	25,475	21,007	22,358	239,897	215,521	247,485	290,584	287,634	301,183
Amusement and recreation services	9,706	10,638	12,257	13,821	15,199	15,509	375,369	377,119	403,467	445,288	504,713	526,978
Motion pictures	1,585	1,755	1,743	2,149	2,291	2,311	38,199	38,892	39,183	43,984	45,719	47,597
Health services	372,781	427,393	472,510	500,702	520,196	548,628	5,624,833	6,434,683	6,910,344	7,328,028	7,874,100	8,501,831
Legal services	36,661	39,917	43,081	49,946	52,949	58,021	899,758	991,111	1,088,952	1,286,692	1,409,341	1,567,899
Educational services	18,386	20,030	21,652	23,293	24,541	25,762	622,085	661,233	718,187	801,921	850,604	908,970
Social services	20,542	23,229	27,616	30,740	32,795	37,563	440,144	451,550	498,099	562,126	614,604	666,938
Museums, botanical, zoological gardens	0	70	254	299	345	435	25,068	28,169	31,105	33,247	36,004	39,282
Membership organizations	49,696	52,925	57,402	58,446	62,445	63,709	754,184	793,184	835,127	873,778	906,125	922,972
Miscellaneous services	90,167	72,367	73,355	82,502	90,729	93,267	1,909,204	1,725,594	1,910,593	2,211,321	2,564,895	2,830,022
Government and government enterprises	903,924	977,545	1,037,396	1,091,783	1,166,459	1,205,239	10,269,116	11,052,025	11,686,259	12,457,702	13,257,665	13,934,853
Federal, civilian	183,635	185,139	195,076	200,972	213,090	223,915	2,143,946	2,208,221	2,311,379	2,406,023	2,530,620	2,516,772
Military	178,867	198,050	218,240	234,371	245,421	244,704	324,407	376,892	414,958	447,870	491,686	508,796
State and local	541,422	594,356	624,080	656,440	707,948	736,620	7,800,763	8,466,912	8,959,922	9,603,809	10,235,359	10,909,285

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Oklahoma						Oregon					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**33,189,440**	**36,713,476**	**36,924,888**	**38,824,384**	**40,266,038**	**40,721,568**	**27,889,367**	**28,262,745**	**30,010,223**	**32,302,376**	**34,113,467**	**36,026,916**
Nonfarm personal income	32,585,947	35,920,379	36,421,288	38,195,129	39,632,177	39,812,642	27,351,533	27,799,173	29,532,151	31,719,498	33,475,560	35,260,281
Farm income[1]	603,493	793,097	503,600	629,255	633,861	908,926	537,834	463,572	478,072	582,878	637,907	766,635
Population (thousands)[2]	3,108.5	3,232.9	3,312.6	3,312.6	3,306.1	3,305.3	2,669.5	2,669.0	2,660.2	2,676.5	2,685.8	2,697.8
Per capita personal income (dollars)	**10,677**	**11,356**	**11,147**	**11,720**	**12,179**	**12,320**	**10,448**	**10,589**	**11,281**	**12,069**	**12,701**	**13,354**
Derivation of total personal income:												
Total earnings by place of work	24,744,811	27,106,436	26,649,749	28,014,330	28,646,588	28,506,326	20,016,940	19,734,084	20,812,864	22,639,911	24,031,894	25,436,017
Less: Personal contributions for social insurance[3]	1,306,930	1,457,141	1,569,339	1,645,540	1,760,112	1,738,850	1,179,815	1,258,396	1,312,755	1,438,368	1,581,225	1,685,404
Plus: Adjustment for residence	188,239	162,484	197,859	225,797	258,054	311,196	−236,417	−216,509	−187,691	−173,708	−212,449	−196,265
Equals: Net earnings by place of residence	23,626,120	25,811,779	25,278,269	26,594,587	27,144,530	27,078,672	18,600,708	18,259,179	19,312,418	21,027,835	22,238,220	23,554,348
Plus: Dividends, interest, and rent[4]	4,951,067	5,698,206	5,962,365	6,435,324	6,874,162	7,004,849	4,991,886	5,174,144	5,497,075	5,978,170	6,164,069	6,514,481
Plus: Transfer payments	4,612,253	5,203,491	5,684,254	5,794,473	6,247,346	6,638,047	4,296,773	4,829,422	5,200,730	5,296,371	5,711,178	5,958,087
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	19,467,712	21,412,592	20,962,950	21,871,582	22,309,638	21,764,092	16,058,591	15,995,222	16,669,453	18,026,142	18,911,349	19,923,077
Other labor income	1,981,690	2,246,763	2,227,852	2,259,137	2,225,804	2,178,037	1,526,973	1,581,333	1,641,012	1,717,736	1,927,340	1,902,059
Proprietors' income[6]	3,295,409	3,447,081	3,458,947	3,883,611	4,111,146	4,564,197	2,431,376	2,157,529	2,502,399	2,896,033	3,193,205	3,610,881
Farm	507,834	687,255	401,505	528,771	532,397	806,931	358,114	264,577	288,068	396,268	446,765	574,420
Nonfarm	2,787,575	2,759,826	3,057,442	3,354,840	3,578,749	3,757,266	2,073,262	1,892,952	2,214,331	2,499,765	2,746,440	3,036,461
Earnings by industry:												
Farm	603,493	793,097	503,600	629,255	633,861	908,926	537,834	463,572	478,072	582,878	637,907	766,635
Nonfarm	24,141,318	26,313,339	26,146,149	27,385,075	28,012,727	27,597,400	19,479,106	19,270,512	20,334,792	22,057,033	23,393,987	24,669,382
Private	20,115,382	21,716,286	21,205,018	22,293,366	22,598,393	22,014,983	16,208,560	15,841,157	16,773,522	18,315,920	19,323,630	20,507,699
Agricultural services, forestry, fisheries, and other[7]	91,739	100,640	114,765	113,005	99,862	106,060	163,084	138,695	222,545	208,195	208,891	245,910
Agricultural services	87,787	99,681	108,429	106,744	96,275	101,882	89,132	93,049	106,494	104,422	98,406	115,222
Forestry, fisheries, and other[7]	3,952	959	6,336	6,261	3,587	4,178	73,952	45,646	116,051	103,773	110,485	130,688
Mining	2,975,257	3,355,500	2,622,948	2,506,379	2,401,951	1,946,741	106,525	89,451	76,215	80,474	98,469	89,034
Coal mining	64,423	57,168	47,679	55,485	45,735	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	2,875,056	3,256,810	2,533,076	2,405,172	2,310,681	1,888,106	56,290	45,843	35,581	(D)	59,532	59,836
Metal mining	2,445	3,771	1,573	1,309	1,431	1,669	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	33,333	37,751	40,620	44,413	44,104	(D)	31,013	26,039	26,711	25,438	26,872	18,931
Construction	1,618,418	1,783,039	1,739,183	1,868,019	1,765,714	1,692,478	1,211,041	1,019,096	989,513	1,108,316	1,221,186	1,323,336
Manufacturing	4,350,700	4,235,725	4,138,309	4,590,169	4,634,087	4,448,005	4,741,106	4,530,514	4,778,103	5,262,678	5,347,360	5,518,126
Nondurable goods	1,366,444	1,406,289	1,468,424	1,598,231	1,569,080	1,534,717	1,125,458	1,146,561	1,180,932	1,246,675	1,295,901	1,349,589
Food and kindred products	282,622	299,813	299,434	313,191	314,708	312,131	437,006	455,875	462,955	468,117	479,905	489,424
Textile mill products	14,489	15,049	18,541	19,336	17,787	18,504	26,950	27,394	26,957	28,160	29,522	(D)
Apparel and other textile products	101,622	95,396	101,211	104,476	104,238	102,605	34,951	35,821	35,888	40,493	35,758	37,393
Paper and allied products	77,400	82,505	88,390	102,141	99,622	110,429	313,873	313,310	312,108	335,324	354,499	367,859
Printing and publishing	185,358	203,816	207,033	229,731	243,809	244,452	192,696	197,468	211,307	232,496	251,762	266,007
Chemicals and allied products	85,523	89,507	97,949	98,927	97,074	92,156	53,697	53,544	57,246	59,167	61,505	61,580
Petroleum and coal products	328,879	344,745	352,708	386,597	342,162	333,307	15,162	14,585	16,838	15,581	11,717	16,172
Tobacco manufactures	673	(D)	(D)	344	208	217	88	(L)	(L)	(D)	(D)	77
Rubber and misc. plastic products	283,824	270,203	298,239	338,972	344,557	315,913	45,348	43,422	50,120	60,326	64,772	77,138
Leather and leather products	6,054	(D)	(D)	4,516	4,915	5,003	5,687	5,126	7,472	(D)	(D)	(D)
Durable goods	2,984,256	2,829,436	2,669,885	2,991,938	3,065,007	2,913,288	3,615,648	3,383,953	3,597,171	4,016,003	4,051,459	4,168,537
Lumber and wood products	57,104	52,570	56,921	62,108	53,169	51,661	1,575,917	1,396,579	1,670,494	1,812,709	1,784,041	1,804,335
Furniture and fixtures	32,009	33,077	30,471	33,984	32,775	35,917	40,754	39,644	42,304	48,715	49,107	53,516
Primary metal industries	146,610	125,600	110,986	123,070	121,148	121,329	314,120	266,830	254,443	309,132	299,896	303,180
Fabricated metal products	548,772	527,815	413,056	419,347	422,231	385,494	253,781	235,142	239,372	265,410	278,425	272,205
Machinery, except electrical	987,502	942,406	786,752	996,936	1,039,349	935,794	443,510	437,012	416,064	441,012	450,234	458,522
Electric and electronic equipment	254,960	276,279	326,729	268,339	249,737	236,494	199,266	220,923	250,374	335,080	347,764	356,651
Transportation equip. exc. motor vehicles	286,864	293,860	260,441	264,756	293,886	325,100	160,029	154,701	107,634	125,627	137,898	195,308
Motor vehicles and equipment	276,116	184,814	298,737	391,980	406,655	366,014	106,396	93,290	111,073	137,334	143,477	140,501
Stone, clay, and glass products	235,860	248,640	270,848	280,746	295,627	295,870	95,747	84,659	79,822	77,794	84,859	93,769
Instruments and related products	89,597	96,084	52,857	58,527	65,550	70,646	379,657	409,584	376,796	404,290	417,695	430,736
Miscellaneous manufacturing industries	68,862	48,291	62,087	92,145	84,880	88,969	46,471	45,589	48,795	58,900	58,063	59,814
Transportation and public utilities	1,917,604	2,063,906	2,080,882	2,124,861	2,138,290	2,205,865	1,614,550	1,640,554	1,691,653	1,829,277	1,866,291	1,921,257
Railroad transportation	106,841	98,165	100,554	107,635	100,382	94,976	196,806	191,867	192,261	205,521	194,988	184,384
Trucking and warehousing	624,012	615,942	564,709	602,069	560,545	542,611	510,617	516,313	551,391	632,716	648,224	677,206
Water transportation	3,001	3,024	2,504	3,046	2,981	3,161	83,227	80,324	77,342	83,141	72,506	74,169
Other transportation[8]	393,986	422,692	456,927	435,714	456,355	514,256	134,375	140,140	148,760	169,326	182,580	193,087
Communication	448,998	519,220	521,255	499,120	502,640	518,317	409,525	432,702	439,870	425,401	415,911	422,109
Electric, gas, and sanitary services	340,766	404,863	434,933	477,277	515,387	532,544	280,000	279,208	282,029	313,172	352,082	370,302
Wholesale trade	1,725,957	1,851,928	1,665,990	1,686,500	1,710,294	1,575,975	1,473,200	1,436,347	1,471,461	1,600,350	1,702,830	1,782,860
Retail trade	2,455,883	2,720,412	2,844,158	2,970,716	2,990,587	2,951,283	2,271,113	2,232,492	2,397,651	2,557,815	2,652,092	2,813,927
Finance, insurance, and real estate	1,155,653	1,262,761	1,402,462	1,474,064	1,511,057	1,573,398	1,047,013	1,008,450	1,095,534	1,129,901	1,208,553	1,379,787
Banking and credit agencies	478,893	572,508	634,055	669,948	697,342	698,795	405,748	418,077	435,259	450,413	471,717	505,460
Other finance, insurance, and real estate[9]	676,760	690,253	768,407	804,116	813,715	874,603	641,265	590,373	660,275	679,488	736,836	874,327
Services	3,824,171	4,342,375	4,596,321	4,959,653	5,346,551	5,515,178	3,580,928	3,745,558	4,050,847	4,538,914	5,017,958	5,433,462
Hotels and other lodging places	95,590	101,822	110,301	111,284	106,067	110,309	124,920	120,449	125,195	135,880	139,660	148,999
Personal services	225,328	257,469	273,516	280,758	332,494	346,088	192,783	203,205	215,411	221,465	266,015	283,143
Private households	78,227	86,827	92,319	102,159	101,924	104,324	47,345	50,484	52,087	57,960	58,126	59,715
Business services	699,272	888,229	914,241	1,035,004	1,180,248	1,211,902	473,750	485,553	585,163	726,977	863,942	962,019
Auto repair, services, and garages	243,877	247,271	274,940	314,638	331,395	335,341	207,938	192,038	221,686	263,599	279,273	294,794
Miscellaneous repair services	94,552	95,230	93,986	103,218	90,344	80,005	83,729	88,845	110,039	131,979	117,158	129,920
Amusement and recreation services	63,213	69,670	72,285	84,883	89,427	87,529	70,317	71,702	75,410	86,937	102,768	102,895
Motion pictures	10,416	12,572	11,843	15,396	18,644	15,751	9,905	11,139	10,711	17,848	20,995	22,969
Health services	1,156,076	1,357,597	1,460,320	1,503,648	1,595,290	1,682,920	1,303,672	1,442,685	1,528,644	1,617,919	1,766,022	1,913,362
Legal services	245,959	311,050	357,511	421,631	466,463	501,226	238,273	273,747	308,152	361,746	393,507	431,423
Educational services	107,863	116,132	123,937	126,891	129,188	134,385	105,341	117,820	125,751	148,792	156,853	166,822
Social services	107,863	110,608	117,971	127,493	133,966	146,315	105,892	113,765	124,387	140,649	158,352	178,547
Museums, botanical, zoological gardens	2,527	2,930	3,122	2,940	2,758	2,643	4,427	4,634	5,063	5,113	5,902	6,956
Membership organizations	187,517	212,544	227,525	236,943	242,083	240,363	194,686	208,417	213,374	226,942	237,908	242,466
Miscellaneous services	505,891	472,424	462,504	492,767	526,260	516,077	417,950	361,075	349,774	395,108	451,477	489,432
Government and government enterprises	4,025,936	4,597,053	4,941,131	5,091,709	5,414,334	5,582,417	3,270,546	3,429,355	3,561,270	3,741,113	4,070,357	4,161,683
Federal, civilian	1,038,815	1,116,879	1,175,462	1,252,341	1,361,487	1,358,041	663,390	691,225	730,858	777,561	811,573	809,183
Military	511,367	598,188	648,012	668,871	699,693	714,330	59,481	73,231	83,009	84,770	98,006	112,549
State and local	2,475,754	2,881,986	3,117,657	3,170,497	3,353,154	3,510,046	2,547,675	2,664,899	2,747,403	2,878,782	3,160,778	3,239,951

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Pennsylvania						Rhode Island					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**129,113,322**	**135,944,724**	**142,182,614**	**151,386,259**	**160,733,718**	**169,387,295**	**10,000,459**	**10,643,215**	**11,457,893**	**12,505,072**	**13,265,143**	**14,194,977**
Nonfarm personal income	128,234,260	135,183,526	141,647,337	150,404,144	159,804,654	168,332,914	9,990,816	10,614,752	11,421,253	12,470,214	13,215,620	14,146,644
Farm income[1]	879,062	761,198	535,277	982,115	929,064	1,054,381	9,643	28,463	36,640	34,858	49,523	48,333
Population (thousands)[2]	11,879.2	11,882.5	11,894.5	11,891.3	11,863.7	11,889.0	952.3	953.0	954.9	960.1	966.9	974.9
Per capita personal income (dollars)	**10,869**	**11,441**	**11,954**	**12,731**	**13,548**	**14,247**	**10,502**	**11,169**	**11,999**	**13,024**	**13,720**	**14,560**
Derivation of total personal income:												
Total earnings by place of work	92,642,158	94,153,696	97,739,144	105,584,566	111,738,363	118,166,904	6,760,020	7,066,916	7,676,043	8,462,056	9,128,297	9,923,395
Less: Personal contributions for social insurance[3]	5,464,071	5,824,746	6,034,918	6,697,884	7,345,273	7,841,467	459,259	498,599	542,690	597,152	674,493	741,913
Plus: Adjustment for residence	−404,202	−94,334	−90,524	−8,491	85,170	61,039	144,273	173,263	202,707	228,329	249,802	191,954
Equals: Net earnings by place of residence	86,773,885	88,234,616	91,613,702	98,878,191	104,478,260	110,386,476	6,445,034	6,741,580	7,336,060	8,093,233	8,703,606	9,373,436
Plus: Dividends, interest, and rent[5]	20,075,296	22,331,072	23,304,842	25,395,178	27,418,477	28,731,669	1,704,722	1,864,275	1,956,858	2,208,551	2,250,298	2,403,944
Plus: Transfer payments	22,264,141	25,379,036	27,264,070	27,112,890	28,836,981	30,269,150	1,850,703	2,037,360	2,164,975	2,203,288	2,311,239	2,417,597
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	75,161,345	76,677,465	79,175,315	85,254,396	90,087,825	94,849,404	5,687,678	5,947,583	6,365,808	7,030,964	7,567,070	8,211,153
Other labor income	8,612,295	8,931,532	9,061,145	9,320,512	9,655,075	10,027,153	571,648	624,674	674,947	710,518	741,614	794,470
Proprietors' income[6]	8,868,518	8,544,699	9,502,684	11,009,658	11,995,463	13,290,347	500,694	494,659	635,288	720,574	819,613	917,772
Farm	658,420	519,968	305,663	758,071	700,747	824,916	4,464	22,476	30,864	29,173	43,770	42,540
Nonfarm	8,210,098	8,024,731	9,197,021	10,251,587	11,294,716	12,465,431	496,230	472,183	604,424	691,401	775,843	875,232
Earnings by industry:												
Farm	879,062	761,198	535,277	982,115	929,064	1,054,381	9,643	28,463	36,640	34,858	49,523	48,333
Nonfarm	91,763,096	93,392,498	97,203,867	104,602,451	110,809,299	117,112,523	6,750,377	7,038,453	7,639,403	8,427,198	9,078,774	9,875,062
Private	79,988,993	80,912,988	83,976,924	90,651,247	96,041,482	101,905,686	5,624,592	5,837,698	6,379,868	7,071,135	7,621,781	8,347,105
Agricultural services, forestry, fisheries, and other[7]	281,750	298,440	359,352	363,720	351,514	416,484	32,486	35,240	50,929	44,123	71,768	83,055
Agricultural services	268,102	295,692	327,614	331,163	325,411	385,437	15,354	16,525	19,782	22,911	23,596	27,551
Forestry, fisheries, and other[7]	13,648	2,748	31,738	32,557	26,103	31,047	17,132	18,715	31,147	21,212	48,172	55,504
Mining	1,774,876	1,788,177	1,570,714	1,701,348	1,775,542	1,686,374	26,365	25,196	18,625	20,653	28,825	29,630
Coal mining	1,255,874	1,283,647	1,131,889	1,218,492	1,133,201	1,084,271	0	0	0	0	0	0
Oil and gas extraction	419,405	402,295	336,358	379,954	517,489	489,082	24,204	(D)	(D)	18,172	25,937	(D)
Metal mining	7,309	6,157	5,810	908	1,526	2,783	0	0	0	0	0	0
Nonmetallic minerals, except fuels	92,288	96,078	96,657	101,994	123,326	110,238	2,161	(D)	(D)	2,481	2,888	(D)
Construction	5,088,515	5,262,241	5,555,527	6,022,786	6,494,885	7,335,966	294,736	316,356	359,271	423,381	489,958	576,846
Manufacturing	29,595,620	27,852,040	27,181,072	29,071,207	29,516,784	29,456,491	2,164,417	2,135,612	2,266,664	2,524,177	2,541,604	2,659,073
Nondurable goods	9,417,518	9,660,401	10,034,799	10,507,250	10,849,564	11,155,535	650,699	663,878	698,526	760,528	774,014	815,542
Food and kindred products	1,827,670	1,907,131	1,959,026	2,037,061	2,130,252	2,207,227	51,161	53,112	56,800	60,343	62,404	67,714
Textile mill products	587,823	557,341	573,021	562,088	526,613	553,260	179,631	174,258	188,803	201,454	194,395	201,250
Apparel and other textile products	1,311,947	1,276,199	1,333,000	1,397,091	1,290,979	1,237,926	46,553	45,422	44,525	46,389	44,256	46,226
Paper and allied products	988,004	1,020,398	1,077,275	1,150,654	1,210,342	1,273,176	44,825	41,062	45,765	51,157	50,346	52,467
Printing and publishing	1,363,519	1,430,972	1,531,225	1,616,691	1,777,198	1,924,457	109,320	118,781	122,958	140,922	154,245	168,717
Chemicals and allied products	1,677,607	1,788,592	1,884,504	1,990,405	2,149,896	2,244,656	68,876	75,622	76,238	84,619	86,046	89,546
Petroleum and coal products	718,220	761,443	732,667	685,814	691,724	600,669	1,159	2,564	3,779	5,227	8,255	7,118
Tobacco manufactures	45,230	41,154	39,317	41,545	40,886	40,582	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	700,008	690,576	721,277	844,361	866,208	912,166	108,843	116,175	121,570	130,987	137,960	142,256
Leather and leather products	197,490	186,595	183,487	181,540	165,466	161,416	40,312	36,879	38,077	39,416	36,100	40,241
Durable goods	20,178,102	18,191,639	17,146,273	18,563,957	18,667,220	18,300,956	1,513,718	1,471,734	1,568,138	1,763,649	1,767,590	1,843,531
Lumber and wood products	354,875	316,002	383,130	439,220	487,800	575,885	19,729	21,531	25,627	25,704	24,984	28,023
Furniture and fixtures	311,589	330,459	354,813	402,259	428,416	443,124	17,286	18,845	22,723	25,479	30,673	34,193
Primary metal industries	5,995,203	4,721,852	4,037,043	4,124,286	3,756,119	3,334,257	164,626	148,775	151,737	202,370	149,698	147,468
Fabricated metal products	2,492,653	2,345,856	2,191,708	2,399,809	2,510,874	2,568,609	170,122	171,817	179,760	191,101	197,223	199,870
Machinery, except electrical	3,379,769	3,204,814	2,879,683	3,245,439	3,429,769	3,273,635	194,182	167,216	150,311	156,997	138,515	148,596
Electric and electronic equipment	2,669,452	2,678,008	2,673,571	2,836,863	2,839,776	2,788,533	197,016	206,193	233,239	276,037	288,173	313,643
Transportation equip. exc. motor vehicles	1,445,341	1,237,277	1,158,019	1,240,274	1,316,064	1,394,863	129,455	147,804	185,954	215,768	230,765	225,426
Motor vehicles and equipment	768,325	711,262	786,771	954,906	908,827	845,058	32,801	33,981	34,333	35,159	28,370	39,005
Stone, clay, and glass products	1,351,641	1,278,742	1,279,586	1,340,900	1,384,846	1,420,457	56,907	44,843	51,008	51,489	51,480	54,813
Instruments and related products	924,310	923,202	921,191	1,006,835	1,040,938	1,041,055	90,287	88,669	88,883	98,894	118,847	110,695
Miscellaneous manufacturing industries	484,944	444,165	480,758	573,166	563,791	615,480	441,307	422,060	444,563	484,651	508,862	541,799
Transportation and public utilities	7,038,894	7,158,879	7,250,721	7,707,649	7,878,370	8,199,334	312,808	338,974	352,969	366,770	388,406	421,804
Railroad transportation	1,001,217	826,620	697,058	740,828	728,515	701,696	15,170	13,318	12,251	(D)	(D)	(D)
Trucking and warehousing	2,049,868	1,984,493	1,938,872	2,166,019	2,138,719	2,211,990	77,166	76,552	81,628	90,412	93,204	99,902
Water transportation	277,672	280,032	260,338	221,846	193,364	178,474	9,124	10,807	10,518	12,314	13,580	17,088
Other transportation[8]	700,736	774,724	824,262	902,333	989,123	1,051,441	32,717	36,170	39,478	(D)	(D)	(D)
Communication	1,515,067	1,652,702	1,759,204	1,786,787	1,680,687	1,765,170	113,452	130,921	135,107	126,286	130,658	141,977
Electric, gas, and sanitary services	1,494,334	1,640,308	1,770,987	1,889,836	2,147,962	2,290,563	65,179	71,206	73,987	80,628	89,241	94,277
Wholesale trade	5,429,732	5,615,130	5,798,208	6,332,942	6,760,280	7,138,101	370,486	378,080	408,527	448,166	508,088	555,191
Retail trade	8,546,920	8,764,572	9,509,296	9,977,940	10,590,909	11,473,697	657,905	687,127	773,612	842,530	931,834	1,030,789
Finance, insurance, and real estate	4,508,421	4,537,753	5,268,595	5,665,148	6,246,337	7,404,622	382,853	390,621	456,546	493,686	541,918	641,285
Banking and credit agencies	1,664,556	1,828,531	2,004,338	2,163,652	2,360,964	2,610,857	150,482	168,820	176,122	194,448	214,245	244,561
Other finance, insurance, and real estate[9]	2,843,865	2,709,222	3,264,257	3,501,496	3,885,373	4,793,765	232,371	221,801	280,424	299,238	327,673	396,724
Services	17,724,265	19,635,756	21,483,439	23,808,507	26,426,861	28,794,617	1,382,536	1,530,492	1,692,725	1,907,649	2,119,380	2,349,432
Hotels and other lodging places	427,217	435,615	489,936	526,724	574,500	614,274	23,207	22,539	27,836	30,506	35,944	36,774
Personal services	750,008	842,425	908,595	958,291	1,152,872	1,233,259	55,060	59,924	71,761	78,169	95,293	105,498
Private households	216,740	231,357	239,958	265,626	265,060	271,837	18,391	19,675	20,455	22,772	22,927	23,660
Business services	2,414,313	2,805,649	3,142,533	3,823,528	4,558,332	5,096,047	173,473	199,184	226,136	275,353	315,427	374,120
Auto repair, services, and garages	846,776	831,796	936,318	1,065,528	1,154,544	1,238,286	52,192	56,082	57,157	67,518	74,631	84,130
Miscellaneous repair services	301,174	334,231	391,475	445,507	427,774	435,862	21,944	24,231	29,577	36,402	35,009	39,083
Amusement and recreation services	359,947	391,695	439,341	490,952	545,378	550,057	30,057	32,891	35,521	37,336	43,138	46,009
Motion pictures	50,193	53,279	51,432	65,382	72,756	79,151	2,486	2,612	2,917	3,152	3,289	3,191
Health services	6,514,193	7,540,716	8,273,329	8,873,556	9,607,473	10,432,381	547,618	618,411	669,401	727,694	799,068	853,935
Legal services	1,074,692	1,299,930	1,443,153	1,694,127	1,864,167	2,075,145	85,771	95,667	113,112	140,586	152,131	175,296
Educational services	1,522,582	1,586,618	1,714,325	1,888,495	2,020,393	2,174,491	136,273	154,376	172,934	187,641	201,783	220,380
Social services	599,287	620,620	668,754	712,075	798,743	934,545	63,666	65,395	68,080	74,221	84,325	94,516
Museums, botanical, zoological gardens	21,541	22,822	24,913	26,131	27,997	30,059	322	380	406	645	2,374	2,495
Membership organizations	772,255	843,385	889,644	925,785	969,084	1,006,687	57,444	63,774	68,697	73,369	72,883	78,541
Miscellaneous services	1,853,347	1,795,618	1,869,733	2,046,800	2,387,788	2,622,536	114,632	115,351	128,735	152,285	181,158	211,804
Government and government enterprises	11,774,103	12,479,510	13,226,943	13,951,204	14,767,817	15,206,837	1,125,785	1,200,755	1,259,535	1,356,063	1,456,993	1,527,957
Federal, civilian	3,012,052	3,165,522	3,359,015	3,541,121	3,777,567	3,717,349	218,299	233,366	251,885	262,273	276,519	279,533
Military	469,977	490,078	566,708	568,316	627,342	629,869	136,277	150,899	142,865	146,664	167,479	186,503
State and local	8,292,074	8,823,910	9,301,220	9,841,767	10,362,908	10,859,619	771,209	816,490	864,785	947,126	1,012,995	1,061,921

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	South Carolina						South Dakota					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**26,676,420**	**28,047,670**	**30,329,446**	**33,475,940**	**35,796,709**	**38,101,508**	**6,397,697**	**6,590,241**	**6,760,061**	**7,483,422**	**7,813,337**	**8,356,663**
Nonfarm personal income	26,427,379	27,790,956	30,253,217	33,141,092	35,555,289	37,921,647	5,762,613	6,105,126	6,489,999	6,880,480	7,136,636	7,474,600
Farm income[1]	249,041	256,714	76,229	334,848	241,420	179,861	635,084	485,115	270,062	602,942	676,701	882,063
Population (thousands)[2]	3,184.6	3,219.0	3,252.3	3,295.4	3,333.5	3,375.6	691.7	694.5	698.9	705.2	708.2	708.0
Per capita personal income (dollars)	**8,377**	**8,713**	**9,325**	**10,158**	**10,739**	**11,287**	**9,249**	**9,489**	**9,672**	**10,612**	**11,032**	**11,804**
Derivation of total personal income:												
Total earnings by place of work	20,132,135	20,770,635	22,450,786	25,099,381	26,637,804	28,414,207	4,435,129	4,375,797	4,420,051	5,078,883	5,349,973	5,788,802
Less: Personal contributions for social insurance[3]	1,124,630	1,203,631	1,293,251	1,442,779	1,602,180	1,723,243	251,952	267,720	276,117	301,371	332,042	350,924
Plus: Adjustment for residence	301,930	335,388	350,339	380,011	446,556	474,180	15,679	18,035	14,566	8,669	12,175	8,426
Equals: Net earnings by place of residence	19,309,435	19,902,392	21,507,874	24,036,613	25,482,180	27,165,144	4,198,856	4,126,112	4,158,500	4,786,181	5,030,106	5,446,304
Plus: Dividends, interest, and rent[4]	3,119,439	3,469,808	3,826,977	4,279,590	4,689,724	5,015,624	1,241,000	1,398,303	1,454,094	1,481,741	1,508,362	1,565,665
Plus: Transfer payments	4,247,546	4,675,470	4,994,595	5,159,737	5,624,805	5,920,740	957,841	1,065,826	1,147,467	1,215,500	1,274,869	1,344,694
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	16,898,871	17,603,695	19,049,269	21,052,263	22,392,906	23,886,669	3,009,361	3,102,966	3,264,013	3,496,181	3,635,572	3,792,107
Other labor income	1,532,429	1,670,791	1,817,951	1,951,127	2,032,058	2,141,239	258,106	284,064	305,716	319,930	326,200	339,435
Proprietors' income[5]	1,700,835	1,496,149	1,583,566	2,095,991	2,212,840	2,386,299	1,167,662	988,767	850,322	1,262,772	1,388,201	1,657,260
Farm	171,482	175,448	−2,038	258,024	164,072	102,502	561,928	408,130	195,666	529,526	602,233	807,281
Nonfarm	1,529,353	1,320,701	1,585,604	1,837,967	2,048,768	2,283,797	605,734	580,637	654,656	733,246	785,968	849,979
Earnings by industry:												
Farm	249,041	256,714	76,229	334,848	241,420	179,861	635,084	485,115	270,062	602,942	676,701	882,063
Nonfarm	19,883,094	20,513,921	22,374,557	24,764,533	26,396,384	28,234,346	3,800,045	3,890,682	4,149,989	4,475,941	4,673,272	4,906,739
Private	15,708,560	15,954,036	17,517,879	19,563,420	20,752,842	22,220,910	2,986,776	3,024,281	3,238,961	3,517,071	3,663,169	3,854,945
Agricultural services, forestry, fisheries, and other[7]	89,613	88,062	109,969	113,209	120,855	135,026	35,146	37,601	49,220	46,948	37,724	40,609
Agricultural services	61,508	61,748	66,791	74,244	80,121	92,720	33,766	37,788	43,929	43,096	34,355	36,540
Forestry, fisheries, and other[7]	28,105	26,314	43,178	38,965	40,734	42,306	1,380	−187	5,291	3,852	3,369	4,069
Mining	73,617	66,278	64,569	70,840	90,819	89,902	84,997	75,413	81,381	86,053	88,445	92,065
Coal mining	131	(D)	(D)	(D)	(D)	(D)	258	425	512	646	698	718
Oil and gas extraction	42,503	34,176	29,566	32,157	52,017	53,126	14,846	12,419	9,653	10,425	13,252	12,843
Metal mining	0	(D)	(D)	(D)	(D)	(D)	50,367	43,361	50,038	52,991	53,725	58,521
Nonmetallic minerals, except fuels	30,983	31,774	34,679	38,029	37,832	35,596	19,526	19,208	21,178	21,991	20,770	19,983
Construction	1,323,640	1,310,893	1,490,334	1,770,736	1,865,559	2,047,118	263,405	235,238	248,582	277,635	293,678	316,833
Manufacturing	6,487,246	6,393,823	6,926,973	7,578,313	7,702,846	8,054,469	454,182	457,517	491,471	539,188	533,413	575,074
Nondurable goods	4,395,201	4,350,809	4,693,742	4,989,010	5,041,313	5,289,083	237,961	244,211	253,407	246,810	242,832	265,100
Food and kindred products	207,600	225,679	234,270	253,327	274,295	290,168	172,675	179,299	180,672	168,234	158,847	179,742
Textile mill products	2,003,382	1,827,671	1,943,851	2,012,765	1,921,089	2,022,451	50	80	300	69	148	389
Apparel and other textile products	461,877	456,713	502,566	533,594	501,461	524,349	15,750	15,076	17,890	20,248	19,797	17,078
Paper and allied products	347,583	373,163	420,154	476,710	505,671	545,512	3,179	2,840	3,268	3,924	4,626	(D)
Printing and publishing	122,787	132,050	147,901	166,521	184,777	198,182	31,215	32,239	34,709	35,887	38,466	40,178
Chemicals and allied products	799,437	861,280	951,406	1,010,011	1,074,358	1,102,171	3,748	4,429	4,182	3,850	5,396	6,351
Petroleum and coal products	9,584	12,455	14,519	14,818	12,928	14,921	448	(L)	67	52	(L)	(L)
Tobacco manufactures	7,561	8,641	9,748	9,765	9,524	8,333	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	430,420	448,599	465,942	507,567	553,333	579,248	9,313	9,156	11,225	13,734	15,062	16,280
Leather and leather products	4,970	4,558	3,385	3,932	3,877	3,748	1,574	1,057	1,089	806	471	(D)
Durable goods	2,092,045	2,043,014	2,233,231	2,589,303	2,661,533	2,765,386	216,221	213,306	238,064	292,378	290,581	309,974
Lumber and wood products	217,699	194,573	228,848	257,910	274,047	294,746	20,764	19,520	24,457	28,445	29,855	34,432
Furniture and fixtures	62,546	57,515	68,570	77,191	80,520	72,151	1,383	1,289	1,547	2,240	2,508	3,131
Primary metal industries	183,576	156,496	169,304	216,844	230,133	239,726	1,902	2,753	4,599	6,311	6,177	7,245
Fabricated metal products	264,662	258,518	278,471	317,844	333,810	344,567	22,362	22,372	22,515	22,222	23,517	26,962
Machinery, except electrical	562,355	557,193	593,030	687,609	691,896	722,244	66,452	61,310	64,134	84,090	83,039	88,039
Electric and electronic equipment	336,662	369,340	369,723	436,452	432,616	438,262	28,618	32,718	40,245	54,329	45,534	43,896
Transportation equip. exc. motor vehicles	67,223	68,197	76,528	91,792	101,202	97,780	1,898	1,613	1,901	3,222	2,611	3,183
Motor vehicles and equipment	44,043	35,045	56,317	70,535	76,009	86,997	16,114	13,471	13,679	16,109	16,555	18,476
Stone, clay, and glass products	208,855	205,590	234,113	258,832	263,509	276,766	20,809	19,754	20,393	23,391	23,730	24,247
Instruments and related products	87,276	87,555	104,141	113,107	117,363	125,196	27,929	28,961	31,940	35,437	37,999	40,342
Miscellaneous manufacturing industries	57,148	52,992	54,186	61,187	60,428	66,951	7,990	9,545	12,654	16,582	19,056	20,021
Transportation and public utilities	1,259,183	1,368,685	1,490,757	1,614,731	1,659,733	1,694,568	358,208	369,767	377,983	419,953	424,527	432,306
Railroad transportation	115,409	118,439	128,995	138,863	131,010	121,662	32,361	30,917	31,508	33,212	29,278	27,685
Trucking and warehousing	323,530	320,828	353,887	410,265	424,996	447,894	174,585	176,066	178,134	212,505	208,336	216,213
Water transportation	45,063	42,862	43,469	50,379	52,190	53,690	(L)	(L)	(L)	(L)	78	148
Other transportation[8]	87,143	92,589	100,283	108,806	121,662	138,732	20,915	23,455	25,330	26,704	26,911	28,438
Communication	341,433	367,849	373,577	356,533	373,906	387,146	76,090	79,174	80,786	77,831	81,651	79,723
Electric, gas, and sanitary services	346,605	426,118	490,546	549,885	555,969	545,444	54,236	60,139	62,202	69,678	78,273	80,099
Wholesale trade	994,544	993,945	1,020,332	1,159,741	1,259,491	1,315,627	326,825	322,626	322,813	347,088	350,508	349,454
Retail trade	1,902,336	1,970,077	2,221,525	2,472,754	2,693,506	2,938,633	502,965	504,129	539,835	567,141	587,513	601,800
Finance, insurance, and real estate	816,427	839,282	955,100	1,063,485	1,175,771	1,322,607	201,685	213,705	242,278	265,495	293,340	320,225
Banking and credit agencies	321,419	357,495	396,748	437,507	482,725	525,204	99,955	114,518	127,643	140,540	159,097	165,847
Other finance, insurance, and real estate[9]	495,008	481,787	558,352	625,978	693,046	797,403	101,730	99,187	114,635	124,955	134,243	154,378
Services	2,761,954	2,922,991	3,238,320	3,719,611	4,184,262	4,622,960	759,363	808,285	885,398	967,570	1,054,021	1,126,579
Hotels and other lodging places	144,382	158,014	177,705	189,502	201,736	232,731	24,376	25,768	28,217	29,718	31,286	32,153
Personal services	153,537	166,959	177,686	193,747	229,616	249,345	46,616	52,234	56,772	58,429	72,435	76,921
Private households	145,416	157,369	164,566	184,651	186,844	193,798	12,579	13,427	13,987	15,573	15,626	15,974
Business services	301,947	344,274	398,398	504,104	607,720	693,480	61,915	71,003	80,301	94,615	112,576	121,897
Auto repair, services, and garages	148,741	134,517	158,021	187,862	207,115	227,315	42,514	40,086	45,352	52,397	56,224	59,126
Miscellaneous repair services	69,371	74,482	78,274	94,916	97,396	103,581	17,190	19,024	24,999	28,976	24,011	24,913
Amusement and recreation services	58,502	68,137	77,171	89,259	102,976	106,817	13,797	13,733	15,405	16,983	18,537	19,633
Motion pictures	6,981	7,522	9,188	9,043	10,996	9,921	2,012	1,981	1,980	2,277	2,470	2,443
Health services	730,153	823,851	897,089	995,341	1,108,501	1,223,650	311,903	359,043	392,131	417,773	448,510	476,582
Legal services	171,174	193,472	220,223	269,594	297,035	346,450	40,290	42,220	44,810	53,059	58,306	64,198
Educational services	109,741	119,438	125,803	138,923	147,277	159,467	33,523	36,043	38,654	41,274	41,670	43,235
Social services	72,052	71,904	78,058	84,826	95,930	112,677	28,470	28,234	30,189	33,239	36,812	44,744
Museums, botanical, zoological gardens	1,274	1,400	1,417	917	1,259	1,633	68	78	77	69	72	77
Membership organizations	143,404	157,160	161,975	167,566	170,830	170,224	53,973	52,195	53,900	56,440	57,845	59,451
Miscellaneous services	505,279	444,492	512,746	609,360	719,031	791,871	70,137	53,216	58,624	66,748	77,641	85,232
Government and government enterprises	4,174,534	4,559,885	4,856,678	5,201,113	5,643,542	6,013,436	813,269	866,401	911,028	958,870	1,010,103	1,051,794
Federal, civilian	755,988	809,622	881,599	930,734	964,709	971,352	211,106	215,819	227,270	239,816	250,468	256,396
Military	1,002,960	1,177,084	1,255,506	1,299,336	1,354,049	1,388,771	108,304	123,824	131,133	135,699	140,050	147,000
State and local	2,415,586	2,573,179	2,719,573	2,971,043	3,324,784	3,653,313	493,859	526,758	552,625	583,355	619,585	648,398

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Tennessee						Texas					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**40,871,649**	**42,968,986**	**45,744,807**	**50,359,948**	**53,864,439**	**57,608,856**	**164,223,574**	**179,673,196**	**188,888,019**	**205,505,430**	**221,074,516**	**224,966,322**
Nonfarm personal income	40,243,845	42,366,993	45,489,663	49,650,331	53,255,649	57,117,771	162,063,996	177,415,216	186,356,567	202,997,072	218,448,005	222,446,284
Farm income[1]	627,804	601,993	255,144	709,617	608,790	491,085	2,159,578	2,257,980	2,531,452	2,508,358	2,626,511	2,520,038
Population (thousands)[2]	4,638.5	4,666.4	4,690.9	4,728.9	4,767.4	4,802.8	14,762.8	15,371.9	15,813.8	16,079.0	16,383.0	16,681.7
Per capita personal income (dollars)	**8,811**	**9,208**	**9,752**	**10,649**	**11,298**	**11,995**	**11,124**	**11,688**	**11,944**	**12,781**	**13,494**	**13,486**
Derivation of total personal income:												
Total earnings by place of work	31,275,553	32,273,770	34,297,891	38,171,509	40,914,250	43,948,855	130,003,914	140,593,572	146,805,230	159,858,743	171,049,769	171,784,791
Less: Personal contributions for social insurance[3]	1,878,914	2,011,461	2,014,184	2,213,577	2,486,021	2,701,037	6,651,300	7,318,897	7,747,067	8,477,920	9,489,705	9,620,749
Plus: Adjustment for residence	−490,349	−413,055	−440,712	−467,176	−522,537	−635,243	−380,080	−484,273	−426,722	−391,706	−515,945	−452,089
Equals: Net earnings by place of residence	28,906,290	29,849,254	31,842,995	35,490,756	37,905,692	40,612,575	122,972,534	132,790,402	138,631,441	150,989,117	161,044,119	161,711,953
Plus: Dividends, interest, and rent[5]	5,431,694	5,930,346	6,194,131	6,933,550	7,411,261	7,922,844	23,630,158	26,837,995	27,887,772	31,349,561	34,700,886	35,910,807
Plus: Transfer payments	6,533,665	7,189,386	7,707,681	7,935,642	8,547,486	9,073,437	17,620,882	20,044,799	22,368,806	23,166,752	25,329,511	27,343,562
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	25,316,074	26,168,911	27,843,610	30,584,171	32,823,080	35,241,331	105,270,157	114,558,325	118,138,398	128,725,780	137,659,471	137,331,918
Other labor income	2,454,280	2,663,624	2,853,924	3,007,782	3,162,442	3,383,934	10,698,331	12,057,965	12,481,307	12,915,913	13,280,737	13,240,774
Proprietors' income[6]	3,505,199	3,441,235	3,600,357	4,579,556	4,928,728	5,323,590	14,035,426	13,977,282	16,185,525	18,217,050	20,109,561	21,212,099
Farm	530,816	492,685	150,025	606,494	504,860	386,123	1,712,454	1,761,116	2,053,083	2,038,303	2,150,168	2,041,292
Nonfarm	2,974,383	2,948,550	3,450,332	3,973,062	4,423,868	4,937,467	12,322,972	12,216,166	14,132,442	16,178,747	17,959,393	19,170,807
Earnings by industry:												
Farm	627,804	601,993	255,144	709,617	608,790	491,085	2,159,578	2,257,980	2,531,452	2,508,358	2,626,511	2,520,038
Nonfarm	30,647,749	31,671,777	34,042,747	37,461,892	40,305,460	43,457,770	127,844,336	138,335,592	144,273,778	157,350,385	168,423,258	169,264,753
Private	25,497,630	26,417,827	28,550,925	31,682,782	34,060,756	36,874,012	110,298,118	118,763,169	122,810,350	134,265,444	143,025,163	142,914,543
Agricultural services, forestry, fisheries, and other[7]	113,186	116,520	147,753	146,935	140,183	155,499	634,011	663,782	758,554	749,468	792,207	800,770
Agricultural services	104,662	111,199	132,968	133,523	126,014	139,805	578,237	622,703	664,036	693,014	704,663	710,116
Forestry, fisheries, and other[7]	8,524	5,321	14,785	13,412	14,169	15,694	55,774	41,079	94,518	56,454	87,544	90,654
Mining	297,542	275,088	250,168	260,499	290,424	285,524	9,509,868	10,413,374	9,634,605	10,134,047	10,305,529	8,709,505
Coal mining	127,927	124,163	103,519	109,964	111,941	105,236	37,642	42,993	43,658	59,514	65,120	194,852
Oil and gas extraction	80,911	74,973	59,920	58,609	77,806	80,268	9,232,500	10,136,092	9,358,409	9,854,007	10,029,813	8,364,408
Metal mining	38,108	24,159	27,006	26,003	28,825	33,628	46,575	41,716	30,029	19,946	20,262	18,066
Nonmetallic minerals, except fuels	50,596	51,793	59,723	65,923	71,852	66,392	193,151	192,573	202,509	200,580	190,334	132,179
Construction	1,772,927	1,864,993	1,951,911	2,267,451	2,516,635	2,841,289	11,692,235	12,622,490	13,147,919	14,254,090	14,580,825	14,095,585
Manufacturing	8,893,366	8,784,159	9,454,777	10,366,367	10,733,830	11,229,473	25,153,948	25,327,619	24,538,828	26,401,209	27,701,305	27,193,003
Nondurable goods	4,790,774	4,859,985	5,158,059	5,058,953	5,153,761	5,337,601	9,740,664	10,215,236	10,567,649	11,042,265	11,343,775	11,342,334
Food and kindred products	706,309	759,934	772,186	820,648	879,202	920,773	1,822,515	1,929,720	1,984,285	2,079,323	2,170,283	2,287,228
Textile mill products	343,117	328,782	372,544	390,510	355,263	377,512	85,716	(D)	(D)	85,518	85,100	83,767
Apparel and other textile products	663,453	627,988	688,064	733,298	713,416	743,822	785,083	728,203	742,008	790,417	769,577	725,782
Paper and allied products	388,364	403,964	429,818	471,839	504,018	534,178	540,656	546,532	577,432	664,393	677,321	689,399
Printing and publishing	407,721	440,334	495,160	539,669	584,371	645,456	1,161,689	1,290,019	1,381,467	1,527,957	1,667,437	1,737,117
Chemicals and allied products	1,499,153	1,593,346	1,637,261	1,274,951	1,315,230	1,311,314	2,541,533	2,733,477	2,838,196	2,922,554	3,104,333	3,121,670
Petroleum and coal products	22,049	21,651	28,878	27,104	25,454	27,159	2,005,244	2,119,946	2,144,671	2,067,865	1,950,179	1,796,816
Tobacco manufactures	31,571	36,770	39,218	40,333	45,363	39,945	2,407	(D)	(D)	2,556	3,458	3,419
Rubber and misc. plastic products	453,812	433,526	497,800	572,812	589,224	605,756	657,181	656,055	692,816	789,708	806,578	792,806
Leather and leather products	275,225	213,690	197,130	187,789	142,220	131,686	138,640	128,710	117,518	111,974	109,509	104,330
Durable goods	4,102,592	3,924,174	4,296,718	5,307,414	5,580,069	5,891,872	15,413,284	15,112,383	13,971,179	15,358,944	16,357,530	15,850,669
Lumber and wood products	261,379	233,939	281,734	320,422	321,493	344,405	603,621	627,952	736,026	812,710	806,193	764,524
Furniture and fixtures	276,710	275,562	318,930	372,843	408,783	416,298	233,581	241,831	269,434	309,163	312,962	319,208
Primary metal industries	459,273	417,260	424,712	496,158	477,825	508,058	1,450,736	1,236,989	999,804	1,120,821	1,011,127	913,300
Fabricated metal products	602,163	570,233	594,015	927,733	999,186	1,038,478	2,199,567	2,123,094	1,880,084	2,008,297	2,067,321	1,943,513
Machinery, except electrical	716,996	669,603	694,033	854,053	905,248	922,450	4,790,028	4,597,951	3,511,369	3,751,562	3,995,082	3,269,204
Electric and electronic equipment	681,963	637,806	704,439	800,753	808,297	816,022	2,181,308	2,354,390	2,505,408	2,858,669	3,347,673	3,547,121
Transportation equip. exc. motor vehicles	256,761	261,738	309,340	342,306	385,541	447,511	1,893,271	1,860,109	1,806,618	1,930,405	2,176,260	2,519,031
Motor vehicles and equipment	259,586	265,066	314,061	433,234	472,660	545,196	339,452	305,599	380,925	454,779	467,477	396,203
Stone, clay, and glass products	295,616	274,839	307,979	371,258	389,343	412,992	935,592	970,473	1,039,126	1,151,930	1,203,734	1,207,421
Instruments and related products	126,966	159,948	171,080	189,648	210,538	223,435	497,035	543,399	536,700	574,896	598,880	595,458
Miscellaneous manufacturing industries	165,179	158,180	176,395	199,006	201,155	217,027	289,093	250,596	305,685	385,712	370,821	375,686
Transportation and public utilities	2,195,668	2,277,589	2,417,110	2,672,731	2,838,854	3,050,478	10,334,987	10,936,677	11,016,849	11,936,119	12,790,237	12,927,376
Railroad transportation	287,867	284,617	296,583	316,171	299,654	279,628	906,566	863,215	856,132	936,501	893,121	843,141
Trucking and warehousing	903,209	901,401	948,452	1,087,504	1,116,591	1,182,413	2,565,515	2,585,094	2,416,060	2,724,708	2,718,527	2,696,230
Water transportation	34,091	23,947	21,635	24,047	27,636	26,681	565,905	525,198	445,402	442,861	423,080	388,082
Other transportation[8]	338,532	380,297	443,363	536,752	629,853	762,871	1,865,123	2,021,653	2,066,132	2,256,760	2,493,174	2,681,196
Communication	536,029	575,999	587,565	571,302	610,184	633,085	2,341,532	2,705,507	2,817,591	2,769,038	2,969,203	3,014,843
Electric, gas, and sanitary services	95,940	111,328	119,512	136,955	154,936	165,800	2,090,346	2,236,010	2,415,532	2,806,251	3,293,132	3,303,884
Wholesale trade	2,176,684	2,225,222	2,318,962	2,557,795	2,774,215	2,962,394	10,349,817	11,140,565	10,972,273	11,715,985	12,461,780	12,404,040
Retail trade	3,169,144	3,386,915	3,706,773	3,995,670	4,340,238	4,709,747	13,250,746	14,438,593	15,652,510	17,010,828	18,024,163	18,127,854
Finance, insurance, and real estate	1,439,350	1,524,947	1,733,993	1,896,200	2,104,672	2,434,718	7,117,183	7,966,236	9,398,335	10,714,762	11,827,936	12,521,739
Banking and credit agencies	539,596	593,184	655,758	721,517	783,298	854,504	2,360,287	2,847,168	3,312,664	3,747,644	4,182,966	4,374,382
Other finance, insurance, and real estate[9]	899,754	931,763	1,078,235	1,174,683	1,321,374	1,580,214	4,756,896	5,119,068	6,085,671	6,967,118	7,644,970	8,147,357
Services	5,439,763	5,962,394	6,569,478	7,519,134	8,321,705	9,204,890	22,255,323	25,253,833	27,690,477	31,348,936	34,541,181	36,134,671
Hotels and other lodging places	256,398	282,820	279,316	320,278	336,719	363,472	731,790	773,998	926,476	986,689	973,277	1,027,098
Personal services	325,098	348,191	397,805	422,387	513,549	570,066	1,253,760	1,421,558	1,555,303	1,657,296	1,913,410	1,969,186
Private households	150,868	161,931	168,455	187,886	189,341	195,153	580,943	645,011	687,871	774,367	788,841	822,067
Business services	755,871	898,469	1,013,871	1,350,574	1,568,739	1,796,263	4,791,154	5,657,068	6,294,993	7,338,038	8,585,799	8,902,162
Auto repair, services, and garages	261,944	255,348	297,264	349,222	389,207	419,338	1,153,679	1,161,444	1,275,098	1,469,205	1,573,321	1,592,836
Miscellaneous repair services	108,621	111,311	140,374	166,593	151,591	167,385	601,672	632,891	630,630	722,111	664,273	630,650
Amusement and recreation services	126,503	154,172	154,899	160,117	183,450	198,704	401,552	451,554	508,279	598,915	671,727	675,351
Motion pictures	20,600	22,970	27,846	30,124	30,344	30,713	92,896	98,791	101,438	115,109	131,348	136,895
Health services	2,089,294	2,369,477	2,630,547	2,863,983	3,109,725	3,416,698	6,136,370	7,250,296	7,969,891	8,554,341	9,220,278	9,848,491
Legal services	275,922	308,341	344,831	421,008	469,331	530,891	1,513,676	1,858,425	2,216,652	2,691,995	3,069,891	3,409,490
Educational services	228,478	244,321	262,346	298,918	321,367	348,746	552,813	628,474	706,407	801,630	873,132	943,478
Social services	99,843	94,376	98,673	111,605	126,632	139,595	423,072	445,397	488,803	568,520	637,233	655,266
Museums, botanical, zoological gardens	1,871	2,110	2,561	2,783	3,616	4,078	15,867	19,238	21,857	25,776	28,707	33,224
Membership organizations	251,523	269,177	274,629	285,958	296,667	302,381	820,574	933,765	998,457	1,069,883	1,136,297	1,177,143
Miscellaneous services	486,929	439,380	476,061	547,698	631,427	721,407	3,185,505	3,275,923	3,308,322	3,975,061	4,273,647	4,311,334
Government and government enterprises	5,150,119	5,253,950	5,491,822	5,779,110	6,244,704	6,583,758	17,546,218	19,572,423	21,463,428	23,084,941	25,398,095	26,350,210
Federal, civilian	1,707,814	1,616,712	1,645,567	1,672,424	1,759,127	1,755,947	3,724,559	3,960,482	4,245,791	4,644,449	5,094,739	5,118,967
Military	245,342	277,467	289,734	306,055	318,221	317,670	2,314,456	2,555,776	2,662,891	2,740,877	2,948,558	3,031,106
State and local	3,196,963	3,359,771	3,556,521	3,800,631	4,167,356	4,510,141	11,507,203	13,056,165	14,554,746	15,699,615	17,354,798	18,200,137

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Utah						Vermont					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**13,124,686**	**14,091,124**	**14,997,712**	**16,425,857**	**17,553,365**	**18,296,370**	**4,940,677**	**5,266,591**	**5,591,109**	**6,122,074**	**6,633,382**	**7,218,705**
Nonfarm personal income	13,019,632	13,990,384	14,936,149	16,314,949	17,457,503	18,153,080	4,795,082	5,112,461	5,491,839	6,018,920	6,518,218	7,094,516
Farm income[1]	105,054	100,740	61,563	110,908	95,862	143,290	145,595	154,130	99,270	103,154	115,164	124,189
Population (thousands)[2]	1,515.6	1,558.8	1,596.0	1,623.8	1,645.1	1,665.4	515.8	520.3	525.6	530.1	535.2	540.9
Per capita personal income (dollars)	**8,660**	**9,040**	**9,397**	**10,115**	**10,670**	**10,986**	**9,578**	**10,123**	**10,638**	**11,549**	**12,394**	**13,346**
Derivation of total personal income:												
Total earnings by place of work	10,331,199	10,914,932	11,525,638	12,780,234	13,599,707	14,107,930	3,448,744	3,616,661	3,887,043	4,255,561	4,676,773	5,135,639
Less: Personal contributions for social insurance[3]	607,473	661,100	673,024	738,743	801,457	832,160	186,995	191,961	194,336	215,753	249,184	276,912
Plus: Adjustment for residence	52,586	69,540	51,435	57,769	74,250	73,035	8,793	23,972	16,467	33,290	38,214	61,750
Equals: Net earnings by place of residence	9,776,312	10,323,372	10,904,049	12,099,260	12,872,500	13,348,805	3,270,542	3,448,672	3,709,174	4,073,098	4,465,803	4,920,477
Plus: Dividends, interest, and rent[5]	1,626,238	1,798,805	1,948,640	2,147,192	2,319,361	2,439,014	838,423	899,669	957,767	1,099,754	1,166,515	1,260,298
Plus: Transfer payments	1,722,136	1,968,947	2,145,023	2,179,405	2,361,504	2,508,551	831,712	918,250	924,168	949,222	1,001,064	1,037,930
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,613,349	9,131,803	9,612,973	10,611,523	11,290,512	11,639,776	2,688,488	2,858,872	3,081,652	3,368,130	3,691,081	4,038,422
Other labor income	808,710	912,938	966,108	1,028,845	1,069,265	1,084,347	270,206	295,560	321,490	338,767	363,095	392,763
Proprietors' income[6]	909,140	870,191	946,557	1,139,866	1,239,930	1,383,807	490,050	462,229	483,901	548,664	622,597	704,454
Farm	61,361	51,298	13,768	63,746	48,033	95,055	115,011	122,800	69,021	73,460	85,228	94,138
Nonfarm	847,779	818,893	932,789	1,076,120	1,191,897	1,288,752	375,039	339,429	414,880	475,204	537,369	610,316
Earnings by industry:												
Farm	105,054	100,740	61,563	110,908	95,862	143,290	145,595	154,130	99,270	103,154	115,164	124,189
Nonfarm	10,226,145	10,814,192	11,464,075	12,669,326	13,503,845	13,964,640	3,303,149	3,462,531	3,787,773	4,152,407	4,561,609	5,011,450
Private	8,148,829	8,551,087	9,019,239	10,053,978	10,634,697	10,932,371	2,815,581	2,936,945	3,220,756	3,541,375	3,902,294	4,307,733
Agricultural services, forestry, fisheries, and other[7]	27,637	29,045	37,027	39,632	42,022	38,793	18,979	17,301	28,348	28,826	25,778	29,949
Agricultural services	(D)	29,052	34,507	38,513	40,404	36,933	17,206	17,588	22,124	23,048	22,450	25,532
Forestry, fisheries, and other[7]	(D)	(L)	2,520	1,119	1,618	1,860	1,773	−287	6,224	5,778	3,328	4,417
Mining	643,114	630,830	498,061	467,958	380,714	328,783	27,492	26,584	23,927	24,335	29,612	30,885
Coal mining	153,034	192,727	125,845	119,090	128,299	129,771	0	0	0	0	0	0
Oil and gas extraction	171,126	159,268	133,033	149,437	134,712	97,159	15,276	(D)	(D)	12,610	18,849	(D)
Metal mining	294,162	252,538	215,559	176,661	92,313	76,775	(D)	(D)	(D)	(L)	(L)	(D)
Nonmetallic minerals, except fuels	24,792	26,297	23,624	22,770	25,390	25,078	(D)	13,519	12,783	11,730	10,764	11,402
Construction	781,632	805,151	880,880	1,070,843	1,099,752	1,041,013	238,434	241,577	292,169	334,460	395,826	457,970
Manufacturing	1,816,755	1,846,917	1,920,383	2,211,429	2,350,819	2,368,004	1,002,200	1,022,765	1,063,435	1,142,478	1,224,386	1,293,882
Nondurable goods	442,280	455,190	470,644	508,877	549,145	581,477	212,124	221,755	241,136	256,793	271,208	298,229
Food and kindred products	144,643	154,880	153,959	161,541	174,111	189,910	36,819	39,366	41,181	45,528	49,789	58,578
Textile mill products	(D)	825	1,493	1,858	1,139	1,345	8,374	10,219	13,429	12,893	13,170	13,106
Apparel and other textile products	56,398	56,129	62,353	65,658	62,784	63,385	16,424	17,530	19,550	20,544	16,778	17,910
Paper and allied products	(D)	12,612	13,782	16,565	27,116	32,265	48,054	49,177	55,766	58,162	63,800	66,620
Printing and publishing	91,694	96,583	107,015	117,517	128,988	138,797	62,026	64,856	68,237	71,930	78,839	90,478
Chemicals and allied products	68,217	70,044	69,434	80,464	84,053	82,228	12,664	12,966	14,175	15,912	16,112	17,004
Petroleum and coal products	40,031	39,288	40,256	39,652	41,712	40,841	233	266	440	342	(L)	(L)
Tobacco manufactures	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	26,114	23,316	21,411	24,901	28,599	32,057	23,569	23,477	23,978	27,282	29,332	30,522
Leather and leather products	(D)	1,492	907	(D)	(D)	(D)	3,953	3,896	4,374	4,192	3,372	3,991
Durable goods	1,374,475	1,391,727	1,449,739	1,702,552	1,801,674	1,786,527	790,076	801,010	822,299	885,685	953,178	995,653
Lumber and wood products	53,082	47,855	55,053	63,432	65,449	60,152	65,794	54,053	60,623	70,178	71,515	77,131
Furniture and fixtures	25,873	27,179	36,275	43,235	49,066	49,472	29,143	26,217	28,378	30,393	35,386	37,464
Primary metal industries	302,223	237,800	204,098	219,770	198,765	142,681	12,497	13,085	15,487	18,211	17,887	18,967
Fabricated metal products	143,474	143,309	132,420	157,968	152,907	142,772	84,777	90,258	94,614	99,068	105,692	103,915
Machinery, except electrical	279,175	310,398	327,008	377,150	409,006	414,314	153,618	129,903	109,493	114,048	117,020	113,588
Electric and electronic equipment	144,835	164,482	171,095	211,069	197,846	203,589	298,336	339,699	359,199	387,181	416,316	426,056
Transportation equip. exc. motor vehicles	225,014	256,881	303,613	370,486	455,880	488,489	53,781	59,637	62,045	63,593	76,202	90,622
Motor vehicles and equipment	22,220	22,124	24,123	32,199	32,805	35,100	2,694	2,998	4,623	5,996	5,249	3,806
Stone, clay, and glass products	80,645	77,399	84,233	108,135	113,270	114,841	44,328	44,196	47,066	48,873	55,312	61,696
Instruments and related products	61,097	69,295	75,242	75,963	78,302	86,418	28,729	27,645	29,935	34,500	39,212	49,591
Miscellaneous manufacturing industries	36,837	35,005	36,579	43,145	48,378	48,699	16,379	13,319	10,836	13,644	13,387	12,817
Transportation and public utilities	910,699	1,014,919	1,096,519	1,150,680	1,184,444	1,202,878	208,760	219,653	242,965	265,561	279,344	293,476
Railroad transportation	134,359	140,070	143,763	158,649	157,733	148,872	18,020	16,418	20,165	22,615	22,678	21,621
Trucking and warehousing	280,625	277,578	269,334	304,982	306,272	314,968	66,146	69,227	76,708	86,472	87,589	90,656
Water transportation	1,932	2,444	2,820	170	102	155	1,751	1,566	2,387	2,546	2,865	3,234
Other transportation[8]	96,161	115,875	160,703	162,240	164,450	184,438	20,029	22,079	25,121	28,466	31,260	34,221
Communication	213,297	242,718	254,802	251,498	266,744	250,127	61,743	66,391	69,805	70,806	71,597	73,480
Electric, gas, and sanitary services	184,325	236,234	265,097	273,141	289,143	304,318	41,071	43,972	48,779	54,656	63,355	70,264
Wholesale trade	721,926	746,860	763,300	818,765	878,185	903,420	154,903	163,371	172,503	193,903	225,223	247,023
Retail trade	1,010,372	1,063,655	1,153,855	1,257,003	1,342,118	1,408,422	363,814	382,529	426,087	465,848	514,992	559,606
Finance, insurance, and real estate	462,905	486,866	567,141	634,345	691,320	771,193	136,262	132,580	159,583	173,581	199,062	253,971
Banking and credit agencies	202,802	231,853	270,583	310,450	318,502	347,531	58,358	64,006	69,725	77,130	85,979	97,706
Other finance, insurance, and real estate[9]	260,103	255,013	296,558	323,895	372,818	423,662	77,904	68,574	89,858	96,451	113,083	156,265
Services	1,773,789	1,926,844	2,102,073	2,403,323	2,665,323	2,869,865	664,737	730,585	811,739	912,383	1,008,071	1,140,971
Hotels and other lodging places	66,945	67,830	87,751	84,294	75,245	82,615	69,150	76,254	80,950	96,965	103,361	120,424
Personal services	78,046	87,446	94,745	106,222	128,803	134,815	26,178	29,473	37,886	40,059	49,911	55,785
Private households	14,332	15,718	16,746	(D)	(D)	(D)	17,718	19,037	19,922	22,231	22,446	23,218
Business services	256,288	286,749	334,418	414,430	495,098	547,804	61,756	74,310	89,488	103,128	121,765	146,504
Auto repair, services, and garages	100,839	102,386	112,038	134,337	143,914	148,118	32,537	33,657	36,062	42,403	46,321	52,084
Miscellaneous repair services	54,282	61,393	62,605	70,634	68,163	66,185	6,378	8,241	10,973	14,006	11,641	13,569
Amusement and recreation services	44,909	46,820	50,661	64,709	75,443	76,455	12,528	13,603	14,670	18,125	19,152	21,229
Motion pictures	11,773	13,790	15,215	31,854	38,727	46,420	1,475	2,020	2,109	3,040	3,578	4,730
Health services	545,366	621,501	648,198	693,585	766,778	853,069	230,359	258,607	283,547	301,963	326,809	368,960
Legal services	94,040	113,462	127,503	148,252	162,633	181,822	34,199	37,572	44,173	54,200	60,742	69,832
Educational services	126,430	127,961	145,999	163,917	170,834	179,703	63,505	71,743	77,315	86,093	91,157	97,287
Social services	32,266	32,238	34,542	39,176	43,568	45,610	28,257	27,372	29,985	33,475	37,099	38,156
Museums, botanical, zoological gardens	1,268	1,320	1,344	(D)	(D)	(D)	1,247	1,462	1,623	1,680	2,172	2,381
Membership organizations	152,452	170,336	185,118	207,736	218,620	223,673	21,709	23,184	24,816	25,990	27,304	28,603
Miscellaneous services	194,553	177,894	185,190	224,103	257,047	262,300	57,741	54,050	58,220	69,025	84,613	98,209
Government and government enterprises	2,077,316	2,263,105	2,444,836	2,615,348	2,869,148	3,032,269	487,568	525,586	567,017	611,032	659,315	703,717
Federal, civilian	762,885	803,764	862,803	922,916	1,009,125	1,025,747	93,940	100,224	105,839	112,304	121,000	123,001
Military	129,876	142,893	159,411	171,874	187,624	199,301	14,389	16,378	17,789	19,256	20,491	23,056
State and local	1,184,555	1,316,448	1,422,622	1,520,558	1,672,399	1,807,221	379,239	408,984	443,389	479,472	517,824	557,660

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Virginia						Washington					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**59,342,995**	**63,836,841**	**69,309,698**	**76,452,199**	**82,849,787**	**89,593,378**	**49,259,604**	**51,420,196**	**54,551,582**	**58,415,764**	**62,190,781**	**66,848,438**
Nonfarm personal income	58,934,904	63,580,610	69,182,610	75,950,661	82,479,278	89,184,880	48,222,228	50,461,022	53,315,828	57,227,109	61,173,260	65,463,291
Farm income[1]	408,091	256,231	127,088	501,538	370,509	408,498	1,037,376	959,174	1,235,754	1,188,655	1,017,521	1,385,147
Population (thousands)[2]	5,443.2	5,489.6	5,559.1	5,635.6	5,702.0	5,787.1	4,237.0	4,278.7	4,304.7	4,350.3	4,407.8	4,462.7
Per capita personal income (dollars)	**10,902**	**11,629**	**12,468**	**13,566**	**14,530**	**15,482**	**11,626**	**12,018**	**12,673**	**13,428**	**14,109**	**14,979**
Derivation of total personal income:												
Total earnings by place of work	41,301,977	44,149,793	48,071,352	53,554,532	58,632,029	64,016,661	35,895,397	36,749,514	38,760,499	41,470,885	44,103,626	47,900,749
Less: Personal contributions for social insurance[3]	2,252,429	2,462,804	2,632,400	2,882,378	3,255,837	3,587,906	1,887,750	2,023,861	2,159,383	2,339,700	2,602,096	2,829,263
Plus: Adjustment for residence	2,918,718	2,946,917	3,055,991	3,239,083	3,222,642	3,268,279	382,996	401,175	408,143	405,209	434,316	383,919
Equals: Net earnings by place of residence	41,968,266	44,633,906	48,494,943	53,911,237	58,598,834	63,697,034	34,390,643	35,126,828	37,009,259	39,536,394	41,935,846	45,455,405
Plus: Dividends, interest, and rent[5]	8,923,979	9,922,153	10,800,043	12,197,335	13,017,445	14,091,322	7,763,641	8,321,803	8,984,910	9,867,761	10,512,633	11,157,706
Plus: Transfer payments	8,450,750	9,280,782	10,014,712	10,343,627	11,233,508	11,805,022	7,105,320	7,971,565	8,557,413	9,011,609	9,742,302	10,235,327
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	35,088,822	37,781,618	40,934,975	45,322,345	49,709,002	54,133,853	29,532,545	30,404,762	31,493,774	33,735,440	35,988,724	38,710,962
Other labor income	3,074,274	3,441,759	3,753,437	3,957,883	4,236,679	4,552,071	2,603,818	2,816,789	2,934,313	3,039,504	3,187,947	3,434,467
Proprietors' income[6]	3,138,881	2,926,416	3,382,940	4,274,304	4,686,348	5,330,737	3,759,034	3,527,963	4,332,412	4,695,941	4,926,955	5,755,320
Farm	280,714	121,738	−2,564	374,017	241,052	278,716	763,548	636,933	925,577	883,934	708,919	1,074,574
Nonfarm	2,858,167	2,804,678	3,385,504	3,900,287	4,445,296	5,052,021	2,995,486	2,891,030	3,406,835	3,812,007	4,218,036	4,680,746
Earnings by industry:												
Farm	408,091	256,231	127,088	501,538	370,509	408,498	1,037,376	959,174	1,235,754	1,188,655	1,017,521	1,385,147
Nonfarm	40,893,886	43,893,562	47,944,264	53,052,994	58,261,520	63,608,163	34,858,021	35,790,340	37,524,745	40,282,230	43,086,105	46,515,602
Private	29,540,749	31,386,958	34,626,605	38,891,472	43,006,742	47,501,178	28,233,671	28,776,032	30,035,155	32,316,840	34,512,280	37,621,539
Agricultural services, forestry, fisheries, and other[7]	133,204	136,238	181,471	181,624	224,310	265,902	335,573	296,690	439,218	372,192	507,415	597,205
Agricultural services	112,899	122,611	145,029	161,211	176,553	211,814	181,250	184,413	199,121	207,606	201,570	228,788
Forestry, fisheries, and other[7]	20,305	13,627	36,442	20,413	47,757	54,088	154,323	112,277	240,097	164,586	305,845	368,417
Mining	836,836	838,805	700,642	807,165	846,872	824,136	174,049	165,850	145,400	154,548	195,765	205,008
Coal mining	658,058	681,194	558,585	649,032	635,118	607,409	(D)	(D)	(D)	(D)	34,525	(D)
Oil and gas extraction	127,631	106,576	88,055	97,333	144,531	151,653	93,786	83,007	67,197	71,959	109,574	112,615
Metal mining	5,965	4,542	5,201	5,113	5,718	3,351	(D)	(D)	(D)	(D)	13,421	(D)
Nonmetallic minerals, except fuels	45,182	46,493	48,801	55,687	61,505	61,723	35,321	37,183	35,612	39,562	38,245	35,325
Construction	2,487,086	2,488,221	2,881,550	3,465,135	4,080,459	4,799,320	2,911,404	2,692,032	2,658,103	2,848,258	2,838,549	3,119,180
Manufacturing	7,776,887	7,969,339	8,621,518	9,421,608	9,941,189	10,480,462	8,190,472	8,251,972	8,130,705	8,755,818	9,274,762	10,152,059
Nondurable goods	4,028,500	4,233,876	4,509,748	4,763,573	4,955,987	5,236,858	1,991,955	2,068,561	2,198,813	2,344,200	2,500,039	2,606,382
Food and kindred products	618,920	661,560	670,336	704,904	752,975	783,776	648,096	675,545	683,530	690,393	714,190	730,215
Textile mill products	611,364	605,780	667,043	686,786	669,888	726,914	12,700	13,426	16,469	15,067	18,213	(D)
Apparel and other textile products	305,052	300,136	327,707	346,086	333,458	350,562	70,695	77,293	84,456	94,700	92,611	93,578
Paper and allied products	368,591	372,973	403,607	441,825	467,012	497,009	518,681	512,777	545,267	600,664	637,732	658,842
Printing and publishing	410,142	460,741	523,685	592,643	676,660	766,754	307,958	326,250	349,971	378,304	412,858	453,802
Chemicals and allied products	843,853	909,217	960,548	1,019,933	1,045,289	1,087,023	270,357	304,130	347,885	380,041	425,192	442,187
Petroleum and coal products	13,396	14,901	16,406	16,857	17,379	19,447	88,510	81,985	85,445	83,303	94,588	92,156
Tobacco manufactures	562,929	610,839	596,424	568,558	579,219	569,057	93	(L)	(L)	54	(L)	(D)
Rubber and misc. plastic products	256,158	261,896	309,672	350,613	379,685	406,861	68,637	71,930	80,114	94,970	98,560	108,183
Leather and leather products	38,095	35,833	34,320	35,368	34,422	29,455	6,228	5,211	5,635	6,704	6,068	(D)
Durable goods	3,748,387	3,735,463	4,111,770	4,658,035	4,985,202	5,243,604	6,198,517	6,183,411	5,931,892	6,411,618	6,774,723	7,545,677
Lumber and wood products	348,415	297,162	351,768	405,774	432,484	478,679	1,103,054	998,255	1,125,191	1,122,540	1,061,784	1,088,766
Furniture and fixtures	317,322	292,682	322,674	356,078	373,826	393,012	56,195	52,001	58,755	67,450	71,606	76,951
Primary metal industries	311,223	280,742	302,338	348,822	344,803	351,997	537,348	483,800	475,114	511,042	474,138	452,600
Fabricated metal products	428,007	434,760	445,668	472,908	504,283	517,348	306,517	263,347	246,868	264,607	261,398	273,888
Machinery, except electrical	316,541	310,036	306,282	379,714	423,491	412,755	381,786	446,363	419,171	451,533	488,512	524,456
Electric and electronic equipment	804,373	866,859	958,876	1,110,090	1,161,224	1,182,659	223,819	240,551	268,749	288,190	330,455	355,476
Transportation equip. exc. motor vehicles	713,686	769,871	871,030	952,684	1,048,192	1,084,463	3,125,632	3,209,058	2,790,930	3,084,703	3,440,909	4,081,741
Motor vehicles and equipment	163,542	152,660	182,478	209,087	229,593	276,722	63,830	57,196	56,031	63,463	58,233	74,842
Stone, clay, and glass products	238,998	225,617	250,725	286,585	316,057	356,761	162,660	155,733	164,175	177,611	182,680	189,167
Instruments and related products	64,212	63,612	64,517	70,391	81,070	112,477	155,762	201,152	239,517	276,274	303,975	319,841
Miscellaneous manufacturing industries	42,068	41,462	55,414	65,902	70,179	76,731	81,914	75,955	87,391	104,205	101,033	107,949
Transportation and public utilities	2,959,122	3,268,302	3,553,664	3,964,186	4,237,864	4,543,455	2,498,634	2,627,648	2,771,480	2,961,904	3,079,122	3,222,970
Railroad transportation	369,002	378,861	410,836	434,670	406,260	377,801	254,848	247,053	249,431	264,559	245,322	230,403
Trucking and warehousing	646,810	656,873	683,622	801,048	819,129	880,789	575,607	588,328	606,247	696,262	695,738	724,872
Water transportation	91,854	89,052	90,618	98,221	104,804	109,163	242,816	251,150	274,675	286,218	287,910	287,579
Other transportation[8]	588,068	665,725	729,225	811,357	892,566	1,013,746	471,202	514,507	578,812	652,842	707,062	772,791
Communication	834,722	948,191	1,049,169	1,163,364	1,294,328	1,384,546	728,024	785,534	824,880	804,840	851,034	885,177
Electric, gas, and sanitary services	428,666	529,600	590,194	655,526	720,777	777,410	226,137	241,076	237,435	257,183	292,056	322,148
Wholesale trade	2,240,034	2,429,094	2,571,799	2,896,060	3,079,191	3,386,976	2,361,244	2,445,381	2,497,201	2,732,167	2,872,500	3,030,876
Retail trade	3,863,093	4,066,329	4,550,564	5,015,294	5,563,981	6,176,357	3,652,614	3,815,271	4,125,559	4,304,393	4,543,628	4,858,734
Finance, insurance, and real estate	1,794,934	1,842,993	2,179,867	2,443,540	2,768,581	3,290,307	1,793,568	1,894,020	2,124,073	2,274,979	2,508,030	2,925,541
Banking and credit agencies	677,876	759,877	856,463	962,588	1,079,211	1,256,625	711,280	782,692	837,477	900,210	977,193	1,099,943
Other finance, insurance, and real estate[9]	1,117,058	1,083,116	1,323,404	1,480,952	1,689,370	2,033,682	1,082,288	1,111,328	1,286,596	1,374,769	1,530,837	1,825,598
Services	7,449,553	8,347,637	9,385,530	10,696,860	12,264,295	13,734,263	6,316,113	6,587,168	7,143,416	7,912,581	8,692,509	9,509,966
Hotels and other lodging places	321,185	350,331	391,373	423,521	475,261	488,797	188,668	171,557	218,578	218,785	208,250	233,318
Personal services	362,823	398,794	455,551	499,986	597,155	651,734	335,306	364,358	390,829	430,990	509,245	549,198
Private households	248,757	267,918	281,247	315,620	319,341	331,800	76,675	82,587	86,085	96,271	97,492	100,993
Business services	1,668,815	1,975,507	2,351,023	2,849,667	3,526,167	4,041,819	1,182,106	1,137,417	1,223,672	1,431,026	1,625,332	1,819,687
Auto repair, services, and garages	286,608	287,237	326,058	380,985	427,316	471,515	330,781	323,676	358,327	431,147	462,820	490,281
Miscellaneous repair services	130,170	149,594	183,553	215,721	205,161	225,578	146,487	153,233	192,579	221,148	204,275	213,892
Amusement and recreation services	133,090	134,061	151,463	169,949	193,247	209,616	147,493	165,846	189,512	226,475	256,501	271,588
Motion pictures	20,658	24,534	27,536	32,472	36,294	37,842	25,593	26,952	27,404	34,986	39,716	44,845
Health services	2,167,307	2,482,723	2,671,203	2,880,969	3,183,261	3,499,788	2,037,709	2,234,252	2,358,501	2,473,564	2,727,284	2,998,749
Legal services	387,688	448,172	506,911	612,474	690,249	788,726	394,201	473,628	533,181	619,633	682,441	770,366
Educational services	241,781	263,438	285,064	301,048	324,156	360,112	168,615	189,715	208,966	230,666	243,644	252,064
Social services	179,127	187,834	208,192	232,680	259,392	293,801	156,593	172,293	200,458	229,977	255,199	276,094
Museums, botanical, zoological gardens	7,159	8,386	9,121	10,015	11,350	42,544	2,918	3,125	3,407	3,796	4,151	4,691
Membership organizations	384,170	430,664	459,212	495,973	547,814	588,041	366,425	374,634	394,169	413,862	421,788	431,136
Miscellaneous services	910,215	938,444	1,078,023	1,275,780	1,468,131	1,702,550	756,543	713,895	757,748	850,255	954,371	1,053,064
Government and government enterprises	11,353,137	12,506,604	13,317,659	14,161,522	15,254,778	16,106,985	6,624,350	7,014,308	7,489,590	7,965,390	8,573,825	8,894,063
Federal, civilian	4,053,366	4,409,945	4,706,975	4,963,637	5,204,736	5,219,011	1,474,399	1,583,644	1,751,266	1,813,411	1,886,857	1,863,444
Military	2,900,869	3,359,306	3,557,656	3,821,695	4,142,855	4,355,631	865,994	982,709	1,048,531	1,096,501	1,205,395	1,229,830
State and local	4,398,902	4,737,353	5,053,028	5,376,190	5,907,187	6,532,343	4,283,957	4,447,955	4,689,793	5,055,478	5,481,573	5,800,789

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	West Virginia						Wisconsin					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**16,740,994**	**17,670,655**	**17,894,714**	**18,901,772**	**19,484,553**	**20,188,232**	**50,109,956**	**52,562,268**	**55,035,420**	**59,900,493**	**62,923,350**	**66,876,536**
Nonfarm personal income	16,725,059	17,636,643	17,875,662	18,838,064	19,435,878	20,117,634	48,516,548	51,112,159	54,212,229	58,563,783	61,665,510	65,079,040
Farm income[1]	15,935	34,012	19,052	63,708	48,675	70,598	1,593,408	1,450,109	823,191	1,336,710	1,257,840	1,797,496
Population (thousands)[2]	1,960.5	1,961.2	1,962.6	1,951.0	1,937.2	1,919.0	4,735.6	4,746.6	4,748.6	4,763.6	4,775.8	4,784.6
Per capita personal income (dollars)	**8,539**	**9,010**	**9,118**	**9,688**	**10,058**	**10,520**	**10,582**	**11,074**	**11,590**	**12,575**	**13,175**	**13,977**
Derivation of total personal income:												
Total earnings by place of work	12,097,372	12,413,883	12,115,906	12,873,191	13,245,030	13,563,359	36,131,302	36,901,415	38,099,113	42,050,471	44,105,260	47,167,191
Less: Personal contributions for social insurance[3]	661,785	706,014	695,858	742,967	801,391	827,197	2,132,590	2,273,873	2,292,869	2,515,971	2,764,115	2,956,970
Plus: Adjustment for residence	−292,587	−258,120	−232,351	−222,229	−227,095	−259,968	602,749	574,771	633,777	738,330	820,456	944,643
Equals: Net earnings by place of residence	11,143,000	11,449,749	11,187,697	11,907,995	12,216,544	12,476,194	34,601,461	35,202,313	36,440,021	40,272,830	42,161,601	45,154,864
Plus: Dividends, interest, and rent[4]	2,136,563	2,423,762	2,528,456	2,769,801	2,829,954	3,010,440	8,053,249	8,856,709	9,482,949	10,416,972	10,908,475	11,450,810
Plus: Transfer payments	3,461,431	3,797,144	4,178,561	4,223,976	4,438,055	4,701,598	7,455,246	8,503,246	9,112,450	9,210,691	9,853,274	10,270,862
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,022,942	10,279,256	9,946,858	10,540,405	10,844,304	11,040,917	29,002,911	29,840,697	31,043,230	33,874,958	35,586,404	37,528,205
Other labor income	1,152,650	1,243,338	1,191,673	1,208,738	1,208,161	1,213,822	3,004,014	3,189,940	3,364,858	3,540,215	3,644,022	3,815,256
Proprietors' income[6]	921,780	891,289	977,375	1,124,048	1,192,565	1,308,620	4,124,377	3,870,778	3,691,025	4,635,298	4,874,834	5,823,730
Farm	−4,095	12,184	−2,000	42,990	27,784	49,504	1,323,410	1,138,700	522,210	1,041,122	957,663	1,496,134
Nonfarm	925,875	879,105	979,375	1,081,058	1,164,781	1,259,116	2,800,967	2,732,078	3,168,815	3,594,176	3,917,171	4,327,596
Earnings by industry:												
Farm	15,935	34,012	19,052	63,708	48,675	70,598	1,593,408	1,450,109	823,191	1,336,710	1,257,840	1,797,496
Nonfarm	12,081,437	12,379,871	12,096,854	12,809,483	13,196,355	13,492,761	34,537,894	35,451,306	37,275,922	40,713,761	42,847,420	45,369,695
Private	10,252,471	10,452,330	10,108,709	10,702,314	10,927,552	11,123,811	29,812,943	30,150,632	31,691,246	34,752,435	36,488,544	38,668,308
Agricultural services, forestry, fisheries, and other[7]	24,360	25,542	32,040	31,248	27,376	30,093	163,179	161,328	216,648	224,801	202,234	224,403
Agricultural services	22,731	25,589	27,371	27,408	24,950	27,024	150,686	162,496	182,212	194,111	183,077	200,828
Forestry, fisheries, and other[7]	1,629	(L)	4,669	3,840	2,426	3,069	12,493	−1,168	34,436	30,690	19,157	23,575
Mining	1,921,508	2,143,411	1,751,199	1,892,429	1,789,088	1,693,131	154,805	129,076	117,104	123,066	160,217	162,691
Coal mining	1,753,620	1,964,062	1,575,502	1,707,016	1,601,141	1,526,762	226	197	218	555	584	602
Oil and gas extraction	144,748	158,103	154,446	161,992	163,807	142,558	99,048	87,347	70,899	(D)	111,658	112,195
Metal mining	(L)	−50	(L)	(L)	(L)	132	11,685	4,602	3,065	(D)	3,240	5,867
Nonmetallic minerals, except fuels	23,142	21,296	21,260	23,459	24,095	23,679	43,846	36,930	42,922	43,628	44,735	44,027
Construction	704,032	640,661	596,931	621,964	658,009	675,703	1,854,099	1,757,871	1,857,538	2,109,461	2,213,610	2,459,320
Manufacturing	2,681,521	2,494,794	2,363,479	2,467,723	2,510,374	2,525,973	12,195,017	11,838,028	12,121,842	13,481,241	13,811,154	14,266,895
Nondurable goods	1,036,997	1,092,581	1,082,137	1,092,634	1,114,915	1,110,150	4,053,143	4,228,468	4,479,041	4,785,362	4,998,781	5,301,227
Food and kindred products	87,257	93,887	90,346	88,226	88,024	86,808	1,337,188	1,380,342	1,403,056	1,420,374	1,425,656	1,505,773
Textile mill products	10,253	8,074	9,247	11,262	10,386	(D)	62,948	65,255	72,684	79,528	79,773	75,582
Apparel and other textile products	43,471	43,922	42,949	40,317	41,433	38,420	80,581	85,859	91,246	92,666	95,966	103,454
Paper and allied products	23,107	22,687	22,550	23,594	22,496	22,766	1,235,458	1,304,188	1,404,788	1,501,697	1,604,706	1,683,818
Printing and publishing	76,277	77,915	81,143	80,727	88,039	90,948	582,245	619,383	681,718	763,115	818,518	888,374
Chemicals and allied products	704,963	758,315	755,106	767,083	781,885	775,783	262,753	278,417	292,181	316,225	338,611	362,781
Petroleum and coal products	27,579	29,680	24,025	23,084	22,208	21,381	13,731	13,918	15,745	16,501	13,687	14,302
Tobacco manufactures	3,949	4,159	4,149	4,418	4,535	(D)	192	98	139	148	108	113
Rubber and misc. plastic products	33,274	29,854	30,938	34,901	36,283	37,130	328,866	337,162	368,110	453,819	488,447	541,677
Leather and leather products	26,867	24,088	21,684	19,022	19,626	20,478	149,181	143,846	149,374	141,289	133,309	125,353
Durable goods	1,644,524	1,402,213	1,281,342	1,375,089	1,395,459	1,415,823	8,141,874	7,609,560	7,642,801	8,695,879	8,812,373	8,965,668
Lumber and wood products	77,814	64,757	77,354	90,263	92,525	98,476	344,192	310,918	367,635	422,025	445,949	490,653
Furniture and fixtures	12,754	11,798	13,467	14,504	16,504	19,100	160,698	152,074	163,149	182,163	191,850	205,772
Primary metal industries	783,470	621,159	560,860	568,964	485,598	519,550	604,683	483,958	459,302	553,785	521,746	530,738
Fabricated metal products	167,955	148,491	125,316	143,868	230,890	217,684	1,305,298	1,220,556	1,212,033	1,360,318	1,383,256	1,457,242
Machinery, except electrical	149,632	155,029	123,928	147,567	159,674	149,606	2,953,015	2,738,382	2,525,515	2,946,362	3,012,188	3,108,138
Electric and electronic equipment	85,694	82,102	86,253	87,688	81,539	73,388	1,172,657	1,154,389	1,178,306	1,308,849	1,325,645	1,322,838
Transportation equip. exc. motor vehicles	65,289	50,854	34,139	45,625	42,580	47,837	196,346	171,442	163,785	186,177	176,553	209,329
Motor vehicles and equipment	7,413	5,501	4,992	7,686	18,117	16,549	808,071	796,619	980,291	1,077,080	1,066,011	940,703
Stone, clay, and glass products	268,043	233,652	226,008	233,777	231,799	240,046	185,499	175,901	180,973	198,093	199,295	217,400
Instruments and related products	15,886	17,847	17,596	21,747	23,222	20,290	225,866	223,307	226,715	248,258	276,287	279,340
Miscellaneous manufacturing industries	10,574	11,023	11,429	13,400	13,011	13,297	185,549	182,014	185,097	212,769	213,593	203,515
Transportation and public utilities	1,090,278	1,136,919	1,136,189	1,207,781	1,204,313	1,200,025	2,286,358	2,410,682	2,481,503	2,701,595	2,759,834	2,886,074
Railroad transportation	242,130	239,630	246,757	253,680	240,224	214,730	270,742	255,224	236,459	238,002	210,078	205,486
Trucking and warehousing	241,485	235,954	222,187	253,961	243,196	255,321	836,312	841,381	875,692	1,035,330	1,048,281	1,100,269
Water transportation	26,496	25,115	21,392	25,667	26,974	29,363	18,966	19,304	19,083	18,851	18,262	17,722
Other transportation[8]	34,257	36,876	36,712	37,359	36,577	36,630	212,808	232,918	244,790	259,443	283,136	298,114
Communication	223,688	238,604	234,761	235,932	230,212	230,714	489,441	550,999	566,122	557,076	573,904	600,228
Electric, gas, and sanitary services	322,222	360,740	374,380	401,182	427,130	433,267	458,089	510,856	539,357	592,893	626,173	664,255
Wholesale trade	631,400	634,665	609,293	647,116	673,731	674,418	2,146,520	2,191,846	2,211,828	2,415,495	2,533,064	2,631,907
Retail trade	1,115,448	1,131,611	1,192,404	1,241,259	1,287,526	1,346,406	3,373,965	3,452,818	3,727,478	3,892,283	4,133,997	4,407,371
Finance, insurance, and real estate	379,029	375,043	414,880	440,068	461,391	514,141	1,705,394	1,750,376	1,972,825	2,092,761	2,259,986	2,581,839
Banking and credit agencies	170,093	184,683	198,398	210,613	226,647	239,760	576,095	636,809	697,821	749,433	813,892	862,004
Other finance, insurance, and real estate[9]	208,936	190,360	216,482	229,455	234,744	274,381	1,129,299	1,113,567	1,275,004	1,343,328	1,446,094	1,719,835
Services	1,704,895	1,869,684	2,012,294	2,152,726	2,315,744	2,463,921	5,933,606	6,458,607	6,984,480	7,711,732	8,414,448	9,047,808
Hotels and other lodging places	72,287	76,977	78,838	80,835	81,505	87,986	144,466	152,311	171,652	174,632	171,725	178,026
Personal services	101,758	108,978	117,837	120,562	143,386	151,559	318,005	336,998	357,144	387,040	451,653	475,840
Private households	44,071	47,033	48,787	53,672	53,230	54,010	75,983	81,187	84,122	93,321	93,575	95,942
Business services	128,791	141,915	167,363	183,938	214,033	242,921	834,485	991,811	1,149,177	1,391,136	1,676,163	1,876,239
Auto repair, services, and garages	66,470	66,081	72,048	79,107	83,723	87,320	231,863	233,198	260,318	308,364	329,982	336,695
Miscellaneous repair services	58,229	63,754	60,691	65,842	64,592	67,271	99,524	101,513	119,589	142,385	127,121	128,412
Amusement and recreation services	35,739	37,157	39,305	41,773	48,181	50,613	139,384	150,376	166,138	183,628	199,661	199,782
Motion pictures	3,157	3,450	3,616	4,135	4,456	5,349	13,994	14,097	13,884	16,195	16,713	16,673
Health services	770,620	897,006	966,313	1,014,902	1,078,008	1,136,558	2,531,964	2,810,668	2,957,190	3,069,306	3,224,774	3,474,812
Legal services	108,121	118,266	136,179	159,356	169,346	184,533	338,378	378,676	417,890	489,301	539,435	584,220
Educational services	38,499	38,847	40,539	46,673	48,810	50,636	224,281	249,237	269,458	306,665	326,718	346,670
Social services	42,721	43,040	46,138	50,707	54,980	61,178	225,393	230,948	241,656	268,209	295,512	310,305
Museums, botanical, zoological gardens	1,133	1,266	1,249	1,354	1,411	1,322	2,485	2,896	3,217	3,680	4,356	4,806
Membership organizations	110,016	116,075	116,742	121,196	124,185	125,341	283,262	306,300	324,882	353,126	364,173	378,739
Miscellaneous services	123,283	109,839	116,649	128,674	145,898	157,324	470,139	418,391	448,163	524,744	592,887	640,647
Government and government enterprises	1,828,966	1,927,541	1,988,145	2,107,169	2,268,803	2,368,950	4,724,951	5,300,674	5,584,676	5,961,326	6,358,876	6,701,387
Federal, civilian	341,123	346,045	362,790	386,511	400,683	402,385	589,847	618,210	643,541	680,974	722,680	725,307
Military	29,082	32,514	37,575	41,307	44,505	48,343	101,694	110,638	138,978	171,348	194,132	209,133
State and local	1,458,761	1,548,982	1,587,780	1,679,351	1,823,615	1,918,222	4,033,410	4,571,826	4,802,157	5,109,004	5,442,064	5,766,947

See footnotes at end of tables.

Table 5.—Personal Income for States by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Wyoming					
	1981	1982	1983	1984	1985	1986
Income by Place of Residence						
Total personal income	**6,090,325**	**6,245,682**	**6,112,322**	**6,279,690**	**6,582,351**	**6,480,953**
Nonfarm personal income	6,005,480	6,213,379	6,077,524	6,258,530	6,549,227	6,444,256
Farm income[1]	84,845	32,303	34,798	21,160	33,124	36,697
Population (thousands)[2]	493.8	510.5	516.4	512.9	509.7	507.3
Per capita personal income (dollars)	**12,332**	**12,236**	**11,836**	**12,244**	**12,914**	**12,774**
Derivation of total personal income:						
Total earnings by place of work	4,944,059	4,972,749	4,665,575	4,803,857	5,042,857	4,840,628
Less: Personal contributions for social insurance[3]	220,121	260,827	227,792	238,442	260,703	251,459
Plus: Adjustment for residence	−89,801	−94,774	−62,929	−65,475	−79,990	−68,344
Equals: Net earnings by place of residence	4,634,137	4,617,148	4,374,854	4,499,940	4,702,164	4,520,825
Plus: Dividends, interest, and rent[4]	907,272	1,000,929	1,001,135	1,064,342	1,107,182	1,116,320
Plus: Transfer payments	548,916	627,605	736,333	715,408	773,005	843,808
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	4,057,584	4,143,287	3,846,667	3,974,353	4,157,909	3,954,551
Other labor income	357,664	381,151	354,094	344,790	353,720	332,890
Proprietors' income[6]	528,811	448,311	464,814	484,714	531,228	553,187
Farm	29,539	−19,227	−15,192	−28,367	−16,967	−13,771
Nonfarm	499,272	467,538	480,006	513,081	548,195	566,958
Earnings by industry:						
Farm	84,845	32,303	34,798	21,160	33,124	36,697
Nonfarm	4,859,214	4,940,446	4,630,777	4,782,697	5,009,733	4,803,931
Private	4,058,318	4,045,993	3,634,878	3,725,979	3,893,227	3,659,999
Agricultural services, forestry, fisheries, and other[7]	19,606	20,521	23,448	22,425	20,023	21,556
Agricultural services	16,805	18,962	19,218	18,543	16,634	17,628
Forestry, fisheries, and other[7]	2,801	1,559	4,230	3,882	3,389	3,928
Mining	1,226,809	1,188,455	1,039,526	1,032,187	1,002,734	826,182
Coal mining	240,686	248,733	259,706	272,271	292,747	273,220
Oil and gas extraction	679,325	672,341	542,013	553,682	512,234	371,987
Metal mining	137,490	93,961	73,567	48,704	38,495	32,812
Nonmetallic minerals, except fuels	169,308	173,420	164,240	157,530	159,258	148,163
Construction	620,676	601,157	418,947	432,487	567,806	540,660
Manufacturing	226,397	217,958	199,043	198,229	198,172	200,458
Nondurable goods	130,893	129,501	118,046	105,594	106,592	110,891
Food and kindred products	20,783	21,469	20,285	19,735	21,856	23,702
Textile mill products	(L)	(L)	(L)	(L)	(L)	(L)
Apparel and other textile products	1,997	704	624	749	790	812
Paper and allied products	(D)	182	(L)	87	89	(L)
Printing and publishing	22,477	23,762	24,419	24,735	25,499	25,197
Chemicals and allied products	10,456	10,537	9,043	9,407	12,324	13,000
Petroleum and coal products	72,139	70,111	60,885	48,057	43,184	44,573
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	2,051	2,295	2,454	2,621	2,710	2,958
Leather and leather products	(D)	438	273	192	128	605
Durable goods	95,504	88,457	80,997	92,635	91,580	89,567
Lumber and wood products	23,061	17,629	19,593	22,414	21,304	23,420
Furniture and fixtures	214	(D)	(D)	268	340	365
Primary metal industries	1,424	(D)	(D)	7,722	5,598	5,840
Fabricated metal products	11,873	10,698	8,940	9,116	10,137	9,208
Machinery, except electrical	26,865	25,820	17,922	19,606	21,547	19,948
Electric and electronic equipment	218	518	80	1,524	1,257	1,091
Transportation equip. exc. motor vehicles	2,487	1,782	1,820	2,006	2,513	3,158
Motor vehicles and equipment	254	(D)	(D)	68	155	127
Stone, clay, and glass products	26,261	27,395	27,522	26,877	25,889	23,421
Instruments and related products	1,293	1,354	1,378	1,264	989	976
Miscellaneous manufacturing industries	1,554	1,517	1,610	1,770	1,851	2,013
Transportation and public utilities	511,118	526,342	511,154	531,671	528,952	503,805
Railroad transportation	127,538	128,007	130,565	139,448	134,272	126,317
Trucking and warehousing	150,137	139,788	123,395	135,927	132,035	122,081
Water transportation	193	198	218	184	128	79
Other transportation[8]	35,847	38,903	37,206	36,353	33,581	31,207
Communication	94,464	95,367	89,509	77,408	74,484	69,730
Electric, gas, and sanitary services	102,939	124,079	130,261	142,351	154,452	154,391
Wholesale trade	258,768	257,837	218,862	226,126	231,603	206,067
Retail trade	445,986	461,004	454,030	458,559	472,858	460,567
Finance, insurance, and real estate	145,453	144,119	160,544	168,538	177,785	186,895
Banking and credit agencies	77,069	85,134	89,554	93,810	96,754	94,323
Other finance, insurance, and real estate[9]	68,384	58,985	70,990	74,728	81,031	92,572
Services	603,505	628,600	609,324	655,757	693,294	713,809
Hotels and other lodging places	62,608	65,128	61,586	61,704	56,891	60,844
Personal services	32,433	36,883	36,083	37,137	45,336	45,574
Private households	7,705	8,487	8,910	9,787	9,725	9,906
Business services	95,509	102,363	84,385	93,958	100,502	98,346
Auto repair, services, and garages	44,208	41,846	39,169	43,872	45,872	44,530
Miscellaneous repair services	34,167	33,300	34,129	38,160	33,456	31,534
Amusement and recreation services	10,400	10,919	11,252	12,757	15,073	15,849
Motion pictures	1,700	1,811	1,754	2,341	3,107	3,179
Health services	125,121	138,214	144,528	152,709	162,068	175,231
Legal services	32,343	38,319	44,192	52,052	56,896	60,428
Educational services	6,482	7,373	8,118	9,458	10,329	10,998
Social services	17,43b	19,923	21,782	24,773	27,090	26,950
Museums, botanical, zoological gardens	690	878	931	1,131	1,085	1,149
Membership organizations	30,639	34,833	36,348	36,728	37,527	37,483
Miscellaneous services	102,064	88,323	76,157	79,190	88,337	91,808
Government and government enterprises	800,896	894,453	995,899	1,056,718	1,116,506	1,143,932
Federal, civilian	152,273	155,596	165,382	174,729	184,009	185,947
Military	64,411	70,483	77,051	81,982	88,961	94,110
State and local	584,212	668,374	753,466	800,007	843,536	863,875

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86

[Thousands of dollars]

	Buffalo—Niagara Falls, NY (CMSA)						Chicago—Gary—Lake County, IL—IN—WI (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**13,153,557**	**13,669,759**	**14,232,508**	**15,323,235**	**16,062,918**	**16,889,801**	**100,801,830**	**104,717,796**	**110,125,200**	**119,545,311**	**126,331,726**	**133,923,718**
Nonfarm personal income	13,114,374	13,630,094	14,205,593	15,287,741	16,024,311	16,845,845	100,604,905	104,580,335	110,104,090	119,406,660	126,180,653	133,768,091
Farm income[1]	39,183	39,665	26,915	35,494	38,607	43,956	196,925	137,461	21,110	138,651	151,073	155,627
Population (thousands)[2]	1,231.0	1,220.6	1,206.5	1,192.6	1,184.9	1,181.6	7,968.4	7,992.7	8,011.5	8,056.4	8,080.4	8,116.1
Per capita personal income (dollars)	**10,685**	**11,199**	**11,796**	**12,849**	**13,556**	**14,294**	**12,650**	**13,102**	**13,746**	**14,839**	**15,634**	**16,501**
Derivation of total personal income:												
Total earnings by place of work	9,426,312	9,437,638	9,681,436	10,431,490	11,102,019	11,693,586	76,862,933	78,593,374	82,328,393	90,063,281	95,734,293	101,891,877
Less: Personal contributions for social insurance[3]	585,321	585,915	613,148	667,715	740,237	784,473	4,562,667	4,819,640	4,963,990	5,447,834	6,049,071	6,487,344
Plus: Adjustment for residence	−108,957	−103,482	−103,267	−107,788	−108,760	−143,242	−715,802	−678,221	−682,805	−740,314	−730,083	−745,369
Equals: Net earnings by place of residence	8,732,034	8,748,241	8,965,021	9,655,987	10,253,022	10,765,871	71,584,464	73,095,513	76,681,598	83,875,133	88,955,139	94,659,164
Plus: Dividends, interest, and rent[5]	2,133,362	2,311,180	2,449,206	2,711,663	2,768,622	2,940,837	16,451,797	17,631,958	18,547,852	20,529,398	21,388,212	22,543,293
Plus: Transfer payments	2,288,161	2,610,338	2,818,281	2,955,585	3,041,274	3,183,093	12,765,569	13,990,325	14,895,750	15,140,780	15,988,375	16,721,261
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,900,192	7,912,093	8,062,982	8,678,966	9,246,063	9,692,486	64,520,032	66,114,122	68,621,910	74,903,417	79,367,299	84,194,733
Other labor income	898,082	910,271	906,550	930,321	964,358	996,990	6,651,062	7,035,233	7,271,125	7,628,240	7,956,818	8,318,716
Proprietors' income[6]	628,038	615,274	711,904	822,203	891,598	1,004,110	5,691,839	5,444,019	6,435,358	7,531,624	8,410,176	9,378,428
Farm	24,444	23,548	11,508	20,419	23,305	28,571	157,729	94,778	−19,950	98,388	109,991	114,207
Nonfarm	603,594	591,726	700,396	801,784	868,293	975,539	5,534,110	5,349,241	6,455,308	7,433,236	8,300,185	9,264,221
Earnings by industry:												
Farm	39,183	39,665	26,915	35,494	38,607	43,956	196,925	137,461	21,110	138,651	151,073	155,627
Nonfarm	9,387,129	9,397,973	9,654,521	10,395,996	11,063,412	11,649,630	76,666,008	78,455,913	82,307,283	89,924,630	95,583,220	101,736,250
Private	7,960,189	7,883,339	8,038,377	8,661,873	9,226,980	9,702,732	67,695,639	69,054,091	72,488,409	79,495,003	84,652,537	90,100,242
Agricultural services, forestry, fisheries, and other[7]	19,817	20,261	21,833	23,403	26,533	30,469	177,748	187,937	226,280	239,849	243,587	281,011*
Agricultural services	(D)	19,522	21,037	22,961	25,801	29,617	161,740*	171,342*	200,611*	214,727*	216,702*	251,271*
Forestry, fisheries, and other[7]	(D)	739	796	442	732	852	5,908*	4,368*	12,050*	11,876*	12,277*	13,689*
Mining	39,163	37,071	41,948	46,418	52,343	48,754	402,468	331,873	292,408	323,183	436,181	443,266*
Coal mining	138	155	177	309	322	336	8,134	7,617	4,686	(D)	3,956	5,744
Oil and gas extraction	30,715	(D)	31,488*	35,355*	39,351*	(D)	265,629*	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	−91*	−11*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	106	334
Nonmetallic minerals, except fuels	8,319	7,556	8,107	7,934	8,458	9,026	(D)	(D)	(D)	(D)	(D)	(D)
Construction	436,482	447,226	464,547	516,426	558,812	598,693	4,061,766	4,133,342	4,165,045	4,765,034	5,243,548	5,865,080
Manufacturing	3,426,199	3,170,584	3,034,830	3,194,331	3,323,314	3,320,903	21,983,492	21,053,944	20,806,754	22,453,851	22,669,778	22,565,444
Nondurable goods	989,321	1,005,790	951,752	993,171	993,496	1,028,508	6,954,290	7,405,333	7,655,761	8,112,860	8,393,702	8,518,737
Food and kindred products	188,841	199,365	205,680	209,338	197,588	213,271	1,717,038*	1,840,481*	1,819,780*	1,897,796*	1,909,063*	1,916,590*
Textile mill products	15,870	12,758	13,580	13,293	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	33,186*	34,087*	34,604*	35,913*	38,550*	39,694*	220,936*	225,947*	224,989*	218,644*	218,712*	229,123*
Paper and allied products	83,263	71,591	66,857	74,610	74,576	81,091	639,561*	674,044*	678,599*	704,814*	703,455	748,243*
Printing and publishing	181,421	197,305	191,414	206,192	223,812	237,900	1,808,652*	1,954,769*	2,095,890*	2,241,572*	2,381,783*	2,401,855*
Chemicals and allied products	266,014	270,835	253,689	261,681	254,728	255,129	1,461,928*	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	92,993	89,415	46,267	42,158	43,687	38,076	351,204*	373,238*	375,854*	370,765*	390,814*	402,899*
Tobacco manufactures	588	821	911	986	0	0	11,564	12,265	13,158	14,830	13,765	(L)
Rubber and misc. plastic products	120,888	122,755	131,653	141,858	141,866	148,330	619,103*	627,810*	694,473*	779,978*	821,619*	819,332*
Leather and leather products	4,725*	5,166*	5,312*	5,518*	4,801	2,198	63,089*	63,706*	66,520*	64,065*	60,567*	53,896*
Durable goods	2,436,878	2,164,794	2,083,078	2,201,160	2,329,818	2,292,395	15,029,202	13,648,611	13,150,993	14,340,991	14,276,076	14,046,707
Lumber and wood products	12,081	11,087	12,135	13,985	14,951	16,811	117,454*	127,446*	127,603*	133,031*	138,299*	133,800*
Furniture and fixtures	15,719	14,111	13,916	16,650	17,974	18,442	316,887*	312,431*	329,247*	331,876*	338,842*	331,750*
Primary metal industries	560,590	390,872	306,108	193,879	161,060	148,528	(D)	3,148,844*	2,870,811*	(D)	(D)	(D)
Fabricated metal products	312,856	293,420	293,876	333,486	361,833	359,559	2,466,238*	(D)	2,273,195*	2,533,042*	2,647,665*	2,736,922*
Machinery, except electrical	306,594	289,620	262,325	296,258	302,996	307,146	(D)	(D)	1,998,782*	(D)	(D)	(D)
Electric and electronic equipment	(D)	282,844	264,206	276,865	273,169	276,731	2,519,906*	2,495,516*	2,531,006*	2,854,257*	2,790,239*	2,790,969*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	512,886*	395,589*	332,308*	419,355*	383,024*	388,775*
Motor vehicles and equipment	593,704	(D)	(D)	(D)	(D)	(D)	549,632	556,049*	650,970*	(D)	(D)	(D)
Stone, clay, and glass products	(D)	129,661	124,656	116,548	109,765	107,860	434,627*	417,734*	408,624*	460,409*	480,926*	468,923*
Instruments and related products	81,236	83,794	81,513	87,880	94,897	99,599	658,564*	628,535*	736,754*	767,761*	843,238*	857,435*
Miscellaneous manufacturing industries	66,273	68,158	69,117	71,531	69,191	75,961	511,065*	517,061*	477,815*	508,813*	445,568*	491,207*
Transportation and public utilities	677,743	695,409	681,744	722,583	747,128	763,604	6,016,335*	6,208,973*	6,424,649*	6,994,886*	7,507,123*	7,890,831*
Railroad transportation	88,093	70,506	57,635	61,589	59,958	56,156	705,207	672,967*	666,343*	697,569	643,932	605,008
Trucking and warehousing	204,944	201,127	198,206	212,690	216,438	223,416	1,554,633	1,494,449	1,532,168	1,698,739	1,748,982	1,792,100*
Water transportation	22,723	17,704*	18,719*	21,878	19,327*	16,973	(D)	39,861*	43,360*	54,338*	54,143*	54,489*
Other transportation[8]	71,908	(D)	(D)	83,254	(D)	95,141	1,373,878*	1,433,029*	1,539,757*	1,602,844*	1,763,486*	1,975,025*
Communication	149,018	177,820	161,609	162,171	166,461	168,694	1,405,025*	1,495,291*	1,535,581*	1,688,305*	1,922,714*	2,068,787*
Electric, gas, and sanitary services	141,057	156,491	168,488	181,001	198,552	203,224	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	551,066	566,439	566,927	609,555	654,209	692,304	6,924,714	7,112,276	7,172,521	7,954,340	8,526,396	8,951,021
Retail trade	793,453	816,379	889,445	945,447	1,012,054	1,087,919	6,818,631	6,866,004	7,376,713	7,966,427	8,474,345	9,060,510
Finance, insurance, and real estate	388,005	385,740	461,644	508,142	546,063	651,529	5,523,498	5,944,609	6,921,689	7,585,471	8,339,739	9,527,490
Banking and credit agencies	166,954	183,352	219,715	260,905	269,795	318,682	1,813,279*	2,057,000*	2,176,539*	2,305,662*	2,475,238*	2,587,316*
Other finance, insurance, and real estate[9]	221,051	202,388	241,929	247,237	276,268	332,847	3,706,107*	3,883,999*	4,741,414*	4,847,197*	5,860,945*	6,290,188*
Services	1,628,261	1,744,230	1,875,459	2,095,568	2,306,524	2,508,557	15,699,146*	17,107,659*	18,978,713*	21,066,852*	23,044,477*	25,335,737*
Hotels and other lodging places	36,493	32,227	36,495	(D)	(D)	40,902	360,992*	355,646*	412,296*	413,275*	385,180*	433,911*
Personal services	64,135	68,426	73,150	77,684	93,450	102,697	625,040	669,480	734,294	759,563*	859,972*	938,155*
Private households	17,511	18,690	19,461	21,588	21,628	22,156	148,676	158,983	164,920	183,317	183,467	188,074
Business services	249,921	274,837	292,779	338,794	400,257	443,868	3,458,707	3,998,717	4,691,224	5,434,295	6,283,498	7,236,860
Auto repair, services, and garages	70,732	66,832	73,708	86,703	93,522	97,597	521,138	554,793	620,619	712,725	752,320	817,135
Miscellaneous repair services	33,923	35,192	36,267	40,279	39,999	42,760	254,019	269,551	314,151	344,222	315,698	350,546
Amusement and recreation services	60,177	55,254	59,866	65,896	72,296	72,490	276,203	305,111	337,958	378,659	401,359	436,913
Motion pictures	3,566	3,894	3,819	4,766	5,245	5,941	86,332*	102,705*	118,339*	178,690*	199,525*	215,192*
Health services	570,454	638,333	675,658	743,806	798,835	874,059	4,792,307	5,225,900	5,623,139	5,942,824	6,227,611	6,623,795
Legal services	122,895	139,920	160,922	195,685	216,887	246,205	1,307,324	1,529,975	1,769,580	2,095,051	2,289,902	2,584,748
Educational services	74,867	82,345	86,514	(D)	(D)	105,518	837,115*	910,963*	953,235*	1,037,858*	1,118,772*	1,156,510*
Social services	69,250	73,505	77,457	89,998	101,916	104,248	314,877*	349,296*	377,117*	395,194*	450,628*	510,166*
Museums, botanical, zoological gardens	2,853	3,296	3,420	3,533	3,555	3,565	38,040*	42,294*	45,831*	48,271*	53,324*	59,432*
Membership organizations	90,387	100,215	102,848	105,097	107,485	102,285	811,851	887,752	932,684	965,949	1,007,437	1,064,971
Miscellaneous services	161,097	151,264	173,095	188,127	214,265	244,266	1,861,665	1,733,658	1,867,018	2,161,046	2,502,760	2,704,391
Government and government enterprises	1,426,940	1,514,634	1,616,144	1,734,123	1,836,432	1,946,898	8,970,369	9,401,822	9,818,874	10,429,627	10,930,683	11,636,008
Federal, civilian	222,794	233,951	237,099	258,361	269,103	263,934	1,685,291	1,727,848	1,826,336	1,929,480	2,023,365	2,094,902
Military	18,808	20,260	21,178	21,906	23,627	24,449	479,113	482,410	488,850	536,941	601,097	662,788
State and local	1,185,338	1,260,423	1,357,867	1,453,856	1,543,702	1,658,515	6,805,965	7,191,564	7,503,688	7,963,206	8,306,221	8,878,318

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Cincinnati—Hamilton, OH—KY—IN (CMSA)						Cleveland—Akron—Lorain, OH (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**18,147,461**	**18,983,514**	**20,146,912**	**21,743,800**	**23,115,250**	**24,649,285**	**33,107,783**	**34,162,333**	**35,741,308**	**38,566,912**	**40,645,554**	**42,560,148**
Nonfarm personal income	18,110,466	18,938,526	20,128,125	21,696,306	23,074,507	24,611,118	33,069,685	34,119,279	35,710,223	38,510,692	40,596,072	42,507,413
Farm income[1]	36,995	44,988	18,787	47,494	40,743	38,167	38,098	43,054	31,085	56,220	49,482	52,735
Population (thousands)[2]	1,668.5	1,671.3	1,665.6	1,673.0	1,681.3	1,690.1	2,818.1	2,804.9	2,797.1	2,786.1	2,772.7	2,765.6
Per capita personal income (dollars)	**10,877**	**11,359**	**12,096**	**12,997**	**13,748**	**14,585**	**11,748**	**12,180**	**12,778**	**13,843**	**14,659**	**15,389**
Derivation of total personal income:												
Total earnings by place of work	13,521,738	13,848,659	14,602,844	15,878,742	17,057,137	18,316,468	25,339,921	25,350,368	26,314,603	28,572,672	30,228,997	31,501,485
Less: Personal contributions for social insurance[3]	822,845	868,907	938,349	1,027,307	1,151,632	1,245,699	1,556,452	1,610,604	1,717,733	1,877,165	2,071,681	2,175,637
Plus: Adjustment for residence	−99,801	−77,404	−62,992	−85,904	−117,911	−132,506	−563,766	−579,028	−610,727	−644,166	−676,218	−629,125
Equals: Net earnings by place of residence	12,599,092	12,902,348	13,601,503	14,765,531	15,787,594	16,938,263	23,219,703	23,160,736	23,986,143	26,051,341	27,481,098	28,696,723
Plus: Dividends, interest, and rent[5]	3,046,349	3,234,204	3,478,250	3,778,436	3,909,824	4,101,037	5,198,982	5,604,296	5,934,559	6,492,137	6,774,761	7,103,323
Plus: Transfer payments	2,502,020	2,846,962	3,067,159	3,199,833	3,417,832	3,609,985	4,689,098	5,397,301	5,820,606	6,023,434	6,389,695	6,760,102
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	11,395,680	11,710,742	12,255,615	13,327,484	14,319,381	15,338,148	21,334,794	21,424,143	22,014,116	23,881,491	25,234,033	26,171,719
Other labor income	1,179,614	1,267,941	1,342,229	1,393,535	1,458,359	1,552,636	2,287,407	2,373,677	2,475,697	2,565,729	2,631,607	2,705,305
Proprietors' income[6]	946,444	869,976	1,005,000	1,157,723	1,279,397	1,425,684	1,717,720	1,552,548	1,824,790	2,125,452	2,363,357	2,624,461
Farm	26,476	33,538	7,702	36,538	29,644	26,962	18,505	21,004	9,814	35,278	28,253	31,314
Nonfarm	919,968	836,438	997,298	1,121,185	1,249,753	1,398,722	1,699,215	1,531,544	1,814,976	2,090,174	2,335,104	2,593,147
Earnings by industry:												
Farm	36,995	44,988	18,787	47,494	40,743	38,167	38,098	43,054	31,085	56,220	49,482	52,735
Nonfarm	13,484,743	13,803,671	14,584,057	15,831,248	17,016,394	18,278,301	25,301,823	25,307,314	26,283,518	28,516,452	30,179,515	31,448,750
Private	11,969,736	12,193,238	12,893,699	14,018,091	15,086,102	16,210,866	22,584,190	22,400,974	23,237,393	25,284,443	26,736,121	27,853,893
Agricultural services, forestry, fisheries, and other[7]	28,525	28,617	34,605	36,294	37,678	42,494	64,134	64,613	76,236	82,925	83,353	92,339
Agricultural services	27,977	28,676	33,344	33,614*	36,949	41,585	(D)	(D)	(D)	(D)	(D)	90,630
Forestry, fisheries, and other[7]	548	−59	1,261	(D)	729	909	1,280*	−27*	2,788*	(D)	1,270*	1,709
Mining	66,487	57,589	56,247	59,759	79,307	75,305	153,749	142,631	141,030	151,990	183,030	180,899
Coal mining	(D)	2,489*	2,593*	4,786	5,936	3,907	18,421	31,098	31,592	36,848	37,739	36,421
Oil and gas extraction	53,758*	41,820*	40,106*	43,053*	59,859*	59,224*	94,068*	(D)	(D)	78,180*	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	72	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	9,369*	9,716*	9,644*	10,062*	8,807*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	775,635	(D)	715,663*	813,919*	833,596*	984,630	1,210,781	1,184,958	1,262,714	1,443,321	1,445,246	1,419,475
Manufacturing	4,738,040	4,708,080	4,839,524	5,216,106	5,523,140	5,807,795	9,414,257	8,843,067	8,831,927	9,559,746	9,926,280	9,944,327
Nondurable goods	1,855,440	1,924,577	1,980,748	2,070,336	2,170,094	2,335,126	2,667,507	2,707,191	2,779,276	2,960,382	3,035,982	3,142,672
Food and kindred products	(D)	(D)	(D)	381,266*	382,305*	403,120*	239,479	247,778	255,515	251,521	253,636	261,251
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	50,661*	51,627*	56,169*	56,114*	55,703*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	264,450*	271,260*	284,852*	303,963*	322,124*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	263,387	274,075	293,223	322,300	338,852	359,728	386,801	403,296	414,729	448,012*	483,402	516,548
Chemicals and allied products	642,300*	701,926*	731,293*	759,700*	817,195*	897,563*	595,320	598,891	612,567	614,821	621,067*	674,681
Petroleum and coal products	51,624*	34,460*	32,152*	32,562*	34,790*	31,710*	194,036*	215,770*	234,880*	250,425*	279,018	271,416
Tobacco manufactures	(L)	(D)	(D)	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	94,906*	93,528*	108,057*	124,657*	134,851*	(D)	998,276	981,196	987,360	1,084,129	1,086,914	1,107,197
Leather and leather products	36,190	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,016*	701	727*	(D)
Durable goods	2,882,600	2,783,503	2,858,776	3,145,770	3,353,046	3,472,669	6,746,750	6,135,876	6,052,651	6,599,364	6,890,298	6,801,655
Lumber and wood products	35,171*	31,362*	36,456*	38,719*	41,711*	47,056*	25,869	22,628	25,486	27,394	32,041	33,930
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	45,916*	48,119*	(D)	(D)	55,200*	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,030,745*	936,061*
Fabricated metal products	501,814	(D)	(D)	(D)	(D)	(D)	1,412,649	1,284,718	1,296,057	1,441,564	1,501,379	1,537,248
Machinery, except electrical	672,506	603,783	534,298	658,938	698,999	719,075	1,529,434	1,328,348	1,153,761	1,284,461	1,347,365	1,280,249
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	741,902	728,400	710,650	708,633	741,129*	731,750*
Transportation equip. exc. motor vehicles	507,547*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	288,061*	(D)	(D)	(D)	(D)	(D)	847,519*	791,903*	971,380*	1,018,539*	1,100,386*	1,089,963*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	171,221	145,283	135,714	144,694	147,366	141,523
Instruments and related products	38,853*	42,945*	44,193*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	72,793*	84,572*	87,896*	81,878*	91,933	102,314
Transportation and public utilities	981,538	978,434*	1,010,215*	1,075,863*	1,126,716*	1,199,133	1,787,845	1,787,327	1,801,618	1,905,819	1,907,989	1,992,120
Railroad transportation	116,190	110,306	108,571	116,989	114,403	106,765	133,539	112,131	95,148	98,794	91,753	88,100
Trucking and warehousing	349,002	333,803	321,132	349,924	355,248	350,880	569,627	527,014	522,946	579,133	574,208	593,039
Water transportation	14,985*	18,378*	18,401*	21,402*	21,274*	(D)	91,290*	68,562*	62,177*	68,920*	67,970*	66,383*
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	171,454*	(D)	(D)	(D)	214,684*	222,932*
Communication	236,262*	269,150*	297,118*	315,583*	331,698*	355,677*	(D)	(D)	(D)	534,768*	495,244*	522,545*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	996,770	1,043,074	1,051,396	1,199,534	1,304,396	1,391,912	1,881,275	1,940,681	1,918,739	2,133,941	2,301,138	2,371,933
Retail trade	1,292,313	1,334,399	1,472,556	1,552,668	1,678,220	1,808,772	2,166,826	2,226,664	2,363,391	2,493,404	2,631,961	2,772,663
Finance, insurance, and real estate	681,142	675,210	764,962	801,744	882,312	1,044,034	1,118,022	1,117,082	1,297,000	1,333,978	1,437,504	1,691,081
Banking and credit agencies	211,588	215,583*	230,308*	248,040*	267,271*	(D)	448,825	455,871*	491,269*	515,318*	535,185*	572,182*
Other finance, insurance, and real estate[9]	469,554	436,395*	509,043*	524,378*	583,252*	(D)	669,197	626,769*	767,697*	785,101*	858,496*	1,062,946*
Services	2,409,286	2,563,737	2,837,046	3,177,731	3,543,107	3,856,791	4,787,301	5,093,951	5,544,738	6,179,319	6,819,620	7,389,056
Hotels and other lodging places	61,448	56,549*	66,834*	72,539*	70,632*	77,131*	86,276*	73,760	87,988	83,003*	79,569*	87,741*
Personal services	111,751	122,910	132,530	145,053	174,413	186,351	199,308	209,007	214,490	230,363	264,027	277,079
Private households	38,341	40,872	42,251	46,800	46,799	47,924	55,450	57,179*	59,107*	67,553	67,516	69,131
Business services	346,758	374,605	452,679	543,019	650,870	720,995	660,234	704,045	816,225	986,037	1,145,468	1,281,755
Auto repair, services, and garages	102,793	90,815	102,333	119,182	134,327	144,779	174,852	165,426	173,009	203,717	228,153	245,342
Miscellaneous repair services	38,022	34,304*	38,559*	43,047*	42,470	45,402	78,422	73,041	77,441	91,062	93,997	96,973
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	135,238*	(D)	134,764	146,142	159,806	176,572	185,323
Motion pictures	(D)	(D)	(D)	11,745*	10,925*	9,857*	10,713*	11,258*	11,144*	(D)	(D)	(D)
Health services	893,712	1,011,436	1,090,461	1,166,383	1,270,357	1,376,824	1,709,917	1,984,690	2,131,695	2,253,855	2,428,479	2,635,907
Legal services	145,867	161,301	178,271	214,134	231,191	259,797	356,863	396,606	437,720	514,821	570,862	637,293
Educational services	76,881*	(D)	(D)	(D)	(D)	(D)	228,171*	(D)	(D)	287,339*	306,086*	322,965*
Social services	84,767	86,473	95,185	107,838	117,067	124,761	122,531*	126,080*	138,307*	155,866*	166,464*	185,380
Museums, botanical, zoological gardens	4,015	4,270*	4,654*	5,040*	5,519*	6,080*	(D)	8,944*	9,597*	10,052*	10,147*	10,895*
Membership organizations	103,520*	120,454	125,231	133,173	139,387	141,032	202,328*	221,462	232,358	240,969	251,147	253,725
Miscellaneous services	284,759	264,938	295,520	343,806	395,164	448,446	743,644	674,746	735,797	865,970	999,842	1,073,864
Government and government enterprises	1,515,007	1,610,433	1,690,358	1,813,157	1,930,292	2,067,435	2,717,633	2,906,340	3,046,125	3,232,009	3,443,394	3,594,857
Federal, civilian	309,520	313,253	322,444	344,744	371,544	388,111	581,474	596,976	631,064	658,222	702,047	696,284
Military	22,177	26,477	30,038	34,708	37,552	39,828	41,547	47,209	51,055	56,995	61,376	65,561
State and local	1,183,310	1,270,703	1,337,876	1,433,705	1,521,196	1,639,496	2,094,612	2,262,155	2,364,006	2,516,792	2,679,971	2,833,012

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Dallas—Fort Worth, TX (CMSA)						Denver—Boulder, CO (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**38,548,528**	**42,564,964**	**46,545,984**	**52,546,695**	**58,146,445**	**60,689,712**	**22,085,193**	**24,359,904**	**26,138,610**	**28,434,946**	**30,091,517**	**31,432,912**
Nonfarm personal income	38,486,772	42,468,651	46,425,388	52,458,701	58,045,809	60,592,347	22,038,590	24,318,305	26,062,166	28,366,545	30,013,681	31,340,323
Farm income[1]	61,756	96,313	120,596	87,994	100,636	97,365	46,603	41,599	76,444	68,401	77,836	92,589
Population (thousands)[2]	3,031.3	3,154.1	3,265.8	3,379.6	3,525.8	3,655.3	1,672.5	1,722.4	1,767.7	1,797.4	1,828.0	1,847.4
Per capita personal income (dollars)	**12,717**	**13,495**	**14,253**	**15,548**	**16,492**	**16,603**	**13,205**	**14,143**	**14,787**	**15,820**	**16,462**	**17,014**
Derivation of total personal income:												
Total earnings by place of work	31,888,604	34,897,099	38,622,798	44,047,751	48,724,694	50,759,403	18,038,651	19,914,920	21,222,843	23,240,933	24,631,251	25,678,644
Less: Personal contributions for social insurance[3]	1,656,431	1,839,649	2,070,646	2,375,816	2,752,457	2,897,970	990,376	1,090,301	1,134,978	1,252,236	1,382,341	1,451,710
Plus: Adjustment for residence	−396,268	−428,910	−472,342	−596,787	−696,224	−691,821	−476,426	−608,173	−635,815	−693,380	−742,683	−802,206
Equals: Net earnings by place of residence	29,835,905	32,628,540	36,079,810	41,075,148	45,276,013	47,169,612	16,571,849	18,216,446	19,452,050	21,295,317	22,506,227	23,424,728
Plus: Dividends, interest, and rent[5]	5,438,713	6,206,427	6,420,062	7,297,204	8,255,109	8,547,618	3,386,541	3,752,390	4,070,906	4,446,331	4,705,470	4,920,721
Plus: Transfer payments	3,273,910	3,729,997	4,046,112	4,174,343	4,615,323	4,972,482	2,126,803	2,391,068	2,615,654	2,693,298	2,879,820	3,087,463
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	26,256,580	28,837,507	31,699,685	36,319,138	40,310,950	41,876,807	15,204,875	16,855,745	17,775,621	19,464,776	20,540,640	21,323,646
Other labor income	2,682,448	3,052,073	3,373,741	3,665,524	3,944,843	4,117,350	1,357,507	1,614,343	1,731,094	1,828,502	1,908,166	1,978,946
Proprietors' income[6]	2,949,576	3,007,519	3,549,372	4,063,089	4,468,901	4,765,246	1,476,269	1,444,832	1,716,128	1,947,655	2,182,445	2,376,052
Farm	45,715	78,504	103,423	71,071	83,500	80,171	25,619	19,970	55,518	47,828	56,849	71,454
Nonfarm	2,903,861	2,929,015	3,445,949	3,992,018	4,385,401	4,685,075	1,450,650	1,424,862	1,660,610	1,899,827	2,125,596	2,304,598
Earnings by industry:												
Farm	61,756	96,313	120,596	87,994	100,636	97,365	46,603	41,599	76,444	68,401	77,836	92,589
Nonfarm	31,826,848	34,800,786	38,502,202	43,959,757	48,624,058	50,662,038	17,992,048	19,873,321	21,146,399	23,172,532	24,553,415	25,586,055
Private	28,678,127	31,312,220	34,688,027	39,796,574	44,038,601	45,782,367	15,247,428	16,898,809	17,985,860	19,806,609	20,941,984	21,747,364
Agricultural services, forestry, fisheries, and other[7]	92,187	104,536	126,891	142,005	158,266	168,351	65,479	74,194	86,039	92,288	94,978	103,666
Agricultural services	85,666*	(D)	111,617*	(D)	(D)	154,685*	(D)	73,880	83,732	90,729	93,036	101,503
Forestry, fisheries, and other[7]	(D)	1,040*	4,246*	3,262*	3,812*	3,202*	(D)	314	2,307	1,559	1,942	2,163
Mining	1,242,644	1,387,957	1,353,703	1,442,109	1,518,620	1,435,193	993,560	1,185,526	1,129,749	1,117,684	1,102,464	1,009,003
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	17,617	26,472	29,451	27,588	31,054	29,979
Oil and gas extraction	1,163,253*	1,293,095*	1,255,439*	1,321,623*	1,387,342*	1,301,878*	820,445	1,009,730	972,180	967,331	969,563*	885,285*
Metal mining	(D)	(D)	(D)	(D)	(D)	406	146,583	135,652*	115,315*	109,067*	86,003*	90,669
Nonmetallic minerals, except fuels	(D)	23,420*	25,568*	28,096*	(D)	(D)	8,915	13,207*	12,326*	12,333*	(D)	(D)
Construction	2,311,744	2,590,695	3,075,220	3,652,572	3,984,859	3,968,927	1,295,300	1,514,834	1,607,747	1,782,593	1,769,676	1,683,113
Manufacturing	7,264,214	7,424,822	7,858,763	8,920,741	9,914,964	10,114,910	3,067,971	3,274,832	3,361,409	3,771,616	3,920,169	4,117,125
Nondurable goods	1,973,638	2,058,659	2,190,430	2,421,923	2,575,532	2,692,593	1,114,115	1,182,621	1,240,425	1,363,279	1,427,715	1,480,301
Food and kindred products	472,228*	501,511*	535,990*	572,811*	613,435*	668,133*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	10,185*	11,405*	14,221*	15,452*	14,500*	13,137*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	210,870*	200,032*	201,141*	209,995*	207,934*	189,890*	(D)	31,105*	26,324*	30,817*	34,292*	35,142*
Paper and allied products	182,055*	185,453*	199,132*	235,573*	223,926*	215,665*	40,560*	(D)	(D)	(D)	(D)	(D)
Printing and publishing	466,600*	515,479*	565,538*	642,367*	722,885	780,808*	224,552*	258,891*	286,665*	341,514*	373,760*	385,277*
Chemicals and allied products	278,426*	282,163*	295,197*	314,166*	352,964*	351,783*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	74,745	(D)	77,045*	83,137*	78,807*	113,838*	31,099*	31,179	32,402	33,081	35,341	35,650
Tobacco manufactures	0	0	0	(D)	304	344	113	(L)	57	76	(L)	(D)
Rubber and misc. plastic products	209,329*	213,915*	235,733*	281,287*	292,149*	290,702	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	5,290,576	5,366,163	5,668,333	6,498,818	7,339,432	7,422,317	1,953,856	2,092,211	2,120,984	2,408,337	2,492,454	2,636,824
Lumber and wood products	122,317*	129,141*	160,229*	189,875*	207,449*	194,446*	29,818	27,722*	32,877*	39,533*	39,041	35,882
Furniture and fixtures	(D)	86,138*	95,502*	(D)	107,163*	124,061*	30,896*	34,802*	36,192*	43,906	44,880	45,619
Primary metal industries	164,698*	(D)	(D)	156,797*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	534,927*	518,680*	524,536*	578,007*	602,702*	585,340*	(D)	177,817*	174,010*	200,313	206,954	206,082
Machinery, except electrical	1,157,363*	1,097,556*	1,011,319*	1,171,855*	1,324,759	1,002,944*	(D)	(D)	(D)	522,776	428,563	447,238
Electric and electronic equipment	1,237,972*	1,301,075*	1,425,614*	1,679,073*	2,047,874*	2,216,544*	(D)	255,332	274,488	(D)	(D)	414,458
Transportation equip. exc. motor vehicles	1,252,246*	1,255,842*	1,315,999*	1,438,148*	1,693,810*	1,979,840*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	236,822*	209,311*	265,245*	307,665*	322,791*	(D)	26,833	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	213,044	232,240*	262,972*	314,253	337,218*	352,221*	212,256*	199,449*	190,992*	225,194*	218,765	218,764
Instruments and related products	158,991*	183,733*	194,319*	216,419*	202,136*	211,492*	308,798*	349,160*	389,990*	430,900*	(D)	(D)
Miscellaneous manufacturing industries	105,846*	91,140	105,409	148,596	149,196	140,030	60,817	55,833	60,855	61,447*	58,981*	61,787*
Transportation and public utilities	2,749,419	2,978,794	3,155,114	3,506,249	3,808,003	4,024,712	1,676,903	1,861,953	2,017,677	2,116,760	2,266,044	2,386,234
Railroad transportation	171,273	(D)	(D)	189,676	186,373	182,239	114,926	113,562	114,732	120,131	112,191	103,183
Trucking and warehousing	724,525*	(D)	(D)	(D)	(D)	(D)	309,788	325,977	338,158	369,351*	364,623	364,682
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	485,749*	(D)	(D)	(D)	(D)	(D)
Communication	655,938*	(D)	(D)	829,703*	901,909*	942,086*	(D)	(D)	(D)	756,294	850,035	876,907
Electric, gas, and sanitary services	322,200*	370,354*	410,255*	443,343*	495,571*	523,749*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,385,127	3,664,973	3,856,195	4,230,308	4,611,188	4,844,128	1,519,236	1,602,633	1,613,910	1,775,750	1,851,693	1,852,448
Retail trade	3,384,406	3,723,980	4,268,345	4,911,155	5,323,781	5,504,882	1,766,446	1,913,977	2,090,491	2,295,841	2,396,621	2,480,235
Finance, insurance, and real estate	2,458,044	2,725,603	3,302,222	3,945,932	4,555,172	4,878,112	1,238,306	1,371,167	1,590,874	1,777,178	1,958,484	2,163,943
Banking and credit agencies	656,536*	789,838*	951,456*	1,131,872*	1,343,083*	1,463,680*	409,919	467,523*	549,235*	608,806*	687,554	763,761
Other finance, insurance, and real estate[9]	1,795,598*	1,929,243*	2,343,656*	2,805,354*	3,205,977*	3,408,319*	828,387	853,122*	982,886*	1,101,164*	1,270,930	1,400,182
Services	5,790,342	6,710,860	7,691,574	9,045,503	10,163,748	10,843,152	3,624,227	4,099,693	4,487,964	5,076,899	5,581,855	5,951,597
Hotels and other lodging places	212,205*	226,297*	310,555*	348,573*	346,498*	396,179*	115,087	116,941*	134,195*	137,038*	140,773*	150,206*
Personal services	350,316	398,639	452,068	505,872	565,965	586,381	161,483	182,679	205,427	222,726	264,900	277,807
Private households	(D)	141,315	150,738	169,772	172,934	180,258	28,406*	34,231*	36,364*	40,760*	41,314*	42,715*
Business services	1,380,421	1,704,323	2,031,204	2,471,449	2,943,214	3,151,969	749,797	859,524	1,003,771	1,196,546	1,371,937	1,459,786
Auto repair, services, and garages	280,950	294,504	333,155	403,646	444,166	459,103	149,134	160,878	178,954	217,163	229,505	237,368
Miscellaneous repair services	98,315	107,309	125,440	155,782	144,247	145,881	66,077	(D)	(D)	(D)	82,762	86,545
Amusement and recreation services	137,793*	151,867*	174,772*	212,665*	237,545*	243,365*	83,903	89,183	101,176	115,327	134,151	135,590
Motion pictures	39,666*	42,652*	46,907*	53,865*	65,814*	70,980*	(D)	14,892	16,882	22,910*	27,589*	30,298*
Health services	1,482,607	1,754,765	1,957,885	2,123,873	2,348,201	2,527,549	934,490	1,104,724	1,206,420	1,300,518	1,394,930	1,517,570
Legal services	407,726	517,500	620,381	784,625	917,920	1,028,663	289,762	360,697	405,465	481,270	526,735	581,349
Educational services	153,462*	176,599*	197,846*	229,933*	255,147*	272,456*	110,669	114,683*	122,998*	134,129*	141,032*	148,478*
Social services	98,393*	110,585*	122,320*	147,698*	162,759*	162,601*	73,056*	79,830	88,158	95,695	111,352	128,551
Museums, botanical, zoological gardens	(D)	6,115*	7,141*	8,881*	10,172*	11,674*	(D)	(D)	(D)	(D)	3,093*	3,405*
Membership organizations	199,255*	228,799	246,052	265,773	288,744	297,872	150,842*	172,442	181,742	197,497	206,595	214,340
Miscellaneous services	806,861	844,081	909,150	1,157,916	1,254,854	1,301,368	691,888	728,891	717,623	812,814	893,532	925,969
Government and government enterprises	3,148,721	3,488,566	3,814,175	4,163,183	4,585,457	4,879,671	2,744,620	2,974,512	3,160,539	3,365,923	3,611,431	3,838,691
Federal, civilian	828,575	867,619	936,341	1,028,761	1,128,638	1,151,045	804,658	841,343	891,683	938,541	984,806	1,000,209
Military	144,209	173,909	181,349	192,788	212,750	223,578	231,485	256,110	236,392	238,612	263,061	275,826
State and local	2,175,937	2,447,038	2,696,485	2,941,634	3,244,069	3,505,048	1,708,477	1,877,059	2,032,464	2,188,770	2,363,564	2,562,656

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Detroit—Ann Arbor, MI (CMSA)						Houston—Galveston—Brazoria, TX (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**55,776,094**	**56,332,234**	**59,640,081**	**65,895,778**	**72,040,590**	**76,769,040**	**44,799,318**	**49,230,228**	**49,374,532**	**52,213,097**	**54,571,872**	**54,101,283**
Nonfarm personal income	55,672,814	56,234,375	59,561,358	65,797,563	71,926,988	76,662,859	44,725,316	49,158,527	49,292,513	52,100,467	54,465,689	54,009,517
Farm income[1]	103,280	97,859	78,723	98,215	113,602	106,181	74,002	71,701	82,019	112,630	106,183	91,766
Population (thousands)[2]	4,695.6	4,631.7	4,587.4	4,582.3	4,592.0	4,600.7	3,274.6	3,469.6	3,569.5	3,590.7	3,605.5	3,634.3
Per capita personal income (dollars)	**11,878**	**12,162**	**13,001**	**14,380**	**15,688**	**16,686**	**13,681**	**14,189**	**13,832**	**14,541**	**15,136**	**14,886**
Derivation of total personal income:												
Total earnings by place of work	42,077,841	41,425,061	43,831,318	49,128,952	54,800,520	58,752,532	39,160,514	42,669,676	42,151,878	44,261,923	45,630,038	44,285,200
Less: Personal contributions for social insurance[3]	2,524,764	2,629,448	2,700,718	3,063,597	3,609,102	3,915,826	2,026,181	2,233,550	2,248,278	2,359,503	2,551,912	2,500,449
Plus: Adjustment for residence	−162,441	−128,498	−152,571	−143,248	−151,781	−248,576	−435,959	−520,027	−488,065	−516,136	−400,198	−293,211
Equals: Net earnings by place of residence	39,390,636	38,667,115	40,978,029	45,922,107	51,039,637	54,588,130	36,698,374	39,916,099	39,415,535	41,386,284	42,677,928	41,491,540
Plus: Dividends, interest, and rent[5]	8,051,434	8,442,643	8,889,468	10,100,242	10,791,289	11,320,709	5,303,003	6,014,994	6,094,291	6,873,402	7,561,102	7,856,532
Plus: Transfer payments	8,334,024	9,222,476	9,772,584	9,873,429	10,209,664	10,860,201	2,797,941	3,299,135	3,864,706	3,953,411	4,332,842	4,753,211
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	35,305,737	34,808,413	36,658,535	41,122,983	46,005,357	49,218,316	32,798,929	35,837,502	34,993,321	36,618,437	37,623,018	36,135,317
Other labor income	4,537,444	4,504,194	4,695,463	5,114,673	5,564,476	5,952,705	3,522,943	3,996,332	3,897,166	3,850,705	3,788,905	3,632,743
Proprietors' income[6]	2,234,660	2,112,454	2,477,320	2,891,296	3,230,687	3,581,511	2,838,642	2,835,842	3,261,391	3,792,781	4,218,115	4,517,140
Farm	76,333	68,589	50,950	70,897	85,995	78,494	54,948	50,288	61,361	92,278	85,571	71,092
Nonfarm	2,158,327	2,043,865	2,426,370	2,820,399	3,144,692	3,503,017	2,783,694	2,785,554	3,200,030	3,700,503	4,132,544	4,446,048
Earnings by industry:												
Farm	103,280	97,859	78,723	98,215	113,602	106,181	74,002	71,701	82,019	112,630	106,183	91,766
Nonfarm	41,974,561	41,327,202	43,752,595	49,030,737	54,686,918	58,646,351	39,086,512	42,597,975	42,069,859	44,149,293	45,523,855	44,193,434
Private	36,739,180	35,833,142	38,047,743	43,033,683	48,415,496	51,889,622	35,910,212	38,964,743	38,040,245	39,786,345	40,673,871	39,245,020
Agricultural services, forestry, fisheries, and other[7]	89,311	89,382	101,263	106,376	118,340	144,487	106,024	122,372	145,551	150,327	147,857	144,394*
Agricultural services	81,252*	89,311	98,324	102,418*	116,465	142,136	97,791	116,606	131,739	140,720	134,092	129,004*
Forestry, fisheries, and other[7]	(D)	71	2,939	2,661*	1,875	2,351	8,233	5,766	13,812	9,607	13,765	15,401
Mining	137,270	113,294	101,224	116,553	163,318	164,444	3,921,981	4,510,188	4,265,708	4,457,602	4,492,045	3,851,166*
Coal mining	354	(D)	(D)	(D)	267	276	(D)	(D)	(D)	(D)	26,632	22,419
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,734,146*	4,363,073*	4,104,521*	4,248,948*	4,283,564*	3,684,184*
Metal mining	(L)	(D)	(D)	(D)	156	523	(D)	(D)	(D)	(D)	(D)	7,386*
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	38,391*	(D)	(D)	(D)	(D)	(D)
Construction	1,734,249	1,486,473*	1,491,095*	1,730,258*	2,135,234*	2,413,918*	4,490,281	4,722,720	4,544,340	4,445,496	3,968,418	3,708,179
Manufacturing	16,554,453	15,397,568	16,179,588	19,069,696	21,418,484	22,277,253	7,740,440	7,803,871	6,627,059	6,713,609	6,789,657	6,268,982
Nondurable goods	2,013,360	1,995,459	2,164,307	2,404,015	2,661,035	2,758,157	3,302,182	3,601,565	3,631,020	3,682,093	3,754,690	3,664,982
Food and kindred products	426,632*	402,546*	418,663*	423,781*	397,223*	396,236*	297,340*	346,808*	356,298*	374,909*	387,617*	391,698*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	4,934*	3,218	1,860	2,544	2,061	1,536
Apparel and other textile products	284,454*	284,555*	333,339*	(D)	424,792*	530,202*	17,461*	20,396*	18,603*	20,862*	19,386*	18,377*
Paper and allied products	97,425*	(D)	(D)	112,590*	116,986*	123,848*	116,982*	(D)	117,314*	122,547*	125,337*	129,945*
Printing and publishing	392,358*	413,784*	441,672*	500,337*	567,477*	561,894*	318,654*	365,255	370,248	389,508	419,150	408,396
Chemicals and allied products	348,110*	352,366*	338,537*	361,837*	404,799*	429,386*	1,348,644*	1,444,440*	1,505,571*	1,554,980	1,628,021*	1,645,929*
Petroleum and coal products	58,542	59,888	59,244	59,342*	63,847*	67,578*	993,600*	1,120,438*	1,092,396*	1,056,006*	1,015,528*	899,658*
Tobacco manufactures	52	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	302,244	296,023	354,799	447,747*	530,604*	537,423	164,552*	152,703*	139,106*	152,969*	145,668*	138,191*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	745	(D)	(D)	(D)	(D)	(D)
Durable goods	14,541,093	13,402,109	14,015,281	16,665,681	18,757,449	19,519,096	4,438,258	4,202,306	2,996,039	3,031,516	3,034,967	2,604,000
Lumber and wood products	37,241	32,983*	33,387*	37,555*	46,815*	56,415*	57,883*	69,870*	74,058*	76,954*	69,917*	69,403
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	25,160*	27,680*	27,556*	30,360*	30,946*	30,649*
Primary metal industries	1,233,330*	932,563*	920,971*	945,166*	906,061*	989,422*	(D)	(D)	(D)	215,571*	(D)	(D)
Fabricated metal products	1,581,464	1,394,946	1,500,599	1,873,373	2,128,683	2,146,253	903,872	862,492*	654,540*	639,493*	651,696*	581,052*
Machinery, except electrical	2,711,283	2,389,309	2,153,608	2,516,888	2,776,713	2,817,811	1,963,705*	1,916,619*	1,199,813*	1,222,125*	1,278,156	1,012,251*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	176,566*	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	7,799,181	7,377,470*	8,036,596*	9,730,164*	11,130,606*	11,780,273*	22,837	21,365*	20,103*	23,831*	26,233*	23,914*
Stone, clay, and glass products	294,551*	277,432*	300,932*	354,316*	364,630*	363,516*	202,180*	197,932	187,575	186,417	176,978	161,119
Instruments and related products	102,942*	108,676*	106,889*	121,351*	139,382*	146,388*	162,407*	168,052*	141,672*	161,215*	176,067*	146,752*
Miscellaneous manufacturing industries	74,631*	66,909*	65,935*	83,538*	90,626*	105,273	69,870	55,247	63,286	79,062	71,746	72,065
Transportation and public utilities	2,460,797*	2,494,648*	2,603,959*	2,769,642*	3,009,678*	3,185,266*	3,135,077	3,388,986	3,333,731	3,394,728	3,547,357	3,571,359
Railroad transportation	(D)	(D)	(D)	190,008	177,609*	163,284*	169,919*	164,208	164,276	180,395	169,422	159,340
Trucking and warehousing	614,323*	572,825*	606,244*	756,568	833,195	897,716	644,336	639,184	577,245	638,663	634,851	617,095*
Water transportation	13,816*	13,405*	15,920*	(D)	19,122*	21,182*	391,858*	373,280*	320,546*	329,235*	316,781*	291,353*
Other transportation[8]	(D)	282,389*	308,765*	(D)	432,086*	501,896*	625,509*	718,022*	679,560*	638,942*	702,279*	744,325*
Communication	(D)	(D)	(D)	707,841*	759,001*	772,772*	599,205*	691,769*	708,801*	658,796*	706,803*	675,816*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	685,273*	789,415	871,449	939,635	965,020*	1,020,329*
Wholesale trade	2,394,269	2,356,047	2,420,763	2,894,339	3,150,644	3,442,479	3,714,865	3,938,646	3,626,253	3,758,267	3,947,096	3,770,622
Retail trade	3,724,306	3,684,508	3,927,915	4,199,953	4,494,294	4,857,724	3,267,763	3,644,582	3,808,827	4,050,929	4,135,004	3,997,016
Finance, insurance, and real estate	1,880,320	1,868,103	2,061,225	2,143,864	2,391,995	2,826,905	2,253,632	2,612,192	3,003,613	3,246,613	3,372,603	3,476,805
Banking and credit agencies	742,042*	787,033*	836,991*	893,199*	980,993*	1,093,718*	672,824	842,371	950,538	1,038,305	1,113,134*	1,118,033*
Other finance, insurance, and real estate[9]	1,116,735*	1,060,725*	1,200,586*	1,219,082*	1,375,234*	1,687,741*	1,580,808	1,769,821	2,053,075	2,208,308	2,254,218*	2,353,479*
Services	7,599,777*	8,112,391	8,908,750	9,832,425	11,378,124	12,409,953	7,280,149	8,221,186	8,685,163	9,568,774	10,273,834	10,449,690
Hotels and other lodging places	(D)	114,360*	123,029*	123,406	127,585*	161,945*	220,389*	240,164*	275,231*	277,540*	253,613*	240,393*
Personal services	331,527	328,528	345,383	361,957	431,269	463,431	310,767	345,944	373,470	390,218	433,019	434,671
Private households	(D)	82,284	84,671	93,804	94,076	95,957*	(D)	162,219	173,041	195,058	198,787	207,264
Business services	1,204,462	1,367,061	1,627,164	1,954,853	2,737,372	3,117,805	1,828,326	2,004,475	2,143,768	2,394,954	2,694,442	2,661,391
Auto repair, services, and garages	275,900	280,013	306,223	345,692	397,898	424,817	266,500	280,306	289,698	327,197	344,742	340,713
Miscellaneous repair services	154,464	148,653	165,701	203,033	222,962	230,881	202,547	203,515	175,535	195,934	183,459	168,602
Amusement and recreation services	181,596	178,449	193,965	206,265	226,802	252,253	130,325*	148,251*	163,458*	185,743*	208,164*	201,781*
Motion pictures	28,415*	(D)	(D)	(D)	(D)	(D)	20,374*	24,303*	20,659*	22,409*	20,736*	19,604*
Health services	2,982,761	3,233,819	3,464,995	3,532,800	3,658,099	3,861,206	1,677,745	2,035,731	2,216,341	2,357,768	2,486,356	2,622,259
Legal services	493,200	576,949	635,544	722,125	798,468	890,204	548,995	696,249	833,459	986,427	1,110,579	1,230,994
Educational services	148,781*	155,973*	165,347*	184,801*	193,076	205,615	187,458*	219,010	246,649	282,289	303,737	330,453
Social services	176,469	193,434	210,823	235,762	274,434	299,941	96,933*	101,545	107,272	122,975	142,564	145,546
Museums, botanical, zoological gardens	(D)	12,605*	12,394*	11,616*	10,988*	12,102*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	358,620	378,322	395,817	404,332	426,129	446,690	198,823*	225,386*	243,842*	260,947	275,768	279,549
Miscellaneous services	1,140,331	1,020,127	1,131,224	1,373,776	1,676,816	1,832,209	1,427,046	1,525,406	1,413,742	1,561,230	1,609,113	1,546,301
Government and government enterprises	5,235,381	5,494,060	5,704,852	5,997,054	6,271,422	6,756,729	3,176,300	3,633,232	4,029,614	4,362,948	4,849,984	4,948,414
Federal, civilian	797,442	829,369	877,324	917,290	979,441	955,619	606,003	636,208	687,038	742,679	803,388	788,397
Military	72,826	84,057	91,125	101,786	110,737	120,860	62,127	79,854	86,919	92,620	102,153	108,323
State and local	4,365,113	4,580,634	4,736,403	4,977,978	5,181,244	5,680,250	2,508,170	2,917,170	3,255,657	3,527,649	3,944,443	4,051,694

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Los Angeles—Anaheim—Riverside, CA (CMSA)						Miami—Fort Lauderdale, FL (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**151,526,380**	**160,552,942**	**171,543,104**	**189,261,165**	**205,927,676**	**222,431,996**	**32,828,284**	**34,655,985**	**37,255,157**	**40,407,063**	**43,650,278**	**47,010,099**
Nonfarm personal income	150,805,885	159,731,953	170,606,920	188,246,074	204,838,365	221,269,109	32,725,533	34,529,808	37,065,605	40,239,924	43,461,510	46,806,071
Farm income[1]	720,495	820,989	936,184	1,015,091	1,089,311	1,162,887	102,751	126,177	189,552	167,139	188,768	204,028
Population (thousands)[2]	11,761.8	12,018.4	12,270.8	12,488.7	12,759.3	13,074.8	2,755.3	2,783.6	2,809.7	2,830.8	2,864.6	2,912.0
Per capita personal income (dollars)	**12,883**	**13,359**	**13,980**	**15,155**	**16,139**	**17,012**	**11,915**	**12,450**	**13,260**	**14,274**	**15,238**	**16,144**
Derivation of total personal income:												
Total earnings by place of work	113,442,773	119,029,655	128,195,113	142,376,226	156,064,753	168,904,090	21,066,563	21,948,851	23,848,099	25,999,316	28,202,451	30,395,267
Less: Personal contributions for social insurance[3]	6,073,996	6,483,389	7,338,855	8,173,600	9,352,490	10,186,993	1,099,414	1,163,788	1,278,393	1,412,939	1,604,746	1,744,894
Plus: Adjustment for residence	−79,402	−58,542	−22,445	−4,406	−30,415	−114,682	−101,194	−63,066	−113,459	−108,722	−146,010	−81,583
Equals: Net earnings by place of residence	107,289,375	112,487,724	120,833,813	134,198,220	146,681,848	158,602,415	19,865,955	20,721,997	22,456,247	24,477,655	26,451,695	28,568,790
Plus: Dividends, interest, and rent[5]	24,102,807	25,927,864	27,378,944	31,120,202	33,156,164	35,684,601	8,243,201	8,724,900	9,212,526	10,084,348	10,865,426	11,627,597
Plus: Transfer payments	20,134,198	22,137,354	23,330,347	23,942,743	26,089,664	28,144,980	4,719,128	5,209,088	5,586,384	5,845,060	6,333,157	6,813,712
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	93,290,362	97,922,107	104,372,781	115,666,395	126,567,376	136,644,780	17,690,680	18,671,243	20,035,929	21,823,318	23,592,946	25,302,007
Other labor income	9,465,596	10,339,536	11,211,657	11,927,230	12,687,760	13,547,964	1,605,140	1,776,449	1,940,232	2,026,717	2,148,939	2,281,431
Proprietors' income[6]	10,686,815	10,768,012	12,610,675	14,782,601	16,809,617	18,711,346	1,770,743	1,501,159	1,871,938	2,149,281	2,460,566	2,811,829
Farm	439,810	487,547	603,218	683,191	738,340	795,169	65,844	83,267	147,809	126,026	147,095	162,311
Nonfarm	10,247,005	10,280,465	12,007,457	14,099,410	16,071,277	17,916,177	1,704,899	1,417,892	1,724,129	2,023,255	2,313,471	2,649,518
Earnings by industry:												
Farm	720,495	820,989	936,184	1,015,091	1,089,311	1,162,887	102,751	126,177	189,552	167,139	188,768	204,028
Nonfarm	112,722,278	118,208,666	127,258,929	141,361,135	154,975,442	167,741,203	20,963,812	21,822,674	23,658,547	25,832,177	28,013,683	30,191,239
Private	98,373,580	102,872,893	110,987,816	123,902,521	135,888,023	147,245,819	18,389,171	19,007,925	20,554,123	22,474,668	24,315,775	26,206,776
Agricultural services, forestry, fisheries, and other[7]	584,201	581,374	683,403	707,789	738,876	813,967	100,204	105,830	117,659	125,463	135,282	143,160
Agricultural services	544,323	555,129	636,472	671,712	693,321	763,789	97,326	103,654	112,182	121,399	127,919	135,184
Forestry, fisheries, and other[7]	39,878	26,245	46,931	36,077	45,555	50,178	2,878	2,176	5,477	4,064	7,363	7,976
Mining	1,033,563	1,041,979	1,018,086	1,084,784	1,106,063	986,318	165,313	161,897	138,573	145,889	199,282	198,312
Coal mining	1,218	(D)	(D)	(D)	(D)	2,873	2,780	2,921*	3,513*	3,635*	3,908*	4,097*
Oil and gas extraction	901,431*	948,149	925,469	983,806	996,548	915,221	140,054	139,512	114,554	116,159	166,719	164,321
Metal mining	(D)	(D)	(D)	(D)	(D)	6,002	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	81,882	(D)	(D)	(D)	102,335	62,222	(D)	19,454	20,419	25,971	28,546	29,761
Construction	6,823,586	6,427,264	6,626,242	7,666,223	8,652,146	9,789,663	1,691,495	1,555,702	1,638,015	1,837,511	1,930,916	2,067,911
Manufacturing	28,237,823	28,833,220	30,265,239	33,162,338	35,343,009	36,927,228	2,333,849	2,396,862	2,517,967	2,759,294	2,851,714	2,967,475
Nondurable goods	7,510,987	7,768,362	8,205,875	8,790,361	9,106,313	9,607,078	982,741	1,008,226	1,075,633	1,168,292	1,214,843	1,294,727
Food and kindred products	1,509,420	1,605,498	1,687,718	1,750,830	1,736,954	1,812,990	141,704	153,289	166,715	160,183	164,528	176,790
Textile mill products	181,081*	173,781*	206,227*	221,244*	239,662*	268,059*	31,429	25,555	30,759	32,055	31,433	34,926
Apparel and other textile products	981,023	984,164	1,036,215	1,165,010	1,180,642*	1,336,655	226,683	219,720	227,053	238,935	228,541	239,027
Paper and allied products	573,575*	599,667	627,513	693,225	726,692	746,631*	33,202	33,569	36,319	41,367	46,093	48,757
Printing and publishing	1,521,885	1,578,314	1,730,537	1,890,472	2,016,552	2,158,079	283,069	308,278	335,946	390,869	442,679	485,782
Chemicals and allied products	938,628	995,315	1,024,704	1,110,620	1,135,565	1,156,692	80,909	97,930	105,933	115,598	119,897	138,153
Petroleum and coal products	752,454	(D)	827,107*	793,678	897,717	875,107	11,035	11,198	11,619	14,363	14,539	17,542
Tobacco manufactures	156	238	583	806	409	472	5,394	5,476	6,606	7,761*	6,428*	(D)
Rubber and misc. plastic products	906,401	886,005	949,698	1,062,357	1,072,903	1,148,857	(D)	(D)	(D)	138,212	135,139	129,357
Leather and leather products	126,452*	113,986*	104,477*	91,696*	85,984*	81,744*	30,657*	28,035*	27,551*	27,904*	24,960*	19,756*
Durable goods	20,726,836	21,064,858	22,059,364	24,371,977	26,236,696	27,320,150	1,351,108	1,388,636	1,442,334	1,591,002	1,636,871	1,672,748
Lumber and wood products	(D)	312,552	370,731	431,767	444,636	512,321	61,067	48,627	55,435	65,443	74,177	80,074
Furniture and fixtures	740,612	693,770	762,786	887,977	931,669	966,735	80,310	78,856	83,694	87,693	95,793	102,432
Primary metal industries	989,993	891,836	853,562	867,088	800,784	836,070	24,843	26,273	30,280	35,124	30,996	35,716
Fabricated metal products	2,279,647	2,179,801	2,242,227	2,564,907	2,720,683	2,685,787	207,320	187,662	192,810	209,673	219,400	223,575
Machinery, except electrical	3,140,259	3,083,525	3,000,389	3,261,766	3,395,956	3,195,235	282,168	322,745	305,103	325,516	359,750	333,785
Electric and electronic equipment	5,062,010	5,517,608	6,110,248	6,970,054	7,722,925	7,984,532	322,965	353,623	388,189	442,421	439,803	424,429
Transportation equip. exc. motor vehicles	5,161,722*	5,338,893*	5,537,451*	5,914,553*	6,570,741*	7,376,879*	123,755	131,064	144,048	150,780	147,107	188,046
Motor vehicles and equipment	543,816	571,221*	576,139*	660,161*	681,167*	620,991*	12,117	14,086	19,506	20,161	21,354	23,285
Stone, clay, and glass products	707,283	662,780	688,510	772,723	763,098	852,036	109,338	107,228	117,251	133,233	125,701	132,237
Instruments and related products	1,112,891	1,180,422	1,228,161	1,282,170	1,398,930	1,454,692	74,193	68,629	55,188	59,114	61,974	62,519
Miscellaneous manufacturing industries	527,494	536,497	578,445	642,010	663,514	674,453	53,032	49,843	50,830	61,844	60,816	66,650
Transportation and public utilities	7,591,588	8,120,589	8,552,982	9,037,894	9,580,363	10,049,743	2,492,112	2,625,539	2,706,508	2,742,439	2,879,665	2,993,540
Railroad transportation	391,234	377,777*	394,623*	437,147*	431,161*	403,094*	33,028	34,135	37,207	38,264	35,905	34,796
Trucking and warehousing	1,657,025	1,651,525	1,735,529	1,974,413	2,054,890	2,140,616	229,452	230,491	242,190	284,345	293,466	324,148
Water transportation	242,418*	281,026*	306,059*	392,203*	417,098*	451,555*	110,560	120,407	118,885	124,218	132,279	134,719
Other transportation[8]	1,781,558*	2,064,702*	2,119,382*	2,118,273*	2,285,104*	2,551,246*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	2,671,540*	2,821,140*	2,898,672	3,035,263	3,064,993	(D)	(D)	(D)	701,072	705,761	679,369
Electric, gas, and sanitary services	811,125	932,697	1,020,804	1,118,705	1,246,964	1,376,226	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	8,260,585	8,569,297	9,052,451	10,347,464	11,410,349	12,350,142	1,749,446	1,806,660	1,851,000	1,997,434	2,213,759	2,344,347
Retail trade	11,606,372	12,077,262	13,202,665	14,391,003	15,615,495	16,658,253	2,735,060	2,786,323	3,021,225	3,248,304	3,527,731	3,759,929
Finance, insurance, and real estate	7,232,735	7,453,601	8,630,781	9,671,275	11,003,764	13,177,380	1,725,225	1,744,351	2,082,573	2,198,894	2,463,604	2,835,812
Banking and credit agencies	2,730,642	2,986,711	3,388,025	3,752,509	4,080,624	4,638,695	615,617	688,877	787,124	878,184	976,435	1,114,983
Other finance, insurance, and real estate[9]	4,502,093	4,466,890	5,242,756	5,918,766	6,923,140	8,538,685	1,109,608	1,055,474	1,295,449	1,320,710	1,487,169	1,720,829
Services	27,003,127	29,768,307	32,955,967	37,833,751	42,437,958	46,493,125	5,396,467	5,824,761	6,480,603	7,419,440	8,113,822	8,896,290
Hotels and other lodging places	588,806	597,883	699,572	808,916	890,815	972,466	(D)	328,787	356,626	394,120	400,374	441,166
Personal services	1,028,046	1,113,251	1,174,385	1,252,135	1,483,945	1,598,267	197,470	202,980	223,050	247,271	283,404	315,748
Private households	(D)	524,150*	554,291*	626,096*	678,749	711,711	166,595	183,159	194,841	221,874	228,306	240,160
Business services	5,503,138	6,514,025	7,510,655	8,943,766	10,227,385	11,445,616	792,725	854,265	981,201	1,135,642	1,253,272	1,411,215
Auto repair, services, and garages	1,161,881	1,184,678	1,334,313	1,565,408	1,700,273	1,839,902	240,562	237,433	263,748	298,434	328,747	349,346
Miscellaneous repair services	568,004	595,858	670,433	830,953	837,672	829,019	106,342	109,014	116,124	132,886	117,179	135,266
Amusement and recreation services	971,809	1,007,211	1,161,084	1,427,208	1,616,969	1,827,974	196,020	208,676	230,895	251,305	269,324	285,744
Motion pictures	1,985,810	2,140,782	2,431,951	3,027,144	3,477,430	3,696,374	27,798	22,548	23,846	(D)	(D)	35,726
Health services	7,449,004	8,410,977	8,945,072	9,691,268	10,680,435	11,563,531	1,633,657	1,885,857	2,088,811	2,301,914	2,492,511	2,673,663
Legal services	1,707,866	2,075,591	2,383,121	2,833,048	3,227,859	3,727,967	523,314	617,344	705,631	856,392	972,000	1,105,433
Educational services	939,926	1,057,004	1,163,412	1,285,557	1,391,166	1,200,913	243,306	258,667	283,815	315,488	344,878	373,603
Social services	(D)	505,557	542,512	567,368	636,736	731,896	93,004	98,976	112,296	127,433	146,533	163,141
Museums, botanical, zoological gardens	(D)	12,101*	17,558*	21,464*	27,413	34,097	(D)	1,349	1,389	(D)	(D)	2,468
Membership organizations	935,848	1,048,208	1,102,338	1,153,446	1,199,248	1,219,555	162,380	177,265	198,676	252,972	261,500	271,835
Miscellaneous services	3,165,685	2,948,216	3,230,557	3,760,803	4,361,863	5,093,837	686,513	638,441	699,654	854,480	980,811	1,091,776
Government and government enterprises	14,348,698	15,335,773	16,271,113	17,458,614	19,087,419	20,495,384	2,574,641	2,814,749	3,104,424	3,357,509	3,697,908	3,984,463
Federal, civilian	2,596,448	2,708,301	2,918,531	3,063,179	3,261,159	3,286,861	463,383	481,875	534,968	579,016	634,813	653,048
Military	947,997	1,144,057	1,238,309	1,354,598	1,501,240	1,549,220	123,395	144,422	151,856	133,310	163,674	182,754
State and local	10,804,253	11,483,415	12,114,273	13,040,837	14,325,020	15,659,303	1,987,863	2,188,452	2,417,600	2,645,183	2,899,421	3,148,661

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Milwaukee—Racine, WI (CMSA)						New York—Northern New Jersey—Long Island, NY—NJ—CT (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**18,827,693**	**19,746,205**	**20,454,680**	**22,216,226**	**23,303,651**	**24,550,095**	**230,378,551**	**248,208,257**	**268,704,202**	**296,236,222**	**317,663,236**	**343,123,764**
Nonfarm personal income	18,742,319	19,664,629	20,388,883	22,141,772	23,217,533	24,449,115	230,185,977	248,003,655	268,474,135	295,980,128	317,391,596	342,832,595
Farm income[1]	85,374	81,576	65,797	74,454	86,118	100,980	192,574	204,602	230,067	256,094	271,640	291,169
Population (thousands)[2]	1,570.3	1,567.2	1,553.9	1,549.0	1,551.3	1,552.0	17,452.4	17,485.2	17,611.2	17,713.2	17,786.9	17,836.1
Per capita personal income (dollars)	**11,990**	**12,600**	**13,163**	**14,342**	**15,022**	**15,818**	**13,200**	**14,195**	**15,258**	**16,724**	**17,859**	**19,238**
Derivation of total personal income:												
Total earnings by place of work	14,402,180	14,681,881	15,025,378	16,493,808	17,343,421	18,350,519	165,213,607	177,869,733	194,061,422	213,370,707	231,653,873	252,561,887
Less: Personal contributions for social insurance[3]	902,042	954,228	948,775	1,045,614	1,148,407	1,229,883	10,233,495	11,096,425	12,247,945	13,564,683	15,356,406	16,899,126
Plus: Adjustment for residence	−289,118	−271,589	−275,787	−303,874	−334,948	−384,148	−2,722,420	−3,001,823	−3,197,401	−3,515,850	−3,834,821	−4,165,897
Equals: Net earnings by place of residence	13,211,020	13,456,064	13,800,816	15,144,320	15,860,066	16,736,488	152,257,692	163,771,485	178,616,076	196,290,174	212,462,646	231,496,864
Plus: Dividends, interest, and rent[5]	3,008,742	3,270,493	3,413,971	3,822,002	3,971,979	4,177,795	43,836,209	47,115,707	49,881,587	57,363,859	59,816,063	63,709,669
Plus: Transfer payments	2,607,931	3,019,648	3,239,893	3,249,904	3,471,606	3,635,812	34,284,650	37,321,065	40,206,539	42,582,189	45,384,527	47,917,231
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	12,213,660	12,474,591	12,678,632	13,940,125	14,628,880	15,418,196	138,209,451	149,379,470	161,236,542	177,293,622	191,862,685	208,756,717
Other labor income	1,291,602	1,346,644	1,376,967	1,453,944	1,492,287	1,561,367	13,299,980	15,165,679	16,175,347	16,879,814	17,857,722	18,838,387
Proprietors' income[6]	896,918	860,646	969,779	1,099,739	1,222,254	1,370,956	13,704,176	13,324,584	16,649,533	19,197,271	21,933,466	24,966,783
Farm	69,335	63,434	48,261	57,252	68,634	83,362	133,169	141,200	169,203	196,479	211,377	230,541
Nonfarm	827,583	797,212	921,518	1,042,487	1,153,620	1,287,594	13,571,007	13,183,384	16,480,330	19,000,792	21,722,089	24,736,242
Earnings by industry:												
Farm	85,374	81,576	65,797	74,454	86,118	100,980	192,574	204,602	230,067	256,094	271,640	291,169
Nonfarm	14,316,806	14,600,305	14,959,581	16,419,354	17,257,303	18,249,539	165,021,033	177,665,131	193,831,355	213,114,613	231,382,233	252,270,718
Private	12,804,569	12,840,356	13,150,263	14,483,028	15,217,568	16,116,661	143,025,518	154,002,362	168,310,294	185,355,425	201,597,414	220,104,275
Agricultural services, forestry, fisheries, and other[7]	32,631	33,310	37,724	42,674	42,631	46,871	476,116	524,519	615,326	644,909	688,345*	786,274*
Agricultural services	32,123	33,202	36,541	41,743	41,608	45,656	356,886*	404,179	460,427	490,137	510,428*	588,603*
Forestry, fisheries, and other[7]	508	108	1,183	931	1,023	1,215	116,922*	120,340	154,899	154,772	182,615*	202,561*
Mining	53,787	48,133	40,571	43,194	58,558	60,461	958,505	805,376	702,906	724,030	970,201*	974,421*
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	42,064*	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	42,125*	37,629*	30,179*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(L)	0	0	0	0	(D)	(D)	(D)	(D)	24,663*	33,086*
Nonmetallic minerals, except fuels	(D)	7,852*	8,303*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	638,903	577,257	609,766	702,632	742,646	844,639	6,666,466	7,452,749	8,406,963	9,913,338	11,328,833	13,223,764
Manufacturing	5,537,161	5,245,351	5,097,518	5,710,990	5,758,398	5,905,385	34,293,385	35,457,331	37,058,990	39,424,185	40,657,642	41,498,486
Nondurable goods	1,276,830	1,313,956	1,349,107	1,439,074	1,483,416	1,591,835	17,914,472	18,892,351	19,948,720	21,034,802	21,804,153	22,144,503
Food and kindred products	452,567	449,455*	424,598*	429,852	416,280	438,026	1,955,323*	2,122,186*	2,187,878*	2,273,157*	2,405,991*	2,425,803*
Textile mill products	7,763*	9,066*	10,908*	11,605*	10,521*	11,211*	728,659*	665,306*	705,814*	760,742*	772,441*	768,229*
Apparel and other textile products	26,416*	26,259*	27,165*	29,763*	31,891*	(D)	2,894,517*	2,860,615*	2,946,028*	3,079,829*	3,022,701*	3,035,944*
Paper and allied products	101,370	96,513*	100,048*	111,840*	109,478*	120,637*	1,296,178*	1,352,543*	1,446,757*	1,521,558*	1,482,022*	1,400,845*
Printing and publishing	312,683	334,246	369,455	392,896*	417,892*	461,394*	3,815,789*	4,341,641	4,648,854	5,082,412	5,510,037	5,781,899
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	4,629,779*	5,052,837*	5,206,994*	5,544,517*	5,846,203*	6,046,932*
Petroleum and coal products	5,130*	4,591*	4,555*	4,606*	4,174*	3,916*	872,151*	1,032,503*	1,207,863*	1,052,939*	1,007,266*	866,477*
Tobacco manufactures	(L)	(L)	(L)	(L)	0	0	117,291*	142,933	156,937	167,250	170,667	151,256
Rubber and misc. plastic products	100,320*	102,646*	106,374*	135,106*	148,778	163,035	844,874*	899,848*	979,448*	1,066,081*	1,106,966*	1,135,422*
Leather and leather products	70,164*	(D)	(D)	(D)	(D)	(D)	282,441*	278,803*	270,730*	248,947*	232,848*	215,716*
Durable goods	4,260,331	3,931,395	3,748,411	4,271,916	4,274,982	4,313,550	16,378,913	16,564,980	17,110,270	18,389,383	18,853,489	19,353,983
Lumber and wood products	17,541	(D)	(D)	20,640	22,167	25,233	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	31,241*	28,566	28,033	29,779*	30,866*	35,927*	366,865*	361,284*	384,451*	437,095*	461,889*	(D)
Primary metal industries	331,015	259,624	229,670	275,190	259,525	255,664	986,674*	883,277*	872,182*	939,292*	854,574*	837,879*
Fabricated metal products	687,254	624,141	590,960	655,987	663,942	675,023	2,006,453*	1,995,095*	1,974,998*	2,052,528*	2,106,689*	2,161,590*
Machinery, except electrical	1,758,854	1,576,571	1,367,990	1,628,187	1,609,391	1,651,363	3,160,675	3,161,483*	3,185,998*	3,323,648	3,478,809	3,487,850*
Electric and electronic equipment	863,794	867,020	888,227	982,498	995,835	971,781	3,620,060*	3,853,630	4,140,108	4,616,389	4,621,255	4,808,446
Transportation equip. exc. motor vehicles	76,876*	67,489*	69,167*	73,802*	49,222*	50,375*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	284,000*	277,289*	338,870*	350,192*	339,219*	335,284*	566,075*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	49,455	48,973	50,667	57,374	57,659	65,263	486,070*	440,512*	452,557*	510,667*	516,861*	520,237*
Instruments and related products	95,565*	(D)	(D)	97,052*	(D)	(D)	1,883,553*	2,025,936*	2,132,600*	2,244,844*	2,338,603*	2,448,219*
Miscellaneous manufacturing industries	56,486*	57,430*	61,118*	68,536*	68,586*	75,179	1,145,233*	1,120,897*	1,139,396*	1,252,755*	1,209,052*	1,219,723*
Transportation and public utilities	907,479	960,559	976,179	1,035,676	1,118,857	1,156,253	15,006,521	16,469,559	16,375,373	17,898,678	18,651,287	19,173,412
Railroad transportation	(D)	73,807*	64,959*	67,834	62,164	57,578	603,350*	524,474*	439,392*	420,244*	423,665*	397,756*
Trucking and warehousing	296,230	290,707	299,398	354,570	363,829	(D)	2,121,333*	(D)	(D)	2,632,852*	2,895,804*	3,115,163
Water transportation	(D)	(D)	(D)	(D)	(D)	6,361*	1,169,495*	1,119,214*	1,082,008*	1,097,763*	1,095,729*	1,090,194*
Other transportation[8]	119,842*	(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)	189,981*	236,420*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	999,333	1,022,512	1,023,970	1,144,412	1,197,825	1,238,882	14,624,820	15,732,900	16,431,938	18,398,393	19,959,177	20,921,315
Retail trade	1,174,420	1,210,563	1,296,476	1,358,080	1,456,787	1,551,544	12,932,256	13,757,429	15,377,448	16,713,320	18,130,047	19,971,251
Finance, insurance, and real estate	841,774	883,648	1,006,997	1,062,937	1,156,732	1,321,043	17,877,606	19,468,536	23,877,194	25,846,485	29,168,254	35,262,966
Banking and credit agencies	264,809	293,539	323,127	343,426*	383,755*	408,822	5,816,657*	6,890,296*	7,596,658*	7,894,400*	8,394,915*	9,513,286*
Other finance, insurance, and real estate[9]	576,965	590,109	683,870	695,460*	747,993*	912,221	12,047,221*	12,566,077*	16,246,469*	17,237,043*	19,717,210*	24,333,245*
Services	2,619,081	2,859,023	3,061,062	3,382,433	3,685,134	3,991,583	40,189,843	44,333,963	49,464,156	55,792,087	62,018,747	68,266,160
Hotels and other lodging places	40,183	45,682	52,545	52,848	51,110	49,679	699,105*	(D)	(D)	(D)	(D)	1,056,935*
Personal services	127,778	134,225	141,215	150,163	172,749	181,605	1,253,290	1,328,769	1,485,780	1,489,836*	1,716,555*	1,852,266*
Private households	28,248	30,301	31,350	34,887	34,911	35,822	799,805*	845,775*	881,060*	980,377*	983,335*	1,009,709*
Business services	424,166	475,849	539,472	658,585	800,846	901,443	9,998,145	11,488,744	13,287,459	15,321,724	17,545,618	19,625,455
Auto repair, services, and garages	77,968	80,098	86,530	102,788	113,920	120,418	999,239	1,036,148	1,148,322	1,325,535	1,445,838	1,573,659
Miscellaneous repair services	38,714	38,833	41,605	47,893	43,025	43,368	596,344	624,721	688,759	795,977	805,383	864,316
Amusement and recreation services	61,571	69,400	74,445	79,256	85,372	83,414	1,105,584*	1,161,552	1,257,536	1,418,707	1,625,388	1,761,664
Motion pictures	7,644	7,392*	7,595*	8,945*	9,463*	9,230*	604,821*	688,080*	737,080*	1,001,140*	1,223,749*	1,260,397*
Health services	1,083,173	1,204,171	1,260,508	1,309,230	1,353,343	1,461,952	10,337,629	11,547,096	12,741,856	13,855,979	15,160,843	16,546,608
Legal services	188,314	212,328	234,765	275,111	305,851	332,743	3,895,599	4,548,265	5,189,683	6,168,850	6,752,910	7,738,252
Educational services	135,942*	156,953	171,754	194,342	206,391	219,503	1,925,782*	2,100,895*	2,323,415*	2,542,045*	2,748,557*	2,953,929*
Social services	101,548	105,588	105,632	118,421	130,667	142,731	1,313,769*	1,490,707	1,640,414	1,829,486	2,051,952	2,371,080
Museums, botanical, zoological gardens	(D)	(D)	1,511*	1,752*	2,115*	2,229*	86,289*	(D)	(D)	(D)	(D)	150,645*
Membership organizations	97,386*	104,491*	110,250*	117,073*	119,324*	122,262*	1,432,191	1,579,142	1,647,116	1,753,054	1,854,551	1,900,278
Miscellaneous services	192,210	181,750	190,868	219,437	243,840	272,929	4,940,969	4,937,548	5,315,598	6,000,208	6,701,109	7,247,101
Government and government enterprises	1,512,237	1,759,949	1,809,318	1,936,326	2,039,735	2,132,878	21,995,515	23,662,769	25,521,061	27,759,188	29,784,819	32,166,443
Federal, civilian	257,417	270,530	282,198	292,539	309,813	305,974	4,234,291	4,394,254	4,577,848	4,933,890	5,134,190	5,119,547
Military	36,109	38,622	48,356	61,401	69,629	74,164	381,685	441,448	511,004	569,029	602,577	620,560
State and local	1,218,711	1,450,797	1,478,764	1,582,386	1,660,293	1,752,740	17,379,539	18,827,067	20,432,209	22,256,269	24,048,052	26,426,336

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Philadelphia—Wilmington—Trenton, PA—NJ—DE—MD (CMSA)						Pittsburgh—Beaver Valley, PA (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**66,961,741**	**71,770,924**	**76,468,689**	**82,355,800**	**88,902,673**	**94,918,925**	**27,819,418**	**28,845,805**	**29,408,145**	**30,733,263**	**31,951,517**	**33,209,310**
Nonfarm personal income	66,779,717	71,556,284	76,259,966	82,092,147	88,597,919	94,610,282	27,771,345	28,807,834	29,379,351	30,680,426	31,899,819	33,157,190
Farm income[1]	182,024	214,640	208,723	263,653	304,754	308,643	48,073	37,971	28,794	52,837	51,698	52,120
Population (thousands)[2]	5,700.1	5,715.7	5,731.7	5,758.3	5,786.5	5,832.6	2,408.5	2,400.8	2,391.0	2,369.2	2,334.4	2,316.1
Per capita personal income (dollars)	**11,747**	**12,557**	**13,341**	**14,302**	**15,364**	**16,274**	**11,551**	**12,015**	**12,300**	**12,972**	**13,687**	**14,338**
Derivation of total personal income:												
Total earnings by place of work	47,970,138	50,563,243	54,253,236	58,880,863	63,684,802	68,389,582	20,680,520	20,340,790	20,362,924	21,372,146	22,162,277	22,906,953
Less: Personal contributions for social insurance[3]	2,950,731	3,223,937	3,422,104	3,788,596	4,253,641	4,615,783	1,230,317	1,270,850	1,268,961	1,371,543	1,476,926	1,542,937
Plus: Adjustment for residence	651,077	806,798	698,601	807,373	883,572	1,010,917	−548,326	−389,545	−373,464	−369,515	−385,048	−380,257
Equals: Net earnings by place of residence	45,670,484	48,146,104	51,529,733	55,899,640	60,314,733	64,784,716	18,901,877	18,680,395	18,720,499	19,631,088	20,300,303	20,983,759
Plus: Dividends, interest, and rent[4]	10,784,045	11,930,756	12,473,680	13,766,326	14,946,441	15,762,650	4,342,533	4,794,896	4,909,376	5,347,950	5,637,330	5,924,125
Plus: Transfer payments	10,507,212	11,694,064	12,465,276	12,689,834	13,641,499	14,371,559	4,575,008	5,370,514	5,778,270	5,754,225	6,013,884	6,301,426
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	39,959,650	42,184,083	45,005,455	48,888,068	52,762,657	56,508,544	16,865,813	16,625,036	16,499,018	17,302,275	17,872,460	18,372,272
Other labor income	4,217,058	4,596,259	4,879,183	5,043,445	5,332,997	5,634,980	2,111,216	2,073,650	1,998,785	1,972,626	1,972,738	1,971,520
Proprietors' income[6]	3,793,430	3,782,901	4,368,598	4,949,350	5,589,148	6,246,058	1,703,491	1,642,104	1,865,121	2,097,245	2,317,079	2,563,161
Farm	92,683	116,967	115,545	172,904	212,873	216,371	37,777	26,771	18,105	42,372	41,046	41,444
Nonfarm	3,700,747	3,665,934	4,253,053	4,776,446	5,376,275	6,029,687	1,665,714	1,615,333	1,847,016	2,054,873	2,276,033	2,521,717
Earnings by industry:												
Farm	182,024	214,640	208,723	263,653	304,754	308,643	48,073	37,971	28,794	52,837	51,698	52,120
Nonfarm	47,788,114	50,348,603	54,044,513	58,617,210	63,380,048	68,080,939	20,632,447	20,302,819	20,334,130	21,319,309	22,110,579	22,854,833
Private	40,598,369	42,623,254	45,791,851	49,886,604	54,132,741	58,464,273	18,617,355	18,218,708	18,132,892	18,940,749	19,618,452	20,292,569
Agricultural services, forestry, fisheries, and other[7]	159,709	174,666	194,157	208,157	219,786	265,495	40,305	42,025	50,820	48,750	41,517	48,779
Agricultural services	(D)	170,847*	184,733*	199,906*	209,226*	253,376*	39,307	42,009	48,260	46,323	39,151	45,912
Forestry, fisheries, and other[7]	(D)	2,807*	7,964*	6,863*	9,098*	10,401*	998	(L)	2,560	2,427	2,366	2,867
Mining	225,600	208,444	174,949	192,468	273,166	272,711	448,596	434,199	378,807	406,375	439,151	446,304
Coal mining	1,711	(D)	(D)	(D)	2,130*	2,229*	349,757	336,510	290,882	305,018	304,413	310,835*
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	86,549	86,204	76,225	87,462	120,057	120,190
Metal mining	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	36,529*	(D)	(D)	(D)	(D)	(D)	13,427*
Construction	2,681,244	2,960,393	3,238,337	3,648,962	3,702,100*	4,070,307*	1,334,563	1,393,108	1,386,920	1,450,917	1,521,315	1,701,292
Manufacturing	13,339,105	13,380,315	13,742,967	14,625,361	15,474,396	15,734,488	7,065,659	6,069,636	5,409,658	5,346,560	5,101,991	4,706,987
Nondurable goods	6,344,386	6,590,296	6,873,833	7,163,660	7,573,162	7,756,041	1,057,796	1,098,053	1,090,583	1,127,271	1,127,907	1,061,006
Food and kindred products	815,601*	835,351*	862,268*	898,264*	962,213*	985,003*	231,468	219,642*	225,692*	243,084	218,807*	219,491*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	3,422	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	412,613*	394,156*	403,098*	440,704*	412,072*	392,126*	36,671*	35,225	32,870	36,555	28,856	25,787
Paper and allied products	519,429*	500,940*	526,028*	557,570*	587,205*	627,837*	48,572	48,664*	45,435*	(D)	(D)	(D)
Printing and publishing	869,099*	916,540*	960,570*	1,012,372	1,127,295*	1,208,330	192,063	199,647	214,719	226,898	243,294	250,239
Chemicals and allied products	2,261,949*	2,438,486*	2,608,247*	2,745,124*	2,948,454*	3,049,864*	(D)	(D)	(D)	288,973*	309,616*	317,612*
Petroleum and coal products	645,881*	711,479	725,098	670,274*	705,054*	622,840*	169,491*	181,457*	159,471*	166,071	131,307	46,592
Tobacco manufactures	1,789	1,886	1,969	2,192	2,233	2,463	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	369,211*	367,547*	418,169*	440,311*	(D)	62,136*	69,019*	74,560*	82,342*	88,597*	100,234
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	926	703	421	360	415	374
Durable goods	6,994,719	6,790,019	6,869,134	7,461,701	7,901,234	7,978,447	6,007,863	4,971,583	4,319,075	4,219,289	3,974,084	3,645,981
Lumber and wood products	51,711*	47,526*	56,985*	62,321*	(D)	(D)	18,170	14,899	14,543	17,339	18,693	19,835
Furniture and fixtures	136,533*	134,114*	142,623*	170,918*	183,956*	199,859*	(D)	(D)	(D)	(D)	(D)	29,909*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	3,105,302	2,264,336	1,791,063	1,770,407	1,542,876	1,286,144*
Fabricated metal products	1,023,678*	(D)	(D)	1,018,376*	(D)	(D)	561,578	451,173*	403,692*	382,771*	390,752*	373,521*
Machinery, except electrical	1,416,109*	1,412,435*	1,394,275*	1,479,887*	1,618,624*	1,513,443*	566,941	535,974	458,898	580,781	568,213	543,032
Electric and electronic equipment	1,145,767*	(D)	(D)	1,365,046*	1,437,066*	1,576,545*	(D)	654,144*	635,288*	504,946*	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	173,571*	119,914*	111,009*	(D)	(D)	(D)
Motor vehicles and equipment	436,440	(D)	(D)	(D)	(D)	(D)	212,077*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	537,889*	538,439*	517,179*	539,022*	553,014*	594,871*	395,204*	394,647	386,232	347,844*	361,434*	365,816*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	161,275*	170,180*	156,771*	170,725*	168,434*	168,180*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	25,296*	24,359*	24,803*	31,088	31,285	31,806
Transportation and public utilities	3,301,754	3,338,985*	3,454,725*	3,691,320	3,552,750*	3,742,441*	1,513,561	1,551,878	1,572,660	1,607,929	1,605,857	1,638,655
Railroad transportation	(D)	(D)	(D)	383,278	385,230	330,109*	197,512	167,799	147,243	148,635	145,460	128,051
Trucking and warehousing	711,868*	707,801*	716,061*	854,934	888,112	979,132	342,663	316,531	291,989	325,530	308,090	315,139
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25,029*	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	214,751*	(D)	238,806*	251,091*	280,368*	296,939*
Communication	(D)	(D)	(D)	(D)	(D)	(D)	308,440*	354,221	376,004	376,361	336,123	334,248
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	391,395	437,068	467,343	452,510	486,886	516,720
Wholesale trade	3,248,520	3,422,159*	3,595,799*	4,048,371	4,332,333	4,620,079	1,290,980	1,315,826	1,297,275	1,357,894	1,438,318	1,489,528
Retail trade	4,317,794	4,482,966	4,924,191	5,273,692	5,707,048	6,246,174	1,876,742	1,915,376	2,049,133	2,110,212	2,179,653	2,291,168
Finance, insurance, and real estate	2,908,032	2,974,153	3,522,581	3,836,437	4,352,125	5,259,936	930,275	950,359	1,104,458	1,169,960	1,275,853	1,474,679
Banking and credit agencies	838,434*	1,011,720	1,140,232	(D)	1,442,532	1,659,922*	412,866	476,926	531,808	578,786	623,878	676,741
Other finance, insurance, and real estate[9]	(D)	1,962,433	2,382,349	2,404,627*	2,909,593	3,520,927*	517,409	473,433	572,650	591,174	651,975	797,938
Services	10,416,611	11,625,814	12,881,012	14,361,836	15,937,315*	17,588,643*	4,116,674	4,546,301	4,883,161	5,442,152	6,014,797	6,495,177
Hotels and other lodging places	(D)	(D)	(D)	227,676*	241,734*	272,176*	80,639	(D)	(D)	(D)	(D)	(D)
Personal services	367,642	384,586*	425,966*	452,503*	532,765*	564,963*	173,983	196,340	208,077	215,904	254,727	268,615
Private households	(D)	(D)	(D)	180,349*	180,718*	186,093*	(D)	40,682	42,192	46,696	46,596	47,787
Business services	1,925,098	2,265,752	2,574,263	3,011,920	3,538,183*	4,067,048*	547,147	609,639	673,762	934,006	1,115,942	1,206,272
Auto repair, services, and garages	396,902	418,329	483,602	562,173	608,445	659,962	171,846	160,977	167,851	190,259	202,262	215,924
Miscellaneous repair services	174,305*	187,652*	212,277*	254,744*	257,296*	248,312*	78,213	82,289	91,505	97,849	98,910	100,296
Amusement and recreation services	184,524	198,077	223,054	249,180	300,501	307,181	95,003	105,535	118,638	133,397	141,761	141,883
Motion pictures	35,629*	(D)	(D)	(D)	(D)	(D)	15,068*	16,396*	14,740*	16,831*	16,750*	17,547*
Health services	3,419,039	3,926,532	4,319,641	4,673,523	5,106,399	5,583,463	1,494,237	1,740,230	1,901,676	2,016,864	2,163,630	2,333,372
Legal services	775,169	941,108	1,052,197	1,237,837	1,377,889	1,546,945	226,668	278,747	312,088	359,813	388,763	428,917
Educational services	1,009,991*	(D)	(D)	(D)	(D)	(D)	373,110	393,422	421,197	451,332	481,336	527,450
Social services	370,632	375,837	408,818	429,771	477,791	577,318	90,777	96,146	100,172	111,030	127,228	140,588
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,386*	4,544*	4,891*	5,180*	5,600*
Membership organizations	381,944	413,550	442,316	472,139	495,653	515,805	180,122	192,857	197,501	200,376	207,899	215,057
Miscellaneous services	1,029,278	(D)	(D)	1,209,746	1,394,029	1,542,496	528,973*	546,159	542,783	579,021	675,414	751,683
Government and government enterprises	7,189,745	7,725,349	8,252,662	8,730,606	9,247,307	9,616,666	2,015,092	2,084,111	2,201,238	2,378,560	2,492,127	2,562,264
Federal, civilian	1,938,529	2,036,856	2,172,842	2,269,506	2,416,943	2,391,842	434,590	449,253	469,792	494,273	514,556	512,436
Military	444,905	487,885	543,126	557,555	585,682	559,413	67,061	65,646	80,378	76,792	84,645	91,240
State and local	4,806,311	5,200,608	5,536,694	5,903,545	6,244,682	6,665,411	1,513,441	1,569,212	1,651,068	1,807,495	1,892,926	1,958,588

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Portland—Vancouver, OR—WA (CMSA)						San Francisco—Oakland—San Jose, CA (CMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**15,451,940**	**15,772,305**	**16,593,541**	**17,995,337**	**19,088,223**	**20,212,385**	**78,842,162**	**84,718,318**	**92,204,790**	**102,337,791**	**110,421,477**	**117,967,821**
Nonfarm personal income	15,335,622	15,670,146	16,497,542	17,863,741	18,946,441	20,024,801	78,420,625	84,307,622	91,759,303	101,844,807	109,905,190	117,431,040
Farm income[1]	116,318	102,159	95,999	131,596	141,782	187,584	421,537	410,696	445,487	492,984	516,287	536,781
Population (thousands)[2]	1,320.9	1,330.5	1,326.6	1,338.2	1,350.1	1,364.1	5,463.5	5,538.5	5,632.9	5,707.5	5,802.7	5,877.8
Per capita personal income (dollars)	**11,698**	**11,855**	**12,508**	**13,447**	**14,139**	**14,818**	**14,431**	**15,296**	**16,369**	**17,931**	**19,029**	**20,070**
Derivation of total personal income:												
Total earnings by place of work	11,540,601	11,567,151	12,031,839	13,207,764	14,133,085	15,006,553	58,405,863	62,913,219	69,316,660	77,397,544	84,047,963	89,648,421
Less: Personal contributions for social insurance[3]	690,314	744,092	768,420	847,862	938,435	1,009,705	3,117,344	3,412,345	3,935,096	4,401,684	4,973,596	5,352,500
Plus: Adjustment for residence	−61,924	−95,899	−82,475	−105,471	−141,513	−144,221	−222,204	−231,712	−242,505	−280,758	−312,774	−325,476
Equals: Net earnings by place of residence	10,788,363	10,727,160	11,180,944	12,254,431	13,053,137	13,852,627	55,066,315	59,269,162	65,139,059	72,715,102	78,761,593	83,970,445
Plus: Dividends, interest, and rent[5]	2,599,571	2,706,198	2,874,369	3,159,261	3,268,678	3,457,799	14,102,639	14,952,062	15,978,447	18,288,474	19,514,493	21,056,607
Plus: Transfer payments	2,064,006	2,338,947	2,538,228	2,581,645	2,766,408	2,901,959	9,673,208	10,497,094	11,087,284	11,334,215	12,145,391	12,940,769
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,510,408	9,592,481	9,903,920	10,827,585	11,440,143	12,166,283	48,003,113	51,846,523	56,459,307	62,867,086	67,812,387	72,143,365
Other labor income	916,840	963,168	988,006	1,042,396	1,212,389	1,160,179	4,765,857	5,443,542	6,023,221	6,485,900	7,040,768	7,173,311
Proprietors' income[6]	1,113,353	1,011,502	1,139,913	1,337,783	1,480,553	1,680,091	5,636,893	5,623,154	6,834,132	8,044,558	9,194,808	10,331,745
Farm	76,768	57,195	53,059	89,414	98,627	144,264	253,600	216,082	255,238	298,678	311,757	323,728
Nonfarm	1,036,585	954,307	1,086,854	1,248,369	1,381,926	1,535,827	5,383,293	5,407,072	6,578,894	7,745,880	8,883,051	10,008,017
Earnings by industry:												
Farm	116,318	102,159	95,999	131,596	141,782	187,584	421,537	410,696	445,487	492,984	516,287	536,781
Nonfarm	11,424,283	11,464,992	11,935,840	13,076,168	13,991,303	14,818,969	57,984,326	62,502,523	68,871,173	76,904,560	83,531,676	89,111,640
Private	9,871,211	9,812,690	10,211,584	11,252,124	11,951,035	12,784,158	49,063,119	52,913,904	58,673,804	66,048,671	71,592,731	76,766,905
Agricultural services, forestry, fisheries, and other[7]	54,145	52,106	69,493	66,440	63,669	74,142	271,205	285,137	335,968	349,425	351,372	(D)
Agricultural services	(D)	42,254	48,091	47,015	45,137	53,949	254,231	272,924	306,659	329,569	319,601	357,162
Forestry, fisheries, and other[7]	(D)	9,852	21,402	19,425	18,532	20,193	16,974	12,213	29,309	19,856	31,771	32,714*
Mining	57,817	54,395	42,627	45,013	56,036	54,175	428,858	426,585	444,609	462,791	564,821	486,935*
Coal mining	11,269	(D)	(D)	(D)	(D)	(D)	(D)	1,472	546	739	(D)	854
Oil and gas extraction	33,936	(D)	(D)	(D)	35,770	37,038	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(D)	(D)	511	(D)	(D)	30,094*	18,542*	38,892*	31,766*	52,953*	(D)
Nonmetallic minerals, except fuels	12,614	13,577	9,034	8,609	9,326	8,833	(D)	(D)	(D)	(D)	42,152*	25,155*
Construction	728,526	628,599	604,037	720,628	754,771	812,543	4,096,267	4,280,192	4,365,671	5,392,339	5,823,613	6,259,719
Manufacturing	2,693,719	2,632,435	2,638,320	2,936,101	3,028,900	3,176,739	12,566,024	13,959,374	15,157,832	16,715,448	17,687,496	18,050,073
Nondurable goods	726,033	741,349	776,805	824,634	860,582	888,956	3,513,336	3,833,734	4,080,732	4,283,344	4,394,134	4,585,650
Food and kindred products	204,504	216,051	220,383	219,936	229,342	233,238	1,184,229	1,255,037	1,251,545	1,258,468	1,289,023*	1,312,817*
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)	229,597*	244,641*	261,587*	292,669*	261,914*	278,452*
Paper and allied products	(D)	(D)	(D)	241,670*	256,412*	269,447*	211,567*	202,162*	226,485*	252,369*	242,333*	261,371*
Printing and publishing	119,213*	134,354	145,042	161,403	177,013	186,828	691,143	757,973	818,859	889,005	922,733	1,008,507
Chemicals and allied products	42,610	41,014*	42,236*	41,494*	43,693*	40,775*	546,149*	587,308*	639,190*	681,762*	780,097*	830,991*
Petroleum and coal products	9,844	(D)	10,635*	10,497*	7,481*	10,131*	447,291*	584,530*	657,152*	637,359*	664,387*	652,359*
Tobacco manufactures	88	(L)	(L)	(D)	(D)	77	1,372	0	0	0	0	0
Rubber and misc. plastic products	(D)	36,551*	42,844*	50,021*	49,284*	50,661*	160,683*	161,959*	182,751*	229,113*	190,433*	203,658*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,967,686	1,891,086	1,861,515	2,111,467	2,168,318	2,287,783	9,052,688	10,125,640	11,077,100	12,432,104	13,293,362	13,464,423
Lumber and wood products	248,235	(D)	(D)	(D)	(D)	(D)	121,062*	100,524*	101,378*	128,937	(D)	127,098*
Furniture and fixtures	29,502*	29,371*	32,377*	38,807	39,561	40,947*	98,153*	102,886*	117,727*	134,811*	137,683*	118,620*
Primary metal industries	227,929*	186,439*	185,581*	243,651	240,759*	240,098*	(D)	439,622*	410,448*	485,840	(D)	(D)
Fabricated metal products	217,964	201,300	208,424	220,907	219,907	213,454	811,359*	835,287*	848,674*	894,940	810,488*	806,835
Machinery, except electrical	325,630	(D)	(D)	(D)	(D)	(D)	(D)	2,392,762	2,684,667	3,065,586	3,213,932	3,334,266
Electric and electronic equipment	167,628	187,715	218,199	272,831	280,775	301,001	2,602,104*	3,119,650*	3,623,132*	4,219,049*	4,670,834*	4,473,904*
Transportation equip. exc. motor vehicles	141,425*	137,054*	83,535*	97,027*	109,087*	163,798*	(D)	(D)	(D)	1,384,000*	1,633,151*	1,758,807*
Motor vehicles and equipment	101,008*	(D)	(D)	(D)	(D)	(D)	301,046*	173,647*	119,086*	113,872*	165,484*	203,529*
Stone, clay, and glass products	63,819	55,306	52,139	50,396	52,104	58,032	296,401	281,569	294,183	316,584	329,918	345,502
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,010,106	1,127,743	1,246,299	1,445,985	1,560,845	1,704,547
Miscellaneous manufacturing industries	35,364*	35,268	38,250	44,625	44,996	47,314	196,295	(D)	(D)	223,503	150,317	148,651
Transportation and public utilities	1,018,275	1,045,031	1,081,977	1,164,384	1,196,788	1,225,655	4,890,388	5,149,367	5,440,609	5,902,069	6,242,002	6,639,197
Railroad transportation	106,113	106,033	109,183	113,783*	104,006*	94,562*	229,095*	231,757	244,655	227,409*	225,388	208,673
Trucking and warehousing	311,885	312,324	326,993	357,075	373,791	381,013	806,803*	809,085*	835,563*	974,443*	1,013,590	1,058,117
Water transportation	71,291	67,870	66,369	69,098	57,497*	59,904*	272,046*	244,525*	258,828*	279,339*	299,740*	349,404*
Other transportation[8]	100,613*	109,085	115,802	(D)	141,635*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,516,903*	1,639,470*	1,838,817*	(D)	(D)
Electric, gas, and sanitary services	159,159*	158,524*	160,491*	177,666*	213,324	225,793	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,085,978	1,069,368	1,109,387	1,213,124	1,301,415	1,373,602	3,757,877	3,836,830	4,097,019	4,752,546	5,266,637	5,598,196
Retail trade	1,251,185	1,256,946	1,337,838	1,439,748	1,487,294	1,575,722	5,732,458	6,080,046	6,793,383	7,396,711	7,989,428	8,646,325
Finance, insurance, and real estate	755,724	742,869	810,263	841,765	918,323	1,053,090	4,257,820	4,417,152	5,326,233	5,829,429	6,636,536	7,723,536
Banking and credit agencies	264,995*	(D)	(D)	310,182	330,550	359,597	1,693,575	1,881,571*	2,064,282*	2,243,841*	2,445,637*	2,752,882
Other finance, insurance, and real estate[9]	476,890*	(D)	(D)	531,583	587,773	693,493	2,564,245	2,327,523*	2,964,307*	3,270,378*	3,865,392*	4,970,654
Services	2,225,842	2,330,941	2,517,642	2,824,921	3,143,839	3,438,490	13,062,222	14,479,221	16,712,480	19,247,913	21,030,826	22,920,100
Hotels and other lodging places	59,811*	58,204	63,116	65,489	64,293	72,260	381,731*	411,838	497,048	(D)	(D)	(D)
Personal services	114,330	119,984	125,719	125,683*	150,162*	162,484*	528,611	582,405	634,130	683,913	826,414	881,011
Private households	24,591	26,256	27,116	30,211	30,321	31,177	(D)	(D)	(D)	(D)	(D)	(D)
Business services	336,148	349,786	413,544	519,301	623,412	704,129	3,444,905	3,922,203	4,690,525	5,662,895	6,100,481	6,844,200
Auto repair, services, and garages	121,097	112,937	128,164	151,595	161,870	170,207	633,792	637,000	724,115	840,477	917,977	978,143
Miscellaneous repair services	(D)	53,417	61,834	74,039	67,005	79,015	338,626	351,363	385,276	496,394	463,548	418,761
Amusement and recreation services	41,156	41,917	43,671	51,107	62,906	60,675	273,453	292,815	334,538	373,370*	416,032*	446,087*
Motion pictures	5,469*	(D)	(D)	(D)	(D)	(D)	(D)	70,315*	69,775*	122,565*	161,959*	202,976*
Health services	782,124	858,076	905,212	949,627	1,038,131	1,129,511	3,253,270	3,804,695	4,026,182	4,445,022	4,979,843	5,470,088
Legal services	167,155	194,508	222,814	260,920	282,591	313,095	944,696	1,098,231	1,285,828	1,581,045	1,770,632	2,043,671
Educational services	74,636*	83,426*	88,980*	106,775*	113,713*	120,193*	531,741	579,685	639,360	(D)	(D)	(D)
Social services	63,415	72,089	79,167	90,276	100,632	112,681	305,095	316,696	336,799	400,782	445,928	497,795
Museums, botanical, zoological gardens	3,883*	4,018*	4,292*	4,262*	4,898*	5,926*	(D)	9,866*	11,850*	13,439*	15,088*	17,355*
Membership organizations	103,003	111,193	113,973	120,883	126,354	129,985	534,981	584,218	618,200	646,052	685,440	708,847
Miscellaneous services	268,701	231,020	223,696	250,027	287,621	315,289	1,621,038	1,598,630	2,226,717	2,422,482	2,612,650	2,663,640
Government and government enterprises	1,553,072	1,652,302	1,724,256	1,824,044	2,040,268	2,034,811	8,921,207	9,588,619	10,197,369	10,855,889	11,938,945	12,344,735
Federal, civilian	396,644	416,475	440,902	471,408	496,719	499,226	2,206,233	2,311,872	2,509,213	2,614,513	2,763,128	2,758,710
Military	25,750	34,731	38,126	38,942	46,067	56,021	722,800	858,066	936,382	958,658	1,026,491	1,009,215
State and local	1,130,678	1,201,096	1,245,228	1,313,694	1,497,482	1,479,564	5,992,174	6,418,681	6,751,774	7,282,718	8,149,326	8,576,810

See footnotes at end of tables.

Table 6.—Personal Income for CMSA's by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Seattle—Tacoma, WA (CMSA)					
	1981	1982	1983	1984	1985	1986
Income by Place of Residence						
Total personal income	**27,646,204**	**29,113,747**	**30,503,821**	**32,933,918**	**35,511,549**	**38,377,635**
Nonfarm personal income	27,576,346	29,054,890	30,444,925	32,868,395	35,436,379	38,289,118
Farm income[4]	69,858	58,857	58,896	65,523	75,170	88,517
Population (thousands)[2]	2,151.0	2,174.4	2,185.0	2,210.8	2,250.5	2,284.5
Per capita personal income (dollars)	**12,853**	**13,389**	**13,960**	**14,897**	**15,779**	**16,799**
Derivation of total personal income:						
Total earnings by place of work	21,239,533	22,074,990	22,898,382	24,793,383	26,872,334	29,442,562
Less: Personal contributions for social insurance[3]	1,137,167	1,233,528	1,307,641	1,434,708	1,621,346	1,794,453
Plus: Adjustment for residence	−172,782	−182,671	−184,299	−215,464	−263,406	−407,720
Equals: Net earnings by place of residence	19,929,584	20,658,791	21,406,442	23,143,211	24,987,582	27,240,389
Plus: Dividends, interest, and rent[5]	4,204,190	4,522,748	4,844,232	5,365,808	5,760,356	6,120,065
Plus: Transfer payments	3,512,430	3,932,208	4,253,147	4,424,899	4,763,611	5,017,181
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	17,881,153	18,626,137	19,130,422	20,702,083	22,387,710	24,475,869
Other labor income	1,675,730	1,826,579	1,871,261	1,949,215	2,074,293	2,275,960
Proprietors' income[6]	1,682,650	1,622,274	1,896,699	2,142,085	2,410,331	2,690,733
Farm	47,296	32,718	33,722	40,759	50,115	63,394
Nonfarm	1,635,354	1,589,556	1,862,977	2,101,326	2,360,216	2,627,339
Earnings by industry:						
Farm	69,858	58,857	58,896	65,523	75,170	88,517
Nonfarm	21,169,675	22,016,133	22,839,486	24,727,860	26,797,164	29,354,045
Private	17,826,449	18,453,274	19,101,640	20,723,678	22,478,648	24,827,063
Agricultural services, forestry, fisheries, and other[7]	156,301	149,051	204,376	163,957	260,183	315,519
Agricultural services	71,182	76,444	83,254	87,894	86,409	101,585
Forestry, fisheries, and other[7]	85,119	72,607	121,122	76,063	173,774	213,934
Mining	69,503	62,761	55,548	59,562	83,813	86,913
Coal mining	604	(D)	(D)	(D)	1,753*	1,141
Oil and gas extraction	56,886	50,799	41,158	44,674	68,164	71,565
Metal mining	(D)	(D)	(D)	(D)	551*	1,162
Nonmetallic minerals, except fuels	(D)	(D)	(D)	12,841	13,239	13,045
Construction	1,448,929	1,440,060	1,516,912	1,713,534	1,744,138	1,972,826
Manufacturing	5,497,536	5,583,763	5,220,952	5,636,154	6,133,625	6,891,436
Nondurable goods	867,617	885,584	928,979	987,339	1,041,902	1,100,014
Food and kindred products	313,870	324,677	325,338	318,474	330,158	342,503
Textile mill products	3,600*	3,076*	3,115*	3,440*	5,911*	(D)
Apparel and other textile products	(D)	61,179	68,392	77,090	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	217,354	230,487	248,409	269,956	295,230	327,658
Chemicals and allied products	53,173	56,683	59,525	61,315*	68,069*	70,515*
Petroleum and coal products	24,425	15,937	15,635	16,964	14,192	14,416
Tobacco manufactures	93	(L)	(L)	54	(L)	(D)
Rubber and misc. plastic products	44,630	48,448	52,290	64,234	65,622	74,353
Leather and leather products	4,094*	3,340*	3,642*	4,435*	3,836*	3,307*
Durable goods	4,629,919	4,698,179	4,291,973	4,648,815	5,091,723	5,791,422
Lumber and wood products	390,870	365,376	398,256	399,897	384,591	395,031
Furniture and fixtures	43,466	40,569	44,338	51,376	54,309	59,308
Primary metal industries	146,568	132,357	118,571	123,376*	115,809	105,337
Fabricated metal products	227,170	191,458	172,797	185,340	183,885	191,851
Machinery, except electrical	238,080	263,276	221,894	212,809	(D)	(D)
Electric and electronic equipment	199,460	213,599	232,047	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	2,933,234*	3,361,885	3,996,033
Motor vehicles and equipment	55,955*	51,662*	49,755*	(D)	(D)	64,096
Stone, clay, and glass products	105,306	107,647	111,839	119,605	126,530	133,603
Instruments and related products	(D)	139,208*	163,359*	184,310*	210,846*	218,145*
Miscellaneous manufacturing industries	48,844	45,603	53,678	64,922	68,926	74,128
Transportation and public utilities	1,682,468	1,785,852	1,906,646	2,027,625	2,135,924	2,257,546
Railroad transportation	(D)	111,835	109,392	(D)	108,105	101,690
Trucking and warehousing	328,287	334,603	339,958	377,626	351,615*	358,744*
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	399,847*	441,341*	501,461*	566,018*	613,624*	675,968*
Communication	(D)	569,261	609,311	(D)	(D)	(D)
Electric, gas, and sanitary services	113,776	121,679	116,192	126,930	150,005	170,170
Wholesale trade	1,638,118	1,710,089	1,752,905	1,924,336	2,034,476	2,149,941
Retail trade	2,155,586	2,282,025	2,478,683	2,585,652	2,744,826	2,949,489
Finance, insurance, and real estate	1,332,811	1,435,243	1,598,507	1,707,336	1,888,778	2,192,374
Banking and credit agencies	491,696	539,627	579,027	628,402	687,430	784,676
Other finance, insurance, and real estate[9]	841,115	895,616	1,019,480	1,078,934	1,201,348	1,407,698
Services	3,845,197	4,004,430	4,367,111	4,905,522	5,452,885	6,011,019
Hotels and other lodging places	106,349	105,245	135,269	135,681	131,851	148,220
Personal services	203,782	223,479	240,643	268,241	314,331	338,200
Private households	(D)	45,455	47,386	53,013	53,682	55,618
Business services	743,022	659,660	719,658	868,333	997,572	1,139,810
Auto repair, services, and garages	192,865	194,514	213,319	254,506	277,804	296,052
Miscellaneous repair services	88,935	89,517	108,660	125,298	119,426	126,455
Amusement and recreation services	102,680	115,239	131,203	157,633	181,825	185,145
Motion pictures	19,147	18,433*	18,253*	23,282*	25,555*	29,533*
Health services	1,172,776	1,307,332	1,387,988	1,455,738	1,616,210	1,782,304
Legal services	288,133	355,085	404,806	464,373	511,861	577,339
Educational services	107,712	121,735	134,828	147,392	157,442	161,796
Social services	91,180	101,669	119,446	140,797	157,196	169,104
Museums, botanical, zoological gardens	(D)	2,427*	2,714*	2,975*	3,292*	3,763*
Membership organizations	188,824	194,410	203,994	213,595	218,846	230,731
Miscellaneous services	495,502	469,397	497,965	592,727	683,459	764,164
Government and government enterprises	3,343,226	3,562,859	3,737,846	4,004,182	4,318,516	4,526,982
Federal, civilian	671,738	697,054	751,398	794,315	838,252	837,991
Military	500,235	578,001	601,490	630,116	697,140	719,100
State and local	2,171,253	2,287,804	2,384,958	2,579,751	2,783,124	2,969,891

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86

[Thousands of dollars]

	Abilene, TX (MSA)						Akron, OH (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,307,280**	**1,393,093**	**1,441,601**	**1,527,318**	**1,643,341**	**1,646,198**	**7,064,861**	**7,330,912**	**7,732,087**	**8,285,983**	**8,762,733**	**9,221,835**
Nonfarm personal income	1,283,067	1,384,038	1,431,926	1,515,623	1,624,403	1,626,740	7,060,713	7,325,451	7,728,020	8,271,563	8,753,420	9,212,240
Farm income[1]	24,213	9,055	9,675	11,695	18,938	19,458	4,148	5,461	4,067	14,420	9,313	9,595
Population (thousands)[2]	115.0	119.3	122.0	122.4	122.9	125.9	658.4	655.3	651.7	648.9	645.3	644.8
Per capita personal income (dollars)	**11,366**	**11,673**	**11,821**	**12,481**	**13,369**	**13,078**	**10,731**	**11,187**	**11,865**	**12,768**	**13,580**	**14,302**
Derivation of total personal income:												
Total earnings by place of work	1,075,991	1,116,668	1,162,703	1,222,787	1,302,654	1,266,065	4,989,197	5,031,342	5,258,760	5,697,230	6,017,319	6,343,881
Less: Personal contributions for social insurance[3]	54,709	58,465	61,467	64,926	71,870	70,257	313,437	325,609	350,298	381,610	419,855	445,446
Plus: Adjustment for residence	−79,660	−74,907	−82,635	−82,150	−86,503	−74,977	402,246	415,020	448,848	460,052	511,129	527,067
Equals: Net earnings by place of residence	941,622	983,296	1,018,601	1,075,711	1,144,281	1,120,831	5,078,006	5,120,753	5,357,310	5,775,672	6,108,593	6,425,502
Plus: Dividends, interest, and rent[5]	214,487	240,548	239,223	261,137	290,238	299,372	967,801	1,050,293	1,123,002	1,223,544	1,286,949	1,351,046
Plus: Transfer payments	151,171	169,249	183,777	190,470	208,822	225,995	1,019,054	1,159,866	1,251,775	1,286,767	1,367,191	1,445,287
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	857,983	904,948	929,477	972,173	1,027,837	984,033	4,274,372	4,322,181	4,472,185	4,842,016	5,111,930	5,369,664
Other labor income	73,699	83,190	86,468	86,202	88,416	82,720	434,260	455,199	478,507	498,528	513,648	538,055
Proprietors' income[6]	144,309	128,530	146,758	164,412	186,401	199,312	280,565	253,962	308,068	356,686	391,741	436,162
Farm	23,046	7,973	8,625	10,653	17,883	18,402	1,608	2,471	1,177	11,568	6,423	6,690
Nonfarm	121,263	120,557	138,133	153,759	168,518	180,910	278,957	251,491	306,891	345,118	385,318	429,472
Earnings by industry:												
Farm	24,213	9,055	9,675	11,695	18,938	19,458	4,148	5,461	4,067	14,420	9,313	9,595
Nonfarm	1,051,778	1,107,613	1,153,028	1,211,092	1,283,716	1,246,607	4,985,049	5,025,881	5,254,693	5,682,810	6,008,006	6,334,286
Private	863,068	897,883	919,752	965,393	1,019,468	962,635	4,387,445	4,380,756	4,575,128	4,953,908	5,229,108	5,490,438
Agricultural services, forestry, fisheries, and other[7]	7,908	9,724	10,249	9,453	7,187	7,923	20,588	20,622	23,843	25,574	24,864	25,812
Agricultural services	7,895	9,724	10,213	9,431	7,163	7,895	(D)	(D)	(D)	(D)	(D)	25,238
Forestry, fisheries, and other[7]	(L)	0	(L)	(L)	(L)	(L)	(D)	29*	(D)	(D)	(D)	574
Mining	140,107	127,870	113,339	120,065	122,096	81,001	29,296	28,242	27,647	30,046	38,099	32,366
Coal mining	(L)	(D)	(D)	(L)	(L)	(L)	84	80	93	114	124	129
Oil and gas extraction	138,749	124,485	109,732	116,272	118,032	(D)	25,513	24,776	23,979	25,695	33,366	29,073
Metal mining	0	0	0	0	0	0	(L)	−95	(L)	(L)	(L)	131
Nonmetallic minerals, except fuels	1,352	(D)	(D)	3,784	4,054	(D)	3,708	3,481	3,586	4,273	4,566	3,033
Construction	72,650	79,755	82,286	90,923	93,279	88,322	223,180	217,263	227,840	258,774	285,583	296,629
Manufacturing	100,020	127,186	136,411	125,416	131,832	124,010	1,955,907	1,885,119	1,937,937	2,103,868	2,170,166	2,246,250
Nondurable goods	34,412	39,768	42,208	46,171	46,235	44,884	1,037,530	1,016,949	1,008,960	1,072,320	1,082,552	1,112,910
Food and kindred products	21,352	23,943	23,912	26,995	26,777	24,911	59,613	58,936	61,489	62,522	68,624	67,415
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,733	1,715	1,728	2,021	2,121	2,582	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	0	0	31,605	37,007	44,450	49,232	48,711	49,780
Printing and publishing	5,525	6,333	7,207	7,512	8,041	8,275	54,350	56,606	62,801	63,475*	71,393	78,869
Chemicals and allied products	241	254	255	260	238	(D)	96,131	88,065	89,622	83,706	76,757*	91,375
Petroleum and coal products	2,574	4,686	6,080	6,122	6,515	6,251	8,525	8,017	8,473	8,955*	9,951	12,786
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,855	1,909	2,162	2,929	2,391	2,514	778,393	758,693	732,442	791,425	789,159	801,351
Leather and leather products	394	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)
Durable goods	65,608	87,418	94,203	79,245	85,597	79,126	918,377	868,170	928,977	1,031,548	1,087,614	1,133,340
Lumber and wood products	(D)	1,188	689	835	958	1,251	7,948	5,940	5,551	4,363	3,880	3,417
Furniture and fixtures	53	51	(L)	(D)	(D)	(D)	6,590	6,848	7,590	7,777	7,427	7,752
Primary metal industries	72	(D)	(D)	0	0	0	30,251	26,136	22,693	24,840	25,458	24,484
Fabricated metal products	14,972	27,273	20,218	24,188	20,581	15,776	346,260	321,967	374,677	419,589	433,830	463,222
Machinery, except electrical	31,717	(D)	(D)	27,651	33,604	31,933	260,829	236,824	223,401	239,494	256,862	261,535
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	49,896	48,126	51,291	62,348	65,564	59,484
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	851	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,366	2,525	2,681	2,612	2,251	1,979	40,413	37,655	32,965	30,159	27,790	20,643
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	9,501*	9,851*	9,690*	9,517*	9,393*	10,875*
Miscellaneous manufacturing industries	4,095	3,542	5,421	6,703	4,731	3,341	9,788*	10,484*	14,649*	20,991*	21,110	25,308
Transportation and public utilities	59,270	64,258	66,477	71,521	73,300	71,607	402,418	394,522	395,249	426,515	418,838	438,877
Railroad transportation	400	340	297	923	1,517	1,059	17,022	16,082	15,782	15,789	14,116	12,915
Trucking and warehousing	22,226	21,054	19,824	23,598	21,432	18,889	221,211	199,780	193,629	213,209	204,084	213,870
Water transportation	(D)	65	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	6,937	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	13,783	16,070	17,849	16,394	17,298	17,690	79,358	85,442	84,563	86,543	82,405	87,177
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	73,002	(D)	(D)	(D)	(D)	(D)
Wholesale trade	105,491	83,379	75,755	76,848	81,246	73,799	282,155	303,422	299,372	337,025	370,117	382,504
Retail trade	120,172	128,581	133,555	140,926	149,410	142,866	481,941	498,481	529,255	557,999	589,719	625,813
Finance, insurance, and real estate	48,777	51,080	56,343	57,622	59,610	58,416	161,859	162,581	185,525	180,183	204,044	241,776
Banking and credit agencies	22,604	26,737	28,881	29,424	30,550	28,878	63,343	68,747	73,085	71,091	74,735	81,230
Other finance, insurance, and real estate[9]	26,173	24,343	27,462	28,198	29,060	29,538	98,516	93,834	112,440	109,092	129,309	160,546
Services	208,673	226,050	245,337	272,619	301,508	314,691	830,101	870,504	948,460	1,033,924	1,127,678	1,200,411
Hotels and other lodging places	7,173	6,670	6,471	6,805	7,253	6,878	14,154	11,291	13,475	12,658	12,161	14,557
Personal services	12,660	13,806	13,031	14,128	16,992	17,488	47,062	50,080	51,193	55,558	64,550	68,999
Private households	4,176	4,628	4,936	5,548	5,649	5,885	10,228	(D)	(D)	12,409	12,404	12,692
Business services	40,715	39,598	44,043	50,519	59,317	60,374	125,794	124,079	148,689	174,045	195,934	211,209
Auto repair, services, and garages	13,788	12,860	14,091	16,759	17,864	16,960	41,967	38,726	40,113	45,420	49,303	54,151
Miscellaneous repair services	4,855	4,314	3,864	4,139	3,775	3,817	13,188	11,977	14,486	17,742	18,141	20,191
Amusement and recreation services	1,991	2,109	2,260	2,480	2,567	2,676	35,121	34,312	36,837	37,873	43,241	43,449
Motion pictures	(D)	317	397	492	559	735	1,990	(D)	(D)	(D)	(D)	(D)
Health services	64,300	77,430	87,392	95,534	108,262	118,100	334,353	380,255	401,512	418,449	445,137	466,864
Legal services	8,306	10,387	11,530	14,101	15,008	15,970	40,007	43,032	47,762	56,029	62,136	67,172
Educational services	19,188	(D)	(D)	(D)	(D)	(D)	19,069	20,138	22,693	(D)	(D)	(D)
Social services	2,965	3,726	3,976	4,020	4,041	4,345	22,370	24,824	28,240	31,511	34,319	38,293
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	697	662	761	877	926	976
Membership organizations	6,669	7,183	7,128	7,519	7,669	7,728	48,135	51,673	54,584	54,577	56,931	57,492
Miscellaneous services	21,537	21,967	22,800	24,150	24,600	25,116	75,966	66,416	74,609	87,886	99,609	109,473
Government and government enterprises	188,710	209,730	233,276	245,699	264,248	283,972	597,604	645,125	679,565	728,902	778,898	843,848
Federal, civilian	24,181	24,175	25,864	28,763	31,015	30,586	50,098	51,985	55,485	59,737	63,457	64,437
Military	77,687	88,056	97,724	102,273	109,215	125,023	8,195	9,252	10,034	9,771	10,597	11,192
State and local	86,842	97,499	109,688	114,663	124,018	128,363	539,311	583,888	614,046	659,394	704,844	768,219

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Albany, GA (MSA)						Albany—Schenectady—Troy, NY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**968,420**	**1,016,801**	**1,089,718**	**1,185,325**	**1,250,600**	**1,312,052**	**8,865,554**	**9,518,081**	**10,184,888**	**11,089,137**	**11,807,392**	**12,687,873**
Nonfarm personal income	954,162	1,004,461	1,079,385	1,162,822	1,234,266	1,292,151	8,829,288	9,481,858	10,157,460	11,055,232	11,768,584	12,643,745
Farm income[1]	14,258	12,340	10,333	22,503	16,334	19,901	36,266	36,223	27,428	33,905	38,808	44,128
Population (thousands)[2]	114.6	115.5	116.0	117.3	117.6	117.2	834.7	834.3	836.2	836.9	839.1	843.6
Per capita personal income (dollars)	**8,451**	**8,800**	**9,391**	**10,109**	**10,636**	**11,196**	**10,621**	**11,408**	**12,181**	**13,250**	**14,071**	**15,041**
Derivation of total personal income:												
Total earnings by place of work	827,955	858,086	916,055	1,008,762	1,068,974	1,091,990	6,285,396	6,688,471	7,144,354	7,861,941	8,523,918	9,211,572
Less: Personal contributions for social insurance[3]	44,604	47,105	49,164	54,109	59,745	61,197	358,954	382,437	417,172	465,795	522,143	565,367
Plus: Adjustment for residence	−75,372	−82,896	−86,544	−95,207	−106,737	−92,185	−219,307	−237,557	−241,441	−290,038	−342,332	−353,120
Equals: Net earnings by place of residence	707,979	728,085	780,347	859,446	902,492	938,608	5,707,135	6,068,477	6,485,741	7,106,108	7,659,443	8,293,085
Plus: Dividends, interest, and rent[5]	105,861	119,051	124,509	134,002	140,824	152,300	1,488,631	1,616,603	1,738,215	1,938,301	1,975,712	2,102,142
Plus: Transfer payments	154,580	169,665	184,862	191,877	207,284	221,144	1,669,788	1,833,001	1,960,932	2,044,728	2,172,237	2,292,646
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	698,705	731,048	778,273	850,333	903,296	915,304	5,380,492	5,747,623	6,100,745	6,718,811	7,287,780	7,860,890
Other labor income	66,485	72,267	75,691	79,740	83,906	82,306	479,417	529,049	558,902	588,773	619,570	655,572
Proprietors' income[6]	62,765	54,771	62,091	78,689	81,772	94,380	425,487	411,799	484,707	554,357	616,568	695,110
Farm	9,701	7,443	5,614	17,864	11,644	15,211	24,961	23,895	15,610	22,310	27,044	32,313
Nonfarm	53,064	47,328	56,477	60,825	70,128	79,169	400,526	387,904	469,097	532,047	589,524	662,797
Earnings by industry:												
Farm	14,258	12,340	10,333	22,503	16,334	19,901	36,266	36,223	27,428	33,905	38,808	44,128
Nonfarm	813,697	845,746	905,722	986,259	1,052,640	1,072,089	6,249,130	6,652,248	7,116,926	7,828,036	8,485,110	9,167,444
Private	641,956	658,826	698,494	757,793	810,821	818,627	4,580,152	4,796,147	5,144,485	5,680,787	6,164,473	6,635,263
Agricultural services, forestry, fisheries, and other[7]	4,659	4,392	4,289	4,320	4,656	4,728	12,577	(D)	(D)	(D)	(D)	(D)
Agricultural services	(D)	(D)	(D)	(D)	(D)	2,649	11,834	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	2,079	743	(D)	(D)	1,073	909	1,134
Mining	(D)	(D)	(D)	(D)	(D)	(D)	24,115	(D)	(D)	(D)	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	56	58	60
Oil and gas extraction	1,347	1,228	809	779	1,208	1,245	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	−162	(L)	−65	71	234
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	40,268	40,907	45,587	52,049	50,750	57,467	266,784	283,756	323,710	400,599	456,856	521,143
Manufacturing	273,772	276,606	277,593	295,166	318,156	287,933	1,362,222	1,353,226	1,380,489	1,464,795	1,504,699	1,530,218
Nondurable goods	217,575*	226,112*	228,093*	243,159*	259,331*	222,199*	526,671	533,296	562,193	608,565	638,075	673,886
Food and kindred products	71,136	75,517	74,568	75,990	78,650	76,247*	87,876*	86,168*	91,120*	93,296*	103,500*	109,456*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	73,133*	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	41,163	35,817	31,519*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	79,083	74,053*	81,022*	96,042*	106,015*	112,302
Printing and publishing	6,380	5,997*	6,570*	7,178*	8,635*	8,946*	62,965	70,909	76,666	91,635	100,021	116,161
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	18,109	(D)	18,545*	16,845*	16,404*	16,673*
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)	5,698*	(D)	(D)	4,357*	(D)
Durable goods	52,528*	46,451*	44,719*	46,862*	(D)	55,942*	835,551	819,930	818,296	856,230	866,624	856,332
Lumber and wood products	2,003	1,111*	974*	1,264*	1,705*	2,063*	11,227	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	7,873	(D)	5,403*	4,731*	5,103	4,186	(D)	(D)	(D)	(D)	41,879*	45,102
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	429,247*	458,101*	465,631*
Electric and electronic equipment	14,182	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	2,450	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	32,572	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,414	2,836	2,897	(D)	(D)	2,610	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	0	0	0	0	0	(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	52,266*	54,313*	59,068*	65,494	65,944	63,651	437,495	465,332	475,181	507,669	531,394	532,049
Railroad transportation	6,344	6,348	6,786	7,504	7,301	(D)	78,298	71,463*	70,389*	84,340*	90,719*	(D)
Trucking and warehousing	20,815	21,089	24,127	27,604	27,467	(D)	93,253	91,508	93,855	99,346*	100,653*	103,797*
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	4,664*	5,635*	(D)	(D)	4,821*
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	18,782	20,035	20,544	21,496	21,669	20,267	(D)	(D)	(D)	184,568	184,357*	181,912*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	48,794	54,596	59,354	60,953*	63,554*	71,141*	383,136	409,990	412,451	446,687	480,789	509,058
Retail trade	74,023	76,313	87,805	97,933	103,277	111,451	550,216	575,795	648,484	708,747	779,418	853,807
Finance, insurance, and real estate	29,518	29,848	33,139	37,126	40,858	44,350	272,233	276,727	325,371	357,851	406,420	505,298
Banking and credit agencies	(D)	14,288*	15,362*	17,257*	20,185*	23,928	90,062	91,174*	99,170*	108,757*	114,407*	132,721*
Other finance, insurance, and real estate[9]	(D)	15,270*	17,446*	19,489*	20,279*	20,422	182,171	180,673*	220,179*	242,537*	284,944*	363,749*
Services	116,473	119,738	129,773	141,224	159,889	172,711	1,271,374	1,395,957	1,541,964	1,753,303	1,954,227	2,129,670
Hotels and other lodging places	3,364	3,004	3,612	3,755	3,678	4,177	(D)	34,286	36,658	(D)	(D)	(D)
Personal services	8,342	8,866	9,351	9,927	11,494	12,502	50,350	52,414	59,609	64,457	75,963	81,025
Private households	4,409	4,752	5,000	5,627	5,746	6,004	(D)	13,074	13,604	15,086	15,109	15,472
Business services	10,865	10,885	11,832	15,289	20,696	21,702	233,555	255,212	279,907	338,306	395,345	423,989
Auto repair, services, and garages	9,188	9,180	9,931	10,407	10,678	11,721	43,743	42,451	48,146	57,548	61,946	69,146
Miscellaneous repair services	1,596	1,565	2,184	2,541	2,164	2,174	20,934	(D)	(D)	29,821	28,801	28,007
Amusement and recreation services	1,207*	1,340*	1,245*	1,446*	1,556*	1,872*	24,432	23,282	25,476	28,321	31,411	34,381
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	37,919	42,775	45,544	48,086	54,050	58,946	413,355	467,621	510,535	559,171	606,938	643,332
Legal services	6,413	7,781	8,713	10,961	11,942	13,103	67,892	80,432	92,949	115,651	129,695	148,353
Educational services	(D)	(D)	(D)	2,709	2,899	3,305	(D)	(D)	(D)	(D)	(D)	(D)
Social services	7,401	7,888	7,954	8,395	9,604*	9,839*	55,035	58,710	65,829	74,384	88,990	111,449
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,083*	6,734*	6,985*	7,179*	8,005	8,036	79,313	84,920	91,778	98,093	105,651	106,644
Miscellaneous services	16,183	11,529	13,910	13,884	16,966	18,931	117,687	123,630	132,124	150,500	177,497	207,067
Government and government enterprises	171,741	186,920	207,228	228,466	241,819	253,462	1,668,978	1,856,101	1,972,441	2,147,249	2,320,637	2,532,181
Federal, civilian	56,794	62,377	72,150	83,566	88,452	86,167	209,969	216,616	225,432	243,966	258,123	257,227
Military	20,489	21,354	23,837	25,820	25,448	26,831	43,144	51,759	55,611	62,794	65,438	70,085
State and local	94,458	103,189	111,241	119,080	127,919	140,464	1,415,865	1,587,726	1,691,398	1,840,489	1,997,076	2,204,869

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Albuquerque, NM (MSA)						Alexandria, LA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,369,367**	**4,724,434**	**5,087,895**	**5,598,679**	**6,147,918**	**6,519,223**	**1,139,425**	**1,220,665**	**1,306,224**	**1,372,423**	**1,452,341**	**1,498,693**
Nonfarm personal income	4,354,351	4,712,274	5,077,954	5,586,494	6,138,516	6,506,856	1,133,817	1,216,790	1,288,680	1,360,473	1,439,008	1,485,716
Farm income[1]	15,016	12,160	9,941	12,185	9,402	12,367	5,608	3,875	17,544	11,950	13,333	12,977
Population (thousands)[2]	426.4	433.5	445.2	455.1	465.1	474.4	136.4	136.9	138.5	139.3	139.2	139.6
Per capita personal income (dollars)	**10,248**	**10,898**	**11,429**	**12,303**	**13,218**	**13,742**	**8,352**	**8,917**	**9,434**	**9,855**	**10,437**	**10,738**
Derivation of total personal income:												
Total earnings by place of work	3,384,848	3,658,945	4,050,728	4,468,105	4,909,346	5,233,852	794,871	819,059	882,145	936,561	972,869	1,001,275
Less: Personal contributions for social insurance[3]	202,846	224,846	258,319	271,823	308,836	332,152	42,374	46,060	47,224	51,565	56,046	58,464
Plus: Adjustment for residence	−110,374	−170,848	−255,281	−280,059	−329,999	−366,397	−6,079	2,152	−1,119	−9,130	−13,810	−18,042
Equals: Net earnings by place of residence	3,071,628	3,263,251	3,537,128	3,916,223	4,270,511	4,535,303	746,418	775,151	833,802	875,866	903,013	924,769
Plus: Dividends, interest, and rent[5]	652,395	755,118	793,270	890,786	1,011,199	1,059,904	168,565	183,070	191,678	202,521	225,903	229,214
Plus: Transfer payments	645,344	706,065	757,497	791,670	866,208	924,016	224,442	262,444	280,744	294,036	323,425	344,710
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,887,989	3,131,583	3,459,319	3,815,669	4,192,875	4,461,508	649,312	672,891	704,291	752,216	779,848	800,052
Other labor income	251,287	292,336	328,443	353,762	385,623	408,603	56,561	60,432	64,185	65,961	67,941	70,876
Proprietors' income[6]	245,572	235,026	262,966	298,674	330,848	363,741	88,998	85,736	113,669	118,384	125,080	130,347
Farm	12,613	9,773	7,644	9,930	7,124	10,076	2,468	325	14,121	8,648	10,000	9,610
Nonfarm	232,959	225,253	255,322	288,744	323,724	353,665	86,530	85,411	99,548	109,736	115,080	120,737
Earnings by industry:												
Farm	15,016	12,160	9,941	12,185	9,402	12,367	5,608	3,875	17,544	11,950	13,333	12,977
Nonfarm	3,369,832	3,646,785	4,040,787	4,455,920	4,899,944	5,221,485	789,263	815,184	864,601	924,611	959,536	988,298
Private	2,589,152	2,811,488	3,133,446	3,493,580	3,876,078	4,140,885	550,866	556,457	591,101	643,907	667,791	696,562
Agricultural services, forestry, fisheries, and other[7]	8,861	9,327	11,458	13,327	13,492	15,612	3,192	3,478	4,834	4,979	4,344	4,379
Agricultural services	8,781	9,312	11,233	13,170	13,280	15,375	2,599	3,338	3,449	3,595	3,510	3,497
Forestry, fisheries, and other[7]	80	(L)	225	157	212	237	593	140	1,385	1,384	834	882
Mining	21,199	20,279	19,022	20,721	23,744	18,767	13,782	14,499	10,485	11,493	11,947	10,424
Coal mining	496	371	135	103	109	113	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	15,612	16,284	13,924	14,658	18,146	18,072	10,796	10,965	7,582	8,774	8,761	7,424
Metal mining	4,471	3,123	4,314	4,656	(D)	1,791	0	0	0	0	0	0
Nonmetallic minerals, except fuels	620	501	649	1,304	(D)	−1,209	2,983	3,531	2,899	2,708	3,175	2,989
Construction	241,722	267,401	309,841	365,721	423,932	416,812	76,393	62,069	64,412	73,037	74,216	71,537
Manufacturing	301,281	325,570	362,182	410,216	455,663	489,707	81,118	77,842	76,699	79,727	81,479	86,095
Nondurable goods	79,503	80,879	90,101	96,220	101,819	109,137	30,718	31,190	32,904	32,947	34,192	38,399
Food and kindred products	30,161	30,145	32,336	33,168	33,156	34,973	9,063	8,702	8,876	8,482	8,238	9,225
Textile mill products	113	133	234	205	295	325	(L)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	11,744	(D)	(D)	10,577	10,163	11,163	0	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	1,515	2,254	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	27,555	30,342	34,357	37,561	41,629	43,448	5,021	5,218	5,635	(D)	6,303	6,726
Chemicals and allied products	1,925	2,709	3,557	5,355	5,880	7,020	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	604	869	1,113	1,111	2,162	2,486	(D)	93	0	0	0	0
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	1,644	1,506	1,662	1,544	2,655	3,503	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	221,778	244,691	272,081	313,996	353,844	380,570	50,400	46,652	43,795	46,780	47,287	47,696
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	13,720	12,857	12,548	11,665	10,886	8,273
Furniture and fixtures	1,519	2,435	3,393	3,581	3,878	3,785	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,085	1,082	1,389	2,268	1,856	2,071	(D)	(D)	(D)	(D)	(D)	0
Fabricated metal products	18,434	13,058	12,099	13,903	16,669	14,812	(D)	(D)	(D)	(D)	(D)	23,605
Machinery, except electrical	31,351	34,687	37,603	40,900	40,786	39,599	1,101	1,015	468	886	1,077	1,098
Electric and electronic equipment	52,505	74,878	89,497	117,233	134,961	79,414	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	156	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	5,685	3,377	3,141	2,626	2,146	1,953	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	23,115	23,497	24,009	28,695	33,088	32,578	(D)	4,070	6,377	7,592	7,746	6,970
Instruments and related products	10,158	15,214	19,384	19,420	22,923	96,505	(D)	(D)	(D)	(D)	(D)	0
Miscellaneous manufacturing industries	13,134	12,041	11,304	11,127	11,078	13,705	866	561	900	1,384	1,580	2,014
Transportation and public utilities	303,335	324,996	344,238	362,313	380,032	388,479	56,476	59,964	61,055	68,417	70,005	74,618
Railroad transportation	14,884	14,026	13,845	21,316	22,572	21,410	12,804	10,359	8,330	11,396	13,472	11,627
Trucking and warehousing	86,962	88,624	87,618	91,600	94,091	100,138	9,618	10,750	11,694	14,288	14,406	16,505
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	0	0	0
Other transportation[8]	33,357	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,430	3,628	3,790
Communication	110,289	117,659	125,216	121,204	126,925	123,571	16,419	18,144	18,332	18,463	17,168	14,937
Electric, gas, and sanitary services	57,843	(D)	(D)	(D)	(D)	(D)	13,398	16,158	18,500	20,840	21,331	27,759
Wholesale trade	267,621	285,579	291,150	319,133	350,815	352,941	36,845	38,698	40,649	41,909	43,320	41,596
Retail trade	373,266	396,024	442,451	490,185	529,438	564,642	85,092	88,251	97,843	106,834	107,165	108,834
Finance, insurance, and real estate	185,631	186,692	230,840	260,742	299,388	342,961	37,082	37,960	41,340	43,997	46,658	50,872
Banking and credit agencies	66,973	74,735	89,014	100,532	117,040	129,805	18,623	20,000	21,677	24,024	25,838	25,340
Other finance, insurance, and real estate[9]	118,658	111,957	141,826	160,210	182,348	213,156	18,459	17,960	19,663	19,973	20,820	25,532
Services	886,236	995,620	1,122,264	1,251,222	1,399,574	1,550,964	160,886	173,696	193,784	213,514	228,657	248,207
Hotels and other lodging places	23,797	26,284	30,948	32,554	35,426	40,210	3,460	3,405	3,787	4,122	4,846	6,316
Personal services	30,348	35,373	40,050	43,355	52,490	54,968	9,590	10,616	11,061	11,346	13,095	14,276
Private households	12,517	(D)	(D)	(D)	(D)	(D)	6,895	7,500	7,872	8,756	8,795	9,029
Business services	332,607	383,032	435,274	480,828	540,449	606,522	17,135	18,984	21,192	22,606	25,782	28,422
Auto repair, services, and garages	37,511	36,974	44,837	52,265	58,213	59,586	7,381	7,589	9,686	11,000	11,380	10,527
Miscellaneous repair services	10,963	12,512	14,371	16,623	16,288	17,204	4,176	3,646	4,319	4,997	3,802	3,953
Amusement and recreation services	9,889	10,802	11,514	13,403	15,993	17,609	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	2,157	2,853	3,530	4,080	3,396	(D)	(D)	(D)	(D)	(D)	(D)
Health services	216,651	251,354	277,899	304,483	335,854	371,056	68,378	78,645	88,348	95,882	100,252	110,802
Legal services	49,710	60,549	68,471	79,360	91,173	101,039	10,661	12,215	13,507	15,886	17,980	20,573
Educational services	17,273	18,364	19,753	20,340	20,871	21,837	4,926	5,345	6,073	6,866	7,830	8,706
Social services	19,674	19,519	21,826	24,222	27,275	28,588	5,530	5,164	6,012	7,003	7,923	8,828
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	29,424	31,857	34,670	38,689	39,727	41,209	6,236	6,774	7,274	7,913	8,150	8,355
Miscellaneous services	93,752	93,051	105,150	125,037	144,750	170,043	15,538	12,815	13,557	15,921	17,523	16,976
Government and government enterprises	780,680	835,297	907,341	962,340	1,023,866	1,080,600	238,397	258,727	273,500	280,704	291,745	291,736
Federal, civilian	273,775	280,225	301,339	312,109	334,688	343,646	52,714	56,820	60,834	60,963	64,222	63,861
Military	98,718	113,488	125,569	134,623	139,672	148,206	49,665	51,209	57,732	60,055	62,753	63,849
State and local	408,187	441,584	480,433	515,608	549,506	588,748	136,018	150,698	154,934	159,686	164,770	164,026

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Allentown—Bethlehem, PA—NJ (MSA)						Altoona, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**7,311,578**	**7,710,278**	**8,131,141**	**8,781,982**	**9,363,430**	**9,812,385**	**1,203,145**	**1,239,174**	**1,280,268**	**1,344,809**	**1,438,867**	**1,514,273**
Nonfarm personal income	7,271,838	7,673,280	8,109,147	8,737,032	9,323,078	9,769,715	1,196,190	1,232,697	1,276,651	1,337,181	1,432,457	1,505,944
Farm income[1]	39,740	36,998	21,994	44,950	40,352	42,670	6,955	6,477	3,617	7,628	6,410	8,329
Population (thousands)[2]	639.2	641.6	643.0	646.8	650.7	656.8	135.7	135.9	134.9	133.5	132.9	132.5
Per capita personal income (dollars)	**11,438**	**12,017**	**12,645**	**13,578**	**14,390**	**14,939**	**8,869**	**9,120**	**9,494**	**10,070**	**10,823**	**11,429**
Derivation of total personal income:												
Total earnings by place of work	5,116,862	5,193,369	5,311,161	5,842,308	6,150,443	6,383,396	878,232	854,886	858,885	924,754	1,000,008	1,063,326
Less: Personal contributions for social insurance[3]	304,215	322,500	330,172	371,575	407,622	426,927	51,958	54,078	54,139	60,605	68,385	73,537
Plus: Adjustment for residence	275,996	304,820	446,720	493,110	552,139	629,879	−52,522	−44,635	−42,977	−45,913	−54,100	−60,064
Equals: Net earnings by place of residence	5,088,643	5,175,689	5,427,709	5,963,843	6,294,960	6,586,348	773,752	756,173	761,769	818,236	877,523	929,725
Plus: Dividends, interest, and rent[5]	1,155,442	1,304,279	1,359,214	1,490,462	1,640,769	1,722,143	151,418	170,011	178,727	193,845	209,142	219,217
Plus: Transfer payments	1,067,493	1,230,310	1,344,218	1,327,677	1,427,701	1,503,894	277,975	312,990	339,772	332,728	352,202	365,331
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,131,936	4,200,373	4,273,896	4,694,624	4,942,390	5,102,374	722,040	699,375	695,416	744,849	806,050	852,817
Other labor income	525,192	541,465	537,481	567,206	578,958	582,585	71,775	72,573	72,099	74,450	81,299	85,801
Proprietors' income[6]	459,734	451,531	499,784	580,478	629,095	698,437	84,417	82,938	91,370	105,455	112,659	124,708
Farm	29,849	26,104	11,601	34,809	30,054	32,305	4,745	4,058	1,319	5,385	4,125	6,033
Nonfarm	429,885	425,427	488,183	545,669	599,041	666,132	79,672	78,880	90,051	100,070	108,534	118,675
Earnings by industry:												
Farm	39,740	36,998	21,994	44,950	40,352	42,670	6,955	6,477	3,617	7,628	6,410	8,329
Nonfarm	5,077,122	5,156,371	5,289,167	5,797,358	6,110,091	6,340,726	871,277	848,409	855,268	917,126	993,598	1,054,997
Private	4,648,704	4,701,579	4,802,318	5,285,970	5,556,478	5,738,785	765,524	737,702	734,778	791,197	861,425	917,271
Agricultural services, forestry, fisheries, and other[7]	10,179	11,464	14,760	15,571	17,006	19,749	2,362	2,027	2,679	2,750	1,963	2,376
Agricultural services	9,889	11,375	14,163	15,054	16,410	19,051	2,206	2,083	2,244	2,259	1,750	2,092
Forestry, fisheries, and other[7]	290	89	597	517	596	698	156	−56	435	491	213	284
Mining	29,678	33,215	29,204	23,887	33,385	36,387	6,994	5,672	4,849	4,179	4,385	3,481
Coal mining	1,923	(D)	(D)	(D)	(D)	(D)	4,035	(D)	(D)	(D)	1,715	909
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,736	1,595	1,300	1,412	2,204	2,207
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,223	(D)	(D)	(D)	(D)	(D)
Construction	238,678	256,797	273,015	312,796	355,029	408,301	44,847	39,499	42,733	48,343	65,986	69,631
Manufacturing	2,364,868	2,273,074	2,196,374	2,432,329	2,445,148	2,304,351	225,075	215,479	206,539	219,713	229,891	241,684
Nondurable goods	843,381	882,214	911,704	966,433	983,178	1,011,497	107,338	109,199	106,068	111,549	115,757	126,823
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	16,758	17,209	16,018	14,908	16,441	17,907
Textile mill products	62,676*	51,846*	51,976*	52,744*	(D)	44,024*	(D)	16,228	15,425	(D)	(D)	(D)
Apparel and other textile products	218,580	211,649	218,924	219,600	201,846	190,053	12,846	13,821	13,748	15,658	12,671	12,589
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	31,584	32,939	34,529	36,835	37,659	42,493
Printing and publishing	88,062*	88,923*	95,300*	111,828*	122,950*	131,400*	17,683	18,271	18,263	19,630	22,760	27,205
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,767	1,697	1,953	2,302	3,228	3,524
Petroleum and coal products	2,537	1,564*	1,565*	1,645	1,648*	1,900*	2,316	795	718	815	620	724
Tobacco manufactures	2,152*	2,137*	2,426*	2,672*	2,806*	4,100	0	0	0	0	0	0
Rubber and misc. plastic products	29,549*	31,224*	39,450*	59,617*	64,209*	68,331*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,521,487	1,390,860	1,284,670	1,465,896	1,461,970	1,292,854	117,737	106,280	100,471	108,164	114,134	114,861
Lumber and wood products	6,705	(D)	(D)	8,370	9,159	9,923	2,723	3,615	4,522	5,641	6,088	6,415
Furniture and fixtures	6,397*	15,538*	15,935*	19,134*	24,482*	26,246*	(D)	(D)	(D)	(D)	(D)	219
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,160	7,878	10,328	9,901	(D)
Fabricated metal products	121,834*	100,403	90,293	82,801*	85,133*	87,305*	13,752	11,906	11,638	12,173	11,855	11,921
Machinery, except electrical	(D)	182,580*	158,839*	(D)	(D)	(D)	28,970	27,770	23,690	27,432	27,183	27,655
Electric and electronic equipment	224,988	215,862	234,144	300,757*	328,565*	(D)	22,385	21,185	18,566	16,539	18,357	16,983
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Motor vehicles and equipment	201,176	(D)	(D)	(D)	(D)	(D)	1,659	(D)	(D)	(D)	1,901	(D)
Stone, clay, and glass products	65,415	65,357	60,826	70,101	73,317	75,005	30,250	25,817	25,378	25,261	29,965	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	53,123*	51,716	57,827	72,211	63,122	70,068	(D)	1,259	1,260	1,371	1,317	1,685
Transportation and public utilities	364,219	390,272	408,786	445,453	470,755	502,862	182,661	155,682	134,136	148,087	162,807	166,988
Railroad transportation	21,112*	17,602	14,447	15,064	14,319	16,406	115,805	87,947	64,866	72,981	75,958	75,376
Trucking and warehousing	95,351*	100,939	102,765	122,643	125,771	130,921	25,821	26,159	27,078	30,096	30,315	31,751
Water transportation	(L)	(D)	(D)	(D)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	9,015	8,012	8,590	9,125	7,995	8,287
Communication	85,454	100,676	104,944	110,732	109,695	116,537	20,563	21,702	21,466	21,807	32,610	35,280
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	11,457	11,862	12,136	14,078	15,929	16,294
Wholesale trade	236,330	237,883	229,339	252,071	267,374	282,241	39,180	42,970	48,336	53,399	56,874	60,941
Retail trade	465,983	473,686	513,732	543,003	573,322	643,007	96,524	97,317	101,990	105,149	114,129	123,014
Finance, insurance, and real estate	162,135	154,781	182,186	194,965	204,717	246,406	25,867	24,215	26,555	28,114	28,245	32,859
Banking and credit agencies	75,164	78,558*	83,457*	(D)	99,234	88,170*	12,876	13,786	14,067	14,487	15,431	15,998
Other finance, insurance, and real estate[9]	86,971	71,012*	91,812*	(D)	105,483	149,861*	12,991	10,429	12,488	13,627	12,814	16,861
Services	776,634	870,407	954,922	1,065,895	1,189,742	1,295,481	142,014	154,841	166,961	181,463	197,145	216,297
Hotels and other lodging places	15,743	19,310*	19,061*	20,653*	24,699*	25,442*	3,688	3,406	3,755	3,552	3,482	3,924
Personal services	46,404	52,414	56,878	62,727	76,667	82,589	7,155	8,109	8,695	9,203	11,053	12,329
Private households	7,154	7,639	7,923	8,776	8,767	8,999	1,899	2,026	2,098	2,321	2,315	2,373
Business services	98,161	117,287	134,681	161,693	188,557	207,824	10,565	12,023	12,682	14,936	19,917	23,982
Auto repair, services, and garages	41,458	41,898	46,277	54,946	62,693	66,412	7,604	7,745	9,261	10,560	11,097	11,347
Miscellaneous repair services	11,917	14,182	16,698	20,124	19,134	22,282	1,853	2,456	3,083	3,788	3,390	3,511
Amusement and recreation services	18,269	21,656	23,435	25,248	30,032	25,650	2,086	1,892	1,913	2,145	2,514	3,094
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	430	419	378	513	522	519
Health services	319,945	373,470	411,608	439,394	480,410	529,703	72,033	82,392	89,163	94,090	98,612	107,246
Legal services	31,740	35,205	37,232	44,140	48,425	53,616	4,118	4,921	5,266	6,564	7,066	7,817
Educational services	61,313*	70,847	75,995	96,030	101,479	109,727	5,215	5,268	5,617	6,244	6,744	7,909
Social services	24,866	25,730	27,616	27,263	33,071	37,384	5,662	5,921	6,767	7,072	7,582	8,097
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	40,406	44,554	45,760	46,846	48,463	50,158	6,574	7,109	7,419	7,600	7,926	7,917
Miscellaneous services	51,824	43,878	49,105	54,773	63,328	70,425	13,132	11,154	10,864	12,875	14,925	16,232
Government and government enterprises	428,418	454,792	486,849	511,388	553,613	601,941	105,753	110,707	120,490	125,929	132,173	137,726
Federal, civilian	48,882	50,632	52,947	56,533	61,465	63,571	18,804	19,977	20,653	22,365	23,884	25,022
Military	14,651	14,524	18,061	16,614	18,253	19,772	3,286	3,243	3,937	3,291	3,600	3,858
State and local	364,885	389,636	415,841	438,241	473,895	518,598	83,663	87,487	95,900	100,273	104,689	108,846

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Amarillo, TX (MSA)						Anaheim—Santa Ana, CA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,983,241**	**2,165,182**	**2,321,982**	**2,497,787**	**2,638,291**	**2,671,707**	**28,833,740**	**30,612,687**	**32,941,347**	**36,655,670**	**40,274,619**	**43,670,239**
Nonfarm personal income	1,965,105	2,135,293	2,263,482	2,454,070	2,589,174	2,620,378	28,750,160	30,517,274	32,822,046	36,545,599	40,151,568	43,559,716
Farm income[1]	18,136	29,889	58,500	43,717	49,117	51,329	83,580	95,413	119,301	110,071	123,051	110,523
Population (thousands)[2]	178.5	183.5	187.0	191.9	193.8	195.2	1,994.1	2,026.8	2,061.9	2,087.7	2,127.0	2,166.8
Per capita personal income (dollars)	**11,110**	**11,800**	**12,416**	**13,014**	**13,616**	**13,684**	**14,460**	**15,104**	**15,976**	**17,558**	**18,935**	**20,154**
Derivation of total personal income:												
Total earnings by place of work	1,500,713	1,616,276	1,765,554	1,883,337	1,965,500	1,952,592	18,824,167	19,827,191	21,556,171	24,537,902	27,321,675	29,868,725
Less: Personal contributions for social insurance[3]	76,829	84,412	91,757	99,423	108,934	108,937	996,188	1,068,616	1,223,085	1,399,447	1,630,036	1,798,662
Plus: Adjustment for residence	29,425	44,329	34,691	44,961	52,091	59,817	3,575,547	3,734,597	3,937,147	3,998,780	4,283,176	4,483,120
Equals: Net earnings by place of residence	1,453,309	1,576,193	1,708,488	1,828,875	1,908,657	1,903,472	21,403,526	22,493,172	24,270,233	27,137,235	29,974,815	32,553,183
Plus: Dividends, interest, and rent[5]	326,957	361,396	363,177	404,943	439,177	454,549	4,668,572	5,009,138	5,353,233	6,087,177	6,557,818	7,068,767
Plus: Transfer payments	202,975	227,593	250,317	263,969	290,457	313,686	2,761,642	3,110,377	3,317,881	3,431,258	3,741,986	4,048,289
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,190,572	1,278,716	1,358,319	1,460,322	1,512,015	1,479,090	15,281,497	16,173,862	17,365,324	19,828,070	22,046,840	24,064,862
Other labor income	118,910	131,582	141,899	145,274	144,801	142,097	1,534,140	1,692,391	1,851,320	2,032,863	2,208,950	2,394,678
Proprietors' income[6]	191,231	205,978	265,336	277,741	308,684	331,405	2,008,530	1,960,938	2,339,527	2,676,969	3,065,885	3,409,185
Farm	14,544	25,821	54,586	39,877	45,221	47,404	47,120	49,950	71,512	64,442	69,647	57,351
Nonfarm	176,687	180,157	210,750	237,864	263,463	284,001	1,961,410	1,910,988	2,268,015	2,612,527	2,996,238	3,351,834
Earnings by industry:												
Farm	18,136	29,889	58,500	43,717	49,117	51,329	83,580	95,413	119,301	110,071	123,051	110,523
Nonfarm	1,482,577	1,586,387	1,707,054	1,839,620	1,916,383	1,901,263	18,740,587	19,731,778	21,436,870	24,427,831	27,198,624	29,758,202
Private	1,287,022	1,365,013	1,463,921	1,580,645	1,637,917	1,615,803	16,700,871	17,549,200	19,134,905	21,934,384	24,467,702	26,824,924
Agricultural services, forestry, fisheries, and other[7]	6,737	7,754	9,096	9,731	9,359	9,590	136,955	126,805	158,170	170,191	179,955	201,749
Agricultural services	6,690	7,741	8,986	9,681	9,250	9,470	134,308	125,607	152,572	166,751	173,706	194,313
Forestry, fisheries, and other[7]	(L)	(L)	110	50	109	120	2,647	1,198	5,598	3,440	6,249	7,436
Mining	85,118	97,793	88,913	99,019	101,696	96,075	166,169	156,602	182,197	195,810	186,140	138,133
Coal mining	0	0	0	0	0	0	198	229	303	409	450	473
Oil and gas extraction	83,839	(D)	(D)	98,529	101,688	96,137	157,052	149,598	174,051	186,531	172,846	133,084
Metal mining	(D)	(D)	(D)	(D)	0	0	277	−211	181	166	781	1,273
Nonmetallic minerals, except fuels	(D)	496	(L)	(D)	(L)	−62	8,642	6,986	7,662	8,704	12,063	3,303
Construction	114,174	119,220	143,465	159,706	164,942	158,486	1,650,400	1,534,219	1,552,875	1,718,974	1,970,421	2,286,704
Manufacturing	215,856	207,793	219,850	234,621	231,621	227,714	5,111,021	5,319,579	5,660,046	6,370,813	7,015,242	7,369,984
Nondurable goods	103,985	105,972	113,070	122,540	116,448	110,624	1,114,496	1,206,092	1,277,469	1,441,273	1,491,179	1,606,703
Food and kindred products	68,828*	74,144	78,156	78,434	78,561	80,307	210,689	224,551	230,053	244,426	258,225	289,019
Textile mill products	0	0	0	0	0	0	39,025	34,678	45,870	55,689	53,536	62,096
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	47,024	46,504	47,660	53,438	54,749	65,566
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	99,079	103,489	101,753	112,536	128,533	134,626
Printing and publishing	10,603	12,320	13,064	13,565	14,677	15,041	217,568	235,957	263,530	308,678	321,964	386,517
Chemicals and allied products	2,025	1,753	2,197	2,446	2,423*	2,125*	183,318	212,762	231,794	256,226	252,467	213,421
Petroleum and coal products	7,142	6,815	7,364	7,299	3,579	2,306	61,911	96,450	98,446	103,701	105,306	114,715
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,050	(D)	(D)	(D)	(D)	(D)	254,020	248,860	254,459	302,939	313,170	337,770
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	1,862	2,841	3,904	3,640	3,229	2,973
Durable goods	111,871	101,821	106,780	112,081	115,173	117,090	3,996,525	4,113,487	4,382,577	4,929,540	5,525,063	5,763,281
Lumber and wood products	7,560*	(D)	(D)	(D)	13,031	10,834	62,076	50,024	57,017	62,023	66,044	80,584
Furniture and fixtures	1,361	1,095*	1,247*	1,383*	1,388	1,169	118,223	117,548	131,941	162,562	162,674	165,690
Primary metal industries	(D)	(D)	(D)	32,233	(D)	(D)	48,356	53,526	57,193	71,760	64,423	65,808
Fabricated metal products	4,009	(D)	2,808*	3,116	3,402	2,715	452,483	436,871	448,217	533,305	638,062	616,484
Machinery, except electrical	19,111	(D)	(D)	(D)	(D)	11,566	845,724	849,240	829,173	924,011	996,611	962,655
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,397,764	1,543,527	1,750,157	2,016,751	2,253,437	2,222,390
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	460,649	446,225	454,486	480,066	642,244	840,436
Motor vehicles and equipment	668	0	0	(D)	(D)	(D)	31,215	37,213	42,269	67,663	69,253	74,301
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	95,292	75,399	77,977	88,817	89,256	131,990
Instruments and related products	(D)	(D)	(D)	411*	444	426	397,145	423,994	459,119	439,071	456,959	512,345
Miscellaneous manufacturing industries	1,600	1,578	1,612	1,368	1,362	1,355	87,598	79,920	75,028	83,511	86,100	90,598
Transportation and public utilities	195,170	197,426	200,310	213,952	218,578	214,109	786,435	864,937	906,254	996,731	1,108,678	1,139,395
Railroad transportation	56,859	54,937	55,305	62,106	60,365	54,280	12,967	11,578	10,894	11,042	9,908	9,034
Trucking and warehousing	48,827	44,650	41,142	41,692	41,001	39,139	230,166	229,439	243,933	288,671	301,730	316,296
Water transportation	0	0	0	0	0	0	3,157	4,905	5,876	5,397	6,421	6,870
Other transportation[8]	9,980	11,781	12,452	12,117	11,666	12,186	(D)	167,643	153,123	173,836	199,936	224,709
Communication	29,852	31,548	31,599	30,197	34,196	35,663	(D)	357,971	387,072	392,572	448,306	421,659
Electric, gas, and sanitary services	49,652	54,510	59,812	67,840	71,350	72,841	74,963	93,401	105,356	125,213	142,377	160,827
Wholesale trade	152,974	158,550	159,807	159,008	158,105	143,756	1,043,734	1,102,428	1,259,655	1,525,912	1,763,504	1,962,823
Retail trade	178,376	191,635	209,795	229,213	233,312	232,787	2,213,311	2,345,910	2,559,591	2,834,650	3,114,800	3,308,141
Finance, insurance, and real estate	72,108	74,200	85,187	93,085	100,137	101,559	1,339,239	1,343,625	1,579,941	1,832,868	2,176,437	2,663,570
Banking and credit agencies	31,011	34,221	37,450	41,104	44,596	(D)	396,719	438,348	533,178	635,706	695,963	853,699
Other finance, insurance, and real estate[9]	41,097	39,979	47,737	51,981	55,541	(D)	942,520	905,277	1,046,763	1,197,162	1,480,474	1,809,871
Services	266,509	310,642	347,498	382,310	420,167	431,727	4,253,607	4,755,095	5,276,176	6,288,435	6,951,525	7,754,425
Hotels and other lodging places	9,856	9,439	10,398	10,456	10,261	9,874	125,848	135,191	159,371	182,990	226,389	233,414
Personal services	18,988	20,609	21,651	22,506	27,730	29,311	190,852	199,242	212,337	227,154	274,310	303,576
Private households	11,368	12,640	13,482	15,202	15,487	16,149	47,511	51,776	54,744	61,795	63,142	66,189
Business services	41,340	56,970	63,714	72,669	88,760	87,985	1,104,644	1,342,299	1,549,154	1,915,038	2,043,300	2,323,531
Auto repair, services, and garages	21,929	21,717	25,793	28,474	29,345	27,842	213,848	209,609	234,320	283,808	311,476	336,857
Miscellaneous repair services	5,182	6,297	6,242	6,342	5,242	5,071	78,668	86,268	102,082	122,383	120,596	142,148
Amusement and recreation services	4,818	4,838	5,522	6,469	6,716	6,679	183,585	208,808	228,101	246,374	282,235	353,122
Motion pictures	(D)	(D)	1,032*	1,175*	(D)	(D)	9,060	13,093	15,097	28,906	37,940	44,692
Health services	89,045	106,365	124,280	132,808	141,704	149,013	1,233,207	1,398,866	1,484,710	1,622,668	1,778,210	1,967,586
Legal services	20,253	23,864	27,593	34,000	38,102	41,159	180,137	224,914	263,438	322,267	372,019	426,802
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	73,750	80,063	95,424	103,826	113,277	125,424
Social services	6,438	6,472	7,535	8,561	9,598	10,363	(D)	54,103	62,106	72,040	82,091	109,052
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	728	1,001	1,142	1,130	1,385
Membership organizations	10,410	11,727	12,707	13,618	14,087	14,189	137,399	159,550	178,095	186,724	194,927	197,894
Miscellaneous services	23,930	26,552	24,942	26,909	28,652	29,553	624,594	590,585	636,196	911,320	1,050,483	1,122,753
Government and government enterprises	195,555	221,374	243,133	258,975	278,466	285,460	2,039,716	2,182,578	2,301,965	2,493,447	2,730,922	2,933,278
Federal, civilian	45,228	48,062	51,890	56,034	61,279	61,791	264,894	273,858	303,016	352,534	385,572	397,078
Military	3,265	4,025	4,268	4,343	4,669	5,090	194,969	231,434	239,135	273,319	301,739	281,439
State and local	147,062	169,287	186,975	198,598	212,518	218,579	1,579,853	1,677,286	1,759,814	1,867,594	2,043,611	2,254,761

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Anchorage, AK (MSA)						Anderson, IN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,124,794**	**3,844,113**	**4,371,779**	**4,623,085**	**4,838,842**	**4,828,779**	**1,344,339**	**1,312,711**	**1,416,275**	**1,594,404**	**1,671,747**	**1,732,001**
Nonfarm personal income	3,124,794	3,844,113	4,371,779	4,623,085	4,838,842	4,828,779	1,330,780	1,302,238	1,413,989	1,575,065	1,651,399	1,714,881
Farm income[1]	0	0	0	0	0	0	13,559	10,473	2,286	19,339	20,348	17,120
Population (thousands)[2]	184.1	198.6	218.0	227.5	232.3	235.0	137.2	135.3	134.3	133.9	133.5	132.7
Per capita personal income (dollars)	**16,977**	**19,353**	**20,051**	**20,319**	**20,829**	**20,550**	**9,798**	**9,700**	**10,546**	**11,908**	**12,525**	**13,053**
Derivation of total personal income:												
Total earnings by place of work	2,833,186	3,358,680	3,794,191	4,114,337	4,255,179	4,193,353	990,361	930,519	1,017,779	1,184,942	1,258,177	1,284,891
Less: Personal contributions for social insurance[3]	188,473	216,063	228,705	251,266	269,540	265,981	55,995	55,152	58,620	68,096	75,868	78,515
Plus: Adjustment for residence	7,299	17,643	9,626	−34,210	−76,318	−88,804	−9,208	−1,905	−3,541	−13,677	−13,677	−7,328
Equals: Net earnings by place of residence	2,652,012	3,160,260	3,575,112	3,828,861	3,909,321	3,838,568	925,158	873,462	955,618	1,103,169	1,168,632	1,199,048
Plus: Dividends, interest, and rent[5]	249,186	299,941	371,486	423,062	481,947	493,630	214,915	215,449	225,555	244,174	250,253	261,718
Plus: Transfer payments	223,596	383,912	425,181	371,162	447,574	496,581	204,266	223,800	235,102	247,061	252,862	271,235
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,382,445	2,821,277	3,131,479	3,362,155	3,505,833	3,430,348	829,490	781,223	861,954	995,991	1,058,095	1,080,261
Other labor income	189,274	242,353	276,579	289,248	303,708	299,599	87,709	83,193	92,066	102,431	104,817	105,276
Proprietors' income[6]	261,467	295,050	386,133	462,934	445,638	463,406	73,162	66,103	63,759	86,520	95,265	99,354
Farm	0	0	0	0	0	0	10,811	7,342	−768	16,293	17,265	14,014
Nonfarm	261,467	295,050	386,133	462,934	445,638	463,406	62,351	58,761	64,527	70,227	78,000	85,340
Earnings by industry:												
Farm	0	0	0	0	0	0	13,559	10,473	2,286	19,339	20,348	17,120
Nonfarm	2,833,186	3,358,680	3,794,191	4,114,337	4,255,179	4,193,353	976,802	920,046	1,015,493	1,165,603	1,237,829	1,267,771
Private	2,040,868	2,474,249	2,819,064	3,079,305	3,1°3,917	3,050,575	892,328	832,380	921,951	1,066,316	1,130,673	1,152,865
Agricultural services, forestry, fisheries, and other[7]	7,544	7,645	13,186	9,447	18,175	18,553	3,418	3,491	4,075	4,315	4,109	4,677
Agricultural services	4,040	5,374	6,220	7,676	6,931	6,710	3,411	3,489	4,055	4,305	4,092	4,656
Forestry, fisheries, and other[7]	3,504	2,271	6,966	1,771	11,244	11,843	(L)	(L)	(L)	(L)	(L)	(L)
Mining	142,875	192,875	196,853	221,407	291,911	381,842	2,556	1,977	1,780	1,793	2,647	2,558
Coal mining	98	201	223	189	185	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	136,657	187,418	190,495	213,558	285,447	375,842	1,638	1,164	1,055	1,205	1,930	1,933
Metal mining	(D)	4,991	5,700	7,321	6,094	7,397	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	265	435	339	185	(D)	913	808	720	582	710	618
Construction	375,746	508,121	596,649	647,457	575,869	514,913	25,926	26,082	27,993	33,185	34,966	38,190
Manufacturing	62,486	67,738	73,514	77,462	77,146	66,705	570,485	508,274	573,009	691,201	731,066	716,209
Nondurable goods	33,628	38,103	41,391	43,530	46,400	43,975	33,830	30,579	33,160	34,014	35,535	37,027
Food and kindred products	12,016	12,302	12,062	11,051	11,775	10,129	15,907	13,833	16,371	16,893	17,709	18,327
Textile mill products	(D)	129	229	(D)	(D)	161	0	0	0	0	0	0
Apparel and other textile products	299	525	518	475	551	539	(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	19,394	23,240	26,672	30,116	32,638	31,898	9,073	9,660	10,584	11,221	11,804	12,141
Chemicals and allied products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	(D)	(D)	(D)	(D)	278	0	0	0	0	0	0
Tobacco manufactures	(L)	(L)	(L)	(D)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	867	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	0	0	(D)
Durable goods	28,858	29,635	32,123	33,932	30,746	22,730	536,655	477,695	539,849	657,187	695,531	679,182
Lumber and wood products	6,877	5,719	8,682	7,889	5,525	3,062	1,744	1,465	1,320	1,417	1,374	1,242
Furniture and fixtures	271	287	539	927	999	(D)	1,478	1,785	1,822	1,780	1,877	2,303
Primary metal industries	(D)	129	560	(D)	917	863	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,651	5,381	3,059	3,312	3,572	3,126	12,094	12,155	13,144	14,514	13,187	12,363
Machinery, except electrical	2,450	2,644	2,543	2,512	3,726	3,023	12,316	10,311	10,433	12,223	13,425	11,921
Electric and electronic equipment	(D)	(D)	(D)	616	(D)	354	471,954	414,124	473,679	587,582	621,760	607,246
Transportation equip. exc. motor vehicles	457	521	774	1,127	2,064	764	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	143	(D)	(D)	(D)	(D)	(D)	3,012	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	10,836	12,406	13,272	14,300	11,564	9,197	14,312	(D)	(D)	17,973	20,142	19,774
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	333	298	317	272	275	110
Miscellaneous manufacturing industries	1,904	2,070	2,145	1,823	1,759	1,275	2,215	2,203	2,335	2,440	2,421	2,571
Transportation and public utilities	324,646	342,487	362,679	387,042	388,187	360,156	31,340	32,414	34,360	35,071	35,047	37,798
Railroad transportation	5,061	3,032	132	75	(L)	(L)	5,412	5,788	6,498	6,157	5,073	4,446
Trucking and warehousing	57,095	(D)	(D)	(D)	(D)	(D)	13,514	13,487	14,450	14,708	15,773	17,603
Water transportation	9,823	11,153	14,307	14,378	12,979	10,979	0	0	0	0	0	0
Other transportation[8]	156,058	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	66,967	69,890	76,628	79,174	95,467	86,922	6,875	7,024	6,710	6,266	6,252	6,626
Electric, gas, and sanitary services	29,642	33,529	40,431	45,071	51,704	51,203	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	146,895	185,128	208,991	229,327	236,220	217,979	27,574	25,406	23,820	24,419	26,465	27,166
Retail trade	283,359	350,880	420,294	440,556	441,388	405,983	85,514	84,435	90,430	95,225	100,764	106,852
Finance, insurance, and real estate	141,012	175,535	213,816	245,703	265,399	265,295	24,170	22,900	24,502	26,256	27,691	32,165
Banking and credit agencies	62,642	78,683	97,856	113,766	122,335	123,120	13,295	13,773	14,381	15,659	16,691	17,892
Other finance, insurance, and real estate[9]	78,370	96,852	115,960	131,937	143,064	142,175	10,875	9,127	10,121	10,597	11,000	14,273
Services	556,305	643,840	733,082	820,904	859,622	819,149	121,345	127,401	141,982	154,851	167,918	187,250
Hotels and other lodging places	34,519	39,898	40,001	44,220	45,846	46,093	1,683	1,570	1,780	1,906	2,059	2,344
Personal services	22,133	29,837	37,516	41,923	45,094	43,379	8,324	8,348	9,448	10,408	12,750	13,802
Private households	2,261	2,569	2,897	3,346	3,463	(D)	2,273	2,420	2,499	2,769	2,772	2,838
Business services	110,349	127,176	160,896	175,862	186,390	164,295	7,272	7,263	8,443	9,438	14,528	20,122
Auto repair, services, and garages	24,787	27,783	31,998	36,789	35,920	32,612	6,108	6,007	6,325	7,366	8,027	8,809
Miscellaneous repair services	10,302	12,973	15,316	18,609	16,776	14,486	3,004	2,897	3,301	3,215	3,063	3,168
Amusement and recreation services	5,253	6,664	7,252	9,195	12,672	14,667	2,519	2,504	2,785	3,097	3,520	3,954
Motion pictures	(D)	(D)	(D)	(D)	8,508	8,804	344	324	265	321	356	355
Health services	107,049	133,911	146,933	164,951	171,320	174,247	61,964	69,363	78,241	83,168	84,517	92,309
Legal services	49,756	61,154	64,570	70,318	74,848	74,314	4,926	4,956	5,508	7,061	7,896	9,081
Educational services	7,991	8,431	8,937	9,987	12,099	14,145	(D)	(D)	(D)	(D)	(D)	(D)
Social services	30,308	32,640	35,419	32,284	37,052	36,139	2,996	2,492	2,397	2,640	2,949	3,050
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	90	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	32,079	32,694	34,982	36,895	37,099	35,535	7,652	8,024	8,250	8,496	8,596	8,663
Miscellaneous services	118,179	125,844	143,918	168,913	172,445	156,752	5,590	4,399	5,287	6,792	8,455	9,964
Government and government enterprises	792,318	884,431	975,127	1,035,032	1,101,262	1,142,778	84,474	87,666	93,542	99,287	107,156	114,906
Federal, civilian	242,373	262,896	284,364	308,206	295,825	300,335	7,912	8,017	8,309	8,972	9,400	9,571
Military	175,141	194,430	204,957	209,523	219,049	244,178	2,195	2,594	3,246	3,026	3,441	4,032
State and local	374,804	427,105	485,806	517,303	586,388	598,265	74,367	77,055	81,987	87,289	94,315	101,303

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Anderson, SC (MSA)						Ann Arbor, MI (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,129,452**	**1,174,589**	**1,267,408**	**1,382,988**	**1,451,698**	**1,537,165**	**3,338,169**	**3,473,867**	**3,707,652**	**4,081,261**	**4,463,902**	**4,921,620**
Nonfarm personal income	1,122,297	1,166,772	1,263,519	1,375,554	1,444,493	1,532,553	3,323,402	3,461,057	3,702,322	4,071,387	4,447,482	4,908,650
Farm income[1]	7,155	7,817	3,889	7,434	7,205	4,612	14,767	12,810	5,330	9,874	16,420	12,970
Population (thousands)[2]	136.3	137.0	137.3	138.3	139.4	140.7	263.5	260.8	260.2	260.7	262.0	266.0
Per capita personal income (dollars)	**8,285**	**8,574**	**9,231**	**9,997**	**10,411**	**10,922**	**12,667**	**13,320**	**14,249**	**15,652**	**17,036**	**18,505**
Derivation of total personal income:												
Total earnings by place of work	762,489	763,729	820,236	897,252	929,124	975,087	3,039,238	3,073,062	3,320,777	3,746,288	4,192,406	4,349,706
Less: Personal contributions for social insurance[3]	43,668	45,656	48,416	53,183	57,743	61,035	158,241	166,538	176,640	202,257	236,889	247,266
Plus: Adjustment for residence	111,908	118,255	124,749	142,129	153,278	173,364	−377,284	−340,570	−406,140	−503,633	−587,494	−348,789
Equals: Net earnings by place of residence	830,729	836,328	896,569	986,198	1,024,659	1,087,416	2,503,713	2,565,954	2,737,997	3,040,398	3,368,023	3,753,651
Plus: Dividends, interest, and rent[5]	131,289	150,428	167,135	185,104	196,304	209,367	468,399	501,550	537,051	602,793	638,904	671,607
Plus: Transfer payments	167,434	187,833	203,704	211,686	230,735	240,382	366,057	406,363	432,604	438,070	456,975	496,362
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	624,284	630,642	675,443	734,893	756,175	791,855	2,540,064	2,578,584	2,775,578	3,121,234	3,497,815	3,621,333
Other labor income	63,579	66,940	71,166	75,078	75,785	78,882	338,512	339,925	365,028	408,098	441,864	451,311
Proprietors' income[6]	74,626	66,147	73,627	87,281	97,164	104,350	160,662	154,553	180,171	216,956	252,727	277,062
Farm	5,628	6,223	2,348	5,917	5,677	3,083	11,553	9,327	2,023	6,619	13,131	9,672
Nonfarm	68,998	59,924	71,279	81,364	91,487	101,267	149,109	145,226	178,148	210,337	239,596	267,390
Earnings by industry:												
Farm	7,155	7,817	3,889	7,434	7,205	4,612	14,767	12,810	5,330	9,874	16,420	12,970
Nonfarm	755,334	755,912	816,347	889,818	921,919	970,475	3,024,471	3,060,252	3,315,447	3,736,414	4,175,986	4,336,736
Private	671,854	665,658	718,705	785,283	804,856	845,359	2,285,385	2,248,295	2,467,946	2,835,225	3,166,394	3,259,672
Agricultural services, forestry, fisheries, and other[7]	1,979	1,830	1,725	1,656	1,910	2,520	6,910	5,550	6,814	7,203	8,525	10,216
Agricultural services	(D)	(D)	(D)	920	1,081	(D)	(D)	5,482	6,519	6,833	8,246	9,735
Forestry, fisheries, and other[7]	(D)	(D)	(D)	736	829	(D)	(D)	68	295	370	279	481
Mining	1,572	1,426	1,256	985	1,512	1,546	8,670	9,659	9,459	10,742	14,844	13,645
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,246	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	326	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	37,720	34,911	39,999	46,718	(D)	57,166	80,362	127,998	133,609	138,291	121,244	133,687
Manufacturing	369,932	365,837	388,614	419,871	408,904	420,373	1,236,443	1,123,925	1,226,528	1,488,191	1,647,638	1,621,759
Nondurable goods	283,923	281,642	294,815	310,373	293,238	302,465	110,548	114,500	146,800	168,948	195,128	172,561
Food and kindred products	6,754	7,850	6,375	5,789	5,338	4,712	11,301	12,376	12,866	12,912	13,687	15,517
Textile mill products	157,493	147,463	162,888	169,560	149,963	153,714	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	22,045	24,209	27,079	26,415	22,434	21,003	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	6,655	7,201	7,579	7,885	6,545	5,630
Printing and publishing	6,085	6,715	7,356	8,255	9,067	9,371	38,412	41,519	47,140	50,714	58,625	64,732
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	57,966	59,952	52,139	54,738	58,750	64,403	43,250	40,545	48,278	61,266	77,003	41,758
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	86,009	84,195	93,799	109,498	115,666	117,908	1,125,895	1,009,425	1,079,728	1,319,243	1,452,510	1,449,198
Lumber and wood products	791	749	809	872	904	1,195	1,577	1,182	1,099	1,723	1,245	1,345
Furniture and fixtures	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	331	631	890
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	2,172	2,032	2,561	5,243	6,205	9,330
Fabricated metal products	9,385	9,010	7,393	9,037	8,492	9,091	49,613	43,643	49,132	56,964	55,585	55,198
Machinery, except electrical	16,920	16,738	15,742	17,084	17,237	18,687	59,096	60,703	62,844	74,832	80,294	99,817
Electric and electronic equipment	22,955	24,944	22,984	26,798	32,368	28,538	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	783,713	674,314	703,767	876,194	970,377	922,863
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,882	1,800	1,732	1,612	1,816	1,814
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	34,639	35,772	32,558	29,240	33,000	35,730
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	4,951	5,154	5,953	7,022	7,822	8,238
Transportation and public utilities	34,124	36,843	40,365	42,574	(D)	42,134	92,415	89,015	97,474	112,742	138,021	160,555
Railroad transportation	2,079	2,220	2,499	1,530	1,216	916	3,259	3,128	3,022	3,126	2,916	2,720
Trucking and warehousing	7,252	7,311	8,869	11,022	11,218	12,308	28,944	27,900	33,481	42,669	51,140	62,333
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	0	0
Other transportation[8]	3,314	3,441	3,703	2,890	3,072	3,396	(D)	(D)	(D)	(D)	40,943	49,657
Communication	(D)	12,165	12,860	13,631	13,708	12,009	22,804	20,664	19,409	16,284	20,177	22,334
Electric, gas, and sanitary services	9,782	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17,975	22,845	23,511
Wholesale trade	32,423	29,516	28,087	30,896	34,953	33,651	54,406	61,527	72,538	85,609	87,849	98,394
Retail trade	82,081	82,280	93,420	101,383	108,065	116,688	198,548	197,588	209,395	222,326	246,157	271,668
Finance, insurance, and real estate	19,330	19,960	22,460	23,887	25,350	28,293	67,996	62,676	73,104	75,866	83,045	101,841
Banking and credit agencies	10,096	11,034	12,126	12,430	13,095	14,558	33,254	33,191	37,929	41,630	43,769	49,548
Other finance, insurance, and real estate[9]	9,234	8,926	10,334	11,457	12,255	13,735	34,742	29,485	35,175	34,236	39,276	52,293
Services	92,693	93,055	102,779	117,313	131,907	142,988	539,635	570,357	639,025	694,255	819,071	847,907
Hotels and other lodging places	1,532	(D)	(D)	(D)	(D)	1,652	7,511	8,056	9,676	10,256	10,712	12,899
Personal services	5,090	5,994	6,042	6,583	7,545	8,653	14,878	15,307	16,414	17,090	21,844	24,018
Private households	2,347	2,530	2,644	2,956	2,992	3,100	5,064	5,343	5,494	6,084	6,099	6,278
Business services	9,898	9,700	11,950	13,870	16,625	17,100	130,073	170,825	198,473	218,577	264,094	298,566
Auto repair, services, and garages	6,396	5,735	6,717	8,851	9,509	10,266	10,881	10,138	11,505	12,219	13,905	16,151
Miscellaneous repair services	3,751	3,762	3,784	4,161	3,972	4,320	4,881	4,574	5,302	6,069	5,729	5,882
Amusement and recreation services	1,582	1,571	1,606	1,721	1,968	2,249	4,820	5,278	5,246	6,203	6,880	7,115
Motion pictures	237	245	340	485	555	568	(D)	(D)	(D)	3,036	2,994	991
Health services	29,638	32,076	33,705	36,994	41,945	44,912	166,213	189,006	205,705	217,269	280,342	244,278
Legal services	4,024	4,652	5,084	6,872	7,312	8,105	14,912	17,865	24,135	25,147	24,797	27,653
Educational services	2,199	(D)	(D)	(D)	(D)	(D)	7,064	7,527	8,776	10,060	10,772	11,495
Social services	1,869	2,027	2,153	2,271	2,495	2,925	13,560	15,898	17,708	19,475	23,147	24,808
Museums, botanical, zoological gardens	0	0	0	0	0	(D)	(D)	(D)	(D)	145	173	258
Membership organizations	5,345	5,743	5,909	5,986	6,039	5,917	16,836	17,873	18,861	19,655	20,721	23,642
Miscellaneous services	18,785	15,164	18,449	22,014	26,102	29,570	142,254	101,149	109,359	122,970	126,862	143,873
Government and government enterprises	83,480	90,254	97,642	104,535	117,063	125,116	739,086	811,957	847,501	901,189	1,009,592	1,077,064
Federal, civilian	6,945	7,167	7,394	7,498	8,198	8,223	55,863	59,094	57,081	62,865	70,461	68,050
Military	3,975	4,832	5,687	6,433	6,894	6,478	3,553	4,306	4,634	4,907	5,366	6,065
State and local	72,560	78,255	84,561	90,604	101,971	110,415	679,670	748,557	785,786	833,417	933,765	1,002,949

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Anniston, AL (MSA)						Appleton—Oshkosh—Neenah, WI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**954,283**	**1,015,815**	**1,090,015**	**1,166,571**	**1,232,660**	**1,297,083**	**3,042,612**	**3,198,084**	**3,416,307**	**3,728,734**	**3,963,466**	**4,238,952**
Nonfarm personal income	948,652	1,008,576	1,083,006	1,157,845	1,223,799	1,286,480	2,965,633	3,132,794	3,375,289	3,660,101	3,892,858	4,142,034
Farm income[1]	5,631	7,239	7,009	8,726	8,861	10,603	76,979	65,290	41,018	68,633	70,608	96,918
Population (thousands)[2]	123.4	122.4	125.7	125.0	123.5	123.8	293.6	296.2	298.7	302.0	304.5	307.5
Per capita personal income (dollars)	**7,732**	**8,302**	**8,675**	**9,335**	**9,978**	**10,476**	**10,363**	**10,796**	**11,439**	**12,347**	**13,018**	**13,786**
Derivation of total personal income:												
Total earnings by place of work	745,505	780,296	843,031	911,433	958,569	999,008	2,421,673	2,497,537	2,643,487	2,932,266	3,130,274	3,366,278
Less: Personal contributions for social insurance[3]	42,698	45,555	49,116	53,934	58,028	57,996	146,740	158,972	164,559	181,757	203,510	219,843
Plus: Adjustment for residence	−31,589	−34,879	−42,551	−47,577	−51,420	−46,827	−116,465	−125,038	−131,642	−148,911	−156,174	−155,300
Equals: Net earnings by place of residence	671,218	699,862	751,364	809,922	849,121	894,185	2,158,468	2,213,527	2,347,286	2,601,598	2,770,590	2,991,135
Plus: Dividends, interest, and rent[5]	97,488	109,517	116,382	128,111	138,191	146,900	498,986	539,799	591,138	647,936	685,722	719,830
Plus: Transfer payments	185,577	206,436	222,269	228,538	245,348	255,998	385,158	444,758	477,883	479,200	507,154	527,987
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	645,703	680,355	730,647	785,215	823,334	856,269	1,984,264	2,059,043	2,189,047	2,412,088	2,575,804	2,742,897
Other labor income	48,627	51,760	56,328	60,174	63,595	64,979	220,341	237,243	254,043	267,966	282,780	301,144
Proprietors' income[6]	51,175	48,181	56,056	66,044	71,640	77,760	217,068	201,251	200,397	252,212	271,690	322,237
Farm	4,792	6,435	6,232	7,961	8,082	9,825	62,659	48,460	24,726	52,586	54,328	80,621
Nonfarm	46,383	41,746	49,824	58,083	63,558	67,935	154,409	152,791	175,671	199,626	217,362	241,616
Earnings by industry:												
Farm	5,631	7,239	7,009	8,726	8,861	10,603	76,979	65,290	41,018	68,633	70,608	96,918
Nonfarm	739,874	773,057	836,022	902,707	949,708	988,405	2,344,694	2,432,247	2,602,469	2,863,633	3,059,666	3,269,360
Private	421,828	415,524	452,182	499,772	534,611	570,558	2,101,317	2,171,678	2,318,086	2,554,869	2,735,802	2,925,911
Agricultural services, forestry, fisheries, and other[7]	2,774	2,587	3,264	3,135	3,274	(D)	8,319	8,717	10,247	10,197	9,418	10,505
Agricultural services	(D)	2,167	2,639	2,504	2,817	(D)	8,111	8,712	9,735	9,828	8,962	9,960
Forestry, fisheries, and other[7]	(D)	420	625	631	457	502	208	(L)	512	369	456	545
Mining	1,895	1,562	2,007	2,371	2,632	(D)	13,565	9,780	11,557	11,218	13,443	13,923
Coal mining	360	216	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	917	721	686	760	1,216	1,262	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	618	625	1,281	1,587	1,391	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	20,971	19,908	25,523	29,562	32,888	33,371	154,737	151,506	151,757	181,379	191,917	211,516
Manufacturing	169,816	158,380	173,189	191,027	197,413	203,024	1,066,018	1,093,232	1,155,815	1,279,793	1,354,670	1,432,870
Nondurable goods	70,832	73,064	80,049	84,465	82,382	85,549	625,222	674,350	715,716	786,451	824,977	877,899
Food and kindred products	6,399	6,587	6,541	7,790	7,323	7,595	78,198	82,189	83,684	91,398	92,561	94,575
Textile mill products	30,054	32,003	35,481	34,058	30,316	31,988	15,950*	17,562*	19,587*	21,410*	21,572*	22,869*
Apparel and other textile products	17,496	17,572	20,959	24,101	25,173	27,653	5,908*	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	437,398	466,983	500,261	546,532	574,372	605,622
Printing and publishing	3,537	4,006	4,241	(D)	4,757	5,041	59,292*	63,609*	67,862*	78,601	79,017	84,457
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	4,334	7,730	7,878	8,419*	7,850*	15,031*
Petroleum and coal products	488	492	0	0	143	145	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)	0	(D)	(D)	(D)	(D)	31,361	37,122*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	98,984	85,316	93,140	106,562	115,031	117,475	440,796	418,882	440,099	493,342	529,693	554,971
Lumber and wood products	3,745	3,099	3,959	4,603	4,925	5,518	25,758*	19,716*	24,365*	26,456*	39,550*	41,293*
Furniture and fixtures	2,018	(D)	(D)	(D)	5,671	6,186	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	24,274	20,808	21,076	25,935	27,139	27,666	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	56,140	48,099	53,545	60,876	61,494	58,545	37,280	37,809	38,809	(D)	(D)	(D)
Machinery, except electrical	4,577	3,786	3,912	4,194	7,033	7,235	151,531	156,207	166,393	182,692	193,908	195,855
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	61,860*	(D)
Transportation equip. exc. motor vehicles	0	0	0	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	199	(D)	(D)	(D)	(D)	(D)	61,114	61,487	67,851	(D)	(D)	(D)
Stone, clay, and glass products	(D)	997	1,243	1,378	1,582	2,149	7,326*	8,570	7,453	7,096*	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	2,085*	2,192	2,312	2,704	2,855	3,108
Miscellaneous manufacturing industries	(D)	787	1,198	2,016	2,484	2,486	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	34,689	34,946	36,062	39,124	41,297	44,152	101,751	112,852	122,609	131,434	142,454	151,468
Railroad transportation	1,627	1,337	1,115	1,180	1,169	1,796	5,040	(D)	(D)	(D)	4,983*	(D)
Trucking and warehousing	11,652	10,750	11,523	14,240	14,923	15,073	41,163	45,250	50,328	58,847	59,304	61,771
Water transportation	0	0	0	0	0	0	(D)	143*	111*	(D)	(D)	(D)
Other transportation[8]	1,094	1,280	1,127	1,340	1,465	1,854	15,919	18,675	19,707	(D)	(D)	(D)
Communication	11,398	11,692	11,007	9,851	10,135	10,661	(D)	(D)	(D)	(D)	28,265	28,142
Electric, gas, and sanitary services	8,918	9,887	11,290	12,513	13,605	14,768	(D)	(D)	(D)	(D)	20,312*	(D)
Wholesale trade	36,128	36,686	36,539	40,419	41,549	41,158	128,251	127,436	135,696	147,708	152,773	156,222
Retail trade	65,206	67,562	73,743	80,352	88,493	99,926	198,255	204,078	219,858	232,130	251,458	271,030
Finance, insurance, and real estate	18,347	17,892	18,902	20,785	22,696	24,633	94,863	97,089	112,291	125,061	142,252	163,403
Banking and credit agencies	9,784	10,103	10,284	11,612	12,696	13,466	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	8,563	7,789	8,618	9,173	10,000	11,167	(D)	(D)	(D)	(D)	(D)	(D)
Services	72,002	76,001	82,953	92,997	104,369	120,863	335,558	366,988	398,256	435,949	477,417	514,974
Hotels and other lodging places	1,729	(D)	(D)	(D)	(D)	(D)	5,006	6,181	7,109	7,448*	7,740*	10,348*
Personal services	4,922	5,104	5,361	6,043	6,889	7,763	19,257	20,221	21,171	23,569	27,665	29,021
Private households	4,781	5,123	5,331	5,941	5,985	6,174	3,339	3,562	3,700	4,095	4,108	4,208
Business services	3,858	4,590	5,568	6,553	8,879	15,396	39,871	48,944	59,698	72,658	87,429	100,798
Auto repair, services, and garages	6,408	5,489	6,336	7,862	7,713	8,232	15,650	15,642	17,086	20,447	22,252	21,930
Miscellaneous repair services	1,334	1,404	1,656	1,959	2,011	2,379	4,910	5,366	6,528	7,911	7,302	8,327
Amusement and recreation services	1,079	1,286	1,364	1,458	1,783	2,814	6,988	6,839	7,520	8,073	8,650	8,457
Motion pictures	317	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	24,635	27,710	29,564	31,635	34,462	38,356	156,184	174,066	182,708	186,236	195,518	209,109
Legal services	3,650	3,878	4,659	5,676	6,057	7,580	14,918	16,659	17,085	20,329	21,427	23,131
Educational services	2,289	2,409	2,505	3,108	3,385	3,621	(D)	13,354	14,396	15,657	16,496	17,396
Social services	2,082	1,881	2,073	1,997	2,182	2,489	8,689*	9,306*	10,761*	13,671*	16,287*	18,195*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,311	5,639	5,638	5,972	6,053	5,927	16,338	17,271	18,583	20,274	20,424	20,527
Miscellaneous services	9,607	8,825	10,177	11,960	14,937	16,440	31,197	28,633	30,838	34,301	40,770	42,120
Government and government enterprises	318,046	357,533	383,840	402,935	415,097	417,847	243,377	260,569	284,383	308,764	323,864	343,449
Federal, civilian	148,956	165,580	173,243	183,958	198,578	196,157	20,461	21,349	22,851	24,845	26,299	26,388
Military	91,871	109,697	123,776	127,994	116,301	115,911	5,611	6,211	7,840	9,529	10,786	11,662
State and local	77,219	82,256	86,821	90,983	100,218	105,779	217,305	233,009	253,692	274,390	286,779	305,399

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Asheville, NC (MSA)						Athens, GA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,484,065**	**1,565,459**	**1,700,906**	**1,869,978**	**2,006,493**	**2,139,336**	**1,078,086**	**1,174,494**	**1,286,254**	**1,443,560**	**1,564,545**	**1,730,640**
Nonfarm personal income	1,469,637	1,546,357	1,684,701	1,852,378	1,988,226	2,122,116	1,057,098	1,139,178	1,252,131	1,376,694	1,508,389	1,643,395
Farm income[1]	14,428	19,102	16,205	17,600	18,267	17,220	20,988	35,316	34,123	66,866	56,156	87,245
Population (thousands)[2]	162.2	163.8	164.6	166.3	168.4	170.0	131.6	133.6	135.2	137.2	139.4	141.5
Per capita personal income (dollars)	**9,149**	**9,557**	**10,335**	**11,244**	**11,912**	**12,587**	**8,190**	**8,791**	**9,515**	**10,522**	**11,223**	**12,234**
Derivation of total personal income:												
Total earnings by place of work	1,102,529	1,140,444	1,247,455	1,380,963	1,486,084	1,577,361	835,861	870,713	970,331	1,080,157	1,161,536	1,302,858
Less: Personal contributions for social insurance[3]	65,659	70,014	75,632	83,893	94,066	100,418	43,963	45,971	49,325	54,315	60,861	66,887
Plus: Adjustment for residence	−37,840	−33,160	−43,452	−46,479	−55,047	−50,377	−28,849	−5,860	−23,169	−740	8,374	6,343
Equals: Net earnings by place of residence	999,030	1,037,270	1,128,371	1,250,591	1,336,971	1,426,566	763,049	818,882	897,837	1,025,102	1,109,049	1,242,314
Plus: Dividends, interest, and rent[5]	232,675	251,250	275,900	311,931	341,225	367,506	154,177	175,758	191,516	213,196	229,932	248,027
Plus: Transfer payments	252,360	276,939	296,635	307,456	328,297	345,264	160,860	179,854	196,901	205,262	225,564	240,299
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	927,772	956,488	1,037,514	1,146,639	1,231,500	1,301,594	694,449	718,409	799,370	858,398	934,140	1,024,281
Other labor income	87,332	94,673	104,369	108,631	114,302	119,164	56,716	61,686	67,957	71,992	77,524	84,239
Proprietors' income[6]	87,425	89,283	105,572	125,693	140,282	156,603	84,696	90,618	103,004	149,767	149,872	194,338
Farm	12,383	16,697	13,887	15,324	15,965	14,907	17,063	30,881	29,845	62,656	51,900	82,985
Nonfarm	75,042	72,586	91,685	110,369	124,317	141,696	67,633	59,737	73,159	87,111	97,972	111,353
Earnings by industry:												
Farm	14,428	19,102	16,205	17,600	18,267	17,220	20,988	35,316	34,123	66,866	56,156	87,245
Nonfarm	1,088,101	1,121,342	1,231,250	1,363,363	1,467,817	1,560,141	814,873	835,397	936,208	1,013,291	1,105,380	1,215,613
Private	927,218	950,240	1,053,088	1,167,279	1,255,469	1,333,612	555,708	560,975	625,181	697,478	762,016	839,308
Agricultural services, forestry, fisheries, and other[7]	2,390	2,282	2,913	3,417	3,565	4,164	(D)	2,103	2,731	2,837	2,759	3,349*
Agricultural services	(D)	2,291	2,798	3,322	3,497	4,082	(D)	1,996	2,286	2,453	2,546	3,167*
Forestry, fisheries, and other[7]	(D)	(L)	115	95	68	82	(D)	107	445	384	213	226
Mining	6,059	5,253	4,106	4,741	6,989	7,491	(D)	(D)	(D)	3,071	4,166	(D)
Coal mining	(D)	84	98	148	167	176	(L)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	3,815	3,232	2,560	2,970	(D)	(D)	(D)	1,434	1,173	(D)	(D)	(D)
Metal mining	0	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	1,942	1,449	1,629	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	65,457	62,269	65,612	80,687	94,287	104,202	38,923	33,612	41,902	52,443	65,359	75,305
Manufacturing	342,032	334,337	379,595	413,679	429,348	443,779	212,102	210,937	225,690	247,507	251,550	273,674
Nondurable goods	162,309	162,780	179,217	183,905	180,885	183,683	117,569	121,273	129,621	139,342	136,498	148,964
Food and kindred products	17,203	17,242	18,859	20,718	21,405	21,463	(D)	36,153*	37,544*	39,713*	42,004*	49,405*
Textile mill products	37,965	33,780	39,269	40,062	38,762	48,874	31,320*	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	40,554	39,810	45,044	45,282	46,852	35,447	31,801	30,963	33,132	36,690	31,867	31,418
Paper and allied products	1,337	1,270	1,396	1,690	1,690	1,911	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	9,604	10,594	12,802	14,121	16,426	16,846	(D)	4,842*	(D)	6,458*	6,687*	7,743*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	(D)	123	110	104	0	0	0	129	274	314
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	6,511	6,683	7,301	7,906	10,107	11,168	(D)	(D)	(D)	5,073	5,516	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	179,723	171,557	200,378	229,774	248,463	260,096	94,533	89,664	96,069	108,165	115,052	124,710
Lumber and wood products	10,974	9,675	10,424	(D)	11,420	10,883	(D)	2,981	4,257	5,246	5,964	8,080
Furniture and fixtures	10,294	9,266	10,534	10,063	8,385	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	22,097	15,018	15,321	16,001	17,644	18,557	3,215*	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	22,437	23,227	28,355	41,389	54,520	55,909	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	72,216	72,032	78,154	93,396	97,846	105,476	44,362*	42,257*	41,527*	47,196	50,307*	55,605*
Transportation equip. exc. motor vehicles	7,287	9,478	10,518	10,562	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,944	(D)	(D)	(D)	(D)	(D)	102	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	12,293	12,666	14,145	14,800	16,999	19,306	(D)	(D)	(D)	15,445*	16,190*	16,800*
Instruments and related products	15,460	15,486	17,325	17,902	15,011	14,058	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	779	1,090	1,248	1,131	1,424	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	80,710	83,237	86,978	92,192	97,088	103,777	37,176	39,547	44,777	47,925	52,109	54,427
Railroad transportation	14,939	(D)	(D)	(D)	(D)	(D)	1,084	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	23,959	22,329	23,589	28,668	30,351	37,296	9,017*	8,899*	10,989*	12,995*	15,158*	16,069*
Water transportation	0	0	0	0	0	0	0	0	0	0	0	0
Other transportation[8]	5,354	6,306	6,196	6,941	7,606	7,547	735*	(D)	(D)	(D)	(D)	(D)
Communication	24,785	27,670	29,068	27,717	30,270	29,349	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	11,673	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	53,589	59,198	59,760	66,366	71,125	67,985	(D)	36,862*	40,874*	47,996	54,835	59,053
Retail trade	127,259	132,348	148,139	164,560	171,442	184,983	82,529	84,651	94,327	105,178	114,237	121,026
Finance, insurance, and real estate	34,531	32,475	39,691	43,886	47,792	55,850	26,854	26,542	32,001	33,741	37,558	45,754
Banking and credit agencies	15,720	16,779	17,796	18,692	20,503	22,252	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	18,811	15,696	21,895	25,194	27,289	33,598	(D)	13,677*	16,889*	(D)	19,592*	23,916*
Services	215,191	238,841	266,294	297,751	333,833	361,381	117,641	123,212	139,419	156,780	179,443	201,633
Hotels and other lodging places	12,410	12,331	13,717	16,879	17,480	19,981	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	13,023	14,298	15,983	17,160	19,421	20,035	6,670	6,346	7,301	8,045	9,562	10,440
Private households	10,045	10,872	11,376	12,817	13,009	13,481	6,557	7,077	7,440	8,385	8,570	8,963
Business services	17,885	20,945	27,089	32,250	41,261	43,899	10,437	11,074	12,809	16,524	19,376	19,629
Auto repair, services, and garages	9,257	8,747	10,551	13,375	14,514	17,018	7,424	7,768	9,766	12,091	13,894	15,673
Miscellaneous repair services	2,942	3,252	4,873	6,312	5,750	5,600	2,061	2,195	2,594	(D)	(D)	(D)
Amusement and recreation services	(D)	6,798	7,446	8,551	10,002	10,386	1,407*	1,478*	1,435*	1,651*	1,892*	2,442*
Motion pictures	524	(D)	(D)	(D)	(D)	(D)	(D)	228	237	(D)	(D)	(D)
Health services	101,538	117,965	127,606	136,506	152,756	164,383	43,836	47,390	52,755	57,040	66,844	78,165
Legal services	9,164	10,139	10,856	12,885	14,172	16,569	4,600	5,087	6,219	8,143	10,670	12,619
Educational services	6,390	7,089	7,760	8,297	8,788	10,036	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,440	4,455	4,920	5,578	6,458	7,772	4,347*	4,494*	4,908*	5,350*	5,628*	6,111*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	0
Membership organizations	9,369	9,851	10,163	10,232	10,283	10,279	(D)	8,538	9,017	(D)	(D)	(D)
Miscellaneous services	12,119	11,438	13,254	15,810	18,707	20,911	15,387	13,925	16,488	18,864	22,438	25,914
Government and government enterprises	160,883	171,102	178,162	196,084	212,348	226,529	259,165	274,422	311,027	315,813	343,364	376,305
Federal, civilian	53,408	55,751	59,570	63,747	66,408	67,205	49,474	51,689	54,998	57,806	59,748	62,060
Military	2,399	3,393	2,980	2,940	3,269	3,575	18,111	15,940	17,555	17,854	19,043	20,878
State and local	105,076	111,958	115,612	129,397	142,671	155,749	191,580	206,793	238,474	240,153	264,573	293,367

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Atlanta, GA (MSA)						Atlantic City, NJ (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**24,761,519**	**26,752,167**	**29,840,494**	**34,081,819**	**38,221,337**	**42,012,088**	**3,644,652**	**3,901,021**	**4,327,164**	**4,755,007**	**5,152,667**	**5,520,211**
Nonfarm personal income	24,704,467	26,670,603	29,756,505	33,954,543	38,104,307	41,856,863	3,633,939	3,887,165	4,311,547	4,743,135	5,134,555	5,503,243
Farm income[1]	57,052	81,564	83,989	127,276	117,030	155,225	10,713	13,856	15,617	11,872	18,112	16,968
Population (thousands)[2]	2,203.9	2,248.6	2,307.6	2,379.4	2,469.4	2,560.5	280.3	281.3	284.3	288.9	293.7	297.4
Per capita personal income (dollars)	**11,236**	**11,897**	**12,931**	**14,324**	**15,478**	**16,408**	**13,002**	**13,869**	**15,223**	**16,458**	**17,546**	**18,563**
Derivation of total personal income:												
Total earnings by place of work	20,470,851	22,078,121	24,652,662	28,485,241	32,192,115	35,631,094	2,421,256	2,586,969	2,924,317	3,248,749	3,551,101	3,876,282
Less: Personal contributions for social insurance[3]	1,124,442	1,230,526	1,341,955	1,562,463	1,843,063	2,054,592	147,463	159,950	179,680	201,791	229,905	252,548
Plus: Adjustment for residence	−437,495	−515,591	−582,249	−727,261	−854,265	−894,851	162,962	147,505	176,694	182,758	198,140	176,751
Equals: Net earnings by place of residence	18,908,914	20,332,004	22,728,458	26,195,517	29,494,787	32,681,651	2,436,755	2,574,524	2,921,331	3,229,716	3,519,336	3,800,485
Plus: Dividends, interest, and rent[5]	3,281,303	3,591,364	4,033,523	4,664,771	5,202,430	5,608,740	610,556	680,442	717,249	819,189	882,446	943,264
Plus: Transfer payments	2,571,302	2,828,799	3,078,513	3,221,531	3,524,120	3,721,697	597,341	646,055	688,584	706,102	750,885	776,462
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	17,313,576	18,727,321	20,832,388	24,058,158	27,214,567	30,050,417	2,039,172	2,207,166	2,465,340	2,752,173	2,995,532	3,256,653
Other labor income	1,653,553	1,909,778	2,106,771	2,334,698	2,592,609	2,841,569	172,848	192,376	212,184	226,262	238,785	257,773
Proprietors' income[6]	1,503,722	1,441,022	1,713,503	2,092,385	2,384,939	2,739,108	209,236	187,427	246,793	270,314	316,784	361,856
Farm	47,233	71,206	73,980	117,394	107,048	145,262	4,208	6,764	8,847	5,308	11,524	10,344
Nonfarm	1,456,489	1,369,816	1,639,523	1,974,991	2,277,891	2,593,846	205,028	180,663	237,946	265,006	305,260	351,512
Earnings by industry:												
Farm	57,052	81,564	83,989	127,276	117,030	155,225	10,713	13,856	15,617	11,872	18,112	16,968
Nonfarm	20,413,799	21,996,557	24,568,673	28,357,965	32,075,085	35,475,869	2,410,543	2,573,113	2,908,700	3,236,877	3,532,989	3,859,314
Private	17,514,369	18,930,451	21,249,585	24,745,709	28,102,146	31,175,689	1,997,626	2,116,677	2,415,551	2,706,767	2,978,485	3,254,075
Agricultural services, forestry, fisheries, and other[7]	47,662*	53,555	69,762	84,181*	100,601	117,355	15,052	16,221	19,881	17,884	(D)	(D)
Agricultural services	46,744*	53,625	66,665	81,286*	98,953	114,648	7,648	8,749	10,042	10,390	(D)	(D)
Forestry, fisheries, and other[7]	1,097	−70	3,097	2,400*	1,648	2,707	7,404	7,472	9,839	7,494	(D)	(D)
Mining	62,909*	56,533	54,847	61,401*	88,165	92,381	9,459	8,092	6,459	7,907	11,173	10,923
Coal mining	(D)	719	619	228	(D)	(D)	(D)	(D)	(D)	66	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,594	9,563	(D)
Metal mining	(L)	−90	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	849*	1,081*	(D)
Construction	1,152,456	1,206,748*	1,435,900*	1,874,515	2,186,903	2,482,753	202,800	178,765	214,053	277,979	(D)	(D)
Manufacturing	3,346,571	3,494,369	3,769,505	4,379,198	4,833,664	5,315,510	155,633	157,272	172,523	179,795	183,897	199,650
Nondurable goods	1,477,547	1,573,301	1,701,506	1,882,947	2,004,581	2,234,678	90,013	92,449	98,877	97,644	98,951	105,730
Food and kindred products	389,046*	431,277*	455,402*	474,446*	505,122*	579,034*	(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)	145,307*	159,244*	(D)	167,051*	169,842*	8,809*	7,988*	9,948*	10,036*	10,099*	9,805*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	303,176*	340,319*	376,437*	460,456*	512,598*	585,743*	13,876	15,480	16,379	17,982	19,765	20,628
Chemicals and allied products	155,555*	168,130*	186,980*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	12,708	14,152*	12,766*	14,033*	11,829*	13,665*	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)	132,246*	158,826*	22,330*	20,135*	21,337*	23,773*	23,129*	23,398*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,869,024	1,921,068	2,067,999	2,496,251	2,829,083	3,080,832	65,620	64,823	73,646	82,151	84,946	93,920
Lumber and wood products	52,867	(D)	(D)	(D)	(D)	(D)	1,599*	1,639*	1,632*	1,771*	2,551*	2,443*
Furniture and fixtures	(D)	(D)	(D)	79,467*	(D)	(D)	1,268*	968*	906*	1,215*	2,183*	2,228*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,062	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	2,482*	2,386	2,961	2,556*	2,988*	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	254,932*	(D)	(D)	(D)	4,644*	5,459*	6,235*	8,245
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,953	2,143	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	7,343*	8,104*	10,667*	15,649*	17,666*	18,350*
Motor vehicles and equipment	370,161*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Stone, clay, and glass products	(D)	145,007*	(D)	(D)	(D)	(D)	37,166*	(D)	(D)	(D)	45,470*	51,263*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	876	863	1,615	191	254*	(D)
Miscellaneous manufacturing industries	31,437*	36,930*	41,409*	41,353*	47,129*	55,088*	3,398	3,008	3,277	3,026	2,537	2,663
Transportation and public utilities	2,631,355	2,930,318	3,211,098	3,459,163	3,778,602	4,041,896	135,827	(D)	(D)	178,862	(D)	(D)
Railroad transportation	147,155	134,247*	142,172*	169,295*	174,753	161,686	(D)	975	923	1,237	1,527	2,030
Trucking and warehousing	536,253*	563,125	602,792	704,808*	739,787*	794,714*	15,416	(D)	(D)	20,481	(D)	(D)
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	1,479	1,699	2,399	3,751	4,731	6,062
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	31,375	(D)	(D)
Communication	(D)	(D)	(D)	(D)	982,394*	1,070,639*	(D)	48,775	51,394	46,083	45,894	46,477
Electric, gas, and sanitary services	(D)	(D)	(D)	333,331*	361,332*	394,230*	55,711	61,571	66,498	75,935	84,375	91,626
Wholesale trade	2,687,252	2,913,773*	3,213,722*	3,768,839*	4,326,489	4,594,496	76,859	(D)	(D)	92,942	93,735	104,673
Retail trade	2,146,134	2,285,810	2,604,121	3,021,896	3,427,820	3,711,433	302,940	308,759	357,602	389,476	424,573	458,796
Finance, insurance, and real estate	1,494,248	1,637,641	1,916,137	2,182,784	2,564,986	3,054,347	98,912	98,686	115,097	124,624	138,417	153,518
Banking and credit agencies	407,619*	476,813*	552,420*	638,585*	766,225*	902,517*	(D)	(D)	(D)	(D)	48,707	51,615
Other finance, insurance, and real estate[9]	1,065,066*	1,139,375*	1,337,035*	1,519,355*	1,778,769*	2,124,670*	(D)	(D)	(D)	(D)	89,710	101,903
Services	3,942,355	4,337,568	4,956,560	5,892,078	6,794,916	7,765,518	1,000,144	1,114,058	1,276,372	1,437,298	1,458,996*	1,566,327*
Hotels and other lodging places	180,362*	(D)	(D)	(D)	(D)	(D)	634,007	747,522	857,418	950,605	1,062,663	1,116,479
Personal services	172,309	178,181*	199,726*	225,573*	267,729*	300,514*	24,657	(D)	(D)	(D)	(D)	(D)
Private households	(D)	113,649	119,584	134,979	137,962	144,394	7,649	8,204	8,544	9,522	9,583	9,892
Business services	868,984	979,804	1,173,607	1,460,389	1,710,657	2,004,323	44,276	48,650	58,597	72,441	(D)	(D)
Auto repair, services, and garages	176,245	182,076	204,100	247,199	281,051	316,857	16,424	17,009	19,676	23,323	24,113	26,525
Miscellaneous repair services	75,681	78,291	86,910	106,783	100,266	117,477*	5,666	(D)	(D)	(D)	(D)	(D)
Amusement and recreation services	77,759*	82,215*	95,175*	112,078*	128,472*	146,861*	49,673	27,457	32,571	45,730	54,554	60,174
Motion pictures	20,622*	23,543*	26,740*	33,850*	43,540*	49,154*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	884,397	1,029,168	1,164,340	1,305,439	1,486,495	1,690,757	133,172	144,900	163,227	177,654	197,276	227,668
Legal services	306,288	373,214	441,771	552,315	632,966	744,165	26,629	30,236	35,765	42,871	50,718	54,489
Educational services	161,565*	(D)	(D)	(D)	(D)	(D)	5,687	5,803	6,029	6,694	6,826	6,885
Social services	79,804*	80,969*	86,901*	96,001	108,953	128,457	10,811	12,415	13,559	15,160	16,194	17,610
Museums, botanical, zoological gardens	(D)	280	355	381	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	156,402*	182,393*	193,920*	208,027	228,134	238,156	17,197	17,986	18,877	21,022	22,500	24,786
Miscellaneous services	653,399	662,805	743,836	913,125	1,123,139	1,261,376	23,084	21,673	24,845	30,799	35,559	40,725
Government and government enterprises	2,899,430	3,066,106	3,319,088	3,612,256	3,972,939	4,300,180	412,917	456,436	493,149	530,110	554,504	605,239
Federal, civilian	829,866	854,790	927,985	1,017,811	1,104,125	1,123,647	84,748	83,551	90,951	91,699	95,106	93,089
Military	116,646	158,334	183,531	215,204	237,944	263,425	26,205	35,125	44,165	42,318	39,043	44,911
State and local	1,952,918	2,052,982	2,207,572	2,379,241	2,630,870	2,913,108	301,964	337,760	358,033	396,093	420,355	467,239

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Augusta, GA—SC (MSA)						Aurora—Elgin, IL (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,038,678**	**3,362,583**	**3,661,489**	**4,068,417**	**4,480,818**	**4,835,678**	**3,853,190**	**3,898,788**	**4,226,515**	**4,682,773**	**5,035,356**	**5,245,254**
Nonfarm personal income	3,029,328	3,350,418	3,652,684	4,050,818	4,462,396	4,816,618	3,809,800	3,877,944	4,234,820	4,656,022	5,008,208	5,217,210
Farm income[1]	9,350	12,165	8,805	17,599	18,422	19,060	43,390	20,844	−8,305	26,751	27,148	28,044
Population (thousands)[2]	350.4	355.4	362.1	370.2	380.1	390.0	319.2	319.0	321.9	330.4	336.0	343.0
Per capita personal income (dollars)	**8,671**	**9,460**	**10,113**	**10,991**	**11,790**	**12,399**	**12,073**	**12,222**	**13,131**	**14,171**	**14,987**	**15,294**
Derivation of total personal income:												
Total earnings by place of work	2,334,054	2,504,219	2,724,838	3,037,910	3,371,532	3,621,854	2,453,028	2,562,256	2,599,934	2,926,595	3,043,280	3,179,466
Less: Personal contributions for social insurance[3]	127,256	138,937	147,603	166,337	192,340	208,122	143,970	157,463	158,614	177,168	192,453	202,331
Plus: Adjustment for residence	−44,323	36,928	32,229	71,125	70,683	109,706	536,983	422,055	645,923	722,309	928,812	948,707
Equals: Net earnings by place of residence	2,162,475	2,402,210	2,609,464	2,942,698	3,249,875	3,523,438	2,846,041	2,826,848	3,087,243	3,471,736	3,779,639	3,925,842
Plus: Dividends, interest, and rent[5]	350,086	384,733	428,460	479,283	524,015	563,833	608,950	623,000	665,487	740,282	755,171	797,400
Plus: Transfer payments	526,117	575,640	623,565	646,436	706,928	748,407	398,199	448,940	473,785	470,755	500,546	522,012
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,008,513	2,166,169	2,345,773	2,609,077	2,889,042	3,096,835	1,994,694	2,121,621	2,149,155	2,388,086	2,467,933	2,565,807
Other labor income	178,806	202,803	222,542	238,457	264,307	279,278	212,068	223,217	226,742	242,669	252,559	261,662
Proprietors' income[6]	146,735	135,247	156,523	190,376	218,183	245,741	246,266	217,418	224,037	295,840	322,788	351,997
Farm	6,631	9,267	6,010	14,853	15,652	16,286	35,798	12,618	−16,206	19,010	19,236	20,062
Nonfarm	140,104	125,980	150,513	175,523	202,531	229,455	210,468	204,800	240,243	276,830	303,552	331,935
Earnings by industry:												
Farm	9,350	12,165	8,805	17,599	18,422	19,060	43,390	20,844	−8,305	26,751	27,148	28,044
Nonfarm	2,324,704	2,492,054	2,716,033	3,020,311	3,353,110	3,602,794	2,409,638	2,541,412	2,608,239	2,899,844	3,016,132	3,151,422
Private	1,664,155	1,766,783	1,943,898	2,205,081	2,521,655	2,732,953	2,180,333	2,291,370	2,343,636	2,626,214	2,727,084	2,840,653
Agricultural services, forestry, fisheries, and other[7]	11,828*	9,063*	(D)	(D)	17,950*	18,377*	10,810	13,102	14,756	14,201	15,517	16,056*
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining	12,787*	(D)	(D)	14,814*	(D)	(D)	9,862	8,441	7,536	8,427	11,152	11,095*
Coal mining	0	0	0	0	0	0	174	171	169	234	247	297
Oil and gas extraction	4,467	(D)	(D)	(D)	(D)	(D)	7,901	6,673	5,524	5,759	8,090	8,124
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,787	1,597	1,843	2,434	2,815	(D)
Construction	120,405	157,355	184,654	214,563	240,948	257,228	107,637	110,879	130,378	159,439	183,364	229,166
Manufacturing	760,969	776,551	852,436	918,590	995,687	1,041,346	1,009,998	916,203	927,791	1,044,391	1,043,556	1,006,271
Nondurable goods	594,614	610,224	661,332	700,126	763,495	802,611	205,104	208,692	220,840	232,091	248,125	274,539
Food and kindred products	53,304*	55,952*	59,122*	37,272*	39,417*	46,341*	43,792*	45,092	45,553	46,367*	44,146*	44,597*
Textile mill products	145,410*	(D)	(D)	119,024*	112,615*	114,621*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	9,694	10,155	10,823	10,951	10,261	9,897
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	17,286	17,437	17,737	19,344	21,627	24,503
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	45,632*	49,595*	54,763*	58,557*	64,650*	77,690*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	35,181*	36,302*	35,302*	39,501*	42,715*	46,958*
Petroleum and coal products	0	0	0	0	0	0	6,788	6,219	5,867	817	885	1,197
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)	44,972	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	166,355	166,327	191,104	218,464	232,192	238,735	804,894	707,511	706,951	812,300	795,431	731,732
Lumber and wood products	20,734	18,094	19,809	21,958	23,147	24,212	(D)	(D)	8,273*	10,096	11,566	14,156*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	81,908	78,495	88,454	93,066	94,151*	92,315
Primary metal industries	0	(D)	(D)	(D)	(D)	(D)	32,170*	31,874	33,917	40,031*	37,815	44,144
Fabricated metal products	(D)	(D)	9,542*	11,392*	(D)	(D)	117,491	106,446	113,530	127,382	137,773	124,451
Machinery, except electrical	30,277*	(D)	37,611*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	2,787*	(D)	(D)	(D)	5,404*	5,284*	(D)	(D)	(D)	(D)	(D)	92,848*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	127	(D)	(D)	(D)	(D)	(D)	8,477	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	27,480*	24,002*	22,244*	27,069*	27,274*	33,360*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	31,553	31,219	28,789	30,556	32,629*	30,681
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	23,169*	19,287*	13,825*	14,191*	14,605*	15,095*
Transportation and public utilities	109,204	116,729	120,979	129,916	145,495	149,617	119,605	111,087	108,612	114,846	150,381	163,613
Railroad transportation	12,151	11,936	12,488	13,790	13,455	12,281	23,147	20,812	19,121	18,579	15,278	13,058
Trucking and warehousing	(D)	(D)	(D)	(D)	(D)	(D)	55,810	48,768	48,141	54,464	51,531	45,688*
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	5,038	(D)	(D)	(D)	(D)	8,554
Communication	(D)	42,125*	41,655*	39,283*	46,001*	47,025*	31,487	31,946	29,607	28,142	67,016	83,099
Electric, gas, and sanitary services	15,786*	18,253*	19,975*	22,157*	24,479*	28,314*	4,114	(D)	(D)	(D)	(D)	(D)
Wholesale trade	79,678	87,278	86,316	98,907	108,804	117,123	148,662	321,996	263,732	314,524	270,921	292,515
Retail trade	209,432	221,114	243,381	286,145	322,329	352,110	261,341	265,946	283,707	306,642	329,392	346,527
Finance, insurance, and real estate	71,958	71,922	83,971	97,384	110,572	134,226	99,317	102,841	112,562	120,854	131,272	151,710
Banking and credit agencies	30,658*	31,997*	37,029*	42,952*	46,937*	(D)	34,267*	36,007*	37,522*	40,514*	44,258*	47,608*
Other finance, insurance, and real estate[9]	39,186*	37,759*	44,245*	51,041*	(D)	(D)	60,938*	63,224*	71,304*	76,744*	83,458*	99,009*
Services	286,032	312,870	348,749	433,385	561,202	642,855	413,101	440,875	494,562	542,890	591,529	622,735
Hotels and other lodging places	7,821	7,024*	7,722*	8,115*	10,004*	9,970*	11,935	9,619*	9,002*	9,580*	9,497*	9,934*
Personal services	15,380	16,958	18,416	20,879	25,778	26,744	26,846	30,166	33,114	34,797	39,423	41,326
Private households	14,509	15,679	16,460	18,524	18,878	19,696	7,023	7,510	7,794	8,671	8,677	8,898
Business services	26,533	31,506	36,511	76,879	93,418	119,389	60,410	70,768	87,190	99,109	120,253	139,886
Auto repair, services, and garages	16,708	16,429	19,363	23,061	24,685	27,880	20,504	19,789	21,365	25,233	27,883	32,311
Miscellaneous repair services	5,823	5,436	5,811	7,004	6,428	7,438	8,631	9,063	10,700	11,436	9,733	10,369
Amusement and recreation services	(D)	7,012	6,759	7,763*	8,762	10,517	6,619	6,430	7,586	8,165	9,463	11,238
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,556*	1,627	1,740	1,780	1,948	1,776
Health services	(D)	(D)	(D)	(D)	244,941	275,277	175,038	184,799	205,527	218,510	228,121	217,958
Legal services	14,330	(D)	(D)	(D)	29,258	33,122	19,802	23,552	25,914	29,009	31,326	33,902
Educational services	(D)	(D)	(D)	11,347*	(D)	(D)	9,794*	12,419	13,849	15,865	16,836	18,993
Social services	7,336*	8,118*	8,748*	10,175	10,375	11,967	13,224	14,302*	14,987*	15,994*	19,012*	21,061*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	17,166	18,680	19,553	20,361	21,120	21,087	24,685	27,815	28,836	30,211	33,831	36,230
Miscellaneous services	33,242	27,022	33,769	43,310	52,113	60,043	26,800	22,888	26,796	34,337	35,307	38,601
Government and government enterprises	660,549	725,271	772,135	815,230	831,455	869,841	229,305	250,042	264,603	273,630	289,048	310,769
Federal, civilian	138,526	159,263	171,337	174,238	206,168	204,691	45,521	39,377	46,876	49,326	51,654	57,636
Military	198,519	211,372	217,630	224,279	225,760	226,587	2,814	3,231	3,771	4,045	4,575	5,033
State and local	323,504	354,636	383,168	416,713	399,527	438,563	180,970	207,434	213,956	220,259	232,819	248,100

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Austin, TX (MSA)						Bakersfield, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**5,946,139**	**6,741,481**	**7,672,365**	**8,952,056**	**10,136,704**	**10,565,006**	**4,695,834**	**4,998,628**	**5,235,647**	**5,723,149**	**6,220,210**	**6,636,309**
Nonfarm personal income	5,915,300	6,704,418	7,632,825	8,924,589	10,097,096	10,530,101	4,202,887	4,530,712	4,797,905	5,273,951	5,736,173	6,104,194
Farm income[1]	30,839	37,063	39,540	27,467	39,608	34,905	492,947	467,916	437,742	449,198	484,037	532,115
Population (thousands)[2]	555.4	580.2	613.6	650.2	697.6	726.4	420.0	435.7	450.0	463.6	479.6	494.2
Per capita personal income (dollars)	**10,707**	**11,620**	**12,504**	**13,769**	**14,530**	**14,544**	**11,181**	**11,473**	**11,635**	**12,345**	**12,970**	**13,429**
Derivation of total personal income:												
Total earnings by place of work	4,629,219	5,229,684	6,116,396	7,283,184	8,315,314	8,618,677	3,692,907	3,908,678	4,052,916	4,453,988	4,866,575	5,140,354
Less: Personal contributions for social insurance[3]	235,907	270,484	320,229	381,324	453,325	473,582	174,433	192,649	210,384	233,640	266,231	280,987
Plus: Adjustment for residence	−104,465	−112,576	−164,909	−217,818	−276,342	−261,651	−132,726	−143,329	−141,129	−157,646	−165,092	−155,385
Equals: Net earnings by place of residence	4,288,847	4,846,624	5,631,258	6,684,042	7,585,647	7,883,444	3,385,748	3,572,700	3,701,403	4,062,702	4,435,252	4,703,982
Plus: Dividends, interest, and rent[4]	966,929	1,115,682	1,183,380	1,377,212	1,559,323	1,612,375	593,459	634,856	675,422	749,581	790,928	851,978
Plus: Transfer payments	690,363	779,175	857,727	890,802	991,734	1,069,187	716,627	791,072	858,822	910,866	994,030	1,080,349
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,808,346	4,318,578	5,031,375	6,030,207	6,905,815	7,148,124	2,683,401	2,912,377	3,020,301	3,305,716	3,610,522	3,758,084
Other labor income	315,162	375,063	443,687	518,385	579,105	600,038	250,577	280,348	301,718	326,790	342,255	350,972
Proprietors' income[5]	505,711	536,043	641,334	734,592	830,394	870,515	758,929	715,953	730,897	821,482	913,798	1,031,298
Farm	27,662	33,734	36,323	24,293	36,393	31,684	362,411	312,073	284,872	307,104	350,083	406,389
Nonfarm	478,049	502,309	605,011	710,299	794,001	838,831	396,518	403,880	446,025	514,378	563,715	624,909
Earnings by industry:												
Farm	30,839	37,063	39,540	27,467	39,608	34,905	492,947	467,916	437,742	449,198	484,037	532,115
Nonfarm	4,598,380	5,192,621	6,076,856	7,255,717	8,275,706	8,583,772	3,199,960	3,440,762	3,615,174	4,004,790	4,382,538	4,608,239
Private	3,233,596	3,668,478	4,348,189	5,392,020	6,228,502	6,452,818	2,499,663	2,676,966	2,799,985	3,111,132	3,387,040	3,542,355
Agricultural services, forestry, fisheries, and other[7]	13,820	15,007	18,781	21,728	27,004	28,778	143,560	152,679	151,782	156,439	166,788	174,597
Agricultural services	13,708	14,994	18,493	21,549	26,781	28,523	143,303	152,694	151,142	155,916	166,350	174,112
Forestry, fisheries, and other[7]	112	(L)	288	179	223	255	257	(L)	640	523	438	485
Mining	48,708	52,973	60,464	64,107	71,897	51,558	433,834	462,607	459,888	553,535	609,725	524,607
Coal mining	218	211	(L)	69	67*	74	90	98	122	165	181	190
Oil and gas extraction	(D)	42,038*	46,408*	46,997*	56,614	(D)	395,167	(D)	(D)	514,511	(D)	(D)
Metal mining	(D)	(L)	(L)	(L)	18*	57	(D)	148	381	(D)	183	844
Nonmetallic minerals, except fuels	(D)	(D)	(D)	14,024*	15,189	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	358,417	401,307	527,555	731,547	813,103	747,637	263,082	283,894	302,896	348,022	397,123	461,104
Manufacturing	706,251	731,916	826,338	1,023,763	1,154,770	1,191,206	264,537	271,533	281,097	310,844	299,377	307,677
Nondurable goods	112,146	121,879	133,165	172,003	199,487	212,205	125,825	133,242	145,278	152,548	131,003	134,274
Food and kindred products	25,443	30,633	30,859	35,336	38,738	36,946	24,851	26,422	24,527	36,107	38,091	35,918
Textile mill products	596	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	3,418*	3,426	3,154	2,983	(D)	1,602	1,441	1,390	(D)	2,406
Paper and allied products	(D)	(D)	(D)	1,321	1,508	1,564*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	58,317*	63,151	72,870	90,334	103,126	108,554	11,392	13,250	14,982	17,598	18,880	20,351
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	13,220	16,232	17,554	14,944	9,893	10,629
Petroleum and coal products	1,915*	2,225	2,853	2,290	2,687	2,668	60,399	61,334	71,290	66,563	41,104	42,136
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	5,139*	4,637*	4,757*	6,041*	7,460*	6,009*	12,118	12,687	13,517	14,140	14,654	14,511
Leather and leather products	615	616	555	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	594,105	610,037	693,173	851,760	955,283	979,001	138,712	138,291	135,819	158,296	168,374	173,403
Lumber and wood products	11,704	19,230	32,674	39,665*	37,679	(D)	(D)	3,256	4,162	5,085	7,494	6,970
Furniture and fixtures	13,691*	17,127*	18,889*	20,355*	14,891*	14,691*	990	864	1,023	(D)	985	774
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	6,905	6,528	5,626	8,434	(D)	(D)
Fabricated metal products	23,600*	26,487*	34,710*	43,476	61,395	64,358	10,706	11,308	11,669	14,022	14,774	13,470
Machinery, except electrical	297,659*	280,922	284,710	335,375	374,559	381,880*	35,138	37,386	30,551	32,878	35,241	30,602
Electric and electronic equipment	143,053	155,959	196,152	260,028	296,289*	309,913*	2,753	1,994	1,457	1,146	1,969	2,043
Transportation equip. exc. motor vehicles	6,927*	(D)	(D)	(D)	2,716*	2,365*	34,884	39,460	43,962	55,376	65,196	78,530
Motor vehicles and equipment	1,628*	(D)	(D)	481	(D)	(D)	2,486	2,491	2,139	2,177	2,621	2,313
Stone, clay, and glass products	(D)	(D)	(D)	(D)	55,679	52,637	36,238	33,101	32,794	35,151	32,194	33,775
Instruments and related products	39,768	42,841*	50,239*	60,931*	70,681	75,932	(D)	1,167	1,702	(D)	(D)	(D)
Miscellaneous manufacturing industries	16,933	15,366	18,950	26,706	29,195	30,609	934	736	734	808	845	865
Transportation and public utilities	199,404	226,355	236,837	275,273	319,172	345,048	242,085	251,673	261,202	280,770	304,259	313,235
Railroad transportation	8,175	8,633	9,440	(D)	7,641	(D)	34,353	34,138	35,974	39,081	36,993	35,021
Trucking and warehousing	49,654	51,323	49,372	66,159	70,344	75,170	86,735	93,514	93,628	109,339	110,333	115,824
Water transportation	(D)	331	260	239	324	344	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	31,103*	34,596*	42,252*	48,794	57,625*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	95,272*	115,422*	120,939*	129,537*	165,435	175,551	72,753	74,180	71,039	65,108	71,188	75,627
Electric, gas, and sanitary services	12,666	14,832	17,291	(D)	26,634	28,050	34,666	34,200	39,833	45,960	57,926	60,461
Wholesale trade	199,915	283,605	342,747	362,672	403,303	422,776	199,479	202,858	198,587	209,774	242,396	256,986
Retail trade	501,875	571,129	655,052	776,763	880,455	892,291	335,185	365,140	393,105	429,071	455,086	484,497
Finance, insurance, and real estate	283,437	313,673	394,325	511,254	613,164	681,956	91,238	96,136	111,813	121,486	133,058	149,205
Banking and credit agencies	90,044	106,735	135,519	168,322	204,944	223,530	44,877	51,981	55,651	59,452	62,000	66,117
Other finance, insurance, and real estate[9]	193,393	206,938	258,806	342,932	408,220	458,426	46,361	44,155	56,162	62,034	71,058	83,088
Services	921,769	1,072,513	1,286,090	1,624,913	1,945,634	2,091,568	526,663	590,446	639,615	701,191	779,228	870,447
Hotels and other lodging places	33,144	40,019	47,357	55,856	65,694	70,879	9,030	9,191	12,754	14,283	13,933	15,045
Personal services	55,411	64,297	71,885	78,412	97,509	94,659*	23,799	27,386	28,563	29,934	35,375	38,481
Private households	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,343	9,875	11,122	11,357	11,893
Business services	205,831	259,140	304,091	398,862	527,840	562,134	86,720	118,053	128,830	146,756	170,959	198,718
Auto repair, services, and garages	44,814	45,594	52,487	64,264	75,542	77,255	41,273	38,884	42,040	50,900	54,125	61,851
Miscellaneous repair services	14,078	16,993	20,538	25,785	26,209	25,620	26,513	28,930	33,552	39,761	36,483	38,793
Amusement and recreation services	13,085	14,596	15,553	(D)	(D)	(D)	9,755	10,614	10,557	13,859	11,803	12,245
Motion pictures	2,723*	(D)	3,448*	5,260*	8,823*	11,456*	1,149	(D)	(D)	2,117	2,682	2,904
Health services	231,367	266,639	307,483	340,291	384,281	410,909	171,077	194,647	205,144	223,624	244,154	274,611
Legal services	85,941	99,746	124,681	154,700	181,474	204,946	20,352	23,675	26,633	30,998	35,763	42,800
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	5,422	6,068	7,409	8,110	8,353	7,797
Social services	36,221	39,105	46,958	56,491	69,052	75,827	9,364	9,135	9,887	12,442	13,571	15,211
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	76	127
Membership organizations	60,500	70,466	73,105	83,658	91,233	107,711	25,959	29,143	31,683	32,767	34,485	35,050
Miscellaneous services	99,575	108,702	171,136	288,574	341,453	354,388	87,598	83,969	91,395	84,479	106,109	114,921
Government and government enterprises	1,364,784	1,524,143	1,728,667	1,863,697	2,047,204	2,130,954	700,297	763,796	815,189	893,658	995,498	1,065,884
Federal, civilian	174,136	186,229	197,696	225,280	264,184	269,498	240,413	253,971	274,344	302,111	332,356	337,227
Military	80,210	104,935	114,701	118,915	124,497	129,377	77,143	86,941	96,302	108,515	121,354	123,356
State and local	1,110,438	1,232,979	1,416,270	1,519,502	1,658,523	1,732,079	382,741	422,884	444,543	483,032	541,788	605,301

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Baltimore, MD (MSA)						Bangor, ME (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**26,095,189**	**27,703,652**	**29,822,024**	**32,567,477**	**35,184,974**	**37,481,066**	**1,191,188**	**1,248,957**	**1,350,638**	**1,477,206**	**1,550,192**	**1,651,112**
Nonfarm personal income	26,031,576	27,635,516	29,773,724	32,475,624	35,097,305	37,394,328	1,180,451	1,240,475	1,345,608	1,467,736	1,545,340	1,645,930
Farm income[1]	63,613	68,136	48,300	91,853	87,669	86,738	10,737	8,482	5,030	9,470	4,852	5,182
Population (thousands)[2]	2,213.6	2,216.1	2,224.6	2,238.1	2,251.6	2,280.0	137.8	138.2	138.1	138.4	137.8	138.2
Per capita personal income (dollars)	**11,788**	**12,501**	**13,405**	**14,551**	**15,627**	**16,439**	**8,646**	**9,040**	**9,781**	**10,673**	**11,247**	**11,943**
Derivation of total personal income:												
Total earnings by place of work	18,487,230	19,262,871	20,811,261	22,794,176	24,688,950	26,321,808	901,330	931,346	1,017,608	1,121,947	1,175,419	1,254,151
Less: Personal contributions for social insurance[3]	1,095,130	1,158,898	1,259,218	1,387,693	1,596,820	1,720,335	48,819	50,859	55,448	61,293	67,380	72,163
Plus: Adjustment for residence	1,202,617	1,280,513	1,391,843	1,574,849	1,796,933	1,970,345	−31,418	−34,014	−39,683	−43,178	−45,066	−46,989
Equals: Net earnings by place of residence	18,594,717	19,384,486	20,943,886	22,981,332	24,889,063	26,571,818	821,093	846,473	922,477	1,017,476	1,062,973	1,134,999
Plus: Dividends, interest, and rent[5]	3,750,866	4,154,174	4,361,631	4,871,826	5,266,778	5,612,054	145,280	156,796	162,465	185,124	195,593	212,534
Plus: Transfer payments	3,749,606	4,164,992	4,516,507	4,714,319	5,029,133	5,297,194	224,815	245,688	265,696	274,606	291,626	303,579
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	15,816,082	16,454,053	17,722,662	19,374,380	20,985,764	22,344,059	732,482	767,009	829,027	907,083	958,625	1,017,919
Other labor income	1,510,970	1,645,629	1,771,409	1,852,244	1,948,036	2,012,334	81,760	90,461	100,935	107,817	111,458	116,957
Proprietors' income[6]	1,160,178	1,163,189	1,317,190	1,567,552	1,755,150	1,965,415	87,088	73,876	87,646	107,047	105,336	119,275
Farm	42,354	45,855	26,934	70,945	66,669	65,684	8,591	5,866	2,490	6,976	2,345	2,676
Nonfarm	1,117,824	1,117,334	1,290,256	1,496,607	1,688,481	1,899,731	78,497	68,010	85,156	100,071	102,991	116,599
Earnings by industry:												
Farm	63,613	68,136	48,300	91,853	87,669	86,738	10,737	8,482	5,030	9,470	4,852	5,182
Nonfarm	18,423,617	19,194,735	20,762,961	22,702,323	24,601,281	26,235,070	890,593	922,864	1,012,578	1,112,477	1,170,567	1,248,969
Private	14,270,232	14,746,107	16,007,435	17,648,183	19,303,386	20,699,422	731,877	752,722	829,832	916,879	961,059	1,024,179
Agricultural services, forestry, fisheries, and other[7]	55,249	57,599	71,996	75,379	87,347	103,512	6,544	5,037	8,854	8,178	6,470	7,520
Agricultural services	52,324	56,476	64,999	71,896	78,708	93,521	1,374	1,465	1,633	1,650	1,586	1,896
Forestry, fisheries, and other[7]	2,925	1,123	6,997	3,483	8,639	9,991	5,170	3,572	7,221	6,528	4,884	5,624
Mining	59,570	54,204	41,759	44,920	67,716	68,773	3,423	3,291	2,562	2,483	3,114	2,156
Coal mining	318	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	51,122	38,468	(D)	(D)	(D)	2,559	2,436	1,947	1,891	2,647	2,452
Metal mining	(L)	(L)	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	2,626*	2,838*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,126,129	1,094,208	1,226,455	1,446,996	1,656,784	1,887,166	37,632	37,768	45,117	56,713	67,254	73,217
Manufacturing	3,813,411	3,635,465	3,815,929	4,055,598	4,239,078	4,180,168	278,052	279,717	303,008	330,809	328,478	332,378
Nondurable goods	1,188,366	1,196,872*	1,290,566*	1,377,113	1,436,171	1,509,381	216,120	222,517	244,564	261,523	256,130	256,851
Food and kindred products	262,292*	278,927*	298,553*	320,635*	333,687*	333,790*	8,384	8,352	9,094	9,204	7,013	8,082
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	12,636	10,919	13,516	19,542	19,185	20,877
Apparel and other textile products	(D)	121,548*	125,815*	138,444*	122,964*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	128,102*	(D)	(D)	(D)	(D)	(D)	135,314	136,238	148,231	166,895	168,642	169,499
Printing and publishing	266,829	267,009*	299,138*	322,524*	344,521*	363,771*	9,161	9,342	9,695	10,539	11,563	12,805
Chemicals and allied products	264,942*	248,378*	(D)	(D)	(D)	334,348*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	22,418*	22,460*	21,762*	24,474*	25,498*	27,229*	1,388	1,737	3,800	3,432	3,209	3,572
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)	(L)	(D)	(D)	(D)	(D)	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	47,292	54,053	58,062	49,594	44,278	39,729
Durable goods	2,625,045	2,428,009*	2,514,132*	2,678,485	2,802,907	2,670,787	61,932	57,200	58,444	69,286	72,348	75,527
Lumber and wood products	(D)	(D)	(D)	21,777*	(D)	24,144*	38,694	34,240	36,757	41,832	44,949	45,514
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	385	(D)
Primary metal industries	949,798*	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	164,753*	154,564*	163,731*	164,526*	160,802*	(D)	1,239	1,342	1,444	1,595	1,653	851
Machinery, except electrical	257,009*	(D)	(D)	(D)	(D)	(D)	12,311	11,607	10,132	10,657	12,433	13,286
Electric and electronic equipment	613,712*	(D)	(D)	(D)	(D)	(D)	5,827	6,196	6,118	10,596	8,051	9,219
Transportation equip. exc. motor vehicles	203,869*	172,098	172,761	209,823	209,713	203,952*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	123,031	(D)	(D)	(D)	(D)	(D)	450	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	151,014*	151,214*	132,999*	2,208	2,010	1,872	2,166	2,747	3,658
Instruments and related products	23,934*	28,260*	35,094*	(D)	32,689*	(D)	0	0	0	0	(D)	0
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	142	(D)	(D)
Transportation and public utilities	1,480,386	1,644,286	1,693,746	1,782,205	1,870,752	1,796,585	77,394	81,291	90,543	98,358	99,874	105,225
Railroad transportation	180,185	166,910	160,380	172,582	177,533	156,620	16,037	16,228	16,064	15,973	14,347	13,675
Trucking and warehousing	314,224	313,293	299,575	315,361	328,082	345,684	25,092	25,292	26,901	32,425	31,768	34,569
Water transportation	(D)	125,231*	117,594*	131,903*	130,048*	125,687*	(L)	(D)	(D)	(L)	(L)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	438,755*	(D)	(D)	(D)	(D)	(D)	21,473	(D)	(D)	29,954	31,277	31,599
Electric, gas, and sanitary services	285,948	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,241,145	1,350,543	1,395,862	1,537,941	1,662,496	1,784,979	46,524	47,961	48,889	54,489	61,357	67,220
Retail trade	1,806,232	1,853,172	2,039,353	2,239,851	2,419,681	2,637,019	98,314	101,351	112,506	124,297	134,041	148,975
Finance, insurance, and real estate	1,085,315	1,132,335	1,343,403	1,501,372	1,721,326	2,022,268	27,659	27,822	30,503	33,154	36,230	44,137
Banking and credit agencies	365,530	413,102	465,465	507,985	590,092	669,451	14,544	16,731	16,479	17,268	18,458	21,217
Other finance, insurance, and real estate[9]	719,785	719,233	877,938	993,387	1,131,234	1,352,817	13,115	11,091	14,024	15,886	17,772	22,920
Services	3,602,795	3,924,295	4,378,932	4,963,921	5,578,206	6,218,952	156,335	168,484	187,850	208,398	224,241	243,351
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,697	6,645	8,169	8,533	8,866	10,202
Personal services	150,870	162,105*	180,405*	201,936	226,920*	249,243*	6,368	6,566	7,687	8,154	9,578	10,221
Private households	(D)	82,895	86,517	96,841	97,772	101,690	(D)	2,559	2,672	2,977	2,998	3,087
Business services	581,969	677,065	789,579	934,247	1,102,785	1,282,397	10,091	11,335	12,914	15,575	15,757	18,656
Auto repair, services, and garages	144,737	148,475	161,486	(D)	(D)	(D)	7,699	6,933	7,940	9,372	10,274	10,882
Miscellaneous repair services	79,505	81,579	91,026	98,883*	(D)	112,508*	3,419	3,052	3,783	4,664	3,882	3,950
Amusement and recreation services	81,085	91,360	109,924	113,780	127,271	139,896	1,174	1,089	1,263	1,529	1,965	1,787
Motion pictures	(D)	10,818*	11,985*	14,380*	(D)	(D)	(D)	632	624	(D)	(D)	(D)
Health services	1,179,112	1,340,398	1,485,388	1,637,077	1,790,436	1,936,399	76,311	87,046	95,720	101,785	108,519	118,822
Legal services	245,576	279,774	318,605	382,487	432,377	492,394	8,368	9,569	11,763	13,852	16,107	17,267
Educational services	245,136*	251,144*	273,141*	(D)	(D)	(D)	5,508	6,025	5,861	6,306	6,212	6,133
Social services	104,145	112,302	121,369	136,427	154,759	164,887	7,734	7,411	8,278	9,873	11,272	12,634
Museums, botanical, zoological gardens	(D)	1,258*	1,215*	1,333*	(D)	(D)	0	0	0	(D)	(D)	(D)
Membership organizations	156,715*	166,124	173,554	180,693	188,809	194,608	6,692	7,003	7,289	8,340	8,515	8,887
Miscellaneous services	496,643	(D)	(D)	573,613	657,209	768,867	13,613	12,619	13,887	15,842	17,499	19,782
Government and government enterprises	4,153,385	4,448,628	4,755,526	5,054,140	5,297,895	5,535,648	158,716	170,142	182,746	195,598	209,508	224,790
Federal, civilian	1,621,430	1,732,269	1,879,352	1,995,754	2,037,191	2,049,625	25,023	25,960	26,765	28,129	30,236	31,471
Military	334,723	375,459	396,086	431,757	453,034	477,542	3,216	3,442	3,809	4,038	4,626	5,900
State and local	2,197,232	2,340,900	2,480,088	2,626,629	2,807,670	3,008,481	130,477	140,740	152,172	163,431	174,646	187,419

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Baton Rouge, LA (MSA)						Battle Creek, MI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**5,440,996**	**5,800,387**	**6,082,492**	**6,464,500**	**6,734,089**	**6,681,563**	**1,417,916**	**1,443,958**	**1,476,462**	**1,547,119**	**1,656,298**	**1,729,394**
Nonfarm personal income	5,427,106	5,785,376	6,067,775	6,451,307	6,720,677	6,656,134	1,403,366	1,433,784	1,477,422	1,542,375	1,648,123	1,720,153
Farm income[1]	13,890	15,011	14,717	13,193	13,412	25,429	14,550	10,174	−960	4,744	8,175	9,241
Population (thousands)[2]	509.8	521.4	532.3	537.5	542.7	545.7	140.5	139.4	137.9	136.8	136.1	136.9
Per capita personal income (dollars)	**10,673**	**11,125**	**11,428**	**12,026**	**12,408**	**12,243**	**10,090**	**10,360**	**10,704**	**11,312**	**12,168**	**12,634**
Derivation of total personal income:												
Total earnings by place of work	4,177,448	4,377,217	4,461,145	4,728,409	4,938,038	4,885,919	1,137,940	1,116,210	1,123,996	1,170,135	1,291,435	1,360,322
Less: Personal contributions for social insurance[3]	219,525	241,484	238,263	257,288	282,527	283,329	69,697	72,306	71,094	75,405	85,430	90,938
Plus: Adjustment for residence	262,096	307,645	355,461	374,588	312,729	232,151	−121,766	−122,227	−119,977	−113,498	−135,143	−154,860
Equals: Net earnings by place of residence	4,220,019	4,443,378	4,578,343	4,845,709	4,968,240	4,834,741	946,477	921,677	932,925	981,232	1,070,862	1,114,524
Plus: Dividends, interest, and rent[5]	651,823	707,279	761,477	848,105	925,835	942,718	203,844	217,736	224,811	249,036	256,493	268,839
Plus: Transfer payments	569,154	649,730	742,672	770,686	840,014	904,104	267,595	304,545	318,726	316,851	328,943	346,031
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,480,098	3,646,223	3,671,895	3,896,607	4,062,463	3,983,133	963,572	953,157	965,676	997,692	1,102,082	1,159,437
Other labor income	383,124	419,053	426,862	426,649	437,710	432,808	110,463	108,417	108,216	110,156	117,210	120,778
Proprietors' income[6]	314,226	311,941	362,388	405,153	437,865	469,978	63,905	54,636	50,104	62,287	72,143	80,107
Farm	9,196	9,786	9,675	8,333	8,508	20,464	10,947	6,060	−4,852	924	4,314	5,366
Nonfarm	305,030	302,155	352,713	396,820	429,357	449,514	52,958	48,576	54,956	61,363	67,829	74,741
Earnings by industry:												
Farm	13,890	15,011	14,717	13,193	13,412	25,429	14,550	10,174	−960	4,744	8,175	9,241
Nonfarm	4,163,558	4,362,206	4,446,428	4,715,216	4,924,626	4,860,490	1,123,390	1,106,036	1,124,956	1,165,391	1,283,260	1,351,081
Private	3,420,035	3,530,084	3,584,250	3,806,203	3,966,062	3,894,498	942,527	905,721	914,098	958,691	1,042,609	1,093,994
Agricultural services, forestry, fisheries, and other[7]	9,704	10,130	11,540	10,918	12,462	12,446	4,091	4,124	2,937	2,656	3,067	3,216
Agricultural services	8,802	8,985*	9,442*	9,100*	10,524*	10,551*	4,064	4,121	2,878	2,609	3,017	3,129
Forestry, fisheries, and other[7]	902	606*	1,461*	1,202*	1,380*	(D)	(L)	(L)	59	(L)	50	87
Mining	48,555	51,085	38,222	39,944	47,699	45,957	3,865	3,158	2,888	3,004	3,785	3,886
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	43,095	(D)	29,275*	(D)	(D)	(D)	(D)	2,548	2,146	(D)	2,943	3,016
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	5,459	(D)	5,347*	(D)	4,838*	4,146*	(D)	610	742	(D)	842	870
Construction	667,930	601,127	550,083	590,732	620,130	561,770	40,776	34,791	36,087	39,791	42,338	50,964
Manufacturing	827,148	859,910	815,486	813,242	812,202	779,895	493,977	463,344	448,713	465,216	508,062	512,719
Nondurable goods	705,956	747,510	723,248	715,533	711,913	679,017	264,704	276,304	278,604	285,259	319,066	332,940
Food and kindred products	38,090*	41,449*	41,462*	40,857*	43,812*	(D)	223,475	236,649	241,531	243,230	272,529	278,604
Textile mill products	(D)	(D)	(D)	(D)	241	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	3,475*	3,601	3,226	(D)	(D)	(D)	342	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	24,068	22,889	23,856	25,257	25,894	28,155
Printing and publishing	34,650	37,711	38,689	38,760*	45,802*	45,501*	9,517	9,142	9,302	10,293	11,542	13,379
Chemicals and allied products	443,604*	476,331*	453,483*	439,054*	423,951*	387,531*	5,646	5,287	1,261	1,645	2,053	2,221
Petroleum and coal products	141,516*	158,096*	159,526*	164,368*	171,244*	168,378	(D)	127	152	128	(D)	261
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	11,011*	(D)	(D)	(D)	(D)	(D)	1,503	1,512	1,356	3,257	3,908	3,726
Leather and leather products	(L)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	121,192	112,400	92,238	97,709	100,289	100,878	229,273	187,040	170,109	179,957	188,996	179,779
Lumber and wood products	10,579*	5,923*	6,437*	7,560*	9,063*	13,413*	998	813	684	765	1,094	1,110
Furniture and fixtures	(D)	201	296	314	334	289	481	492	624	(D)	1,324	1,078
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	24,606	24,101	23,846	35,000	34,802	34,276
Fabricated metal products	32,300	33,309	21,690	20,530	20,948	21,684	36,776	27,601	29,172	32,745	34,369	34,873
Machinery, except electrical	19,013*	(D)	15,809*	18,372	19,311	18,422*	150,332	118,859	95,836	92,637	91,442	86,745
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,113	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	511	(D)	(D)	(D)	(D)	1,066	3,229	(D)	(D)	(D)	(D)	2,862
Stone, clay, and glass products	16,337	(D)	(D)	(D)	(D)	(D)	1,712	1,405	1,476	1,532	(D)	(D)
Instruments and related products	2,465	2,714	2,728	3,886	4,499*	4,108*	(D)	(D)	(D)	(D)	258	(D)
Miscellaneous manufacturing industries	2,173	1,415	2,039	3,405	3,152	3,206	6,802	5,569	5,738	7,437	9,074	4,838
Transportation and public utilities	254,714	271,969	290,061	308,810	317,334	315,700	58,978	61,184	66,232	69,853	74,356	77,474
Railroad transportation	19,831	18,961	18,667	22,356	24,244	23,193	28,422	27,873	27,545	29,176	30,028	29,259
Trucking and warehousing	51,424	59,878	63,401	74,519	72,911	72,206	9,781	9,797	10,450	12,217	12,141	12,952
Water transportation	(D)	34,633*	38,742*	37,922*	38,786*	38,177*	0	0	0	0	0	0
Other transportation[8]	22,205*	23,563*	24,124*	24,447*	23,040*	(D)	1,283	1,359	1,620	1,656	2,289	2,325
Communication	68,946*	76,515*	77,007*	72,981*	75,028*	70,730*	9,058	8,742	8,056	6,786	7,127	7,220
Electric, gas, and sanitary services	45,575	47,008*	55,037*	66,538	73,602	77,141	10,434	13,413	18,561	20,018	22,771	25,718
Wholesale trade	266,985	266,369	261,972	278,208	300,624	293,778	25,638	23,646	24,457	27,870	31,242	35,380
Retail trade	396,563	425,852	480,119	517,157	519,400	510,483	90,503	87,218	91,333	95,299	100,966	106,815
Finance, insurance, and real estate	210,306	229,531	259,507	281,376	304,196	317,143	67,143	65,302	67,522	67,743	73,652	78,811
Banking and credit agencies	82,408*	90,167*	(D)	122,890*	130,812*	132,446*	9,335	9,378	9,715	9,813	10,067	8,975
Other finance, insurance, and real estate[9]	122,902*	124,345*	138,494*	146,179*	156,894*	166,778*	57,808	55,924	57,807	57,930	63,585	69,836
Services	738,130	814,111	877,260	965,816	1,032,015	1,057,326	157,556	162,954	173,929	187,259	205,141	224,729
Hotels and other lodging places	18,275	15,794*	21,637*	23,261*	19,635*	18,355*	2,256	1,885	1,937	1,806	2,991	3,730
Personal services	46,771	55,079	58,927	62,675	74,238	74,875	8,953	9,831	10,339	10,380	12,712	13,166
Private households	20,939	22,798	23,939	26,633	26,767	27,490	1,665	1,747	1,794	1,978	1,984	2,038
Business services	151,662	164,023	169,385	163,265	198,243	199,972	9,765	11,039	12,898	16,441	23,702	33,156
Auto repair, services, and garages	32,088	31,574	35,713	39,772	39,825	39,087	6,563	6,268	7,053	7,625	8,414	9,589
Miscellaneous repair services	28,421	31,796	36,248	38,217	31,361	26,506*	2,625	2,939	3,582	4,045	5,042	5,196
Amusement and recreation services	6,465*	7,833*	8,391*	8,570*	9,335*	9,314	2,672	2,508	2,743	2,809	3,162	3,747
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	551	(D)	(D)	(D)	(D)	(D)
Health services	203,823	241,499	273,020	293,271	318,210	340,097	77,679	81,971	85,347	89,843	89,261	93,829
Legal services	45,714	56,649	67,030	81,988	88,498	97,835	4,818	5,439	5,577	6,604	7,276	7,925
Educational services	11,467	12,290*	13,306*	15,604	16,852	19,055*	(D)	(D)	(D)	(D)	(D)	(D)
Social services	14,335*	14,876	16,074	15,653	18,266	21,319	7,959	7,527	7,965	8,495	11,021	12,565
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	37,428*	40,429*	41,931*	44,256*	45,771*	10,953	11,542	12,530	12,809	13,501	13,549
Miscellaneous services	119,434	116,022	107,544	128,548	138,823	130,958	(D)	10,763	11,428	12,878	14,722	13,132
Government and government enterprises	743,523	832,122	862,178	909,013	958,564	965,992	180,863	200,315	210,858	206,700	240,651	257,087
Federal, civilian	43,581	45,549	50,405	56,536	62,346	61,946	90,596	97,556	100,082	111,376	113,137	119,929
Military	8,872	12,503	12,720	13,466	15,235	16,301	2,140	2,593	2,664	2,715	3,159	3,318
State and local	691,070	774,070	799,053	839,011	880,983	887,745	88,127	100,166	108,112	92,609	124,355	133,840

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Beaumont—Port Arthur, TX (MSA)						Beaver County, PA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,341,579**	**4,554,111**	**4,662,954**	**4,802,100**	**4,864,936**	**4,819,103**	**2,225,060**	**2,202,638**	**2,148,575**	**2,215,364**	**2,257,641**	**2,210,987**
Nonfarm personal income	4,338,660	4,549,653	4,657,934	4,796,307	4,860,827	4,814,485	2,219,396	2,197,529	2,144,630	2,209,271	2,251,830	2,204,983
Farm income[1]	2,919	4,458	5,020	5,793	4,109	4,618	5,664	5,109	3,945	6,093	5,811	6,004
Population (thousands)[2]	380.5	382.7	385.8	383.4	379.7	375.8	202.5	202.5	200.9	198.2	195.0	193.2
Per capita personal income (dollars)	**11,409**	**11,899**	**12,086**	**12,527**	**12,811**	**12,824**	**10,987**	**10,878**	**10,695**	**11,180**	**11,579**	**11,443**
Derivation of total personal income:												
Total earnings by place of work	3,549,536	3,607,631	3,629,579	3,660,457	3,602,839	3,444,496	1,851,666	1,520,938	1,307,421	1,370,506	1,317,502	1,295,478
Less: Personal contributions for social insurance[3]	179,074	184,951	189,304	192,678	199,833	193,682	108,302	94,046	81,381	88,280	88,800	88,763
Plus: Adjustment for residence	−99,955	−94,936	−98,639	−95,121	−83,563	−64,206	−115,916	42,855	150,681	164,111	224,795	163,187
Equals: Net earnings by place of residence	3,270,507	3,327,744	3,341,636	3,372,658	3,319,443	3,186,608	1,627,448	1,469,747	1,376,721	1,446,337	1,453,497	1,369,902
Plus: Dividends, interest, and rent[5]	595,075	670,454	678,197	760,159	833,379	862,805	266,083	299,592	312,135	330,667	346,081	362,571
Plus: Transfer payments	475,997	555,913	643,121	669,283	712,114	769,690	331,529	433,299	459,719	438,360	458,063	478,514
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,872,614	2,929,426	2,897,538	2,922,392	2,869,050	2,718,767	1,508,316	1,234,713	1,052,842	1,101,657	1,054,187	1,030,677
Other labor income	458,604	467,965	471,350	442,748	410,526	378,539	244,645	191,624	153,018	152,525	138,821	128,517
Proprietors' income[6]	218,318	210,240	260,691	295,317	323,263	347,190	98,705	94,601	101,561	116,324	124,494	136,284
Farm	966	2,424	3,055	3,852	2,146	2,648	4,940	4,343	3,214	5,375	5,081	5,275
Nonfarm	217,352	207,816	257,636	291,465	321,117	344,542	93,765	90,258	98,347	110,949	119,413	131,009
Earnings by industry:												
Farm	2,919	4,458	5,020	5,793	4,109	4,618	5,664	5,109	3,945	6,093	5,811	6,004
Nonfarm	3,546,617	3,603,173	3,624,559	3,654,664	3,598,730	3,439,878	1,846,002	1,515,829	1,303,476	1,364,413	1,311,691	1,289,474
Private	3,230,153	3,253,018	3,246,520	3,259,058	3,180,752	3,016,116	1,740,690	1,407,300	1,185,186	1,232,401	1,172,526	1,144,878
Agricultural services, forestry, fisheries, and other[7]	11,461	11,147	14,037	13,057	14,407	15,466	1,541	1,440	2,002	2,424	2,135	2,635
Agricultural services	6,544*	7,724	8,115	7,573*	7,122*	6,671*	1,480	1,456	1,826	2,131	1,912	2,364
Forestry, fisheries, and other[7]	(D)	3,423	5,922	(D)	(D)	(D)	61	(L)	176	293	223	271
Mining	85,885	96,449	91,760	92,797	93,906	80,196	3,547	3,502	2,315	2,554	3,775	3,116
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	576	465	311	273	300	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,494	2,632	1,711	1,859	2,996	3,026
Metal mining	0	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	477	405	293	422	479	(D)
Construction	359,272	360,222	348,516	313,984	288,409	245,355	100,669	106,571	108,300	122,186	132,295	169,607
Manufacturing	1,367,091	1,297,704	1,252,648	1,240,658	1,171,171	1,062,963	1,142,451	785,506	549,196	551,477	461,725	357,434
Nondurable goods	1,002,895	996,874	1,038,212	1,006,814	961,807	889,286	66,508	66,896	66,966	60,490	61,496	54,417
Food and kindred products	16,577*	16,409*	17,255*	15,955*	13,409*	9,921*	12,128	11,730	11,573	12,220	11,284	9,944
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	92	93	140	(D)	(D)	(D)	(D)	700	745	706	696	740
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,331	(D)	(D)	(D)	(D)	(D)
Printing and publishing	11,411*	12,689*	13,997*	14,673*	14,738*	14,580*	6,811	6,960	7,322	7,616	8,488	9,234
Chemicals and allied products	326,458*	355,197*	372,099*	377,216*	383,712*	377,123*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	613,688	579,149	597,644	558,809	509,853	442,920	7,448	7,371	7,400	7,032	5,588	4,583
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	8,682	8,648	9,978	11,231	(D)	(D)	(D)	3,290	3,356	3,904	4,751	4,260
Leather and leather products	(D)	(D)	(D)	0	0	0	0	0	0	0	0	0
Durable goods	364,196	300,830	214,436	233,844	209,364	173,677	1,075,943	718,610	482,230	490,987	400,229	303,017
Lumber and wood products	(D)	(D)	(D)	27,392	28,454	31,054	219	186	179	171	207	240
Furniture and fixtures	1,133	1,032	1,026	1,193	1,071	1,065	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	38,618	(D)	(D)	848,742	546,069	340,873	361,837	277,112	179,947
Fabricated metal products	78,563*	56,631*	44,090*	47,936	44,634	34,515*	76,425	51,985	35,998	27,753	25,591	26,928
Machinery, except electrical	55,699	47,762	27,738	27,952*	27,382*	20,902	25,504	21,344	7,266	5,010	4,201	4,336
Electric and electronic equipment	13,251*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	134,992	103,284	46,954	(D)	(D)	24,027	(D)	(D)	(D)	948	944	1,106
Motor vehicles and equipment	706	678	698	682	572	(D)	(D)	(D)	(D)	(D)	(D)	0
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	36,115	35,074	39,558	39,794	37,500	39,116
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,026	2,081	2,450	2,873	2,114	1,883	(D)	(D)	(D)	(L)	(L)	(L)
Transportation and public utilities	343,790	361,856	358,497	350,495	338,298	329,129	147,141	153,893	152,401	166,057	168,047	184,324
Railroad transportation	(D)	30,957	38,521	42,516	(D)	(D)	48,567	39,495	32,576	34,552	33,859	32,391
Trucking and warehousing	46,476	44,025	37,670	40,145	40,691	40,584	25,436	23,624	21,678	25,673	27,280	29,241
Water transportation	122,243*	111,512*	93,654*	79,821*	70,330*	70,792	1,817	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	16,594	15,747*	17,590*	(D)	(D)	16,722	6,487	(D)	(D)	(D)	(D)	(D)
Communication	(D)	62,121*	63,763*	64,452	64,930	60,794	9,472	10,216	10,257	9,267	8,419	7,885
Electric, gas, and sanitary services	(D)	92,865	102,659	107,420	(D)	(D)	55,362	72,401	79,424	86,446	89,291	104,057
Wholesale trade	157,383	157,980	145,578	144,564	141,165	139,928	24,887	22,684	21,613	24,792	28,235	29,963
Retail trade	325,532	340,061	360,829	369,455	361,016	351,528	122,414	121,255	122,078	121,350	117,845	121,185
Finance, insurance, and real estate	93,131	92,309	106,180	115,581	125,683	130,323	30,126	28,433	34,246	30,640	30,103	34,005
Banking and credit agencies	41,167*	45,237*	48,941*	54,001*	59,389*	60,350*	15,127	16,962	19,976	16,885	17,016	17,681
Other finance, insurance, and real estate[9]	47,188*	42,712*	51,710*	56,499*	60,694*	62,899*	14,999	11,471	14,270	13,755	13,087	16,324
Services	486,608	535,290	568,475	618,467	646,697	661,228	167,914	184,016	193,035	210,921	228,366	242,609
Hotels and other lodging places	10,949*	10,288	10,421	11,522*	13,571*	14,885*	1,421	1,251	1,361	1,447	1,544	1,577
Personal services	24,043	26,347	29,413	28,863	32,734	33,251	11,108	12,105	12,926	13,330	16,343	17,650
Private households	11,519	12,769	13,606	15,295	15,570	16,215	2,033	2,165	2,248	2,479	2,474	2,535
Business services	75,057	85,794	86,998	93,823	100,910	103,543	17,474	18,460	17,993	22,464	21,974	24,490
Auto repair, services, and garages	26,055	25,446	26,845	29,472	28,509	28,050	11,800	8,563	10,101	10,799	10,665	10,944
Miscellaneous repair services	14,178	16,571	17,328	19,172	18,583	15,401	2,798	3,389	4,298	5,830	5,351	5,625
Amusement and recreation services	3,880	(D)	(D)	(D)	(D)	5,101	2,186	2,001	2,206	2,401	2,834	3,013
Motion pictures	(D)	(D)	(D)	(D)	(D)	991*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	197,344	232,482	253,408	265,371	267,341	274,313	70,163	84,337	90,033	97,179	105,119	109,524
Legal services	37,864	43,641	51,153	63,093	71,276	78,461	4,935	5,177	5,736	6,681	7,479	7,697
Educational services	3,711	4,532	4,907	5,743	5,667	6,260	7,981	7,698	8,074	8,242	8,583	9,394
Social services	7,434	8,063	8,198	9,021	9,483	9,590	5,543	6,524	7,042	8,016	9,098	9,542
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	21,092	23,333	24,564	24,207	24,087	24,082	11,773	12,844	13,267	13,630	13,654	13,379
Miscellaneous services	51,423	39,870	34,845	45,072	50,615	49,741	(D)	19,244	17,547	18,114	22,874	26,774
Government and government enterprises	316,464	350,155	378,039	395,606	417,978	423,762	105,312	108,529	118,290	132,012	139,165	144,596
Federal, civilian	32,460	33,238	35,038	37,051	39,440	39,837	10,421	10,748	10,969	11,491	12,253	12,019
Military	7,615	9,299	9,642	9,345	9,844	10,420	4,556	4,466	5,699	4,862	5,146	5,536
State and local	276,389	307,618	333,359	349,210	368,694	373,505	90,335	93,315	101,622	115,659	121,766	127,041

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Bellingham, WA (MSA)						Benton Harbor, MI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,052,231**	**1,083,973**	**1,171,411**	**1,254,475**	**1,349,448**	**1,456,427**	**1,646,420**	**1,671,944**	**1,737,377**	**1,871,515**	**1,968,476**	**2,089,718**
Nonfarm personal income	1,019,352	1,052,972	1,140,946	1,221,015	1,308,304	1,402,315	1,628,282	1,654,809	1,726,733	1,858,739	1,946,729	2,070,470
Farm income[1]	32,879	31,001	30,465	33,460	41,144	54,112	18,138	17,135	10,644	12,776	21,747	19,248
Population (thousands)[2]	109.0	109.9	110.6	111.6	112.7	113.7	169.0	165.5	163.5	163.0	162.7	163.6
Per capita personal income (dollars)	**9,655**	**9,866**	**10,594**	**11,239**	**11,975**	**12,809**	**9,744**	**10,102**	**10,626**	**11,485**	**12,099**	**12,773**
Derivation of total personal income:												
Total earnings by place of work	726,993	737,181	791,452	841,934	909,091	993,637	1,146,070	1,129,324	1,162,178	1,249,643	1,326,076	1,441,139
Less: Personal contributions for social insurance[3]	37,283	39,827	43,406	45,960	51,442	55,907	68,791	72,497	72,643	79,366	87,681	96,483
Plus: Adjustment for residence	−853	1,208	−562	−486	−316	−485	4,452	12,287	18,932	38,113	43,812	23,425
Equals: Net earnings by place of residence	688,857	698,562	747,484	795,488	857,333	937,245	1,081,731	1,069,114	1,108,467	1,208,390	1,282,207	1,368,081
Plus: Dividends, interest, and rent[5]	195,232	198,574	221,684	243,369	259,136	274,404	268,164	279,689	286,557	319,045	327,199	342,844
Plus: Transfer payments	168,142	186,837	202,243	215,618	232,979	244,778	296,525	323,141	342,353	344,080	359,070	378,793
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	556,230	570,818	599,559	642,027	678,285	731,961	934,041	926,462	950,940	1,024,453	1,082,080	1,178,224
Other labor income	58,946	64,204	68,244	69,646	71,276	75,428	115,258	113,522	113,705	118,510	120,771	130,963
Proprietors' income[6]	111,817	102,159	123,649	130,261	159,530	186,248	96,771	89,340	97,533	106,680	123,225	131,952
Farm	24,837	21,347	21,183	24,346	31,921	44,857	6,414	4,663	−1,116	1,268	10,111	7,549
Nonfarm	86,980	80,812	102,466	105,915	127,609	141,391	90,357	84,677	98,649	105,412	113,114	124,403
Earnings by industry:												
Farm	32,879	31,001	30,465	33,460	41,144	54,112	18,138	17,135	10,644	12,776	21,747	19,248
Nonfarm	694,114	706,180	760,987	808,474	867,947	939,525	1,127,932	1,112,189	1,151,534	1,236,867	1,304,329	1,421,891
Private	586,264	593,831	644,206	677,307	725,918	791,846	998,731	981,165	1,016,277	1,099,862	1,156,160	1,257,839
Agricultural services, forestry, fisheries, and other[7]	15,922	12,095	22,387	16,364	35,022	38,136	3,111	3,498	4,006	4,292	4,388	5,259
Agricultural services	4,562	4,487	4,869	4,625	4,599	4,663	3,054	3,504	3,862	4,162	4,219	4,775
Forestry, fisheries, and other[7]	11,360	7,608	17,518	11,739	30,423	33,473	57	(L)	144	130	169	484
Mining	4,552	3,696	3,669	3,512	4,190	3,861	5,490	4,452	3,910	4,449	5,369	6,221
Coal mining	64	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	2,025	2,054	3,450	2,741	2,301	2,472	3,474	3,513
Metal mining	(D)	(D)	(D)	(D)	0	(D)	(L)	(L)	(L)	(L)	(L)	88
Nonmetallic minerals, except fuels	2,454	2,117	2,445	2,116	2,159	1,787	2,042	1,751	1,613	2,000	1,865	2,618
Construction	60,628	58,767	66,814	70,544	72,317	86,959	57,974	59,007	55,162	47,344	45,948	50,745
Manufacturing	192,990	197,687	201,136	211,926	215,616	218,162	510,035	490,736	500,808	549,312	563,385	610,989
Nondurable goods	101,249	105,028	108,303	109,417	116,550	121,311	81,627	82,516	86,721	90,493	96,986	105,112
Food and kindred products	21,989	21,316	18,090	19,785	22,876	23,765	10,874	10,141	10,675	12,763	14,250	16,333
Textile mill products	1,277	1,362	1,938	1,244	1,767	2,821	0	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	660	776	839	798	197	169	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	36,685	19,611	17,808	18,650	17,232	18,811	17,897
Printing and publishing	4,113	4,799	5,007	5,344	6,883	7,741	26,125	29,495	29,383	27,710	29,213	30,951
Chemicals and allied products	(D)	(D)	(D)	(D)	4,379	(D)	2,755	2,979	2,598	2,890	2,783	2,854
Petroleum and coal products	34,861	38,555	40,717	41,221	40,784	42,160	(D)	(L)	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)	21,827	22,048	25,377	29,862	31,833	36,911
Leather and leather products	0	0	0	0	0	(D)	0	0	0	0	0	0
Durable goods	91,741	92,659	92,833	102,509	99,066	96,851	428,408	408,220	414,087	458,819	466,399	505,877
Lumber and wood products	14,819	12,922	15,737	17,019	18,392	21,267	4,540	3,842	4,571	5,129	5,632	6,545
Furniture and fixtures	(D)	52	143	434	441	(D)	(D)	2,381	2,091	2,244	2,735	4,196
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	81,252	71,365	62,453	73,615	73,278	76,025
Fabricated metal products	4,612	6,654	3,297	3,352	2,810	2,485	31,091	28,848	30,284	34,041	31,814	45,188
Machinery, except electrical	1,401	1,697	2,201	2,795	3,340	3,614	114,459	105,887	107,921	119,059	120,615	112,569
Electric and electronic equipment	2,111	2,379	3,035	3,794	6,489	6,689	115,728	124,462	131,917	146,206	155,361	178,509
Transportation equip. exc. motor vehicles	10,154	8,846	7,778	(D)	(D)	5,821	4,630	5,854	6,368	6,822	6,413	7,371
Motor vehicles and equipment	0	0	0	0	(D)	0	59,280	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	8,845	8,302	7,472	8,132	6,079	3,033	1,479	1,418	1,327	1,261	1,325	1,447
Instruments and related products	(D)	(D)	(D)	(D)	867	1,486	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	719	(D)	1,419	1,274	1,136	2,068	2,756	3,025
Transportation and public utilities	43,648	44,369	46,960	51,913	52,739	54,039	62,135	67,239	69,007	76,982	84,533	89,019
Railroad transportation	2,533	3,218	4,032	4,010	3,333	3,161	3,572	(D)	(D)	4,087	4,338	4,023
Trucking and warehousing	12,720	12,744	13,617	17,840	18,864	20,428	21,378	21,282	20,561	25,413	25,624	26,650
Water transportation	3,855	3,544	4,601	4,516	3,956	3,121	(D)	554	622	646	316	538
Other transportation[8]	3,989	4,415	4,665	6,153	6,888	6,871	2,713	3,467	6,613	(D)	(D)	(D)
Communication	11,463	11,090	10,542	9,817	9,651	9,613	(D)	9,252	8,061	6,236	6,265	7,023
Electric, gas, and sanitary services	9,088	9,358	9,503	9,577	10,047	10,845	24,506	(D)	(D)	(D)	(D)	(D)
Wholesale trade	26,804	27,041	27,175	32,975	36,063	39,394	48,391	43,892	43,252	51,762	52,251	57,176
Retail trade	92,114	95,385	109,827	110,716	113,252	122,683	102,912	100,561	109,260	112,311	119,155	130,198
Finance, insurance, and real estate	25,475	24,266	25,979	28,329	31,097	38,271	34,491	30,810	36,817	39,757	44,922	52,478
Banking and credit agencies	12,613	13,357	13,906	14,804	16,130	18,304	22,688	22,941	26,125	29,887	34,558	37,690
Other finance, insurance, and real estate[9]	12,862	10,909	12,073	13,525	14,967	19,967	11,803	7,869	10,692	9,870	10,364	14,788
Services	124,131	130,525	140,259	151,028	165,622	190,341	174,192	180,970	194,055	213,653	236,209	255,754
Hotels and other lodging places	2,711	2,614	3,105	3,107	3,802	4,824	4,331	4,290	4,028	(D)	4,628	4,604
Personal services	7,848	8,207	8,702	9,366	10,799	11,435	11,057	12,186	11,918	12,237	14,438	15,468
Private households	2,718	2,930	3,057	3,418	3,464	3,590	3,538	3,731	3,839	4,248	4,260	4,384
Business services	12,557	14,732	15,389	18,169	21,783	24,722	19,061	22,349	26,637	35,483	43,927	48,181
Auto repair, services, and garages	7,648	7,323	7,243	9,118	9,440	10,593	10,821	9,501	9,942	13,489	14,817	14,942
Miscellaneous repair services	4,603	5,350	7,652	7,142	6,207	7,054	3,657	4,212	5,188	4,130	4,190	3,380
Amusement and recreation services	3,067	3,423	4,231	4,764	4,904	6,296	3,495	3,521	3,792	4,201	4,487	4,406
Motion pictures	978	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	155	124
Health services	46,661	52,198	53,239	52,742	58,879	69,796	62,106	67,033	72,546	75,791	79,777	88,299
Legal services	5,454	6,225	6,571	7,737	8,575	10,002	7,864	8,686	9,173	9,834	11,346	12,165
Educational services	2,081	2,248	2,321	2,589	2,704	3,078	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,409	4,603	5,861	6,066	6,903	9,002	3,102	3,576	3,655	3,688	3,490	3,683
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	(D)	(D)
Membership organizations	10,972	10,341	11,715	12,805	12,897	13,589	10,707	10,794	11,148	11,398	11,724	12,057
Miscellaneous services	12,424	9,287	10,361	13,266	14,427	15,541	16,920	14,530	14,897	17,355	20,881	22,641
Government and government enterprises	107,850	112,349	116,781	131,167	142,029	147,679	129,201	131,024	135,257	137,005	148,169	164,052
Federal, civilian	9,770	10,276	10,448	16,718	19,143	19,774	10,333	10,341	10,919	11,244	11,887	11,551
Military	2,079	2,524	2,831	3,087	3,314	3,813	1,610	1,847	2,067	2,091	2,376	2,871
State and local	96,001	99,549	103,502	111,362	119,572	124,092	117,258	118,836	122,271	123,670	133,906	149,630

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Bergen—Passaic, NJ (PMSA)						Billings, MT (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**18,923,423**	**20,459,002**	**21,949,973**	**24,086,455**	**25,865,330**	**27,925,899**	**1,227,563**	**1,330,676**	**1,411,374**	**1,499,012**	**1,534,526**	**1,563,972**
Nonfarm personal income	18,918,216	20,452,468	21,939,696	24,077,161	25,854,619	27,914,923	1,225,450	1,327,788	1,407,164	1,493,658	1,530,278	1,549,982
Farm income[1]	5,207	6,534	10,277	9,294	10,711	10,976	2,113	2,888	4,210	5,354	4,248	13,990
Population (thousands)[2]	1,296.8	1,295.7	1,298.3	1,300.7	1,299.5	1,297.8	110.5	113.5	116.8	119.1	120.5	120.1
Per capita personal income (dollars)	**14,593**	**15,790**	**16,907**	**18,518**	**19,904**	**21,518**	**11,110**	**11,719**	**12,085**	**12,584**	**12,735**	**13,019**
Derivation of total personal income:												
Total earnings by place of work	12,091,030	12,880,287	14,113,304	15,610,929	16,875,961	18,451,361	928,513	994,033	1,056,145	1,118,312	1,135,086	1,140,455
Less: Personal contributions for social insurance[3]	733,546	792,782	867,244	968,498	1,096,512	1,208,936	58,438	65,526	69,318	74,449	79,407	80,037
Plus: Adjustment for residence	1,711,764	2,008,063	1,862,780	1,907,195	2,036,131	2,166,183	−3,662	−1,630	−5,709	−10,409	−11,487	−9,035
Equals: Net earnings by place of residence	13,069,248	14,095,568	15,108,840	16,549,626	17,815,580	19,408,608	866,413	926,877	981,118	1,033,454	1,044,192	1,051,383
Plus: Dividends, interest, and rent[5]	3,872,984	4,182,943	4,498,075	5,151,956	5,475,722	5,839,167	215,844	239,294	248,398	271,870	283,324	292,809
Plus: Transfer payments	1,981,191	2,180,491	2,343,058	2,384,873	2,574,028	2,678,124	145,306	164,505	181,858	193,688	207,010	219,780
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,884,292	10,560,019	11,519,859	12,797,633	13,806,730	15,041,041	760,945	816,844	862,355	907,786	915,601	904,205
Other labor income	1,020,638	1,126,792	1,222,307	1,273,282	1,320,219	1,412,503	70,473	83,348	89,409	89,786	89,987	88,231
Proprietors' income[6]	1,186,100	1,193,476	1,371,138	1,540,014	1,749,012	1,997,817	97,095	93,841	104,381	120,740	129,498	148,019
Farm	3,141	4,411	8,225	7,276	8,684	8,947	−2,312	−1,609	−177	988	−188	9,503
Nonfarm	1,182,959	1,189,065	1,362,913	1,532,738	1,740,328	1,988,870	99,407	95,450	104,558	119,752	129,686	138,516
Earnings by industry:												
Farm	5,207	6,534	10,277	9,294	10,711	10,976	2,113	2,888	4,210	5,354	4,248	13,990
Nonfarm	12,085,823	12,873,753	14,103,027	15,601,635	16,865,250	18,440,385	926,400	991,145	1,051,935	1,112,958	1,130,838	1,126,465
Private	10,981,647	11,689,015	12,830,908	14,231,752	15,414,457	16,856,510	813,498	868,688	918,108	970,104	985,410	970,664
Agricultural services, forestry, fisheries, and other[7]	35,343	40,644	48,044	52,230	58,703	67,224	4,926	5,446	6,494	6,187	4,869	4,837
Agricultural services	35,127	40,570	47,401	51,767	58,139	66,555	4,836	5,431	6,279	6,078	4,722	4,669
Forestry, fisheries, and other[7]	216	74	643	463	564	669	90	(L)	215	109	147	168
Mining	63,665	49,599	43,268	48,575	71,230	73,321	26,836	30,128	29,758	36,241	31,638	26,508
Coal mining	(D)	133	165	157	166	176	(D)	3,711	4,687	(D)	(D)	(D)
Oil and gas extraction	59,031	47,395	39,575	(D)	(D)	65,941	22,473	24,235	20,826	27,594	23,996	22,007
Metal mining	−114	−1,166	−142	−583	751	2,330	(D)	(D)	(D)	(L)	(L)	71
Nonmetallic minerals, except fuels	(D)	3,237	3,670	(D)	(D)	4,874	(D)	(D)	(D)	(D)	(D)	(D)
Construction	607,289	657,153	738,970	902,846	1,018,955	1,183,145	71,635	77,807	86,592	87,968	93,834	90,684
Manufacturing	3,822,016	3,920,125	4,216,393	4,461,562	4,657,742	4,816,927	104,779	106,418	105,575	99,516	95,580	97,023
Nondurable goods	2,051,795	2,110,237	2,263,105	2,432,717	2,515,725	2,559,201	79,159	81,275	81,296	74,679	72,584	75,224
Food and kindred products	(D)	303,314	327,011	321,977	320,297	333,694	33,497	29,530	27,748	23,073	18,275	22,584
Textile mill products	194,656	179,107	191,367	196,881	198,547	192,220	0	0	0	0	122	(L)
Apparel and other textile products	189,061	179,879	191,484	192,993	193,042	214,468	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	215,190	219,293	230,784	259,675	271,471	275,726	332	(D)	(D)	(D)	0	0
Printing and publishing	337,162	375,325	410,703	485,421	518,146	535,199	8,844	9,952	10,394	11,406	11,785	11,757
Chemicals and allied products	613,993	637,792	665,324	720,909	772,775	790,674	(D)	(D)	(D)	(D)	2,954	3,242
Petroleum and coal products	(D)	9,181	14,915	15,421*	14,881	15,753	33,937	38,862	40,241	36,734	38,764	36,933
Tobacco manufactures	(D)	204	434	516	463	492	(L)	(L)	(L)	(D)	(D)	(L)
Rubber and misc. plastic products	168,949	179,190	206,979	216,960	201,448	176,189	(D)	369	500	655	(D)	(D)
Leather and leather products	(D)	26,952	24,104	(D)	24,655	24,786	284	68	54	(D)	(D)	(D)
Durable goods	1,770,221	1,809,888	1,953,288	2,028,845	2,142,017	2,257,726	25,620	25,143	24,279	24,837	22,996	21,799
Lumber and wood products	24,466	(D)	(D)	24,137	27,355	27,530	6,241	4,824	5,188	3,393	2,593	2,480
Furniture and fixtures	39,900	43,051	49,632	57,495	60,990	65,984	87	76	180	318	275	281
Primary metal industries	88,695	86,040	83,069	75,261	74,419	73,798	0	0	0	(D)	(D)	(D)
Fabricated metal products	263,122	257,895	268,434	289,395	290,617	313,301	7,468	7,211	6,359	7,192	5,896	5,051
Machinery, except electrical	469,825	449,535	467,711	468,830	491,660	487,982	2,649	3,180	2,900	3,241	3,378	3,393
Electric and electronic equipment	403,995	448,653	524,339	562,897	618,789	674,189	(L)	(D)	(D)	432	(D)	74
Transportation equip. exc. motor vehicles	45,035	(D)	(D)	23,370	22,713	16,927	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	29,228	21,340*	21,184*	26,665	29,911	32,007	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	45,791	46,936	51,762	50,604	59,347	61,838	4,094	5,250	5,474	5,469	4,956	5,240
Instruments and related products	271,025	295,545	319,377	343,362	364,415	392,159	263	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	89,139	92,787	107,625	106,829	101,801	112,011	2,131	2,170	2,276	2,452	3,238	3,214
Transportation and public utilities	696,944	765,008	812,629	905,457	952,932	945,893	116,949	126,753	128,256	138,477	139,517	135,006
Railroad transportation	6,540	3,505	661	1,024	801	1,775	31,146	31,144	31,982	35,644	33,097	29,845
Trucking and warehousing	237,556	259,038	272,484	317,858	343,433	317,261	41,573	43,889	44,167	50,522	52,824	50,569
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	15,545	16,394	16,169	16,530	17,088	18,762
Communication	216,058	243,986	263,598	274,008	251,368	253,138	18,917	23,797	23,660	23,329	22,851	21,862
Electric, gas, and sanitary services	(D)	(D)	(D)	94,172	112,296	118,786	9,768	11,529	12,278	12,452	13,657	13,968
Wholesale trade	1,568,616	1,727,553	1,858,774	2,190,141	2,302,375	2,527,047	125,643	127,028	132,617	143,148	141,059	128,424
Retail trade	1,203,159	1,275,996	1,432,395	1,538,067	1,672,387	1,856,045	121,940	131,407	139,889	145,765	145,545	143,614
Finance, insurance, and real estate	663,640	697,373	795,204	876,739	995,799	1,234,727	47,229	48,427	54,549	57,090	61,642	65,964
Banking and credit agencies	193,563	210,423	233,195	260,408	296,604	364,527	19,140	21,089	22,476	25,109	27,601	29,389
Other finance, insurance, and real estate[9]	470,077	486,950	562,009	616,331	699,195	870,200	28,089	27,338	32,073	31,981	34,041	36,575
Services	2,320,975	2,555,564	2,885,231	3,256,135	3,684,334	4,152,181	193,561	215,274	234,378	255,712	271,726	278,604
Hotels and other lodging places	32,637	(D)	(D)	(D)	(D)	(D)	9,370	8,584	9,691	9,332	9,011	9,263
Personal services	99,956	108,027	119,552	128,348	153,077	165,185	10,184	11,216	11,717	12,723	15,276	15,806
Private households	30,286	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Business services	662,761	763,456	940,889	1,121,531	1,318,852	1,518,555	27,170	30,472	32,265	39,585	40,879	41,741
Auto repair, services, and garages	88,446	86,086	93,503	108,696	120,075	134,370	9,851	10,030	11,169	12,418	13,425	13,815
Miscellaneous repair services	41,068	46,866	54,352	68,064	71,585	78,502	6,520	6,330	6,926	8,052	6,980	6,841
Amusement and recreation services	51,686	55,765	72,480	87,649	107,571	107,027	3,060	3,151	3,702	4,710	5,016	5,445
Motion pictures	15,325	20,674	21,093	25,236	29,658	32,456	513	526	571	600	627	530
Health services	657,025	747,599	814,677	862,975	948,798	1,061,524	64,756	80,790	91,199	94,813	101,187	103,222
Legal services	121,568	135,721	154,101	185,597	207,111	237,957	13,723	15,645	17,116	20,823	23,054	25,228
Educational services	83,150	(D)	(D)	(D)	(D)	(D)	3,234	3,080	3,101	3,713	3,931	4,277
Social services	(D)	38,925	41,123	44,192	59,207	69,022	8,623	6,767	7,794	8,839	9,281	9,819
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	82,536	86,055	91,394	98,834	105,900	110,809	6,726	7,050	7,416	7,800	7,948	7,705
Miscellaneous services	310,896	311,029	316,880	343,025	377,102	438,414	28,279	29,949	29,798	30,348	33,124	32,878
Government and government enterprises	1,104,176	1,184,738	1,272,119	1,369,883	1,450,793	1,583,875	112,902	122,457	133,827	142,854	145,428	155,801
Federal, civilian	135,396	136,863	147,414	156,423	162,401	174,749	37,989	39,526	42,773	45,412	48,106	48,016
Military	12,317	15,047	20,109	25,845	25,326	28,946	2,166	2,556	3,155	3,418	3,487	3,979
State and local	956,463	1,032,828	1,104,596	1,187,615	1,263,066	1,380,180	72,747	80,375	87,899	94,024	93,835	103,806

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Biloxi—Gulfport, MS (MSA)						Binghamton, NY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,587,910**	**1,715,713**	**1,768,457**	**1,900,925**	**1,941,559**	**2,133,090**	**2,653,736**	**2,869,680**	**3,058,043**	**3,350,944**	**3,502,538**	**3,715,298**
Nonfarm personal income	1,584,645	1,711,841	1,765,111	1,896,566	1,937,949	2,129,636	2,643,484	2,853,388	3,048,541	3,337,701	3,488,730	3,695,105
Farm income[1]	3,265	3,872	3,346	4,359	3,610	3,454	10,252	16,292	9,502	13,243	13,808	20,193
Population (thousands)[2]	186.5	191.6	195.3	197.0	201.1	204.1	263.3	262.9	262.1	261.2	262.4	261.8
Per capita personal income (dollars)	**8,516**	**8,953**	**9,054**	**9,652**	**9,653**	**10,449**	**10,079**	**10,917**	**11,669**	**12,829**	**13,349**	**14,191**
Derivation of total personal income:												
Total earnings by place of work	1,191,784	1,283,921	1,327,107	1,435,213	1,538,007	1,617,658	2,032,477	2,196,114	2,316,873	2,543,759	2,719,708	2,831,363
Less: Personal contributions for social insurance[3]	62,635	70,422	72,294	79,016	87,261	92,504	127,956	138,703	150,009	166,038	185,212	193,516
Plus: Adjustment for residence	−13,133	−18,314	−49,126	−50,846	−72,274	−82,564	−93,897	−125,807	−120,210	−125,822	−159,084	−115,110
Equals: Net earnings by place of residence	1,116,016	1,195,185	1,205,687	1,305,351	1,378,472	1,442,590	1,810,624	1,931,604	2,046,654	2,251,899	2,375,412	2,522,737
Plus: Dividends, interest, and rent[4]	186,895	206,301	214,986	237,008	169,043	276,632	398,696	442,495	480,944	542,942	542,439	580,926
Plus: Transfer payments	284,999	314,227	347,784	358,566	394,044	413,868	444,416	495,581	530,445	556,103	584,687	611,635
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,009,588	1,100,948	1,128,984	1,215,252	1,296,384	1,359,097	1,713,064	1,853,004	1,950,339	2,145,544	2,295,782	2,372,440
Other labor income	69,084	82,072	86,020	92,603	96,497	100,105	184,132	207,057	215,616	226,500	234,031	238,491
Proprietors' income[6]	113,112	100,901	112,103	127,358	145,126	158,456	135,281	136,053	150,918	171,715	189,895	220,432
Farm	2,820	3,278	2,771	3,790	3,037	2,879	6,896	12,606	5,979	9,792	10,309	16,683
Nonfarm	110,292	97,623	109,332	123,568	142,089	155,577	128,385	123,447	144,939	161,923	179,586	203,749
Earnings by industry:												
Farm	3,265	3,872	3,346	4,359	3,610	3,454	10,252	16,292	9,502	13,243	13,808	20,193
Nonfarm	1,188,519	1,280,049	1,323,761	1,430,854	1,534,397	1,614,204	2,022,225	2,179,822	2,307,371	2,530,516	2,705,900	2,811,170
Private	698,761	749,481	780,485	858,674	930,643	986,417	1,742,030	1,889,238	1,990,681	2,180,323	2,334,527	2,413,899
Agricultural services, forestry, fisheries, and other[7]	2,527	2,132	3,689	2,631	6,186	6,455	3,379	5,683	7,058	7,819	8,055	8,320
Agricultural services	1,060*	1,235	1,407	1,541	(D)	1,794	3,287	5,712	6,744	7,570	7,916	8,140
Forestry, fisheries, and other[7]	(D)	897	2,282	1,090	3,806*	4,661	92	(L)	314	249	139	180
Mining	6,313	5,971	3,758	3,995	4,167	4,404	7,507	6,281	5,673	6,554	8,667	8,913
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	5,967	3,727	3,939	(D)	(D)	(D)	5,491*	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(L)	(L)	54	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	59,473	62,432	64,491	76,455	80,163	93,625	91,582	106,368	117,873	137,149	155,129	163,144
Manufacturing	144,775	162,708	161,416	178,823	191,681	189,248	935,173	1,014,206	1,048,022	1,141,561	1,183,452	1,199,031
Nondurable goods	51,413	55,612	61,199	63,949	68,054	70,277*	113,311	111,704	112,964	122,403	121,535	123,121
Food and kindred products	15,432	17,436	17,368	17,025	18,144*	20,319*	25,442	24,859*	25,373*	27,920	23,887	25,276
Textile mill products	(D)	243	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	8,418	9,250	9,964	9,146	9,584	9,359	(D)	(D)	5,432*	6,117*	6,314*	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	6,467	5,154	5,379	(D)	(D)	6,396
Printing and publishing	5,783*	6,541*	7,134*	8,156*	9,597*	10,330*	26,409*	26,718*	28,878*	31,296*	33,403	35,555
Chemicals and allied products	19,886	20,290*	23,524*	26,325*	26,741*	27,568*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	790	500	801	584	495	299	4,853*	5,328*	6,500*	6,681*	6,814*	4,002*
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)	9,440*
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	93,362	107,096	100,217	114,874	123,627	(D)	821,862	902,502	935,058	1,019,158	1,061,917	1,075,910
Lumber and wood products	1,908	2,252*	5,155*	6,335*	6,068*	6,060*	3,221	3,296	3,676	4,183	3,774	3,775
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	12,567	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	10,442	17,268	20,418	(D)	(D)	(D)	28,979	26,141	25,218	28,777*	20,677*	17,793*
Machinery, except electrical	26,151*	18,236*	16,635*	18,212*	19,485*	9,565*	(D)	(D)	(D)	498,148	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	19,798	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	785	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	(D)	(D)	12,752*	14,478*	14,159*	16,599*	3,891	3,794*	4,282*	4,684	4,793	5,410
Instruments and related products	351	364	406	416	537	(D)	89,705	99,835	105,214	114,952	116,159	123,764
Miscellaneous manufacturing industries	(D)	235	231	249*	301*	408*	(D)	1,031*	1,169*	1,396*	1,494*	(D)
Transportation and public utilities	80,605	88,068	94,096	102,432	106,119	110,103	115,674	127,863	124,145	128,915	134,814	138,880
Railroad transportation	1,064	1,618	2,112	2,647	2,823	2,536	7,819	7,185	7,032	7,017	6,092	6,196
Trucking and warehousing	13,504*	(D)	(D)	(D)	(D)	(D)	25,351*	26,555	25,828	29,886	31,182	32,443
Water transportation	(D)	10,778*	9,787*	11,290*	9,866*	9,677*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,704*	3,484*	4,038*	4,211*	4,250	5,207	(D)	(D)	(D)	(D)	(D)	(D)
Communication	24,761	27,125	27,642	26,171	26,193*	25,484	26,778	33,119*	(D)	26,162*	27,314*	27,198*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	47,326	47,432	45,296	48,179	55,158	56,454	86,919	92,692	99,775	105,835	138,337	141,735
Retail trade	129,358	139,498	148,415	163,557	170,471	179,211	154,247	159,927	177,587	192,891	210,045	226,993
Finance, insurance, and real estate	44,185	43,992	50,495	52,941	59,501	69,978	59,921	55,150	63,883	66,962	74,729	86,631
Banking and credit agencies	19,855*	22,860	24,342	26,574	29,359	33,299	19,357*	20,669*	23,180*	26,172*	26,296*	26,841*
Other finance, insurance, and real estate[9]	21,352*	21,132	26,153	26,367	30,142	36,679	36,937*	31,473*	37,305*	37,786*	45,186*	55,501*
Services	184,199	197,248	208,829	229,661	257,197	276,939	287,628	321,068	346,665	392,637	421,299	440,252
Hotels and other lodging places	16,097*	17,122*	17,813*	18,078*	17,711*	16,960*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	10,619	11,952	12,458	12,487	14,456	15,849	14,609	16,108	17,892	19,098	22,787	24,506
Private households	6,246	6,723	7,006	7,803	7,321*	8,065	(D)	6,369	6,631	7,354	7,368	7,546
Business services	32,602	34,270	38,310	41,347	48,970	53,944	30,738	31,360	39,226	52,004	53,749	59,576
Auto repair, services, and garages	8,399	8,326	9,090	10,939	11,961	12,708	10,911	11,455	12,418	14,562	13,900	14,681
Miscellaneous repair services	2,988	3,381	4,127	5,204	4,879	5,006	2,917	(D)	(D)	4,728	4,400	4,733
Amusement and recreation services	(D)	(D)	(D)	4,561	5,384	5,080	5,598	5,378	5,513	5,947	6,777	6,905
Motion pictures	(D)	(D)	(D)	(D)	665	637	334*	(D)	(D)	(D)	(D)	446*
Health services	45,660	53,017	54,794	59,483	68,278	74,542	127,762	154,610	165,805	181,298	194,592	198,480
Legal services	12,278	15,461	18,299	22,473	23,627	26,537	17,876	21,570	21,506	24,959	27,359	30,671
Educational services	4,692	5,117	5,164	5,550	6,199	(D)	4,071	4,058	3,952	4,479	4,755	4,896
Social services	4,947*	4,144*	4,993*	6,263	6,596	6,658	14,331	13,429	13,233	16,440	18,508	20,877
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	953*
Membership organizations	6,567	7,461	7,622	7,680	7,711	7,446	17,076	19,630	20,348	20,123	19,531	19,732
Miscellaneous services	27,821	24,269	22,985	26,667	32,549	36,287	27,919	25,401	27,066	31,997	37,884	37,794
Government and government enterprises	489,758	530,568	543,276	572,180	603,754	627,787	280,195	290,584	316,690	350,193	371,373	397,271
Federal, civilian	160,031	168,371	182,052	192,937	209,008	205,956	23,066	23,400	22,608	24,749	26,205	26,391
Military	237,140	264,204	255,975	264,891	268,609	286,480	2,727	2,920	3,130	3,292	3,621	3,711
State and local	92,587	97,993	105,249	114,352	126,137	135,351	254,402	264,264	290,952	322,152	341,547	367,169

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Birmingham, AL (MSA)						Bismarck, ND (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**8,679,946**	**9,112,958**	**9,609,189**	**10,412,400**	**11,230,765**	**11,933,193**	**866,470**	**928,476**	**989,384**	**1,022,006**	**1,053,157**	**1,090,451**
Nonfarm personal income	8,656,981	9,079,033	9,575,931	10,360,818	11,182,035	11,869,942	834,998	910,471	982,549	1,005,687	1,034,105	1,056,330
Farm income[1]	22,965	33,925	33,258	51,582	48,730	63,251	31,472	18,005	6,835	16,319	19,052	34,121
Population (thousands)[2]	888.4	887.0	889.9	896.1	904.5	911.0	81.0	82.0	83.8	85.2	85.7	85.9
Per capita personal income (dollars)	**9,770**	**10,274**	**10,798**	**11,619**	**12,417**	**13,099**	**10,696**	**11,316**	**11,804**	**11,989**	**12,282**	**12,688**
Derivation of total personal income:												
Total earnings by place of work	6,691,640	6,908,536	7,261,732	7,921,850	8,615,347	9,151,446	636,839	666,509	688,928	733,647	762,514	795,024
Less: Personal contributions for social insurance[3]	397,623	426,057	441,530	488,076	551,458	568,133	36,101	40,322	41,714	44,459	48,465	50,195
Plus: Adjustment for residence	−140,268	−125,948	−112,937	−118,573	−138,985	−123,541	24,200	31,074	49,038	28,523	18,975	10,747
Equals: Net earnings by place of residence	6,153,749	6,356,531	6,707,265	7,315,201	7,924,904	8,459,772	624,938	657,261	696,252	717,711	733,024	755,576
Plus: Dividends, interest, and rent[5]	1,140,878	1,236,697	1,265,448	1,405,073	1,532,326	1,626,283	142,215	161,511	169,777	170,263	175,509	180,929
Plus: Transfer payments	1,385,319	1,519,730	1,636,476	1,692,126	1,773,535	1,847,138	99,317	109,704	123,355	134,032	144,624	153,946
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,557,039	5,731,763	5,990,473	6,514,426	7,082,463	7,497,284	498,334	535,043	561,155	589,104	609,535	620,520
Other labor income	613,918	659,318	674,594	702,355	745,314	769,798	41,200	48,475	52,183	51,936	52,684	53,042
Proprietors' income[6]	520,683	517,455	596,665	705,069	787,570	884,364	97,305	82,991	75,590	92,607	100,295	121,462
Farm	17,353	28,122	27,681	46,104	43,154	57,685	28,595	14,898	3,857	13,405	16,094	31,152
Nonfarm	503,330	489,333	568,984	658,965	744,416	826,679	68,710	68,093	71,733	79,202	84,201	90,310
Earnings by industry:												
Farm	22,965	33,925	33,258	51,582	48,730	63,251	31,472	18,005	6,835	16,319	19,052	34,121
Nonfarm	6,668,675	6,874,611	7,228,474	7,870,268	8,566,617	9,088,195	605,367	648,504	682,093	717,328	743,462	760,903
Private	5,804,859	5,941,593	6,222,095	6,804,342	7,398,643	7,845,443	480,015	516,911	545,062	573,222	588,449	599,636
Agricultural services, forestry, fisheries, and other[7]	19,715	21,103	26,370	27,110*	28,108*	(D)	2,638	3,052	3,588	2,994	2,460	2,639
Agricultural services	(D)	18,454	21,813	23,614	25,317*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(D)	2,649	4,557	4,202*	(D)	3,297*	(D)	(D)	(D)	(D)	(D)	(D)
Mining	282,860*	312,822	274,220	286,981*	313,162*	274,426	8,219	7,930	7,653	8,055	8,670	8,293
Coal mining	226,411*	(D)	(D)	(D)	(D)	(D)	4,156	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	16,106*	14,117	12,636	11,626*	17,744*	17,583*	(D)	(D)	(D)	809	1,261	1,494
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	457,302	479,293	501,398	509,687	560,937	605,820	59,339	63,258	61,773	57,327	53,108	56,277
Manufacturing	1,364,115	1,192,388	1,097,635	1,248,996	1,329,848	1,352,915	41,759	43,355	46,444	46,849	47,756	48,782
Nondurable goods	281,232	290,333	312,832	352,046	371,698	405,357	23,720	25,792	28,672	28,950	29,660	30,604
Food and kindred products	94,094*	97,563*	100,837*	111,600*	117,700*	126,791*	(D)	(D)	(D)	10,749	11,089	10,870
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	24,412*	25,689*	28,475*	(D)	(D)	33,796*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	17,126*	19,464*	23,719*	(D)	(D)	25,840*	0	0	0	0	0	0
Printing and publishing	80,230*	79,859*	86,038*	108,987*	121,585*	132,785*	5,190	5,273	5,900	(D)	6,561	6,997
Chemicals and allied products	23,548*	23,250*	23,505*	25,042*	25,714*	27,761	0	0	0	(D)	0	0
Petroleum and coal products	5,653	5,463	6,193	6,882	6,939	7,219	9,349	10,621	12,093	11,886	11,747*	12,434*
Tobacco manufactures	0	198	257	292	283	313	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	0	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,082,883	902,055	784,803	896,950	958,150	947,558	18,039	17,563	17,772	17,899	18,096	18,178
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	1,505	1,263	2,224	(D)	(D)	(D)
Furniture and fixtures	29,509*	29,084*	30,021*	35,575*	38,678*	45,446*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	539,702*	397,644*	295,433*	359,713*	393,162*	376,350*	0	0	0	0	0	0
Fabricated metal products	180,310	173,652*	156,305*	154,545*	160,003*	163,027	2,551	(D)	(D)	974	1,131	(D)
Machinery, except electrical	81,713	76,919	69,196	82,094	92,175	96,582	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	40,483*	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Motor vehicles and equipment	14,896	(D)	(D)	(D)	15,091*	13,407*	0	0	0	0	0	0
Stone, clay, and glass products	73,847	(D)	(D)	(D)	(D)	79,796*	3,946	4,604	4,619	(D)	4,794	4,250
Instruments and related products	5,613*	5,485*	5,385*	5,897*	3,118*	3,459*	0	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	278	(D)	(D)	402	514	570
Transportation and public utilities	784,785	868,900	932,019	980,747	961,141	899,879*	72,500	84,325	87,331	92,116	96,545	91,705
Railroad transportation	81,181	(D)	(D)	(D)	92,663	84,843	10,728	11,097	11,797	13,885	13,684	11,793
Trucking and warehousing	(D)	167,632	168,094	187,543	191,036	197,790	18,024	18,134	17,339	18,970	18,809	18,573
Water transportation	3,226*	(D)	(D)	2,915	3,142	(D)	0	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	28,913*	29,915*	31,929*	31,429*	35,684*	(D)	3,520	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	293,324*	268,904*	14,668	17,053	16,863	16,685	16,643	15,313
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	25,560	34,129	36,875	38,144	42,603	41,351
Wholesale trade	602,725*	624,143	634,159	703,123	783,266	817,319	53,512	54,002	54,218	57,719	56,353	53,869
Retail trade	599,910	618,924	680,774	752,041	797,924	875,834	73,071	75,831	80,458	83,183	85,784	87,354
Finance, insurance, and real estate	436,020	455,099	519,412	564,204	636,806	730,415	29,792	31,761	32,459	34,394	35,538	37,128
Banking and credit agencies	133,784*	143,562*	164,072*	182,940*	217,262*	259,234*	11,087	11,883	12,457	13,218	13,251	13,645
Other finance, insurance, and real estate[9]	295,040*	295,573*	335,098*	359,982*	401,965*	451,861*	18,705	19,878	20,002	21,176	22,287	23,483
Services	1,252,055	1,368,921	1,556,108	1,728,005	1,983,336	2,203,407	139,185	153,397	171,138	190,585	202,235	213,589
Hotels and other lodging places	23,350*	21,042*	23,113*	22,802*	23,653*	30,001*	7,265	7,524	8,225	(D)	(D)	(D)
Personal services	57,224	58,707	63,453	69,386	79,092	85,962	7,903	8,875	9,528	10,180	12,297	12,867
Private households	30,714*	33,587	34,988	38,973	39,281	40,524	(D)	(D)	(D)	(D)	(D)	(D)
Business services	167,987	197,196	221,197	262,321	386,964	469,947	11,270	10,939	11,508	13,996	15,218	16,124
Auto repair, services, and garages	56,422	56,598	63,016	71,979	77,849	84,102	4,199	4,378	4,819	5,460	5,776	6,262
Miscellaneous repair services	30,068	29,845	32,204	38,792	37,740	39,594	1,752	1,771	2,244	2,555	2,474	2,897
Amusement and recreation services	13,308*	15,075*	17,792*	20,804*	23,685*	19,658*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	509,404	580,818	633,380	660,021	702,944	763,624	65,160	76,429	87,783	95,541	99,897	105,573
Legal services	86,351	104,156	123,992	156,384	177,830	203,153	8,442	9,356	10,145	12,648	13,852	15,019
Educational services	30,148	31,220*	33,238*	38,589*	41,912*	45,549*	5,869*	6,456	6,984	7,516	7,995	8,415
Social services	26,860*	26,565*	29,892*	32,841*	34,983*	38,850*	3,616	4,229	5,312	6,361	7,497	8,391
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	52,532*	57,824	58,363	60,975	62,709	63,451	8,260	9,482	10,251	10,834	11,508	12,303
Miscellaneous services	161,823	151,169	215,370	249,033	289,341	312,585	12,093	10,891	11,104	13,159	13,845	14,417
Government and government enterprises	863,816	933,018	1,006,379	1,065,926	1,167,974	1,242,752	125,352	131,593	137,031	144,106	155,013	161,267
Federal, civilian	192,396	208,262	221,695	234,346	242,127	244,360	21,945	22,806	23,809	25,736	27,504	29,386
Military	32,745	43,293	42,913	47,444	54,115	57,996	2,729	3,195	3,559	3,874	4,025	3,634
State and local	638,675	681,463	741,771	784,136	871,732	940,396	100,678	105,592	109,663	114,496	123,484	128,247

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Bloomington, IN (MSA)						Bloomington—Normal, IL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**828,562**	**881,633**	**942,021**	**1,021,048**	**1,074,063**	**1,164,795**	**1,362,119**	**1,422,108**	**1,459,200**	**1,601,834**	**1,703,844**	**1,792,918**
Nonfarm personal income	827,721	880,876	942,824	1,019,759	1,073,743	1,163,711	1,297,218	1,393,076	1,475,000	1,562,264	1,634,883	1,736,618
Farm income[1]	841	757	−803	1,289	320	1,084	64,901	29,032	−15,800	39,570	68,961	56,300
Population (thousands)[2]	100.1	101.3	101.4	101.4	101.5	101.7	120.1	120.7	121.8	122.7	123.1	122.7
Per capita personal income (dollars)	**8,278**	**8,706**	**9,292**	**10,072**	**10,580**	**11,454**	**11,337**	**11,786**	**11,983**	**13,052**	**13,839**	**14,609**
Derivation of total personal income:												
Total earnings by place of work	641,548	675,899	730,358	788,622	841,745	917,088	1,028,254	1,045,982	1,061,667	1,185,460	1,276,620	1,338,824
Less: Personal contributions for social insurance[3]	31,010	33,737	35,573	39,011	43,510	47,561	57,554	62,536	65,096	69,616	76,700	81,832
Plus: Adjustment for residence	−21,306	−19,054	−28,463	−25,000	−35,714	−32,673	6,633	5,323	2,589	5,673	11,497	18,758
Equals: Net earnings by place of residence	589,232	623,108	666,322	724,611	762,521	836,854	977,333	988,769	999,160	1,121,517	1,211,417	1,275,750
Plus: Dividends, interest, and rent[4]	134,664	141,481	150,185	166,568	173,601	181,997	235,031	266,428	278,777	295,261	294,726	309,992
Plus: Transfer payments	104,666	117,044	125,514	129,869	137,941	145,944	149,755	166,911	181,263	185,056	197,701	207,176
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	527,714	556,546	598,623	641,101	683,659	743,967	799,276	844,144	884,166	943,360	994,658	1,052,019
Other labor income	54,120	60,585	65,170	67,796	70,858	76,254	82,506	91,100	95,088	97,323	100,434	104,834
Proprietors' income[5]	59,714	58,768	66,565	79,725	87,228	96,867	146,472	110,738	82,413	144,777	181,528	181,971
Farm	524	420	−1,131	961	(L)	755	59,306	23,069	−21,549	33,930	63,198	50,467
Nonfarm	59,190	58,348	67,696	78,764	87,239	96,112	87,166	87,669	103,962	110,847	118,330	131,504
Earnings by industry:												
Farm	841	757	−803	1,289	320	1,084	64,901	29,032	−15,800	39,570	68,961	56,300
Nonfarm	640,707	675,142	731,161	787,333	841,425	916,004	963,353	1,016,950	1,077,467	1,145,890	1,207,659	1,282,524
Private	449,236	461,910	510,248	560,730	595,073	647,679	825,938	863,428	917,077	975,462	1,027,254	1,089,861
Agricultural services, forestry, fisheries, and other[7]	1,554	1,789	2,338	2,331	2,536	2,895	8,544	8,893	9,487	10,132	10,527	10,414
Agricultural services	1,527	1,761	2,236	2,269	2,456	2,795	8,534	8,894	9,451	10,105	10,500	10,381
Forestry, fisheries, and other[7]	(L)	(L)	102	62	80	100	(L)	(L)	(L)	(L)	(L)	(L)
Mining	5,900	6,047	6,403	7,051	8,788	9,254	2,172	2,089	1,482	1,572	2,427	2,267
Coal mining	176	196	206	237	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,951	1,519	1,383	1,337	1,836	1,840	2,157	2,069	1,468	1,555	2,409	2,263
Metal mining	0	0	0	0	(D)	(D)	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	3,773	4,332	4,814	5,477	6,708	7,229	(L)	(L)	(L)	(L)	(L)	(L)
Construction	29,322	29,962	33,731	41,438	48,193	53,936	45,852	47,308	50,651	55,236	53,703	68,093
Manufacturing	161,002	153,648	173,880	189,502	186,346	202,273	125,131	117,785	120,629	123,182	115,481	124,558
Nondurable goods	9,327	10,988	12,494	15,296	17,705	21,304	38,983	40,648	42,609	43,748	44,137	53,055
Food and kindred products	2,902	2,993	3,048	3,186	3,339	3,463	14,297	15,397	17,301	17,177	16,345	23,580
Textile mill products	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	0
Apparel and other textile products	(D)	(D)	(D)	(D)	812	(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	4,764	5,411	6,380	6,967	7,761	9,077	13,060	13,626	14,477	14,665	15,235	16,164
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(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)	1,579	2,089	2,608	3,062	4,575	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	151,675	142,660	161,386	174,206	168,641	180,969	86,148	77,137	78,020	79,434	71,344	71,503
Lumber and wood products	1,262	896	989	1,599	1,649	1,533	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	212	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,752	2,059	2,111	2,023	2,130
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	9,086	7,884	6,514	6,379	5,979	5,865
Electric and electronic equipment	113,046	98,903	110,740	116,385	109,988	118,615	68,917	61,947	64,507	66,665	60,133	59,405
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	0	0	0	0	0	0
Motor vehicles and equipment	2,550	(D)	(D)	(D)	(D)	(D)	3,969	(D)	(D)	(D)	0	0
Stone, clay, and glass products	4,228	4,320	5,113	5,634	6,025	6,857	765	643	698	746	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	571	583	649	613	549	619
Miscellaneous manufacturing industries	1,416	1,341	1,491	1,802	(D)	2,715	(D)	1,228	1,089	1,247	1,220	1,307
Transportation and public utilities	39,155	44,004	44,533	46,279	47,006	49,024	96,051	103,473	103,231	114,372	114,508	117,652
Railroad transportation	2,404	2,754	3,264	3,458	3,152	(D)	13,277	10,106	7,267	7,205	6,218	5,884
Trucking and warehousing	12,033	11,838	13,182	15,089	13,878	14,198	20,201	22,303	22,830	25,866	24,569	25,143
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	2,586	(D)	3,607	(D)	2,770	2,828	2,763	(D)	(D)
Communication	(D)	(D)	(D)	16,310	18,337	19,387	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	8,849	(D)	(D)	12,574	(D)	(D)	(D)	28,962	36,379
Wholesale trade	22,747	24,371	25,964	30,269	31,536	32,474	63,632	62,322	62,716	64,425	63,330	65,939
Retail trade	71,997	76,876	85,346	91,452	98,822	107,110	95,606	96,620	106,445	108,135	112,751	114,263
Finance, insurance, and real estate	18,505	17,943	21,172	22,791	26,887	32,081	224,226	249,070	264,233	275,963	309,719	319,012
Banking and credit agencies	(D)	(D)	(D)	(D)	10,542	11,451	19,135	20,977	23,130	25,388	28,321	31,039
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	16,345	20,630	205,091	228,093	241,103	250,575	281,398	287,973
Services	99,054	107,270	116,881	129,617	144,959	158,632	164,724	175,868	198,203	222,445	244,808	267,663
Hotels and other lodging places	4,125	4,195	4,313	4,461	4,882	5,240	(D)	2,582	4,459	(D)	(D)	(D)
Personal services	6,505	6,570	7,590	8,833	10,909	11,599	8,066	9,345	10,448	11,021	13,702	14,882
Private households	(D)	1,910	1,974	2,185	2,186	2,238	2,585	2,759	2,863	3,181	3,180	3,259
Business services	11,536	13,956	15,208	17,649	21,745	25,530	21,684	24,889	33,979	48,583	55,018	63,287
Auto repair, services, and garages	4,299	4,140	4,423	5,009	5,617	6,274	9,685	10,121	10,883	12,048	12,466	13,365
Miscellaneous repair services	2,190	2,473	2,873	3,177	2,724	2,850	2,007	2,802	3,410	3,661	2,670	3,053
Amusement and recreation services	1,320	1,352	1,682	2,114	2,362	3,618	1,780	2,175	2,775	2,713	2,775	3,039
Motion pictures	(D)	1,798	1,540	1,542	1,669	1,730	248	346	364	910	840	1,040
Health services	46,318	50,972	54,637	57,969	63,454	67,790	62,623	68,209	72,843	75,519	82,868	86,593
Legal services	3,524	3,566	3,836	4,730	5,285	6,117	9,146	9,521	10,872	12,848	14,836	15,951
Educational services	757	904	926	1,172	1,277	1,340	(D)	8,538	9,154	(D)	(D)	(D)
Social services	2,279	2,538	3,473	4,462	4,836	5,240	6,393	6,412	6,407	6,943	9,081	10,482
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	6,443	7,243	7,624	8,160	8,716	9,074	13,739	14,494	15,054	15,726	16,189	16,719
Miscellaneous services	6,105	5,653	6,782	8,154	9,297	9,992	14,823	13,675	14,692	15,642	19,025	21,552
Government and government enterprises	191,471	213,232	220,913	226,603	246,352	268,325	137,415	153,522	160,390	170,428	180,405	192,663
Federal, civilian	6,891	6,892	7,487	8,162	8,718	8,988	11,261	11,755	12,574	13,198	14,005	15,536
Military	2,241	2,691	3,220	3,005	3,428	4,097	1,168	1,522	1,860	1,815	2,006	2,183
State and local	182,339	203,649	210,206	215,436	234,206	255,240	124,986	140,245	145,956	155,415	164,394	174,944

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Boise City, ID (MSA)						Boston—Lawrence—Salem—Lowell—Brockton, MA (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,022,524**	**2,135,873**	**2,289,507**	**2,485,921**	**2,674,397**	**2,767,103**	**45,556,276**	**49,481,354**	**53,789,868**	**59,928,827**	**64,615,623**	**70,236,980**
Nonfarm personal income	2,006,497	2,117,595	2,271,531	2,469,282	2,656,256	2,746,827	45,492,219	49,405,723	53,684,415	59,823,574	64,509,729	70,116,127
Farm income[1]	16,027	18,278	17,976	16,639	18,141	20,276	64,057	75,631	105,453	105,253	105,894	120,853
Population (thousands)[2]	178.3	181.8	184.9	189.0	192.4	193.8	3,673.2	3,667.1	3,681.3	3,699.8	3,711.1	3,704.7
Per capita personal income (dollars)	**11,345**	**11,748**	**12,385**	**13,154**	**13,897**	**14,275**	**12,402**	**13,493**	**14,612**	**16,198**	**17,411**	**18,959**
Derivation of total personal income:												
Total earnings by place of work	1,576,965	1,643,619	1,760,768	1,939,569	2,087,166	2,145,842	35,486,589	38,271,760	42,356,951	47,737,191	52,335,105	56,949,434
Less: Personal contributions for social insurance[3]	100,126	112,698	116,316	128,989	145,597	150,725	1,983,061	2,146,583	2,366,610	2,678,421	3,058,121	3,352,945
Plus: Adjustment for residence	−1,705	−4,648	−1,639	−3,721	−9,490	−3,400	−2,536,693	−2,672,379	−3,113,883	−3,620,801	−4,150,280	−4,144,306
Equals: Net earnings by place of residence	1,475,134	1,526,273	1,642,813	1,806,859	1,932,079	1,991,717	30,966,835	33,452,798	36,876,458	41,437,969	45,126,704	49,452,183
Plus: Dividends, interest, and rent[5]	310,114	339,887	355,901	382,442	416,318	435,187	7,846,693	8,761,113	9,171,813	10,527,588	11,109,114	11,871,288
Plus: Transfer payments	237,276	269,713	290,793	296,620	326,000	340,199	6,742,748	7,267,443	7,741,597	7,963,270	8,379,805	8,913,509
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,247,742	1,305,191	1,379,668	1,510,226	1,627,615	1,658,004	29,876,035	32,289,466	35,376,334	39,911,588	43,707,225	47,451,499
Other labor income	116,644	129,175	137,179	144,605	153,146	154,393	2,887,729	3,287,546	3,648,428	3,962,455	4,221,697	4,478,856
Proprietors' income[6]	212,579	209,253	243,921	284,738	306,405	333,445	2,722,825	2,694,748	3,332,189	3,863,148	4,406,183	5,019,079
Farm	11,051	12,449	12,359	11,115	12,566	14,670	37,675	48,674	79,270	79,524	79,916	94,729
Nonfarm	201,528	196,804	231,562	273,623	293,839	318,775	2,685,150	2,646,074	3,252,919	3,783,624	4,326,267	4,924,350
Earnings by industry:												
Farm	16,027	18,278	17,976	16,639	18,141	20,276	64,057	75,631	105,453	105,253	105,894	120,853
Nonfarm	1,560,938	1,625,341	1,742,792	1,922,930	2,069,025	2,125,566	35,422,532	38,196,129	42,251,498	47,631,938	52,229,211	56,828,581
Private	1,290,436	1,339,768	1,443,820	1,599,062	1,722,904	1,766,752	30,581,863	33,207,907	36,911,745	41,930,781	46,068,340	50,210,252
Agricultural services, forestry, fisheries, and other[7]	8,231	7,979	9,983	9,753	8,993	10,014	107,796	120,866	149,857	154,046	193,201	225,981
Agricultural services	7,453	7,974	8,729	8,568	8,061	8,974	(D)	97,670	113,441	130,015	147,122	173,854
Forestry, fisheries, and other[7]	778	(L)	1,254	1,185	932	1,040	(D)	23,196	36,416	24,031	46,079	52,127
Mining	5,211	4,691	4,314	5,305	7,271	−10,115	143,815	137,214	108,121	119,912	170,930	185,397
Coal mining	(L)	(D)	(D)	(D)	(L)	(L)	(D)	(D)	(D)	486	(D)	(D)
Oil and gas extraction	3,920	3,736	2,992	(D)	5,404	5,642	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	611	(D)	(D)	657	767	710	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	677	781	965	1,203	1,099	−16,469	(D)	14,656*	15,839*	18,015*	22,639*	30,805*
Construction	232,870	265,720	278,369	317,961	311,280	296,742	1,530,021	1,736,623	1,952,374	2,355,837	2,666,939	3,091,014
Manufacturing	213,936	213,879	234,772	270,586	306,030	308,243	9,111,933	9,668,914	10,402,695	11,891,257	12,566,801	12,567,046
Nondurable goods	49,849	54,389	60,434	61,716	82,739	74,762	2,351,253	2,490,725	2,559,457	2,800,747	2,881,607	2,970,714
Food and kindred products	32,283	36,322	41,009	39,938	47,722	42,327	(D)	378,831	377,296	373,174	391,056	407,917
Textile mill products	0	(L)	65	(D)	(L)	0	(D)	147,730	156,998	161,819	170,040	162,995
Apparel and other textile products	447	(D)	(D)	213	(D)	(D)	206,766	206,389	202,961	207,727	196,594	182,828
Paper and allied products	(D)	1,307	1,236	1,661	(D)	(D)	250,389	256,936	271,060	295,725	281,267	268,590*
Printing and publishing	13,823	13,997	14,707	17,100	24,508	22,228	588,147	665,741	737,188	873,314	958,338	1,039,210
Chemicals and allied products	(D)	(D)	(D)	(D)	435	743	284,569	320,805	307,710	368,796	384,754	401,697
Petroleum and coal products	0	0	0	0	0	0	46,039	44,064	39,599	42,182	41,729	43,426*
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	165	79	116	132	97	94
Rubber and misc. plastic products	836	935	1,600	1,770	5,640	5,466	253,127	269,135	277,674	293,959	291,676	314,485
Leather and leather products	723	555	745	841	1,256	1,559	214,071	201,015	188,855	183,919	166,056	145,380
Durable goods	164,087	159,490	174,338	208,870	223,291	233,481	6,760,680	7,178,189	7,843,238	9,090,510	9,685,194	9,596,332
Lumber and wood products	(D)	53,335	54,921	63,057	72,476	71,442	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	1,572	1,048	521	738	835	705	54,921	54,629	56,672	66,264	72,828	82,410
Primary metal industries	160	175	144	267	198	234	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	10,254	5,504	6,581	7,696	7,981	8,387	534,137	544,166	587,849	629,756	655,989	655,158
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	1,701,345	1,844,552	1,996,989	2,326,540	2,497,263	2,382,701
Electric and electronic equipment	5,095	(D)	(D)	(D)	(D)	(D)	1,985,079	2,156,202	2,379,294	2,823,985	3,075,002	3,064,867
Transportation equip. exc. motor vehicles	0	311	1,298	1,324	1,552	1,782	(D)	(D)	857,515*	(D)	(D)	1,150,181*
Motor vehicles and equipment	861	890	908	929	4,406	5,192	124,182	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,153	2,900	2,476	2,356	2,592	3,045	78,474	78,355	84,003	96,902	109,938	112,554
Instruments and related products	700	756	845	1,228	1,600	1,255	1,256,399	1,310,312	1,369,939	1,514,544	1,502,326	1,555,597
Miscellaneous manufacturing industries	2,568	2,313	3,036	3,348	4,369	4,674	114,193	121,939	135,421	147,291	141,311	135,119
Transportation and public utilities	139,397	141,656	144,936	147,882	163,405	162,878	2,335,319	2,500,526	2,679,573	2,819,408	2,984,774	3,005,002
Railroad transportation	1,267	1,285	1,312	1,357	1,259	(D)	94,681	90,242	89,349	111,992	118,648	103,891*
Trucking and warehousing	43,767	40,777	43,480	46,711	52,479	53,081	447,242	(D)	(D)	535,794	551,937	576,046
Water transportation	(D)	(D)	(D)	(D)	(D)	(L)	31,330	34,096	36,205	42,284	49,454	56,819
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	479,695	512,276	558,909	616,064	686,046	662,485*
Communication	44,391	44,912	42,769	38,180	42,144	40,762	929,505	(D)	(D)	1,041,774	1,059,922	974,668
Electric, gas, and sanitary services	34,328	38,530	40,929	42,529	45,415	45,966	352,866	369,961	396,922	471,500	518,767	561,587
Wholesale trade	112,115	112,447	116,390	125,128	139,190	140,531	2,370,617	2,501,999	2,772,809	3,260,866	3,592,598	3,921,980
Retail trade	177,361	178,493	199,555	221,854	229,761	234,235	3,163,671	3,358,961	3,863,189	4,298,989	4,791,387	5,308,293
Finance, insurance, and real estate	113,620	114,559	127,624	140,643	149,232	169,776	2,531,591	2,708,927	3,203,620	3,536,796	4,027,330	4,884,231
Banking and credit agencies	49,294	53,477	55,471	61,686	58,172	62,226	756,944	(D)	(D)	(D)	(D)	1,496,075
Other finance, insurance, and real estate[9]	64,326	61,082	72,153	78,957	91,060	107,550	1,774,647	1,654,043*	(D)	2,197,428*	(D)	3,388,156
Services	287,695	300,344	327,877	359,950	407,742	454,448	9,287,100	10,473,877	11,779,507	13,493,670	15,074,380	17,021,308
Hotels and other lodging places	9,860	8,313	10,393	8,539	6,689	9,455	(D)	175,280	219,861	259,407	294,112	338,564
Personal services	15,919	17,205	17,834	19,234	23,944	25,471	259,827	287,834	337,815	375,154	443,426	487,005
Private households	3,421	3,684	3,842	4,309	(D)	(D)	82,748	88,333	91,744	102,134	102,649	105,296
Business services	40,942	43,844	51,355	59,940	72,996	79,256	2,004,677	2,408,872	2,812,881	3,446,378	4,101,660	4,838,283
Auto repair, services, and garages	15,774	16,371	16,257	19,361	22,151	23,526	256,776	281,344	316,259	373,848	409,661	457,267
Miscellaneous repair services	5,967	6,521	8,061	10,983	10,303	11,354	127,747	143,570	168,342	182,395	182,264	207,073
Amusement and recreation services	4,193	4,772	5,389	6,351	7,206	7,369	129,232	138,389	159,644	188,090	219,313	236,927
Motion pictures	1,088	1,149	1,206	1,171	(D)	(D)	33,684*	39,568	43,423	54,156	59,819*	73,701*
Health services	98,762	110,623	120,233	126,274	138,946	151,165	2,733,109	3,128,371	3,418,999	3,708,369	4,026,828	4,397,948
Legal services	21,717	26,462	29,224	34,558	40,360	45,400	590,563	685,709	805,839	981,277	1,099,813	1,298,560
Educational services	3,194	3,303	3,658	4,736	5,087	5,604	1,117,187	1,202,762	1,322,275	1,462,195	1,531,360	1,662,524
Social services	(D)	(D)	(D)	8,523	9,269	10,180	(D)	267,274	304,889	339,181	392,311	449,346
Museums, botanical, zoological gardens	(D)	(D)	(D)	0	(D)	(D)	(D)	20,365*	21,614*	24,740*	28,935*	32,333*
Membership organizations	15,680	16,411	17,682	17,854	18,405	19,562	263,386	259,118*	279,537*	312,110*	326,695*	352,585*
Miscellaneous services	(D)	34,225	34,887	38,117	46,767	60,174	1,257,560	1,326,375	1,454,110	1,659,389	1,823,389	2,048,585
Government and government enterprises	270,502	285,573	298,972	323,868	346,121	358,814	4,840,669	4,988,222	5,339,753	5,701,157	6,160,871	6,618,329
Federal, civilian	84,916	89,206	93,696	102,728	109,195	111,177	1,058,461	1,093,947	1,148,468	1,221,774	1,282,860	1,299,351
Military	3,891	4,415	5,217	5,961	6,268	7,330	252,404	275,124	306,403	322,178	329,379	358,879
State and local	181,695	191,952	200,059	215,179	230,658	240,307	3,529,804	3,619,151	3,884,882	4,157,205	4,548,632	4,960,099

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Boulder—Longmont, CO (PMSA)						Bradenton, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,441,391**	**2,719,862**	**2,970,702**	**3,281,619**	**3,476,942**	**3,693,148**	**1,766,067**	**1,914,105**	**2,153,651**	**2,323,894**	**2,520,903**	**2,730,197**
Nonfarm personal income	2,423,855	2,704,924	2,953,311	3,261,984	3,461,423	3,672,802	1,702,730	1,831,033	2,025,383	2,225,441	2,409,350	2,617,335
Farm income[1]	17,536	14,938	17,391	19,635	15,519	20,346	63,337	83,072	128,268	98,453	111,553	112,862
Population (thousands)[2]	195.0	199.9	205.3	209.8	212.6	214.4	156.1	161.3	165.5	169.6	174.6	177.1
Per capita personal income (dollars)	**12,522**	**13,605**	**14,467**	**15,638**	**16,351**	**17,228**	**11,317**	**11,866**	**13,015**	**13,705**	**14,436**	**15,412**
Derivation of total personal income:												
Total earnings by place of work	1,687,696	1,886,006	2,109,481	2,410,721	2,476,474	2,618,533	819,354	875,113	1,005,587	1,098,064	1,180,677	1,293,339
Less: Personal contributions for social insurance[3]	91,107	102,066	111,589	128,356	137,703	146,258	41,179	44,704	49,642	57,915	65,023	71,772
Plus: Adjustment for residence	227,064	256,104	240,663	198,340	285,279	321,703	62,690	69,482	84,550	92,133	108,857	116,021
Equals: Net earnings by place of residence	1,823,653	2,040,044	2,238,555	2,480,705	2,624,050	2,793,978	840,865	899,891	1,040,495	1,132,282	1,224,511	1,337,588
Plus: Dividends, interest, and rent[5]	414,376	453,616	484,611	547,125	578,745	606,396	565,379	612,097	676,649	746,306	817,778	889,008
Plus: Transfer payments	203,362	226,202	247,536	253,789	274,147	292,774	359,823	402,117	436,507	445,306	478,614	503,601
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,381,176	1,562,166	1,730,824	1,985,880	2,030,380	2,134,778	610,034	662,260	720,293	823,304	873,993	958,595
Other labor income	128,601	155,157	175,332	194,268	191,422	198,443	59,206	66,241	73,336	81,289	84,506	90,738
Proprietors' income[6]	177,919	168,683	203,325	230,573	254,672	285,312	150,114	146,612	211,958	193,471	222,178	244,006
Farm	12,945	9,944	12,562	14,886	10,679	15,490	49,532	66,420	112,111	82,605	95,477	96,751
Nonfarm	164,974	158,739	190,763	215,687	243,993	269,822	100,582	80,192	99,847	110,866	126,701	147,255
Earnings by industry:												
Farm	17,536	14,938	17,391	19,635	15,519	20,346	63,337	83,072	128,268	98,453	111,553	112,862
Nonfarm	1,670,160	1,871,068	2,092,090	2,391,086	2,460,955	2,598,187	756,017	792,041	877,319	999,611	1,069,124	1,180,477
Private	1,373,438	1,552,893	1,748,929	2,020,213	2,054,705	2,163,969	651,115	674,131	745,156	858,492	917,239	1,011,334
Agricultural services, forestry, fisheries, and other[7]	7,685	8,220	9,923	10,891	11,128	12,224	13,992	15,150	17,430	18,161	19,569	23,441
Agricultural services	(D)	7,851	8,909	10,084	10,307	11,384	13,711	14,969	16,872	17,962	18,672	22,428
Forestry, fisheries, and other[7]	(D)	369	1,014	807	821	840	281	181	558	199	897	1,013
Mining	20,335	14,697	21,530	19,034	26,603	30,355	8,823	7,738	10,319	11,036	15,135	15,038
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	16,251	17,771	18,879	17,987	20,429	20,380	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	1,891	−4,734	690	−1,458	3,771	9,294	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,166	1,628	1,925	2,471	2,366	644	(D)	(D)	(D)	(D)	(D)	(D)
Construction	108,986	120,850	137,298	165,316	160,424	151,896	94,161	88,439	76,919	94,925	98,459	102,925
Manufacturing	608,269	712,906	798,950	924,298	871,181	912,345	137,390	142,299	153,397	181,713	184,132	204,589
Nondurable goods	74,118	81,741	92,566	101,709	107,966	115,419	55,976	54,841	55,882	63,863	57,269	61,891
Food and kindred products	19,602	21,522	23,138	23,199	24,314	25,634	(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)	3,023	2,808	3,666	5,808	7,614	410	419	662	1,045	1,031	1,048
Paper and allied products	4,397	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	23,310	26,736	31,469	34,634	35,421	37,686	6,829	7,175	8,256	9,357	10,433	10,743
Chemicals and allied products	12,813	14,620	14,895	16,839	18,576	20,351	3,254	2,162	1,821	5,684	2,497	2,426
Petroleum and coal products	281	307	278	522	295	181	(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	7,391	7,947	9,507	11,454	13,291	13,551	3,421	3,267	3,720	4,365	4,559	4,255
Leather and leather products	1,026	869	809	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	534,151	631,165	706,384	822,589	763,215	796,926	81,414	87,458	97,515	117,850	126,863	142,698
Lumber and wood products	8,941	7,102	8,022	10,084	10,301	5,782	7,197	7,049	8,225	6,913	4,641	4,650
Furniture and fixtures	(D)	3,702	5,372	6,317	4,291	4,224	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	3,003	2,508	3,478	4,300	3,966	4,189	(D)	(D)	(D)	(D)	(D)	547
Fabricated metal products	15,748	14,523	15,328	15,483	16,043	15,491	9,148	6,926	6,000	7,049	7,369	8,477
Machinery, except electrical	(D)	(D)	(D)	332,476	235,561	249,918	3,513	3,276	3,252	4,970	5,601	10,560
Electric and electronic equipment	41,823	50,876	55,071	68,822	146,999	157,467	(D)	8,545	8,969	13,201	22,177	32,051
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	14,966	22,136	28,986	38,781	43,501	48,885
Motor vehicles and equipment	2,844	(D)	(D)	(D)	(D)	(D)	5,092	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	7,308	7,580	9,774	18,157	19,592	18,819	17,017	18,580	16,836	16,499	15,630	15,706
Instruments and related products	232,418	266,620	293,728	330,715	(D)	(D)	4,758	4,649	6,196	8,339	8,327	9,825
Miscellaneous manufacturing industries	14,585	11,798	13,903	19,388	18,131	19,011	583	532	522	598	510	596
Transportation and public utilities	60,557	67,192	67,750	71,221	71,944	74,917	38,114	43,974	48,820	51,528	51,674	51,825
Railroad transportation	1,965	1,566	1,204	1,027	737	595	947	982	1,075	1,021	874	850
Trucking and warehousing	18,676	20,552	20,516	24,539	27,836	28,813	8,757	9,937	10,381	13,133	12,502	13,855
Water transportation	(L)	(L)	(L)	(L)	(L)	0	2,257	2,529	3,618	2,841	3,141	3,268
Other transportation[8]	5,387	(D)	(D)	(D)	(D)	(D)	(D)	2,318	2,527	2,085	2,279	2,448
Communication	(D)	26,254	25,723	25,455	22,753	23,829	(D)	16,373	17,180	17,108	15,913	13,614
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11,835	14,039	15,340	16,965	17,790
Wholesale trade	40,542	45,822	49,983	59,720	67,713	73,904	28,437	28,294	27,513	31,770	37,464	37,723
Retail trade	168,453	180,097	201,674	226,927	239,666	255,226	121,876	131,276	151,169	165,862	178,576	199,439
Finance, insurance, and real estate	51,771	50,489	62,291	74,831	84,718	100,678	44,701	39,085	52,968	56,149	56,719	68,256
Banking and credit agencies	21,170	23,207	26,394	30,852	33,003	36,950	17,995	21,776	25,910	27,345	28,897	30,594
Other finance, insurance, and real estate[9]	30,601	27,282	35,897	43,979	51,715	63,728	26,706	17,309	27,058	28,804	27,822	37,662
Services	306,840	352,620	399,530	467,975	521,328	552,424	163,621	177,876	206,621	247,348	275,511	308,098
Hotels and other lodging places	7,848	8,659	10,523	10,413	8,958	7,741	7,079	6,458	7,276	7,340	6,227	7,755
Personal services	17,840	20,460	22,673	24,858	30,957	33,203	9,007	9,251	10,774	12,162	14,518	15,724
Private households	(D)	3,391	3,593	4,023	4,078	4,212	4,669	5,129	5,459	6,210	6,392	6,723
Business services	65,041	81,250	97,652	124,130	146,617	152,476	14,418	16,489	23,214	33,118	40,247	46,430
Auto repair, services, and garages	10,818	12,452	14,306	17,296	18,863	21,154	7,904	8,473	10,128	12,361	12,364	13,931
Miscellaneous repair services	6,317	6,428	7,554	8,572	7,770	8,140	3,965	4,203	5,079	6,064	5,660	5,111
Amusement and recreation services	5,099	5,241	5,485	6,881	7,824	6,901	5,402	5,784	5,548	6,972	7,999	8,670
Motion pictures	828	933	1,034	1,626	1,904	1,953	679	534	500	564	679	652
Health services	84,606	98,208	108,812	119,222	132,921	143,495	62,100	75,035	84,621	95,492	103,977	115,941
Legal services	17,826	21,332	23,127	29,418	33,282	38,159	8,309	9,780	10,283	13,059	14,839	17,831
Educational services	6,200	(D)	(D)	(D)	(D)	(D)	1,464	1,629	1,763	2,034	1,786	1,955
Social services	5,485	6,998	8,743	9,663	11,869	14,069	3,294	3,121	3,813	4,313	5,036	5,634
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	12,530	14,563	15,531	17,363	18,565	18,671	7,856	8,755	10,027	11,720	12,370	13,129
Miscellaneous services	63,250	65,584	73,381	85,053	88,629	92,961	27,475	23,235	28,136	35,939	43,417	48,612
Government and government enterprises	296,722	318,175	343,161	370,873	406,250	434,218	104,902	117,910	132,163	141,119	151,885	169,143
Federal, civilian	76,772	76,247	83,314	80,281	85,596	88,139	9,184	9,762	11,425	12,697	13,878	14,437
Military	4,817	5,963	6,852	6,928	7,521	8,622	1,708	2,029	2,327	2,521	2,765	3,003
State and local	215,133	235,965	252,995	283,664	313,133	337,457	94,010	106,119	118,411	125,901	135,242	151,703

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Brazoria, TX (PMSA)						Bremerton, WA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,038,277**	**2,225,802**	**2,310,936**	**2,484,850**	**2,576,202**	**2,524,588**	**1,667,585**	**1,815,696**	**1,987,593**	**2,099,362**	**2,238,220**	**2,374,525**
Nonfarm personal income	2,023,667	2,213,865	2,300,610	2,467,120	2,558,112	2,507,308	1,664,845	1,812,934	1,984,742	2,096,458	2,235,226	2,371,496
Farm income[1]	14,610	11,937	10,326	17,730	18,090	17,280	2,740	2,762	2,851	2,904	2,994	3,029
Population (thousands)[2]	175.5	179.5	183.7	185.7	187.1	188.7	155.3	156.5	162.9	164.7	167.0	169.2
Per capita personal income (dollars)	**11,615**	**12,401**	**12,581**	**13,378**	**13,770**	**13,376**	**10,740**	**11,601**	**12,203**	**12,750**	**13,406**	**14,032**
Derivation of total personal income:												
Total earnings by place of work	1,448,419	1,473,634	1,522,644	1,631,260	1,665,364	1,672,164	1,071,117	1,168,428	1,341,033	1,395,340	1,457,452	1,469,621
Less: Personal contributions for social insurance[3]	73,685	75,872	79,851	85,520	91,271	92,517	59,412	66,800	76,617	79,676	84,061	84,854
Plus: Adjustment for residence	326,408	432,108	436,528	464,806	477,343	386,146	119,828	122,938	94,417	109,707	127,514	211,988
Equals: Net earnings by place of residence	1,701,142	1,829,870	1,879,321	2,010,546	2,051,436	1,965,793	1,131,533	1,224,566	1,358,833	1,425,371	1,500,905	1,596,755
Plus: Dividends, interest, and rent[5]	197,315	229,375	242,533	277,560	307,531	320,189	231,944	257,478	275,474	300,976	329,986	350,495
Plus: Transfer payments	139,820	166,557	189,082	196,744	217,235	238,606	304,108	333,652	353,286	373,015	407,329	427,275
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,204,183	1,230,827	1,251,367	1,339,579	1,365,882	1,364,432	950,832	1,039,481	1,188,257	1,227,082	1,275,454	1,276,561
Other labor income	157,944	165,817	170,616	171,024	166,623	168,393	48,553	56,233	65,049	69,161	71,062	70,056
Proprietors' income[6]	86,292	76,990	100,661	120,657	132,859	139,339	71,732	72,714	87,727	99,097	110,936	123,004
Farm	11,361	8,176	6,702	14,163	14,477	13,661	2,455	2,496	2,594	2,648	2,736	2,772
Nonfarm	74,931	68,814	93,959	106,494	118,382	125,678	69,277	70,218	85,133	96,449	108,200	120,232
Earnings by industry:												
Farm	14,610	11,937	10,326	17,730	18,090	17,280	2,740	2,762	2,851	2,904	2,994	3,029
Nonfarm	1,433,809	1,461,697	1,512,318	1,613,530	1,647,274	1,654,884	1,068,377	1,165,666	1,338,182	1,392,436	1,454,458	1,466,592
Private	1,310,537	1,316,287	1,341,877	1,423,049	1,434,807	1,432,486	425,634	445,089	495,457	540,818	579,858	620,102
Agricultural services, forestry, fisheries, and other[7]	6,426	5,878	6,341	5,221	6,304	6,232	6,738	5,757	7,625	6,150	9,043	10,396
Agricultural services	5,632	5,417	4,753	4,670	4,325	4,158	3,350	3,547	4,056	3,858	3,546	4,118
Forestry, fisheries, and other[7]	794	461	1,588	551	1,979	2,074	3,388	2,210	3,569	2,292	5,497	6,278
Mining	76,649	74,153	69,576	76,195	67,182	64,385	4,019	4,677	3,382	3,540	4,265	4,190
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	75,600	72,824	68,137	74,185	65,855	62,931	2,409	3,071	1,666	1,746	2,953	2,996
Metal mining	0	0	0	0	0	0	(L)	(D)	(D)	(D)	(L)	(L)
Nonmetallic minerals, except fuels	1,043	1,324	1,434	2,002	1,319	1,446	1,596	(D)	(D)	(D)	1,256	1,136
Construction	233,480	193,442	195,679	206,109	193,699	173,509	47,368	45,039	55,264	65,620	68,677	80,174
Manufacturing	573,604	610,656	629,495	655,364	670,394	693,345	39,534	37,727	43,137	44,525	43,312	44,398
Nondurable goods	447,014	475,845	514,077	527,140	546,332	562,550	6,725	7,366	8,210	8,404	8,977	10,441
Food and kindred products	2,849	3,189	3,192	3,557	3,669	3,252	948	(D)	(D)	978	1,107	1,427
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	0	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	(D)	0	0	0	0	0	0	0
Printing and publishing	3,864	4,405	4,276	4,499	4,962	5,552	(D)	5,123	5,783	6,287	6,591	7,074
Chemicals and allied products	365,661	397,200	434,491	448,911	471,024	489,971	0	0	0	0	0	0
Petroleum and coal products	72,897	69,640	70,608	68,587	64,803	61,901	0	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,743	(D)	(D)	(D)	(D)	1,874	659	591	481	(D)	(D)	(D)
Leather and leather products	0	0	0	(D)	0	0	0	0	0	0	0	0
Durable goods	126,590	134,811	115,418	128,224	124,062	130,795	32,809	30,361	34,927	36,121	34,335	33,957
Lumber and wood products	1,971	2,387	3,146	5,375	(D)	2,052	(D)	(D)	(D)	10,319	(D)	9,877
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	34,446	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	18,381	15,521	12,032	12,267	12,830	11,421	1,855	1,482	1,461	(D)	1,646	1,992
Machinery, except electrical	26,676	25,704	18,298	23,331	22,075	18,377	(D)	(D)	(D)	627	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	5,205	4,219	1,848	2,073	1,879	1,430	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	(D)	(D)	(D)	0	(D)	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,385	4,238	4,737	5,530	4,772	4,617	2,410	2,437	2,933	3,629	3,741	3,838
Instruments and related products	7,705	9,358	6,905	5,760	7,138	7,643	(D)	(D)	(D)	(D)	(D)	438
Miscellaneous manufacturing industries	(L)	(L)	65	(L)	(L)	(L)	(D)	3,484	3,397	3,605	2,315	1,960
Transportation and public utilities	71,960	73,885	73,104	75,400	71,198	77,668	30,872	31,525	31,123	29,622	30,717	33,415
Railroad transportation	5,644	8,184	11,013	11,548	10,568	9,990	105	68	(L)	(L)	(L)	(L)
Trucking and warehousing	21,412	19,880	17,077	18,168	17,609	20,284	5,076	5,692	5,819	6,745	6,706	7,689
Water transportation	11,207	7,784	4,402	5,610	5,684	6,849	2,217	2,026	2,468	2,465	2,784	3,812
Other transportation[8]	7,000	6,644	6,723	5,784	4,760	4,788	1,888	1,751	2,034	1,787	2,147	2,574
Communication	14,393	16,271	17,149	17,023	13,744	16,126	12,166	12,558	11,108	8,836	8,299	7,806
Electric, gas, and sanitary services	12,304	15,122	16,740	17,267	18,833	19,631	9,420	9,430	9,659	9,752	10,744	11,497
Wholesale trade	40,938	41,813	36,283	40,322	41,779	42,938	12,091	12,413	12,594	15,346	16,980	17,577
Retail trade	104,096	110,005	118,309	125,204	130,063	129,813	92,009	96,083	105,716	113,698	122,221	126,760
Finance, insurance, and real estate	32,015	33,198	39,301	45,151	49,146	47,608	26,958	25,524	31,804	34,888	37,548	44,470
Banking and credit agencies	17,128	19,999	23,632	26,188	28,786	25,970	11,036	12,316	13,578	15,125	16,976	19,276
Other finance, insurance, and real estate[9]	14,887	13,199	15,669	18,963	20,360	21,638	15,922	13,208	18,226	19,763	20,572	25,194
Services	171,369	173,257	173,789	194,083	205,042	196,988	166,045	186,344	204,812	227,429	247,095	258,722
Hotels and other lodging places	(D)	3,523	3,357	3,404	2,204	1,527	1,769	2,017	2,020	2,407	3,723	2,062
Personal services	9,572	8,274	8,899	9,047	10,848	11,385	7,778	8,411	9,245	10,371	12,754	13,233
Private households	5,439	6,040	6,441	7,251	7,386	7,697	1,458	1,563	1,630	1,818	1,837	1,901
Business services	52,401	53,446	47,384	50,532	54,624	48,992	39,058	45,562	48,956	57,990	61,890	63,612
Auto repair, services, and garages	8,180	7,350	7,863	9,337	9,124	9,175	6,424	5,825	6,803	8,830	9,449	9,892
Miscellaneous repair services	13,521	14,930	13,773	14,938	12,384	9,254	2,157	3,699	4,834	5,645	4,892	3,361
Amusement and recreation services	6,552	6,155	6,436	7,535	7,728	5,338	4,023	4,189	4,939	5,662	5,111	7,974
Motion pictures	497	(D)	(D)	(D)	(D)	(D)	256	(D)	(D)	(D)	(D)	(D)
Health services	36,124	40,756	44,385	46,770	51,060	53,969	54,192	59,971	63,798	67,173	75,184	82,627
Legal services	6,577	8,034	9,709	11,091	12,689	12,017	5,246	6,368	5,925	7,426	8,301	9,483
Educational services	372	372	369	589	496	633	1,755	1,869	1,950	2,356	2,730	3,077
Social services	(D)	2,307	2,294	2,818	3,330	3,644	2,921	3,623	4,223	4,778	4,804	4,829
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,094	7,973	8,598	9,003	9,404	9,620	(D)	11,590	12,973	13,526	13,925	14,374
Miscellaneous services	19,015	13,632	13,739	21,253	23,256	23,253	27,287	31,194	36,990	38,558	41,440	41,130
Government and government enterprises	123,272	145,410	170,441	190,481	212,467	222,398	642,743	720,577	842,725	851,618	874,600	846,490
Federal, civilian	7,324	7,723	8,530	9,246	10,172	10,297	391,197	455,756	544,683	545,653	537,974	516,083
Military	2,776	3,549	3,808	3,818	4,227	4,514	149,388	160,458	179,112	181,862	201,816	189,856
State and local	113,172	134,138	158,103	177,417	198,068	207,587	102,158	104,363	118,930	124,103	134,810	140,551

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Bridgeport—Stamford—Norwalk—Danbury, CT (NECMA)						Brownsville—Harlingen, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**13,483,800**	**14,490,627**	**15,530,734**	**17,295,928**	**18,643,737**	**20,116,379**	**1,416,667**	**1,508,719**	**1,590,637**	**1,684,091**	**1,798,806**	**1,853,846**
Nonfarm personal income	13,478,484	14,483,807	15,520,419	17,287,874	18,634,035	20,106,692	1,383,543	1,489,561	1,561,105	1,642,258	1,758,989	1,825,160
Farm income[1]	5,316	6,820	10,315	8,054	9,702	9,687	33,124	19,158	29,532	41,833	39,817	28,686
Population (thousands)[2]	810.9	811.7	813.7	816.6	820.3	821.0	221.8	233.1	242.3	246.9	252.0	257.3
Per capita personal income (dollars)	**16,628**	**17,853**	**19,087**	**21,181**	**22,728**	**24,501**	**6,387**	**6,472**	**6,565**	**6,822**	**7,138**	**7,205**
Derivation of total personal income:												
Total earnings by place of work	8,805,080	9,442,067	10,180,311	11,370,830	12,568,226	13,659,786	1,019,765	1,062,839	1,085,128	1,131,279	1,208,454	1,221,733
Less: Personal contributions for social insurance[3]	513,277	569,812	609,889	687,355	788,404	872,493	52,304	56,404	57,718	59,756	66,548	68,055
Plus: Adjustment for residence	1,206,637	1,241,211	1,446,867	1,602,225	1,637,895	1,740,901	−21,573	−23,220	−22,083	−18,283	−24,253	−24,015
Equals: Net earnings by place of residence	9,498,440	10,113,466	11,017,289	12,285,700	13,417,717	14,528,194	945,888	983,215	1,005,327	1,053,240	1,117,653	1,129,663
Plus: Dividends, interest, and rent[5]	2,810,756	3,065,594	3,102,518	3,553,538	3,663,996	3,940,715	215,493	240,917	256,134	280,567	298,714	308,451
Plus: Transfer payments	1,174,604	1,311,567	1,410,927	1,456,690	1,562,024	1,647,470	255,286	284,587	329,176	350,284	382,439	415,732
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,225,416	7,832,425	8,337,100	9,352,815	10,221,344	11,160,542	813,278	866,661	861,333	890,193	951,662	964,454
Other labor income	807,219	903,094	955,529	1,002,476	1,171,696	1,139,931	74,005	83,244	83,324	81,753	83,074	83,957
Proprietors' income[6]	772,445	706,548	887,682	1,015,539	1,175,186	1,359,313	132,482	112,934	140,471	159,333	173,718	173,322
Farm	3,387	4,946	8,497	6,256	7,885	7,870	23,168	8,837	19,596	32,069	29,924	18,749
Nonfarm	769,058	701,602	879,185	1,009,283	1,167,301	1,351,443	109,314	104,097	120,875	127,264	143,794	154,573
Earnings by industry:												
Farm	5,316	6,820	10,315	8,054	9,702	9,687	33,124	19,158	29,532	41,833	39,817	28,686
Nonfarm	8,799,764	9,435,247	10,169,996	11,362,776	12,558,524	13,650,099	986,641	1,043,681	1,055,596	1,089,446	1,168,637	1,193,047
Private	8,150,095	8,744,325	9,432,228	10,550,846	11,636,770	12,675,392	813,102	851,567	842,588	857,256	899,428	902,435
Agricultural services, forestry, fisheries, and other[7]	33,350	37,568	44,765	45,569	50,562	61,916	18,567	19,023	27,901	15,268	27,440	27,291
Agricultural services	31,591	36,703	41,624	43,139	47,500	58,482	8,789	8,705	8,389	8,984	9,545	9,324
Forestry, fisheries, and other[7]	1,759	865	3,141	2,430	3,062	3,434	9,778	10,318	19,512	6,284	17,895	17,967
Mining	149,172	109,623	84,703	85,162	113,093	111,794	12,015	12,276	8,496	7,900	8,115	7,144
Coal mining	39,335	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	92,347	63,400	48,892	54,676	74,577	75,700	(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)	(D)	(D)	4,248	4,195	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	425,026	452,125	521,806	622,383	720,412	841,536	84,521	85,651	77,789	78,192	81,378	82,175
Manufacturing	3,482,123	3,741,935	3,874,331	4,172,948	4,327,777	4,476,044	169,528	171,604	163,553	160,233	155,064	146,450
Nondurable goods	917,047	1,089,446	1,164,712	1,234,057	1,303,839	1,353,098	72,805	77,877	80,556	77,943	85,884	80,699
Food and kindred products	89,002	96,497	105,521	117,384	125,099	124,879	20,520	20,738	19,472	20,891	21,469	20,356
Textile mill products	19,579	22,344	23,157	43,833	21,114	20,591	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	54,157	54,417	56,961	82,054	83,105	96,952	31,278	33,339	39,778	40,277	44,122	41,117
Paper and allied products	122,066	135,375	137,875	125,483	125,411	115,092	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	210,393	224,328	235,141	270,411	279,144	4,827	5,559	6,280	6,639	7,543	7,418
Chemicals and allied products	329,246	443,341	488,469	500,452	540,354	572,599	10,842	11,621	6,827	1,412	3,724	3,369
Petroleum and coal products	24,112	22,292	18,546	4,151	4,480	5,171	997	1,008	1,536	1,490	976	397
Tobacco manufactures	13,059	16,790	19,744	23,722	26,860	28,604	0	0	0	0	0	0
Rubber and misc. plastic products	75,734	83,997	86,322	98,010	103,791	107,000	(D)	1,316	1,573	1,939	2,204	2,743
Leather and leather products	(D)	4,000	3,789	3,827	3,214	3,066	0	(D)	(D)	(D)	(D)	(D)
Durable goods	2,565,076	2,652,489	2,709,619	2,938,891	3,023,938	3,122,946	96,723	93,727	82,997	82,290	69,180	65,751
Lumber and wood products	7,404	6,449	7,701	21,341	(D)	(D)	649	1,004	1,016	948	913	886
Furniture and fixtures	18,658	18,785	17,633	21,019	22,505	23,862	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	160,651	131,390	133,165	147,247	131,085	108,630	0	(L)	0	(D)	(D)	(D)
Fabricated metal products	331,625	323,569	290,712	301,787	322,960	312,215	4,460	4,280	4,042	3,934	4,790	5,584
Machinery, except electrical	439,113	442,237	441,167	511,221	511,347	530,879	41,063	(D)	(D)	21,869	17,747	17,826
Electric and electronic equipment	552,903	615,167	658,909	730,780	758,391	795,236	14,261	16,167	13,564	11,252	9,487	10,548
Transportation equip. exc. motor vehicles	487,924	527,272	562,134	592,906	633,187	685,081	3,068	6,771	4,310	3,268	2,463	2,557
Motor vehicles and equipment	17,017	17,698	21,948	9,303	(D)	(D)	11,543	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	74,494	64,262	59,696	51,924	36,064	31,322	12,015	11,627	13,823	15,382	14,405	13,063
Instruments and related products	436,727	468,855	484,225	518,867	534,085	548,287	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	38,560	36,805	32,329	32,496	36,358	37,722	7,650	4,581	4,745	5,828	4,745	5,644
Transportation and public utilities	382,538	406,833	436,774	484,212	521,216	556,381	72,575	75,995	70,575	76,322	79,531	77,875
Railroad transportation	21,996	16,268	11,229	10,779	10,041	(D)	5,599	4,823	4,260	4,950	4,891	3,476
Trucking and warehousing	106,295	115,134	123,723	138,509	145,700	160,392	15,500	15,598	15,499	18,027	19,281	21,700
Water transportation	12,134	12,436	15,732	20,501	20,647	25,598	9,824	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	85,866	91,305	105,539	124,604	139,555	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	91,135	96,733	101,321	105,316	113,707	121,881	23,781	27,843	26,022	25,011	25,829	24,145
Electric, gas, and sanitary services	65,112	74,957	79,230	84,503	91,566	99,198	(D)	9,754	10,452	11,279	12,427	12,595
Wholesale trade	659,976	751,799	731,968	835,899	1,028,856	1,019,788	70,968	75,805	72,629	65,462	61,904	58,864
Retail trade	790,514	824,513	922,760	1,021,242	1,098,577	1,265,546	161,936	165,561	157,907	166,914	178,041	176,381
Finance, insurance, and real estate	456,014	453,073	602,362	678,952	763,136	1,010,098	46,022	51,646	55,873	60,039	64,170	66,713
Banking and credit agencies	189,719	221,408	253,098	(D)	(D)	(D)	21,622	24,678	27,897	30,426	33,025	34,142
Other finance, insurance, and real estate[9]	266,295	231,665	349,264	(D)	(D)	(D)	24,400	26,968	27,976	29,613	31,145	32,571
Services	1,771,382	1,966,856	2,212,759	2,604,479	2,933,141	3,332,289	176,970	194,006	207,865	226,926	243,785	259,542
Hotels and other lodging places	14,410	14,457	22,371	(D)	(D)	(D)	14,179	13,174	14,251	13,950	12,796	13,307
Personal services	68,029	75,872	95,268	(D)	(D)	(D)	10,001	10,636	11,317	11,047	12,858	13,532
Private households	47,028	50,372	52,434	58,384	58,739	60,467	(D)	(D)	(D)	(D)	(D)	(D)
Business services	542,222	627,731	729,353	893,728	986,619	1,153,439	17,697	21,450	23,665	25,948	27,360	29,551
Auto repair, services, and garages	45,892	45,572	53,000	62,037	68,962	75,924	10,694	10,091	10,297	11,914	12,618	12,803
Miscellaneous repair services	18,935	21,549	26,622	31,008	30,551	34,560	2,850	3,175	3,879	4,425	3,857	3,589
Amusement and recreation services	(D)	55,254	54,474	59,154	69,776	73,609	4,827	4,846	5,150	5,479	5,547	4,983
Motion pictures	5,737	8,193	9,745	20,456	27,946	30,572	495	650	792	1,119	1,111	861
Health services	503,910	565,945	615,862	674,911	741,321	814,443	66,970	76,310	81,551	87,712	97,667	105,177
Legal services	108,384	119,705	141,632	173,657	196,151	226,878	10,196	11,841	12,732	14,546	15,988	17,857
Educational services	(D)	79,218	86,329	94,896	100,618	118,686	3,106	3,481	3,995	4,960	5,279	6,708
Social services	41,542	44,093	50,218	61,436	71,532	80,443	2,915	3,304	3,788	5,874	6,430	6,636
Museums, botanical, zoological gardens	1,017	1,163	1,271	1,744	2,033	2,206	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	53,731	59,178	62,697	68,040	73,366	77,523	9,509	10,741	11,742	12,911	14,046	15,158
Miscellaneous services	204,842	198,554	211,483	277,561	344,017	398,198	13,856	13,548	13,198	14,148	15,208	15,824
Government and government enterprises	649,669	690,922	737,768	811,930	1,001,754	974,707	173,539	192,114	213,008	232,190	269,209	290,612
Federal, civilian	91,901	98,436	101,541	117,801	129,303	127,732	25,580	27,169	27,820	29,328	31,503	31,057
Military	8,411	9,531	10,968	11,470	12,154	13,267	5,290	6,600	7,049	7,248	7,764	8,199
State and local	549,357	582,955	625,259	682,659	860,297	833,708	142,669	158,345	178,139	195,614	229,942	251,356

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Bryan—College Station, TX (MSA)						Buffalo, NY (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**827,420**	**953,055**	**1,037,116**	**1,137,303**	**1,190,799**	**1,217,805**	**10,839,502**	**11,269,229**	**11,758,387**	**12,651,220**	**13,243,876**	**13,958,448**
Nonfarm personal income	817,644	948,737	1,022,307	1,123,164	1,176,707	1,205,275	10,815,287	11,244,884	11,740,770	12,626,238	13,218,169	13,928,959
Farm income[1]	9,776	4,318	14,809	14,139	14,092	12,530	24,215	24,345	17,617	24,982	25,707	29,489
Population (thousands)[2]	102.3	112.8	116.9	118.8	121.3	120.8	1,005.8	998.6	986.8	975.4	968.1	964.7
Per capita personal income (dollars)	**8,087**	**8,451**	**8,872**	**9,574**	**9,813**	**10,081**	**10,777**	**11,285**	**11,916**	**12,971**	**13,680**	**14,469**
Derivation of total personal income:												
Total earnings by place of work	662,369	759,565	843,361	925,710	951,411	955,532	7,822,620	7,899,326	8,070,899	8,683,320	9,255,871	9,797,077
Less: Personal contributions for social insurance[3]	33,109	38,823	43,071	46,635	49,582	49,782	484,411	489,581	509,396	553,423	614,738	654,744
Plus: Adjustment for residence	−15,193	−20,798	−32,837	−35,101	−29,977	−24,491	−198,280	−234,030	−189,612	−195,681	−236,074	−288,068
Equals: Net earnings by place of residence	614,067	699,944	767,453	843,974	871,852	881,259	7,139,929	7,175,715	7,371,891	7,934,216	8,405,059	8,854,265
Plus: Dividends, interest, and rent[5]	119,521	145,524	151,685	169,703	184,326	190,879	1,810,112	1,946,001	2,072,409	2,291,439	2,337,949	2,482,656
Plus: Transfer payments	93,832	107,587	117,978	123,626	134,621	145,667	1,889,461	2,147,513	2,314,087	2,425,565	2,500,868	2,621,527
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	541,257	629,911	689,379	763,109	782,892	782,108	6,564,465	6,630,181	6,725,593	7,223,547	7,709,289	8,123,213
Other labor income	47,425	58,007	64,349	67,670	66,573	66,772	723,712	744,189	729,175	746,049	774,482	804,962
Proprietors' income[6]	73,687	71,647	89,633	94,931	101,946	106,652	534,443	524,956	616,131	713,724	772,100	868,902
Farm	7,783	2,083	12,662	12,035	11,959	10,385	15,602	14,959	8,646	16,207	16,799	20,531
Nonfarm	65,904	69,564	76,971	82,896	89,987	96,267	518,841	509,997	607,485	697,517	755,301	848,371
Earnings by industry:												
Farm	9,776	4,318	14,809	14,139	14,092	12,530	24,215	24,345	17,617	24,982	25,707	29,489
Nonfarm	652,593	755,247	828,552	911,571	937,319	943,002	7,798,405	7,874,981	8,053,282	8,658,338	9,230,164	9,767,588
Private	430,799	498,739	541,649	580,511	587,298	575,960	6,567,234	6,570,727	6,656,415	7,154,570	7,639,494	8,078,351
Agricultural services, forestry, fisheries, and other[7]	2,473	3,053	3,746	4,165	4,018	4,236	17,481	17,801	19,035	20,496	23,544	26,415
Agricultural services	2,441	3,062	3,647	4,095	3,978	4,186	(D)	17,077	18,346	20,105	22,948	25,717
Forestry, fisheries, and other[7]	(L)	(L)	99	70	(L)	50	(D)	724	689	391	596	698
Mining	41,808	45,919	41,202	48,257	38,728	23,710	33,420	32,675	37,266	40,087	44,472	40,021
Coal mining	145	(D)	(D)	(D)	0	0	116	130	149	260	271	283
Oil and gas extraction	(D)	42,587	34,257	39,963	(D)	(D)	27,436	26,294	31,488	35,355	39,351	34,849
Metal mining	0	0	0	0	0	0	(L)	−91	(L)	(L)	(L)	136
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	5,877	6,342	5,640	4,510	4,809	4,753
Construction	58,826	76,337	79,847	82,043	78,152	74,872	366,048	366,007	374,867	422,775	472,506	511,643
Manufacturing	62,031	63,771	64,839	68,748	65,207	67,491	2,585,738	2,434,130	2,271,449	2,356,447	2,445,904	2,448,965
Nondurable goods	17,184	16,694	18,284	19,362	19,827	18,308	715,798	744,745	714,047	743,328	754,194	782,733
Food and kindred products	4,041	4,016	4,012	4,262	4,225	4,211	164,941	174,343	180,226	182,853	174,603	188,457
Textile mill products	0	0	0	0	0	0	12,684	10,788	11,575	10,352	10,238	9,845
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	33,186	34,087	34,604	35,913	38,550	39,694
Paper and allied products	0	0	0	0	0	0	52,996	50,769	48,748	53,902	53,024	57,443
Printing and publishing	8,223	7,911	9,494	10,326	10,682	10,252	154,975	174,664	172,933	186,404	202,931	215,566
Chemicals and allied products	1,188	1,264	1,175	1,150	1,240	(D)	102,174	105,067	104,561	107,308	108,446	104,477
Petroleum and coal products	0	(L)	0	(D)	(D)	(D)	77,332	73,879	33,035	28,704	29,231	26,088
Tobacco manufactures	0	0	0	0	0	0	588	821	911	986	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	112,197	115,161	122,142	131,388	132,370	138,965
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	4,725	5,166	5,312	5,518	4,801	2,198
Durable goods	44,847	47,077	46,555	49,386	45,380	49,183	1,869,940	1,689,385	1,557,402	1,613,119	1,691,710	1,666,232
Lumber and wood products	(D)	(D)	(D)	1,321	(D)	(D)	7,672	7,570	8,165	8,910	9,013	10,320
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	14,419	13,539	13,514	16,038	17,463	17,794
Primary metal industries	6,454	(D)	(D)	5,977	(D)	4,737	498,540	339,689	257,094	151,619	121,529	109,958
Fabricated metal products	15,810	(D)	(D)	(D)	(D)	(D)	285,422	268,575	264,742	296,854	325,916	323,885
Machinery, except electrical	10,880	13,015	12,898	13,441	10,716	2,532	266,965	251,663	228,856	253,776	257,326	259,886
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	227,822	238,212	231,964	235,304	227,885	232,404
Transportation equip. exc. motor vehicles	0	0	0	0	0	(D)	7,765	7,649	7,363	8,587	7,845	7,576
Motor vehicles and equipment	2,359	(D)	(D)	(D)	(D)	(D)	374,669	376,078	361,342	443,145	520,809	489,369
Stone, clay, and glass products	3,750	4,499	5,143	5,356	5,244	5,476	43,496	38,856	38,240	43,829	45,608	46,068
Instruments and related products	1,837	1,765	1,841	2,020	2,415	(D)	78,222	80,671	78,196	84,828	90,624	94,783
Miscellaneous manufacturing industries	335	359	604	701	625	600	64,948	66,883	67,926	70,229	67,692	74,189
Transportation and public utilities	37,410	40,895	40,268	41,409	39,810	41,777	605,959	617,961	597,202	633,861	655,530	668,155
Railroad transportation	1,074	774	514	433	279	367	79,481	64,168	53,145	57,047	55,969	52,310
Trucking and warehousing	11,240	11,505	8,609	8,874	8,257	8,081	184,660	181,063	175,963	186,994	189,206	194,704
Water transportation	(L)	(L)	(L)	(D)	(L)	(D)	22,286	17,704	18,719	20,807	19,327	16,066
Other transportation[8]	(D)	(D)	(D)	(D)	2,678	(D)	62,379	59,507	61,507	68,767	72,129	81,904
Communication	20,565	24,770	27,274	27,702	27,399	29,833	137,290	163,617	146,753	151,194	155,583	158,428
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	1,207	1,170	119,863	131,902	141,115	149,052	163,316	164,743
Wholesale trade	22,339	25,637	32,530	37,358	36,562	35,308	506,783	523,835	526,536	565,103	605,558	642,239
Retail trade	82,029	95,057	101,376	104,993	110,805	110,639	668,349	688,099	751,187	798,410	852,440	920,923
Finance, insurance, and real estate	22,078	28,223	36,582	38,435	42,769	41,947	358,031	358,574	428,948	474,468	511,659	612,835
Banking and credit agencies	12,131	15,790	19,363	19,399	21,908	20,104	153,084	168,709	204,763	244,957	253,967	303,247
Other finance, insurance, and real estate[9]	9,947	12,433	17,219	19,036	20,861	21,843	204,947	189,865	224,185	229,511	257,692	309,588
Services	101,805	119,847	141,259	155,103	171,247	175,980	1,425,425	1,531,645	1,649,925	1,842,923	2,027,881	2,207,155
Hotels and other lodging places	4,442	4,660	4,502	4,744	4,224	3,983	29,663	26,815	29,659	34,051	33,936	34,810
Personal services	7,229	8,798	9,169	9,008	10,821	11,431	55,413	59,431	63,281	67,268	80,477	88,725
Private households	4,732	5,250	5,596	6,293	6,413	6,681	14,809	15,813	16,465	18,269	18,304	18,752
Business services	22,817	27,609	37,748	40,322	46,383	43,884	236,769	258,574	275,758	317,546	363,163	398,139
Auto repair, services, and garages	6,490	6,621	7,231	8,219	8,751	9,087	61,018	57,677	63,298	74,509	80,678	84,726
Miscellaneous repair services	2,316	2,822	2,968	3,430	2,902	2,653	29,935	31,606	32,544	35,796	35,691	37,983
Amusement and recreation services	1,388	1,604	1,715	2,364	2,716	2,285	55,132	50,501	55,529	60,861	66,788	67,061
Motion pictures	(L)	381	416	1,170	1,576	1,873	3,065	3,497	3,336	4,176	4,564	5,113
Health services	28,968	35,477	40,766	42,809	47,391	53,145	483,705	540,553	571,977	629,561	681,171	746,516
Legal services	4,555	5,145	6,335	7,440	8,144	9,145	110,868	127,533	147,043	178,553	198,349	226,493
Educational services	1,118	1,220	1,315	(D)	(D)	(D)	60,863	67,869	71,426	78,084	84,112	89,595
Social services	2,007	2,815	3,081	3,641	4,680	4,411	60,216	64,081	67,692	78,804	89,155	92,913
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	2,162	2,237	2,448	2,404	2,536	2,715
Membership organizations	4,526	5,495	6,012	6,487	6,834	6,977	76,825	85,364	87,636	89,101	91,294	85,694
Miscellaneous services	11,235	11,950	14,405	17,494	18,491	18,326	144,982	140,094	161,833	173,940	197,663	227,920
Government and government enterprises	221,794	256,508	286,903	331,060	350,021	367,042	1,231,171	1,304,254	1,396,867	1,503,768	1,590,670	1,689,237
Federal, civilian	20,437	22,624	24,541	25,144	26,860	26,597	195,186	204,163	206,039	224,889	234,644	229,494
Military	4,591	5,319	6,121	6,949	7,911	9,062	15,671	17,214	18,021	18,739	20,298	20,976
State and local	196,766	228,565	256,241	298,967	315,250	331,383	1,020,314	1,082,877	1,172,807	1,260,140	1,335,728	1,438,767

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Burlington, NC (MSA)						Burlington, VT (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**959,010**	**1,014,313**	**1,096,367**	**1,202,507**	**1,290,448**	**1,403,310**	**1,278,362**	**1,374,552**	**1,474,604**	**1,618,034**	**1,780,940**	**1,944,400**
Nonfarm personal income	947,037	1,003,424	1,090,711	1,189,294	1,279,829	1,392,621	1,264,211	1,361,194	1,465,420	1,608,235	1,770,158	1,932,787
Farm income[1]	11,973	10,889	5,656	13,213	10,619	10,689	14,151	13,358	9,184	9,799	10,782	11,613
Population (thousands)[2]	99.9	100.9	101.4	101.6	102.4	102.4	122.0	123.2	124.6	125.7	127.2	130.1
Per capita personal income (dollars)	**9,596**	**10,054**	**10,810**	**11,830**	**12,604**	**13,704**	**10,481**	**11,155**	**11,831**	**12,875**	**14,002**	**14,949**
Derivation of total personal income:												
Total earnings by place of work	633,079	650,347	712,803	792,215	846,305	936,406	1,081,087	1,170,823	1,271,246	1,393,381	1,541,031	1,686,755
Less: Personal contributions for social insurance[3]	37,795	40,273	43,670	48,327	54,171	60,275	59,323	62,603	63,637	70,369	81,767	90,696
Plus: Adjustment for residence	105,739	106,892	111,863	121,785	132,458	136,615	−85,611	−98,158	−106,443	−115,783	−128,571	−128,850
Equals: Net earnings by place of residence	701,023	716,966	780,996	865,673	924,592	1,012,746	936,153	1,010,062	1,101,166	1,207,229	1,330,693	1,467,209
Plus: Dividends, interest, and rent[5]	124,925	144,171	154,223	173,581	189,213	203,323	171,251	181,950	196,179	227,714	255,176	276,336
Plus: Transfer payments	133,062	153,176	161,148	163,253	176,643	187,241	170,958	182,540	177,259	183,091	195,071	200,855
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	521,375	537,453	586,390	647,756	692,862	765,925	888,937	973,064	1,052,920	1,152,415	1,274,879	1,391,078
Other labor income	46,809	51,264	56,206	59,728	62,443	68,709	93,613	105,648	114,802	121,139	129,546	140,106
Proprietors' income[6]	64,895	61,630	70,207	84,731	91,000	101,772	98,537	92,111	103,524	119,827	136,606	155,571
Farm	10,050	8,892	3,727	11,311	8,699	8,773	10,978	10,263	6,196	6,867	7,823	8,640
Nonfarm	54,845	52,738	66,480	73,420	82,301	92,999	87,559	81,848	97,328	112,960	128,783	146,931
Earnings by industry:												
Farm	11,973	10,889	5,656	13,213	10,619	10,689	14,151	13,358	9,184	9,799	10,782	11,613
Nonfarm	621,106	639,458	707,147	779,002	835,686	925,717	1,066,936	1,157,465	1,262,062	1,383,582	1,530,249	1,675,142
Private	563,373	577,596	643,228	710,412	760,127	844,919	912,833	990,854	1,082,798	1,189,384	1,318,299	1,448,714
Agricultural services, forestry, fisheries, and other[7]	1,215	1,350	1,907	1,792	1,517	1,780	2,295	2,509	3,439	3,746	3,579	4,712
Agricultural services	1,180	1,360	1,796	1,700	1,460	1,706	2,200	2,506	3,200	3,546	3,382	4,474
Forestry, fisheries, and other[7]	(L)	(L)	111	92	57	74	95	(L)	239	200	197	238
Mining	2,098	1,918	1,745	1,932	2,775	2,790	4,035	3,576	3,346	3,711	5,553	5,908
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,504	2,281	2,526	4,275	4,412
Metal mining	0	0	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,074	1,065	1,185	1,278	1,496
Construction	35,148	33,596	39,170	47,275	52,573	56,800	76,096	73,706	87,009	95,246	110,764	123,910
Manufacturing	265,728	263,310	292,307	327,508	348,259	384,507	381,581	426,711	444,955	478,884	516,477	539,401
Nondurable goods	205,981	192,530	209,878	217,930	226,152	248,148	30,503*	32,836*	34,619*	36,562*	39,928*	44,537*
Food and kindred products	3,572	3,931	4,626	5,744	5,736	6,456	10,699	11,623	12,044	11,769	11,654	12,939
Textile mill products	177,069	163,927	177,369	183,750	187,188	204,043	(D)	147	0	0	(D)	(D)
Apparel and other textile products	4,536	5,476	6,959	5,763	3,993	3,970	184	163	172	184	160	193
Paper and allied products	3,315	3,388	3,483	3,723	4,590	5,345	(D)	(D)	(D)	(D)	0	0
Printing and publishing	6,407	6,844	7,709	8,602	9,408	9,822	13,656*	15,128*	15,655*	16,498*	19,578*	22,184*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	4,286	4,232	5,047	6,133	6,260	6,702
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	6,171	3,166	3,537	3,951	9,198	11,929	1,063*	1,237*	1,385*	1,671*	2,013*	2,224*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	194	(D)	(D)	(D)	(D)	(D)
Durable goods	59,747	70,780	82,429	109,578	122,107	136,359	350,781*	393,585*	410,091*	441,929*	476,071*	494,485*
Lumber and wood products	3,427	3,070	4,374	5,392	5,777	6,686	2,846	2,295*	2,580*	3,062*	3,540*	4,200
Furniture and fixtures	8,225	7,839	8,049	9,385	10,187	9,410	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	2,096	(D)	(D)	10,816*	11,171*	12,813*	14,590*	15,621*	17,217*
Fabricated metal products	2,249	2,810	3,264	3,773	5,546	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	6,206	4,045	4,390	10,717	8,521	18,105	16,108	17,284	17,283	16,399	16,738	17,929
Electric and electronic equipment	(D)	(D)	(D)	50,002	58,496	59,639	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Motor vehicles and equipment	1,846	(D)	(D)	(D)	(D)	(D)	255	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,887	1,660	2,166	3,441	3,970	4,750	2,410	2,525	3,086	3,871	4,881	6,457
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	2,160	2,285	1,943	2,074	1,885	1,910
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	7,979	6,719	4,705	5,357	(D)	2,782
Transportation and public utilities	32,663	35,481	38,416	41,242	28,570	29,571	57,553	60,447	67,259	75,292	78,730	91,493
Railroad transportation	381	367	375	523	638	615	1,455	1,326	1,628	1,826	1,832	1,747
Trucking and warehousing	(D)	18,841	22,590	24,953	11,103	12,234	14,019	14,516	15,869	18,263	18,488	19,379
Water transportation	0	0	0	0	0	0	1,758	(D)	2,270*	2,400*	2,613*	2,976*
Other transportation[8]	809	969	1,173	1,362	1,435	1,557	10,151	11,214*	13,579*	14,763*	16,301*	16,929*
Communication	(D)	9,944	8,629	7,799	8,496	7,993	23,998	25,427	26,814	27,930	27,948	37,938
Electric, gas, and sanitary services	4,977	5,360	5,649	6,605	6,898	7,172	6,172	6,408	7,067	10,077	11,514	12,486
Wholesale trade	39,430	39,284	40,320	37,746	47,935	56,238	49,048	50,335	53,411	59,299	72,602	77,864
Retail trade	71,067	80,403	93,937	100,072	105,856	113,703	102,016	110,259	123,379	137,428	152,716	163,750
Finance, insurance, and real estate	22,312	22,192	24,257	26,904	29,531	35,068	44,294	44,512	52,016	55,575	64,488	82,410
Banking and credit agencies	9,395	9,797	10,707	11,361	10,958	12,011	20,521*	22,299*	23,944*	25,788*	28,913*	32,786*
Other finance, insurance, and real estate[9]	12,917	12,395	13,550	15,543	18,573	23,057	23,486*	22,000*	27,814*	29,545*	35,331*	49,178*
Services	93,712	100,062	111,169	125,941	143,111	164,462	195,915	218,799	247,984	280,203	313,390	359,266
Hotels and other lodging places	(D)	620	751	951	(D)	1,473	8,009*	8,859	10,286	11,464*	12,066*	14,081*
Personal services	10,030	10,230	11,254	11,899	14,105	15,539	7,863	8,898	10,870	11,953	14,523	16,341
Private households	4,160	4,488	4,691	5,275	5,350	5,538	1,892	2,028	2,120	2,363	2,385	2,464
Business services	8,861	8,797	11,866	15,704	19,770	24,110	21,392	26,255	30,078	36,780	43,060	55,348
Auto repair, services, and garages	4,134	4,073	5,097	5,784	6,418	7,119	8,043	8,724	9,220	10,808	11,576	13,295
Miscellaneous repair services	2,732	2,984	4,003	4,994	5,061	5,319	1,956	2,969	3,383	3,898	3,708	4,806
Amusement and recreation services	1,275	1,353	1,527	1,675	1,880	2,166	2,320*	2,647*	3,359*	4,544*	4,606*	5,477*
Motion pictures	139	(D)	(D)	(D)	139	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	36,998	42,927	46,634	51,210	57,106	67,296	85,825	95,650	106,622	114,667	125,654	141,898
Legal services	2,954	3,193	3,764	4,515	5,260	6,087	11,158	12,274	15,361	18,551	21,078	24,151
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	11,992	14,460	16,871	18,978	19,186	20,459
Social services	2,171	2,138	2,365	3,012	3,766	4,295	7,228	7,527	8,715	10,316	12,150*	10,556*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,692	4,948	5,032	4,872	4,829	4,720	4,680*	4,948*	5,149*	5,508	6,065	6,746
Miscellaneous services	9,678	8,434	7,844	9,194	10,870	12,596	21,618	21,353	23,620	27,231	33,759	38,825
Government and government enterprises	57,733	61,862	63,919	68,590	75,559	80,798	154,103	166,611	179,264	194,198	211,950	226,428
Federal, civilian	5,234	5,428	5,694	5,925	6,548	6,620	29,704	31,310	33,461	35,992	39,369	40,015
Military	1,365	1,968	1,661	1,740	1,882	2,048	4,021	4,562	4,880	5,373	5,847	6,444
State and local	51,134	54,466	56,564	60,925	67,129	72,130	120,378	130,739	140,923	152,833	166,734	179,969

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Canton, OH (MSA)						Casper, WY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,295,366**	**4,376,337**	**4,500,116**	**4,831,042**	**5,020,577**	**5,166,704**	**1,151,809**	**1,150,573**	**1,049,857**	**1,059,929**	**1,052,527**	**968,589**
Nonfarm personal income	4,288,171	4,368,825	4,498,401	4,819,615	5,010,206	5,155,381	1,148,659	1,149,336	1,047,786	1,058,359	1,050,493	966,626
Farm income[1]	7,195	7,512	1,715	11,427	10,371	11,323	3,150	1,237	2,071	1,570	2,034	1,963
Population (thousands)[2]	404.5	404.1	402.5	402.2	401.1	400.4	75.5	77.9	77.1	74.5	72.5	70.9
Per capita personal income (dollars)	**10,620**	**10,831**	**11,181**	**12,010**	**12,516**	**12,905**	**15,252**	**14,764**	**13,622**	**14,230**	**14,525**	**13,655**
Derivation of total personal income:												
Total earnings by place of work	3,067,187	2,965,666	2,987,213	3,262,526	3,388,369	3,443,288	980,091	951,620	825,423	832,901	813,028	709,923
Less: Personal contributions for social insurance[3]	187,014	188,400	196,361	215,532	234,238	240,165	44,949	50,046	42,081	42,943	43,446	38,303
Plus: Adjustment for residence	162,402	180,275	194,295	206,685	219,221	231,553	−16,158	−15,057	−11,832	−11,474	−10,990	−8,973
Equals: Net earnings by place of residence	3,042,575	2,957,541	2,985,147	3,253,679	3,373,352	3,434,676	918,984	886,517	771,510	778,484	758,592	662,647
Plus: Dividends, interest, and rent[5]	626,788	673,457	711,719	762,666	788,773	827,240	158,787	178,046	177,674	184,564	186,598	188,596
Plus: Transfer payments	626,003	745,339	803,250	814,697	858,452	904,788	74,038	86,010	100,673	96,881	107,337	117,346
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,552,478	2,477,079	2,476,214	2,694,623	2,795,745	2,820,664	814,130	794,169	676,331	683,461	659,706	564,324
Other labor income	301,180	292,789	292,478	307,252	309,583	310,094	73,315	74,546	63,152	60,005	56,291	48,642
Proprietors' income[6]	213,529	195,798	218,521	260,651	283,041	312,530	92,646	82,905	85,940	89,435	97,031	96,957
Farm	2,970	2,967	−2,656	7,135	6,019	6,934	637	−1,183	−279	−759	−323	−414
Nonfarm	210,559	192,831	221,177	253,516	277,022	305,596	92,009	84,088	86,219	90,194	97,354	97,371
Earnings by industry:												
Farm	7,195	7,512	1,715	11,427	10,371	11,323	3,150	1,237	2,071	1,570	2,034	1,963
Nonfarm	3,059,992	2,958,154	2,985,498	3,251,099	3,377,998	3,431,965	976,941	950,383	823,352	831,331	810,994	707,960
Private	2,818,747	2,697,884	2,686,442	2,937,419	3,050,531	3,088,356	880,961	845,927	709,495	715,046	689,804	596,484
Agricultural services, forestry, fisheries, and other[7]	6,346	6,858	8,159	8,712	10,674	13,041	2,179	2,254	2,212	2,231	1,937	1,983
Agricultural services	6,205	6,907	7,744	8,377	10,473	12,742	2,127	2,259	2,055	2,090	1,834	1,863
Forestry, fisheries, and other[7]	141	(L)	415	335	201	299	52	(L)	157	141	103	120
Mining	46,631	42,138	40,527	44,615	46,285	39,808	265,083	241,491	185,155	187,396	164,484	107,664
Coal mining	10,029	9,030	8,530	9,642	9,695	9,917	2,741	2,787	4,269	4,417	4,367	4,136
Oil and gas extraction	33,867*	29,977*	28,439*	31,312*	33,498*	27,938*	235,784	218,371	161,639	166,715	148,680	103,330
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	22,632	17,233	15,823	12,846	8,644	2,926
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	3,926	3,100	3,424	3,418	2,793	−2,728
Construction	153,456	157,732	151,468	181,650	194,053	194,597	96,377	90,179	71,935	69,136	65,982	60,151
Manufacturing	1,434,648	1,268,671	1,207,637	1,331,329	1,349,621	1,299,691	62,307	59,563	41,544	41,642	44,565	42,916
Nondurable goods	238,010	231,606	240,998	259,162	273,150	283,517	39,737	38,684	30,928	27,963	28,711	28,102
Food and kindred products	95,794	91,485	89,743	89,333	94,636	97,817	201	242	159	143	131	131
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	3,492	(D)	3,130*	3,061*	2,820	2,526	249	275	204	260	249	162
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	165	182	(L)	83	85	(L)
Printing and publishing	(D)	38,148	41,974	41,199*	45,073*	46,318*	7,245	7,703	7,133	7,417	8,007	7,728
Chemicals and allied products	17,577	17,770	18,172	19,747	21,815	23,277	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	16,468	15,479	15,659	15,924	15,375	17,121	31,225	29,850	23,207	19,678	19,844	19,367
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	51,548	47,344	52,745	59,065*	62,341*	64,703	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	0
Durable goods	1,196,638	1,037,065	966,639	1,072,167	1,076,471	1,016,174	22,570	20,879	10,616	13,679	15,854	14,814
Lumber and wood products	6,130*	5,548*	5,770*	6,639*	8,285*	9,869*	428	590	426	388	276	(D)
Furniture and fixtures	15,784	15,312*	14,552*	18,550*	23,412*	21,280*	0	0	0	0	0	0
Primary metal industries	459,313*	345,679*	333,717*	387,082*	375,964*	353,551*	0	0	0	0	0	0
Fabricated metal products	251,673*	239,798*	225,431*	228,250*	232,590*	216,522*	4,328	3,243	2,268	2,538	2,602	2,094
Machinery, except electrical	300,953	281,458	228,368	259,984	253,705	228,280	12,908	12,835	4,280	5,649	7,881	7,408
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	124,244*	(L)	(D)	(D)	520	514	248
Transportation equip. exc. motor vehicles	454	446	406	303	287	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	3,955	3,694	5,255	5,425	6,228	254	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	38,950	36,565	35,030	35,794	36,176	35,231	(D)	2,463	2,228	3,028	2,652	2,083
Instruments and related products	4,454	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,698	3,292*	3,595*	3,956	4,366	5,024	288	308	250	180	228	440
Transportation and public utilities	185,158	182,594	176,470	193,458	189,712	194,565	75,970	72,429	65,604	62,255	60,169	52,164
Railroad transportation	40,151	36,758	34,830	37,281	35,124	35,551	(D)	2,795	1,769	2,234	2,422	2,339
Trucking and warehousing	63,654	58,293	56,732	67,227	62,539	61,786	31,214	25,727	24,602	24,780	22,573	18,339
Water transportation	(L)	(L)	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Other transportation[8]	3,956*	3,368*	3,493*	3,941*	3,837*	5,561*	(D)	11,430	9,419	9,017	9,486	7,101
Communication	28,845*	30,676*	28,474*	29,720*	26,468*	26,804*	20,957	22,242	19,225	15,791	14,858	13,474
Electric, gas, and sanitary services	46,067	51,208	50,749	53,231	59,654	62,848	8,883	10,235	10,589	10,433	10,830	10,911
Wholesale trade	152,536	160,665	159,182	173,837	187,585	195,363	120,450	114,972	92,530	91,589	89,016	75,370
Retail trade	272,816	285,682	299,273	315,666	334,587	350,656	85,214	85,543	79,946	81,081	82,145	77,093
Finance, insurance, and real estate	109,389	109,527	123,932	118,283	117,436	136,516	36,211	35,494	38,211	38,016	39,571	41,012
Banking and credit agencies	42,475*	45,209*	48,986*	51,259*	54,382*	58,069*	17,698	19,187	19,335	19,507	19,272	18,498
Other finance, insurance, and real estate[9]	65,028*	63,060*	73,548*	65,569*	61,376*	76,161*	18,513	16,307	18,876	18,509	20,299	22,514
Services	457,767	484,017	519,794	569,869	620,578	664,119	137,170	144,002	132,358	141,700	141,935	138,131
Hotels and other lodging places	4,589	(D)	(D)	(D)	(D)	(D)	8,778	8,011	6,683	5,971	4,588	3,961
Personal services	24,397	26,322	27,606	29,347	35,194	36,083	7,728	8,557	7,752	7,940	9,623	9,523
Private households	5,027	5,346	5,521	6,101	6,101	6,242	(D)	955	999	1,101	1,094	1,114
Business services	43,903	47,867	56,702	68,642	76,755	82,514	30,195	37,470	31,029	33,847	30,255	23,363
Auto repair, services, and garages	20,868	16,348	17,617	21,169	22,554	24,162	9,124	8,954	8,181	8,797	8,767	8,401
Miscellaneous repair services	8,563	7,103	7,966	9,128	8,390	12,244	13,701	12,415	10,274	11,518	10,954	8,594
Amusement and recreation services	9,273	8,941	8,857	10,128	11,655	11,896	1,286	1,295	1,352	1,551	1,761	1,590
Motion pictures	729	668*	743*	857*	879*	799*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	222,160	251,106	269,140	282,981	301,535	317,507	20,937	22,712	24,023	25,562	27,060	32,992
Legal services	19,340	22,532	23,029	26,528	29,649	34,685	7,691	8,876	10,349	12,096	12,887	14,170
Educational services	14,396	14,477	14,735	16,406	18,350	19,783	943	1,017	1,002	1,188	1,253	1,307
Social services	14,933	(D)	12,983*	14,790	16,249	16,796	2,429	2,628	2,640	3,316	3,488	3,847
Museums, botanical, zoological gardens	529	553	565	573	628	666	(L)	(D)	(D)	(D)	(D)	(D)
Membership organizations	26,312	27,842	29,391	30,755	31,536	32,053	6,077	6,686	6,972	6,899	7,004	7,161
Miscellaneous services	42,748	37,580	39,253	47,082	54,866	59,779	27,081	24,124	20,764	21,565	22,836	21,743
Government and government enterprises	241,245	260,270	299,056	313,680	327,467	343,609	95,980	104,456	113,857	116,285	121,190	111,476
Federal, civilian	30,356	31,401	33,111	34,710	36,605	37,106	20,822	19,726	19,173	19,486	20,324	20,415
Military	3,733	4,392	4,944	5,010	5,473	5,820	1,219	1,345	1,673	1,705	1,729	1,910
State and local	207,156	224,477	261,001	273,960	285,389	300,683	73,939	83,385	93,011	95,094	99,137	89,151

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Cedar Rapids, IA (MSA)						Champaign—Urbana—Rantoul, IL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,961,501**	**2,022,962**	**2,060,264**	**2,180,147**	**2,304,539**	**2,416,959**	**1,671,655**	**1,780,017**	**1,836,618**	**2,043,833**	**2,169,590**	**2,287,318**
Nonfarm personal income	1,939,164	2,013,478	2,063,992	2,165,885	2,292,455	2,391,170	1,618,228	1,752,328	1,844,401	2,002,956	2,109,865	2,240,150
Farm income[1]	22,337	9,484	−3,728	14,262	12,084	25,789	53,427	27,689	−7,783	40,877	59,725	47,168
Population (thousands)[2]	169.6	168.6	168.1	168.9	169.0	168.8	170.5	171.5	170.2	170.6	170.5	171.1
Per capita personal income (dollars)	**11,564**	**11,997**	**12,258**	**12,906**	**13,633**	**14,319**	**9,807**	**10,378**	**10,789**	**11,979**	**12,728**	**13,366**
Derivation of total personal income:												
Total earnings by place of work	1,618,947	1,586,980	1,609,547	1,717,231	1,836,644	1,944,607	1,282,458	1,346,665	1,376,821	1,539,096	1,661,202	1,776,913
Less: Personal contributions for social insurance[3]	94,454	100,193	100,825	107,465	121,135	128,771	72,759	79,525	82,589	89,098	97,974	105,765
Plus: Adjustment for residence	−107,673	−99,702	−98,113	−103,022	−112,086	−124,590	−35,553	−34,189	−40,151	−30,063	−39,679	−62,246
Equals: Net earnings by place of residence	1,416,820	1,387,085	1,410,609	1,506,744	1,603,423	1,691,246	1,174,146	1,232,951	1,254,081	1,419,935	1,523,549	1,608,902
Plus: Dividends, interest, and rent[5]	327,159	383,098	380,731	406,909	419,149	431,121	282,749	313,265	325,335	357,998	365,680	385,069
Plus: Transfer payments	217,522	252,779	268,924	266,494	281,967	294,592	214,760	233,801	257,202	265,900	280,361	293,347
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,341,449	1,323,095	1,344,875	1,418,549	1,521,967	1,595,907	1,051,192	1,128,285	1,169,118	1,261,376	1,344,300	1,448,443
Other labor income	144,482	146,004	146,976	145,136	151,694	159,839	77,199	88,309	94,289	99,535	104,159	112,743
Proprietors' income[6]	133,016	117,881	117,696	153,546	162,983	188,861	154,067	130,071	113,414	178,185	212,743	215,727
Farm	18,601	5,699	−7,398	10,654	8,438	22,110	49,382	23,518	−11,810	36,909	55,677	43,094
Nonfarm	114,415	112,182	125,094	142,892	154,545	166,751	104,685	106,553	125,224	141,276	157,066	172,633
Earnings by industry:												
Farm	22,337	9,484	−3,728	14,262	12,084	25,789	53,427	27,689	−7,783	40,877	59,725	47,168
Nonfarm	1,596,610	1,577,496	1,613,275	1,702,969	1,824,560	1,918,818	1,229,031	1,318,976	1,384,604	1,498,219	1,601,477	1,729,745
Private	1,449,546	1,419,952	1,444,598	1,527,525	1,640,980	1,724,770	736,319	784,931	842,747	915,371	977,002	1,066,052
Agricultural services, forestry, fisheries, and other[7]	7,178	7,506	8,090	6,862	5,242	6,178	2,364	2,542	3,258	3,307	3,089	4,201
Agricultural services	7,089	7,529	7,736	6,467	5,050	5,933	2,329	2,535	3,128	3,230	2,948	4,039
Forestry, fisheries, and other[7]	89	(L)	354	395	192	245	(L)	(L)	130	77	141	162
Mining	8,277	7,272	6,820	8,001	9,316	8,305	4,214	3,752	3,541	3,791	4,799	4,644
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,877	3,370	2,772	2,917	4,180	4,111	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	4,400	3,902	4,048	5,084	5,136	4,194	(D)	(D)	(D)	(D)	(D)	(D)
Construction	95,304	78,278	78,107	80,439	91,457	93,686	58,836	65,944	69,931	77,846	84,918	94,411
Manufacturing	650,400	619,629	584,963	604,020	647,556	688,791	128,566	134,055	144,765	154,718	163,881	180,552
Nondurable goods	183,290	197,752	196,766	201,727	207,164	218,040	87,569	96,261	96,373	101,521	110,345	123,884
Food and kindred products	146,514	161,915	157,383	157,616	160,573	168,468	65,783	71,902	68,352	72,027	71,834	77,330
Textile mill products	0	0	0	0	0	(D)	0	(D)	(D)	0	0	0
Apparel and other textile products	(D)	167	206	292	318	363	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	8,431	0	0	0	0	0	(D)
Printing and publishing	19,599	19,828	21,805	23,880	25,641	27,221	15,737	18,580	20,081	22,001	24,873	26,891
Chemicals and allied products	826	(D)	(D)	1,084	1,005	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	118	183	0	0	442	559
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)	2,327	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	0	0	0
Durable goods	467,110	421,877	388,197	402,293	440,392	470,751	40,997	37,794	48,392	53,197	53,536	56,668
Lumber and wood products	855	608	551	552	614	712	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	313	271
Primary metal industries	(D)	(D)	(D)	(D)	(D)	976	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	29,820	28,543	28,185	30,321	28,768	16,175	(D)	5,076	13,007	14,925	(D)	(D)
Machinery, except electrical	164,697	123,016	113,905	126,403	141,097	133,338	6,434	6,860	7,376	8,284	10,061	11,956
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,639	1,690	1,577	(D)	882	2,320
Transportation equip. exc. motor vehicles	0	(D)	(D)	(D)	(D)	(D)	(D)	6,726	3,939	3,574	2,661	4,212
Motor vehicles and equipment	4,650	(D)	(D)	(D)	(D)	0	907	1,616	2,660	(D)	(D)	(D)
Stone, clay, and glass products	6,922	6,230	4,448	3,513	2,889	3,090	2,111	2,018	2,313	2,231	2,041	3,201
Instruments and related products	1,217	1,566	2,384	2,918	3,306	3,252	1,361	1,433	1,715	3,420	3,617	3,627
Miscellaneous manufacturing industries	8,516	8,405	9,608	10,905	(D)	11,117	(D)	(D)	(D)	1,211	1,346	1,442
Transportation and public utilities	99,294	106,418	109,792	107,560	111,185	131,236	63,865	66,868	68,553	72,092	69,813	70,290
Railroad transportation	2,210	1,529	881	943	846	466	9,580	10,475	11,676	11,651	10,160	6,709
Trucking and warehousing	(D)	36,614	36,029	(D)	37,903	39,856	14,718	15,377	15,326	18,758	17,913	18,345
Water transportation	0	0	0	0	(D)	(D)	0	0	0	(D)	0	0
Other transportation[8]	5,843	(D)	(D)	7,969	7,930	9,636	6,208	6,143	6,035	(D)	6,956	7,212
Communication	25,534	27,247	26,930	21,565	21,402	36,811	24,241	25,879	26,427	25,275	23,294	26,121
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	9,118	8,994	9,089	10,063	11,490	11,903
Wholesale trade	101,019	98,019	103,625	116,472	126,639	118,314	82,022	85,582	84,106	94,760	104,778	112,450
Retail trade	149,969	148,359	160,505	171,520	175,254	182,821	130,394	135,228	147,944	155,484	159,216	161,418
Finance, insurance, and real estate	83,332	82,454	95,163	103,399	110,874	113,568	39,422	40,172	43,970	50,009	58,836	72,222
Banking and credit agencies	24,306	25,382	26,721	28,774	29,570	31,153	20,004	21,800	23,392	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	59,026	57,072	68,442	74,625	81,304	82,415	19,418	18,372	20,578	(D)	(D)	(D)
Services	254,773	272,017	297,533	329,252	363,457	381,871	226,636	250,788	276,679	303,364	327,672	365,864
Hotels and other lodging places	7,590	6,496	7,596	6,966	6,494	6,525	5,487	5,446	6,205	8,753	8,339	8,635
Personal services	14,094	14,570	15,252	17,063	20,048	21,058	15,120	17,669	18,788	17,752	17,087	17,042
Private households	3,021	3,213	3,323	3,679	3,641	3,687	4,801	5,117	5,306	5,889	5,895	6,039
Business services	43,598	48,880	55,650	63,355	78,767	83,652	32,978	38,549	48,549	58,581	66,100	77,708
Auto repair, services, and garages	11,971	12,366	13,721	16,944	17,746	18,042	8,282	8,633	10,132	11,280	13,587	14,146
Miscellaneous repair services	4,941	4,748	5,267	5,726	5,476	6,011	3,724	4,464	5,561	5,926	5,128	5,247
Amusement and recreation services	4,311	4,200	4,244	4,649	4,982	5,465	3,343	3,517	3,781	3,681	4,024	4,507
Motion pictures	1,683	1,431	1,550	1,674	1,946	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	102,644	110,769	116,507	123,355	132,813	138,447	96,573	106,668	112,775	122,321	127,589	141,480
Legal services	15,954	17,817	21,379	28,723	30,880	33,578	10,301	12,310	14,577	16,493	17,989	21,607
Educational services	13,578	14,863	16,495	18,154	19,004	20,384	1,378	1,498	2,177	2,410	2,463	2,782
Social services	5,850	6,002	6,628	7,441	8,265	8,824	8,314	9,146	10,004	12,862	17,616	20,542
Museums, botanical, zoological gardens	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,488	11,279	11,478	11,910	12,120	12,796	14,912	17,000	18,058	18,220	19,859	20,729
Miscellaneous services	15,050	15,383	18,443	19,613	21,275	21,358	20,732	20,029	20,155	18,478	21,162	24,539
Government and government enterprises	147,064	157,544	168,677	175,444	183,580	194,048	492,712	534,045	541,857	582,848	624,475	663,693
Federal, civilian	22,960	24,248	26,155	27,455	29,249	30,713	59,382	62,414	65,440	66,028	62,538	61,517
Military	2,209	2,619	3,081	3,049	3,155	3,526	91,534	96,987	87,570	95,356	112,949	109,091
State and local	121,895	130,677	139,441	144,940	151,176	159,809	341,796	374,644	388,847	421,464	448,988	493,085

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Charleston, SC (MSA)						Charleston, WV (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,783,930**	**4,058,182**	**4,382,127**	**4,824,796**	**5,169,429**	**5,482,239**	**2,812,101**	**2,996,982**	**3,039,361**	**3,179,472**	**3,309,169**	**3,415,068**
Nonfarm personal income	3,768,353	4,031,200	4,368,745	4,794,342	5,148,007	5,466,322	2,810,457	2,995,623	3,038,640	3,176,724	3,307,755	3,413,945
Farm income[1]	15,577	26,982	13,382	30,454	21,422	15,917	1,644	1,359	721	2,748	1,414	1,123
Population (thousands)[2]	446.7	455.7	465.7	473.6	477.0	485.7	270.2	269.9	268.4	271.8	269.1	266.4
Per capita personal income (dollars)	**8,470**	**8,905**	**9,411**	**10,187**	**10,838**	**11,288**	**10,408**	**11,105**	**11,322**	**11,696**	**12,297**	**12,819**
Derivation of total personal income:												
Total earnings by place of work	3,008,190	3,202,179	3,426,811	3,807,570	4,056,439	4,300,136	2,273,413	2,371,258	2,358,766	2,447,817	2,533,974	2,600,293
Less: Personal contributions for social insurance[3]	164,677	180,141	191,266	213,218	234,704	251,272	124,010	133,837	134,626	140,394	152,170	157,728
Plus: Adjustment for residence	−36,688	−39,324	−25,965	−37,543	−43,777	−46,065	−178,345	−168,604	−176,233	−186,333	−186,676	−201,796
Equals: Net earnings by place of residence	2,806,825	2,982,714	3,209,580	3,556,809	3,777,958	4,002,799	1,971,058	2,068,817	2,047,907	2,121,090	2,195,128	2,240,769
Plus: Dividends, interest, and rent[5]	381,900	421,078	469,806	535,118	591,599	634,228	382,054	424,846	438,807	480,848	504,447	522,506
Plus: Transfer payments	595,205	654,390	702,741	732,869	799,872	845,212	458,989	503,319	552,647	577,534	609,594	651,793
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,619,356	2,805,621	2,995,685	3,300,943	3,515,190	3,721,493	1,924,003	2,007,741	1,984,527	2,060,258	2,133,108	2,181,546
Other labor income	183,390	203,220	219,870	239,577	252,378	263,280	203,791	226,558	222,524	216,691	216,083	216,610
Proprietors' income[6]	205,444	193,338	211,256	267,050	288,871	315,363	145,619	136,959	151,715	170,868	184,783	202,137
Farm	11,782	22,802	9,363	26,516	17,454	11,942	1,347	1,025	398	2,430	1,093	800
Nonfarm	193,662	170,536	201,893	240,534	271,417	303,421	144,272	135,934	151,317	168,438	183,690	201,337
Earnings by industry:												
Farm	15,577	26,982	13,382	30,454	21,422	15,917	1,644	1,359	721	2,748	1,414	1,123
Nonfarm	2,992,613	3,175,197	3,413,429	3,777,116	4,035,017	4,284,219	2,271,769	2,369,899	2,358,045	2,445,069	2,532,560	2,599,170
Private	1,766,746	1,825,300	1,965,099	2,233,407	2,415,428	2,596,920	1,946,376	2,025,350	2,007,115	2,068,088	2,127,183	2,173,017
Agricultural services, forestry, fisheries, and other[7]	14,813	14,296	16,364	16,761	21,011	24,630	3,630	4,068	4,199	4,226	4,224	4,826
Agricultural services	(D)	8,438*	8,411*	9,335*	(D)	(D)	3,583	4,068	4,017	4,110	4,072	4,651
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	182	116	152	175
Mining	5,353*	5,462	5,086	(D)	(D)	(D)	198,681	186,934	144,956	128,544	99,978	102,467
Coal mining	90	(D)	(D)	(D)	(D)	(D)	174,011	(D)	123,891*	105,560	73,368	74,770
Oil and gas extraction	4,891*	4,055*	3,520*	3,961*	6,267*	(D)	21,520*	22,288	20,276	21,582*	(D)	(D)
Metal mining	0	0	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,523*	1,183*	(D)	(D)	(D)	(D)
Construction	193,609	202,452	203,809	241,932	259,531	286,408	146,837	140,041	136,003	131,939	132,172	140,631
Manufacturing	431,229	423,393	444,503	496,289	506,657	518,550	460,617	492,588	461,532	458,636	487,344	455,396
Nondurable goods	201,398	205,616	211,867	224,837	229,590	236,873	394,186	427,890	410,511	394,049	413,111	396,419
Food and kindred products	11,348*	(D)	(D)	(D)	(D)	(D)	16,669*	(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)	(D)	148	126	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	12,880*	13,814	14,979	16,404	19,873	20,931	12,175	12,039	13,216	12,430*	14,596*	15,479*
Chemicals and allied products	55,696	65,652	67,944	70,747	69,140	66,439	355,478	390,439	377,111	366,953	383,327	364,823
Petroleum and coal products	7,595	10,784	12,788	12,812	11,006	12,567	5,525	5,971	2,262	737*	0	0
Tobacco manufactures	933	671	615	(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	69	0	0	0	0	0	0	0	0	0	0	0
Durable goods	229,831	217,777	232,636	271,452	277,067	281,677	66,431	64,698	51,021	64,587	74,233	58,977
Lumber and wood products	31,060	24,920	28,053	30,811	34,872	40,759	1,794	1,514	1,657	2,313	2,013*	1,681
Furniture and fixtures	(D)	3,674	6,073	8,693	10,199	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	6,431	7,283	6,017	48,455	45,277	35,982	48,199	52,517*	42,250*
Machinery, except electrical	46,432*	(D)	(D)	(D)	(D)	(D)	6,282*	6,143*	5,318*	6,236*	6,195*	5,906*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	44,417*	45,267*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	16,427	0	0	(D)	(D)	(D)	0	(D)	(D)	0	0	0
Stone, clay, and glass products	28,358*	27,647*	28,711*	31,240*	31,166*	32,950	3,747*	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,131	1,593	890	907	901	937
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	187,391	190,413	200,726	220,305	230,482	236,640	253,191	263,241	265,529	281,636	280,475	278,842
Railroad transportation	(D)	(D)	(D)	(D)	(D)	(D)	16,660	16,489	16,980	17,386	16,050	14,487
Trucking and warehousing	41,724	41,927	47,923	59,166	60,517	63,852	61,290	55,276	56,093	58,956	57,872	57,513
Water transportation	41,974*	39,209*	38,637*	43,873*	44,836*	43,628	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	23,959*	23,493*	25,048*	28,685*	30,614*	33,360*	9,622	10,068	9,985	11,374	12,215	(D)
Communication	45,974*	49,025*	48,835*	45,500*	46,655*	47,585*	(D)	(D)	(D)	(D)	(D)	81,697
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	128,872*	143,607	146,740	152,368*	169,122*	174,029*	173,157	184,477	180,187	188,597	195,342	193,731
Retail trade	264,076	284,922	327,723	369,981	403,872	432,294	214,896	217,781	233,794	254,397	259,894	269,896
Finance, insurance, and real estate	106,183	109,614	125,249	140,604	152,491	170,931	100,090	100,008	114,606	122,117	134,466	152,024
Banking and credit agencies	31,829*	35,841	40,738	46,442	53,021	57,724*	38,491	41,297	44,853	48,962	52,656	56,191
Other finance, insurance, and real estate[9]	71,695*	73,773	84,511	94,162	99,470	107,262*	61,599	58,711	69,753	73,155	81,810	95,833
Services	425,686	451,141	494,899	576,664	652,944	734,453	395,277	436,212	466,309	497,996	533,288	575,204
Hotels and other lodging places	17,948*	18,529	20,406	24,827	26,529	31,303	8,924*	10,572*	10,595*	11,154*	10,905*	10,788*
Personal services	21,379	23,491	25,826	27,638	31,382	34,278	18,393	19,571	20,649	21,991	25,847	27,767
Private households	22,490	24,324	25,442	28,541	28,870	29,936	5,335	5,716	5,914	6,512	6,466	6,561
Business services	43,369	44,900	50,585	65,563	76,157	94,298	39,693	41,610	45,436	48,496	54,167	61,884
Auto repair, services, and garages	22,693	22,017	25,598	30,260	35,767	40,478	12,785	13,096	14,810	15,191	15,925	15,766
Miscellaneous repair services	17,132	19,750	20,514	24,204	25,624	25,825	10,470	10,730	10,233	9,798	(D)	8,796
Amusement and recreation services	9,874	11,519	12,497	14,734	17,981	20,628	5,028*	4,932*	(D)	(D)	6,559*	8,403
Motion pictures	(D)	839*	1,000*	1,307*	3,031*	1,462*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	121,568	140,378	154,593	172,595	196,055	220,176	178,220	213,441	228,971	240,118	251,984	270,207
Legal services	29,539	32,749	37,430	43,477	48,410	56,857	38,920	42,868	49,633	56,737	60,134	66,262
Educational services	12,714	13,164*	12,929*	14,126*	14,028*	16,623	6,925	6,251	6,295	8,129	9,051	9,814
Social services	(D)	11,636	12,463	14,492	16,363	18,962	10,674*	10,606	11,725	12,825	13,375*	14,482*
Museums, botanical, zoological gardens	(D)	1,082	1,063	540	839	1,178	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	21,646	22,972	23,165	24,892	25,486	26,533
Miscellaneous services	72,516	62,962	70,357	89,148	106,151	117,811	37,064	32,779	32,518	36,130	(D)	(D)
Government and government enterprises	1,225,867	1,349,897	1,448,330	1,543,709	1,619,589	1,687,299	325,393	344,549	350,930	376,981	405,377	426,153
Federal, civilian	401,996	434,732	479,613	506,748	515,997	514,878	42,357	43,557	45,028	50,150	51,827	51,866
Military	470,394	540,287	568,949	599,263	624,047	637,700	4,520	5,287	5,978	6,077	6,274	6,913
State and local	353,477	374,878	399,768	437,698	479,545	534,721	278,516	295,705	299,924	320,754	347,276	367,374

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Charlotte—Gastonia—Rock Hill, NC—SC (MSA)						Charlottesville, VA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**9,829,045**	**10,449,755**	**11,417,769**	**12,833,500**	**13,962,971**	**15,206,438**	**1,145,131**	**1,250,798**	**1,353,231**	**1,495,141**	**1,630,666**	**1,781,972**
Nonfarm personal income	9,778,265	10,382,629	11,354,604	12,679,448	13,803,557	15,003,312	1,137,428	1,245,304	1,347,787	1,479,109	1,617,058	1,765,414
Farm income[1]	50,780	67,126	63,165	154,052	159,414	203,126	7,703	5,494	5,444	16,032	13,608	16,558
Population (thousands)[2]	990.0	1,004.6	1,014.3	1,031.4	1,053.3	1,065.4	115.2	116.1	116.9	118.8	119.8	121.4
Per capita personal income (dollars)	**9,928**	**10,402**	**11,257**	**12,442**	**13,257**	**14,273**	**9,944**	**10,770**	**11,575**	**12,586**	**13,615**	**14,678**
Derivation of total personal income:												
Total earnings by place of work	8,278,602	8,717,112	9,563,313	10,872,577	11,813,354	12,894,136	870,253	932,736	1,028,743	1,126,304	1,218,543	1,338,872
Less: Personal contributions for social insurance[3]	488,717	528,384	571,277	646,034	734,200	805,489	43,542	47,756	51,727	53,169	58,297	63,983
Plus: Adjustment for residence	−363,099	−402,946	−442,544	−506,544	−523,323	−512,501	−80,993	−87,381	−106,558	−110,254	−111,721	−116,104
Equals: Net earnings by place of residence	7,426,786	7,785,782	8,549,492	9,719,999	10,555,831	11,576,146	745,718	797,599	870,458	962,881	1,048,525	1,158,785
Plus: Dividends, interest, and rent[4]	1,232,294	1,355,958	1,455,825	1,659,922	1,827,026	1,965,399	245,745	281,958	295,121	336,519	368,806	398,468
Plus: Transfer payments	1,169,965	1,308,015	1,412,452	1,453,579	1,580,114	1,664,893	153,668	171,241	187,652	195,741	213,335	224,719
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,047,017	7,398,039	8,044,314	9,087,466	9,879,265	10,734,662	731,964	791,815	863,897	936,544	1,010,374	1,103,281
Other labor income	693,691	780,740	857,381	913,938	966,460	1,041,400	62,611	71,333	79,546	82,097	86,423	93,741
Proprietors' income[5]	537,894	538,333	661,618	871,173	967,629	1,118,074	75,678	69,588	85,300	107,663	121,746	141,850
Farm	39,098	53,618	50,153	141,272	146,495	190,165	3,861	1,044	1,141	11,782	9,297	12,244
Nonfarm	498,796	484,715	611,465	729,901	821,134	927,909	71,817	68,544	84,159	95,881	112,449	129,606
Earnings by industry:												
Farm	50,780	67,126	63,165	154,052	159,414	203,126	7,703	5,494	5,444	16,032	13,608	16,558
Nonfarm	8,227,822	8,649,986	9,500,148	10,718,525	11,653,940	12,691,010	862,550	927,242	1,023,299	1,110,272	1,204,935	1,322,314
Private	7,436,442	7,797,480	8,603,474	9,740,557	10,566,805	11,509,992	574,788	615,437	694,455	762,262	826,328	905,086
Agricultural services, forestry, fisheries, and other[7]	25,119	26,647	31,682	36,483	41,697	45,516*	3,632	3,859	4,915	5,005	5,962	6,285*
Agricultural services	(D)	25,081	28,286	(D)	(D)	(D)	3,314*	3,678	4,457	4,717	5,264	5,559*
Forestry, fisheries, and other[7]	(D)	1,566	3,396	2,845*	(D)	2,972*	213*	181	458	288	698	748
Mining	26,251	22,779	20,909	22,562	32,425	30,541*	7,179	6,062*	5,525*	5,639*	7,733*	8,655
Coal mining	132*	102*	115*	149	153	162	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	14,588*	23,272*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	−80	(L)	(D)	(D)	385	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	543,630	519,617	555,822	700,062	790,082	905,799	47,876	49,436	60,602	73,634	84,297	95,098
Manufacturing	2,461,693	2,494,468	2,778,907	3,044,836	3,119,803	3,362,126	168,301	171,683	181,772	188,636	188,209	199,714
Nondurable goods	1,627,996	1,617,516	1,796,872	1,907,839	1,929,699	2,098,445	54,983*	56,955*	60,598*	67,569*	65,559*	58,670*
Food and kindred products	139,785*	143,061*	149,288*	163,250*	187,764*	174,435*	24,512*	24,268*	25,744*	32,675*	31,654*	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	879,376	(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	102,821	109,850	122,671	141,243	163,430	179,584	13,211	14,505*	14,831*	15,738*	17,984*	17,792*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,274	3,169	4,163	4,508*	4,649*	5,595	0	0	0	0	0	0
Tobacco manufactures	76	0	27,289	43,040	53,822	60,305	0	0	0	0	0	0
Rubber and misc. plastic products	97,720*	112,371*	112,752*	141,848*	158,231*	168,143*	0	0	0	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	833,697	876,952	982,035	1,136,997	1,190,104	1,263,681	112,770*	114,155*	120,519*	120,282*	121,612*	139,956*
Lumber and wood products	40,017	(D)	(D)	(D)	(D)	66,302	4,905*	4,658*	5,279*	6,064*	7,128	7,244
Furniture and fixtures	(D)	30,222*	30,072*	35,141*	39,143*	50,329*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	69,101*	(D)	(D)	0	0	0	0	(D)	(D)
Fabricated metal products	117,899*	122,499*	139,167*	137,424*	133,706*	157,038	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	364,082*	423,047	441,618	484,789	494,619*	530,492	(D)	1,116*	1,478*	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	81,167	(D)	(D)	(D)	89,759	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	0	0
Motor vehicles and equipment	84,790	78,733*	115,763*	146,307*	(D)	(D)	0	0	0	0	0	0
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)	(D)	(D)	3,029	3,296	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	(D)	(D)	1,338,540*	42,252*	(D)	(D)	61,900	67,590	71,504
Railroad transportation	29,932*	32,707	37,394	40,660	39,249	37,321	3,862*	4,116	4,308	(D)	(D)	3,189
Trucking and warehousing	312,458*	(D)	(D)	(D)	(D)	(D)	7,032	7,721	8,091	9,149	7,676	(D)
Water transportation	198	(D)	445*	446*	(D)	(D)	(L)	−52	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,860	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	224,275*	(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	843,120	910,233	912,847	1,070,556	1,222,236	1,232,984	28,658*	34,228*	44,041*	48,649*	49,019*	53,725*
Retail trade	811,783	855,891	977,437	1,096,126	1,199,020	1,322,289	86,025	90,804	101,671	110,110	119,741	130,900
Finance, insurance, and real estate	486,491	530,004	617,844	667,516	747,684	913,080	44,817	44,249	54,307	59,235	65,740	75,617
Banking and credit agencies	189,088*	228,987*	247,122*	249,853*	281,805*	337,823*	(D)	14,451*	15,578*	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	281,790*	288,946*	357,112*	402,371*	449,382*	556,243*	(D)	28,707*	37,338*	(D)	(D)	(D)
Services	1,177,533*	1,255,366*	1,398,687*	1,679,165*	1,895,791*	2,090,509*	136,552*	158,303*	178,675*	209,158	237,658	262,751
Hotels and other lodging places	26,917*	30,708*	36,791*	45,054*	48,545*	55,481*	6,747	6,912*	8,080*	9,854*	12,423*	13,709*
Personal services	78,279	85,710	94,375	103,501	124,648	141,202	9,501	10,424	11,865	12,758	15,137	17,152
Private households	45,102	48,687	50,934	57,295	58,128	60,205	9,482	10,220	10,727	12,041	12,185	12,663
Business services	237,307	253,528	291,572	400,619	481,778	550,488	22,250	25,491	30,123	33,975	39,426	45,261
Auto repair, services, and garages	67,232	63,229	76,483	93,362	104,666	110,769	6,795	7,179	8,038	9,540	10,753	11,800
Miscellaneous repair services	40,758	43,013	53,171	62,752	59,903	62,413	1,998	2,617	3,349	3,847	3,616	3,784
Amusement and recreation services	29,014	30,431	33,856	37,456	42,231	48,753	2,894*	3,470*	3,895*	4,565*	5,101*	5,846*
Motion pictures	9,041*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	304,293*	342,806*	379,867*	417,483*	488,722	551,734	40,844	45,511	49,570	55,660	64,073	70,671
Legal services	69,121	77,900	87,374	107,659	123,674	138,785	6,111	7,320	8,237	9,959	11,415	12,714
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	37,139	38,375	40,663	45,909	52,179	59,898	(D)	5,046*	6,271*	6,712*	7,440*	8,589*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	53,311*	60,529	63,042	64,853	66,945	67,159	(D)	7,870	8,285	9,132	9,834	10,920
Miscellaneous services	186,523	177,220	190,432	245,581	296,261	302,740	14,685	21,309	25,323	29,851	34,461	36,974
Government and government enterprises	791,380	852,506	896,674	977,968	1,087,135	1,181,018	287,762	311,805	328,844	348,010	378,607	417,228
Federal, civilian	117,872	125,768	140,291	149,634	162,459	168,953	26,288	27,759	29,249	32,080	33,876	35,084
Military	16,697	23,704	22,082	26,150	29,454	30,177	8,005	10,048	11,147	13,805	14,031	15,141
State and local	656,811	703,034	734,301	802,184	895,222	981,888	253,469	273,998	288,448	302,125	330,700	367,003

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Chattanooga, TN—GA (MSA)						Cheyenne, WY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,892,827**	**4,079,759**	**4,292,158**	**4,628,285**	**4,961,286**	**5,333,131**	**832,254**	**888,392**	**906,197**	**947,664**	**995,937**	**1,020,430**
Nonfarm personal income	3,876,071	4,061,039	4,278,863	4,603,821	4,938,300	5,307,780	827,211	886,205	903,770	946,194	993,467	1,018,213
Farm income[1]	16,756	18,720	13,295	24,464	22,986	25,351	5,043	2,187	2,427	1,470	2,470	2,217
Population (thousands)[2]	430.5	427.8	422.9	425.1	424.7	425.5	70.5	71.3	73.1	73.6	73.3	75.2
Per capita personal income (dollars)	**9,042**	**9,536**	**10,149**	**10,888**	**11,682**	**12,533**	**11,813**	**12,454**	**12,392**	**12,872**	**13,580**	**13,567**
Derivation of total personal income:												
Total earnings by place of work	3,051,674	3,130,815	3,270,327	3,562,813	3,805,397	4,111,012	656,732	696,864	695,274	731,310	763,674	777,560
Less: Personal contributions for social insurance[3]	184,796	195,629	192,177	208,001	231,959	252,675	29,418	37,041	33,051	35,678	38,606	39,905
Plus: Adjustment for residence	−83,292	−76,450	−79,213	−101,354	−103,851	−114,489	−20,139	−21,059	−20,207	−21,134	−21,544	−21,283
Equals: Net earnings by place of residence	2,783,586	2,858,736	2,998,937	3,253,458	3,469,587	3,743,848	607,175	638,764	642,016	674,498	703,524	716,372
Plus: Dividends, interest, and rent[4]	505,911	563,064	590,593	647,997	707,462	759,457	120,189	132,731	130,571	138,796	147,108	148,038
Plus: Transfer payments	603,330	657,959	702,628	726,830	784,237	829,826	104,890	116,897	133,610	134,370	145,305	156,020
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,532,367	2,595,528	2,687,735	2,907,391	3,100,484	3,336,534	568,193	607,608	605,030	637,221	663,740	675,827
Other labor income	247,332	263,924	272,075	281,556	292,848	311,918	40,206	45,683	45,400	45,417	45,802	45,122
Proprietors' income[6]	271,975	271,363	310,517	373,866	412,065	462,560	48,333	43,573	44,844	48,672	54,132	56,611
Farm	14,472	16,262	10,921	22,117	20,624	22,979	1,408	−1,295	−955	−1,885	−925	−1,205
Nonfarm	257,503	255,101	299,596	351,749	391,441	439,581	46,925	44,868	45,799	50,557	55,057	57,816
Earnings by industry:												
Farm	16,756	18,720	13,295	24,464	22,986	25,351	5,043	2,187	2,427	1,470	2,470	2,217
Nonfarm	3,034,918	3,112,095	3,257,032	3,538,349	3,782,411	4,085,661	651,689	694,677	692,847	729,840	761,204	775,343
Private	2,472,892	2,523,020	2,645,056	2,885,189	3,089,874	3,352,858	432,032	452,529	428,631	448,145	463,753	465,491
Agricultural services, forestry, fisheries, and other[7]	7,111	7,771	9,964	9,893	10,295	11,120	1,659	1,842	1,797	2,285	2,164	2,478
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	1,591	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	391*	(D)	(D)	(D)	1,707*	1,909*	68	(D)	(D)	(D)	(D)	(D)
Mining	40,841*	43,160	34,272	35,487	37,614	39,913	13,816	18,538	14,349	11,627	10,062	7,957
Coal mining	30,471*	(D)	(D)	(D)	(D)	(D)	156	149	559	(D)	(D)	(D)
Oil and gas extraction	7,884*	7,209*	5,613*	5,643*	8,112*	8,281*	11,046	17,348	12,196	9,249	7,740	6,767
Metal mining	0	(L)	0	0	0	0	(D)	(D)	(D)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	163,574	170,901	179,657	200,371	228,039	251,031	47,721	46,850	38,840	44,197	49,964	63,794
Manufacturing	910,169	878,328	890,096	936,350	947,065	1,021,789	32,736	35,030	32,583	32,280	30,815	31,083
Nondurable goods	467,923*	482,697*	494,932*	508,977	520,128	575,258	18,978	19,600	19,247	19,310	20,037	21,352
Food and kindred products	92,284*	101,909*	108,470*	111,364*	116,965*	139,398*	1,515	1,533	1,267	1,088	1,004	854
Textile mill products	147,210*	146,873*	165,005*	174,497*	174,307*	199,847*	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	10,132*	(D)	(D)	(L)	(L)	(L)	58	62
Paper and allied products	22,523*	23,418*	27,996*	34,507*	36,977*	(D)	0	0	(L)	(L)	(L)	0
Printing and publishing	25,363*	27,661*	31,210*	32,625*	35,843*	40,031*	3,638	4,073	3,891	4,190	4,331	4,228
Chemicals and allied products	133,693*	136,096*	113,733*	102,738*	97,075*	104,471*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	4,543	4,214	5,276	5,292	5,191	3,846	8,289	9,284	10,039	9,842	9,228	10,706
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	12,366	12,084	12,534	13,958*	15,516	16,805	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	9,549*	8,919*	7,463*	8,128*	8,269	6,865*	0	(L)	(L)	(D)	(D)	(D)
Durable goods	439,220*	393,030*	392,035*	427,373	426,937	446,531	13,758	15,430	13,336	12,970	10,778	9,731
Lumber and wood products	9,857	(D)	(D)	(D)	(D)	(D)	436	758	932	974	895	939
Furniture and fixtures	5,332*	5,977*	6,515*	7,211*	7,597*	8,004*	0	0	0	0	0	0
Primary metal industries	83,955*	78,774*	84,394*	106,784*	94,857*	106,260*	0	0	0	0	0	0
Fabricated metal products	165,427*	147,421*	135,018*	128,452*	122,986*	109,630*	2,177	1,993	1,605	565	303	266
Machinery, except electrical	56,338*	52,034	49,655	52,280	56,065*	59,150*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	171	(D)	(D)	980	701	808
Transportation equip. exc. motor vehicles	(D)	725*	1,163*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Motor vehicles and equipment	18,368	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Stone, clay, and glass products	43,731*	40,811*	39,429*	47,195*	47,846*	44,850*	(D)	(D)	(D)	(D)	1,945	1,548
Instruments and related products	(D)	9,344	9,786	11,326	12,573	14,604	(D)	(D)	(D)	(D)	250	126
Miscellaneous manufacturing industries	9,978*	9,170*	10,875*	(D)	13,794*	14,947*	576	633	848	1,018	1,054	1,034
Transportation and public utilities	179,415*	195,748	201,560	223,450	234,560	248,034	132,541	135,152	130,845	135,064	132,476	112,112
Railroad transportation	38,959	38,179*	39,594*	46,095*	46,808*	42,770*	48,582	49,101	50,428	53,107	48,950	45,026
Trucking and warehousing	67,597*	81,139	82,673	97,613	100,879	113,151	26,353	27,116	22,291	29,353	30,531	32,146
Water transportation	2,465	(D)	(D)	2,363	2,730	2,913	0	0	0	0	0	0
Other transportation[8]	11,135	(D)	(D)	15,559*	17,613*	18,233*	5,748	(D)	(D)	(D)	(D)	3,197
Communication	43,486*	46,910*	48,249*	43,710*	46,776*	48,718*	35,946	(D)	(D)	(D)	(D)	25,729
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	15,912	19,276	19,579	19,843	21,209	6,014
Wholesale trade	192,168	197,987	215,419	246,974	265,399	286,901	22,918	26,899	18,583	17,088	18,176	18,622
Retail trade	307,825	319,251	336,611	373,080	401,341	425,670	68,896	73,258	73,790	77,126	81,612	81,408
Finance, insurance, and real estate	179,163	191,858	208,001	222,890	254,592	282,188	30,719	31,331	35,871	39,737	42,857	45,862
Banking and credit agencies	45,799*	(D)	(D)	48,768*	(D)	(D)	11,785	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	129,654*	136,287*	150,366*	167,194*	186,846*	211,379*	18,934	(D)	(D)	(D)	(D)	(D)
Services	490,584	518,016	569,476	636,694	710,969	786,212	81,026	83,629	81,973	88,741	95,627	102,175
Hotels and other lodging places	13,924*	(D)	(D)	(D)	(D)	(D)	4,836	4,311	4,291	4,130	3,683	5,382
Personal services	50,361	53,911	59,698	61,740	69,923	71,726	5,128	5,652	5,667	5,989	7,302	7,009
Private households	(D)	12,692	13,218	14,773	14,909	15,393	(D)	749	785	862	858	874
Business services	66,785	65,046	72,781	84,155	103,868	125,228	10,625	10,771	7,597	8,564	9,741	10,500
Auto repair, services, and garages	26,819*	25,589	29,482	35,564	38,546	41,902	4,859	4,269	4,031	4,487	4,766	4,720
Miscellaneous repair services	11,362	10,679	14,920	17,217	15,628	16,851	1,669	1,853	2,136	2,335	1,903	1,814
Amusement and recreation services	8,924*	9,801*	10,211*	11,180	12,808	13,296	1,194	1,200	1,303	1,250	1,370	1,616
Motion pictures	1,549*	1,532*	1,759*	1,988*	2,975*	3,184*	389	(D)	(D)	(D)	(D)	(D)
Health services	166,856	185,802	205,133	226,603	247,414	273,239	24,503	26,792	27,002	28,417	30,269	33,537
Legal services	35,166	40,787*	46,077*	55,182	62,359	67,317	7,065	8,855	10,538	12,476	13,506	14,169
Educational services	14,919*	16,197*	(D)	(D)	(D)	21,604*	908	973	1,138	1,526	1,673	1,826
Social services	(D)	(D)	6,999*	8,084*	8,639*	10,635*	3,371	3,324	3,264	3,496	4,138	3,243
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	26,147	26,312	26,999	27,899	28,410	7,040	7,712	7,836	8,129	8,276	8,574
Miscellaneous services	47,350	45,123	49,183	56,327	65,208	73,168	8,745	6,627	5,970	6,757	7,753	8,438
Government and government enterprises	562,026	589,075	611,976	653,160	692,537	732,803	219,657	242,148	264,216	281,695	297,451	309,852
Federal, civilian	251,875	253,732	257,214	277,482	286,813	304,407	47,954	50,690	54,539	60,052	63,276	65,332
Military	8,237	10,241	11,409	11,741	12,539	13,858	57,260	62,489	67,141	71,447	77,333	80,990
State and local	301,914	325,102	343,353	363,937	393,185	414,538	114,443	128,969	142,536	150,196	156,842	163,530

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Chicago, IL (PMSA)						Chico, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**78,201,515**	**81,541,706**	**85,867,730**	**93,053,225**	**98,100,215**	**104,250,234**	**1,450,329**	**1,488,951**	**1,585,243**	**1,735,958**	**1,865,151**	**2,015,010**
Nonfarm personal income	78,156,962	81,506,603	85,849,111	93,023,181	98,070,425	104,216,309	1,375,270	1,442,311	1,564,265	1,700,831	1,830,384	1,986,710
Farm income[1]	44,553	35,103	18,619	30,044	29,790	33,925	75,059	46,640	20,978	35,127	34,767	28,300
Population (thousands)[2]	6,077.4	6,104.8	6,122.4	6,157.0	6,169.7	6,188.0	149.0	152.8	155.4	158.3	162.4	166.7
Per capita personal income (dollars)	**12,868**	**13,357**	**14,025**	**15,113**	**15,900**	**16,847**	**9,736**	**9,747**	**10,202**	**10,969**	**11,483**	**12,088**
Derivation of total personal income:												
Total earnings by place of work	62,229,663	64,007,953	67,481,618	74,006,258	78,852,119	84,391,909	811,210	796,339	838,247	933,115	1,029,328	1,118,608
Less: Personal contributions for social insurance[3]	3,734,006	3,958,991	4,105,512	4,517,291	5,026,679	5,420,187	42,551	45,426	50,893	56,466	65,175	71,159
Plus: Adjustment for residence	−3,783,678	−3,919,808	−4,378,970	−5,061,906	−5,709,570	−6,194,437	33,684	37,218	34,896	42,033	38,944	43,129
Equals: Net earnings by place of residence	54,711,979	56,129,154	58,997,136	64,427,061	68,115,870	72,777,285	802,343	788,131	822,250	918,682	1,003,097	1,090,578
Plus: Dividends, interest, and rent[5]	13,131,004	14,115,793	14,880,842	16,448,052	17,130,826	18,051,751	313,871	327,181	360,771	394,197	405,468	435,804
Plus: Transfer payments	10,358,532	11,296,759	11,989,752	12,178,112	12,853,519	13,421,198	334,115	373,639	402,222	423,079	456,586	488,628
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	52,581,301	54,173,359	56,541,447	61,936,405	65,758,317	70,151,476	583,471	596,304	629,973	685,328	758,595	824,512
Other labor income	5,195,923	5,572,179	5,797,899	6,135,256	6,434,489	6,790,416	52,847	57,643	64,409	68,033	73,702	79,925
Proprietors' income[6]	4,452,439	4,262,415	5,142,272	5,934,597	6,659,313	7,450,017	174,892	142,392	143,865	179,754	197,031	214,171
Farm	30,265	19,889	3,999	15,735	15,176	19,181	55,342	24,458	730	14,823	15,161	10,299
Nonfarm	4,422,174	4,242,526	5,138,273	5,918,862	6,644,137	7,430,836	119,550	117,934	143,135	164,931	181,870	203,872
Earnings by industry:												
Farm	44,553	35,103	18,619	30,044	29,790	33,925	75,059	46,640	20,978	35,127	34,767	28,300
Nonfarm	62,185,110	63,972,850	67,462,999	73,976,214	78,822,329	84,357,984	736,151	749,699	817,269	897,988	994,561	1,090,308
Private	55,009,670	56,532,357	59,686,365	65,711,525	70,223,955	75,198,736	582,934	590,469	654,703	723,092	798,188	876,918
Agricultural services, forestry, fisheries, and other[7]	121,199	127,690	155,665	168,501	168,157	195,987	11,087	11,266	11,162	11,640	11,531	13,979
Agricultural services	115,845	123,482	145,475	158,072	157,483	184,128	10,804	11,129	10,526	11,219	11,102	13,444
Forestry, fisheries, and other[7]	5,354	4,208	10,190	10,429	10,674	11,859	283	137	636	421	429	535
Mining	318,843	255,017	220,339	246,015	338,463	346,243	3,053	2,559	2,518	2,975	4,210	4,164
Coal mining	7,887	7,372	4,436	(D)	3,598	5,333	(L)	(D)	(D)	(D)	(L)	(L)
Oil and gas extraction	243,686	182,008	152,930	177,936	255,929*	257,916*	2,930	2,402	2,245	2,794	4,087	4,473
Metal mining	(D)	(D)	(D)	(D)	102	322	(L)	(D)	(D)	(D)	(L)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	63,305	69,069*	73,885*	87	147	228	133	72	(D)
Construction	3,155,110	3,232,087	3,270,608	3,780,253	4,124,135	4,668,766	51,294	49,467	59,073	72,759	83,688	91,585
Manufacturing	15,870,048	15,508,163	15,439,777	16,796,685	16,978,666	17,111,484	80,696	69,454	80,702	94,271	99,486	111,462
Nondurable goods	5,566,132	5,999,979	6,281,365	6,627,408	6,785,099	6,840,107	27,436	26,440	27,109	32,673	33,152	34,587
Food and kindred products	1,521,696	1,633,382	1,604,041	1,676,118	1,677,975	1,687,411	20,189	18,519	17,526	21,961	22,191	23,037
Textile mill products	15,312*	16,033*	18,855*	(D)	(D)	(D)	(D)	(L)	0	0	0	0
Apparel and other textile products	197,396*	201,998*	199,669*	191,854*	193,288*	206,355*	(D)	(D)	(D)	309	339	363
Paper and allied products	548,224	584,984	598,998	617,899	610,575	642,972	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	1,663,979	1,802,609	1,931,447	2,067,471	2,162,750	2,163,838	4,884	5,254	5,965	6,639	7,159	7,462
Chemicals and allied products	850,385	945,618	1,058,471	1,119,204	1,145,370	1,147,869	(D)	180	511	360	(D)	(D)
Petroleum and coal products	156,347	203,817	211,526	209,409	222,592	242,454	0	0	0	0	0	0
Tobacco manufactures	11,564	12,265	13,158	14,830	13,765	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	535,841	533,218	575,293	644,690	674,280	664,313	(D)	(D)	(D)	1,697	1,440	1,640
Leather and leather products	63,077*	63,706*	66,520*	64,065*	60,567*	53,896*	0	0	0	(D)	(D)	(D)
Durable goods	10,303,916	9,508,184	9,158,412	10,169,277	10,193,567	10,271,377	53,260	43,014	53,593	61,598	66,334	76,875
Lumber and wood products	106,666	107,582	103,701	104,452	103,166	94,819	28,571	23,234	30,509	35,726	37,827	45,191
Furniture and fixtures	222,852	221,728	228,003	225,949*	230,652*	219,901*	191	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,282,722	1,047,735	939,013	1,067,278	1,022,417	981,652	(D)	(D)	(D)	1,227	(D)	(D)
Fabricated metal products	2,095,413	1,968,275	1,943,148	2,165,696	2,260,572	2,354,613	2,339	1,632	1,523	2,484	2,327	2,000
Machinery, except electrical	2,149,938	1,787,686	1,603,582	1,766,249	1,844,429	1,825,269	17,211	13,429	13,810	14,478	14,292	17,554
Electric and electronic equipment	2,351,407	2,343,528	2,335,426	2,620,381	2,544,373	2,584,756	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	443,852*	361,289	312,849	396,911*	379,381*	372,655*	(D)	(D)	(D)	(D)	1,320	1,568
Motor vehicles and equipment	263,468	276,127*	337,283*	378,022*	384,377*	415,221*	(L)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	315,001	302,887	294,129	327,941	349,282	337,402	2,881	2,406	2,857	3,287	3,843	4,338
Instruments and related products	595,656	562,598*	569,682*	588,324*	622,348*	591,069*	(D)	691	677	667	703	699
Miscellaneous manufacturing industries	475,433*	490,388	454,877	478,334	403,743	446,306	1,014	939	1,126	1,206	1,259	1,225
Transportation and public utilities	5,113,085	5,287,413	5,504,004	6,023,963	6,442,177	6,793,925	69,036	75,936	84,893	78,995	82,793	92,822
Railroad transportation	587,726	569,460*	572,471*	598,308	551,269	519,877	5,028	5,215	5,712	5,207	4,354	3,320
Trucking and warehousing	1,310,913	1,277,999	1,310,575	1,437,625	1,478,745	1,510,834	13,666	14,604	14,845	16,280	15,988	17,996
Water transportation	38,566	31,627	35,554	43,389*	42,806*	43,538*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	1,309,877*	1,404,251	1,512,378	1,570,041*	1,713,386*	1,898,595*	(D)	9,294	17,110	9,729	(D)	(D)
Communication	1,265,352	1,349,133	1,395,858	1,557,943	1,750,726	1,881,290	27,987	29,817	28,517	24,956	24,191	25,044
Electric, gas, and sanitary services	591,078*	643,307*	664,906*	725,476*	795,105*	809,939*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	6,286,877	6,293,999	6,376,882	7,031,193	7,673,495	8,009,389	33,286	33,931	31,505	31,384	35,236	37,447
Retail trade	5,496,849	5,533,654	5,944,917	6,438,440	6,840,888	7,336,486	119,990	114,989	126,510	134,554	144,148	150,100
Finance, insurance, and real estate	5,102,128	5,551,318	6,472,288	7,116,073	7,849,341	8,920,281	33,302	34,518	37,637	40,676	47,033	55,142
Banking and credit agencies	1,630,445	1,862,901	1,974,075	2,087,513*	2,247,361	2,354,271*	16,357	16,417	17,558	18,049	18,960	19,749
Other finance, insurance, and real estate[9]	3,471,683	3,688,417	4,498,213	4,599,544*	5,601,980	5,946,537*	16,945	18,101	20,079	22,627	28,073	35,393
Services	13,545,531	14,743,016	16,301,885	18,110,402	19,808,633	21,816,175	181,190	198,349	220,703	255,838	290,063	320,217
Hotels and other lodging places	335,076	340,341*	394,739*	395,956	368,010	415,350	2,542	2,044	2,728	2,987	2,809	2,118
Personal services	503,460	537,972	589,376	612,673	692,128	754,055	10,608	11,054	11,769	13,076	16,662	18,499
Private households	114,219	122,158	126,723	140,869	140,976	144,516	3,585	3,888	4,109	4,621	4,722	4,941
Business services	3,092,185	3,569,033	4,138,727	4,784,985	5,506,065	6,332,032	17,308	23,908	30,234	35,277	45,616	51,007
Auto repair, services, and garages	417,931	451,593	510,860	582,756	610,082	656,231	11,421	10,497	12,336	15,194	16,458	17,747
Miscellaneous repair services	209,403	224,216	262,341	283,917	260,710	290,413	4,268	4,137	5,181	6,390	5,333	5,322
Amusement and recreation services	212,873	240,903	270,512	306,336	321,869	351,980	1,340	1,060	1,752	3,200	3,950	4,443
Motion pictures	79,249	95,923*	111,730*	172,023	192,311	207,958	288	(D)	(D)	(D)	(D)	(D)
Health services	3,857,062	4,181,252	4,484,586	4,735,732	4,970,158	5,306,836	82,968	95,734	102,442	116,225	129,444	144,138
Legal services	1,200,381	1,408,211	1,634,206	1,931,331	2,114,029	2,393,010	10,319	11,456	13,536	17,563	18,836	20,286
Educational services	784,650	848,986	886,152	955,179	1,030,735	1,056,354	1,726	1,913	2,191	2,674	2,707	2,894
Social services	266,171	298,273	322,553	330,478	373,516	428,152	4,026	4,153	4,519	5,358	6,672	9,387
Museums, botanical, zoological gardens	38,040	42,294	45,831	48,271	53,324	59,432	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	690,609	754,887	795,435	828,398	864,824	919,953	10,216	11,592	12,703	13,275	14,102	14,827
Miscellaneous services	1,744,222	1,626,022	1,727,127	1,996,498	2,309,896	2,499,903	20,575	16,601	16,875	19,538	22,173	24,011
Government and government enterprises	7,175,440	7,440,493	7,776,634	8,264,689	8,598,374	9,159,248	153,217	159,230	162,566	174,896	196,373	213,390
Federal, civilian	1,428,111	1,462,298	1,539,095	1,624,737	1,701,505	1,762,945	11,498	11,668	11,904	12,715	13,465	13,949
Military	84,065	94,514	106,627	111,364	123,297	135,259	1,809	2,173	2,373	2,589	3,014	3,017
State and local	5,663,264	5,883,681	6,130,912	6,528,588	6,773,572	7,261,044	139,910	145,389	148,289	159,592	179,894	196,424

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Cincinnati, OH—KY—IN (PMSA)						Clarksville—Hopkinsville, TN—KY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**15,408,417**	**16,145,741**	**17,124,835**	**18,468,764**	**19,627,930**	**20,982,827**	**1,219,000**	**1,285,496**	**1,315,496**	**1,441,021**	**1,535,490**	**1,646,100**
Nonfarm personal income	15,376,694	16,106,816	17,106,587	18,429,104	19,594,209	20,950,825	1,183,171	1,256,719	1,313,944	1,415,944	1,517,258	1,632,207
Farm income[1]	31,723	38,925	18,248	39,660	33,721	32,002	35,829	28,777	1,552	25,077	18,232	13,893
Population (thousands)[2]	1,406.0	1,408.7	1,404.4	1,408.2	1,413.3	1,418.6	150.3	154.7	153.7	151.8	153.9	154.4
Per capita personal income (dollars)	**10,959**	**11,461**	**12,194**	**13,115**	**13,888**	**14,791**	**8,110**	**8,308**	**8,559**	**9,492**	**9,974**	**10,663**
Derivation of total personal income:												
Total earnings by place of work	11,719,739	12,076,581	12,773,828	13,903,570	14,998,109	16,135,868	937,085	989,135	1,025,320	1,105,580	1,173,886	1,245,270
Less: Personal contributions for social insurance[3]	712,356	756,504	818,571	897,193	1,009,758	1,094,324	48,683	52,473	53,795	57,358	62,955	68,009
Plus: Adjustment for residence	−429,579	−451,136	−500,628	−577,530	−702,651	−732,397	5,180	−8,137	−28,991	2,637	5,758	28,292
Equals: Net earnings by place of residence	10,577,804	10,868,941	11,454,629	12,428,847	13,285,700	14,309,147	893,582	928,525	942,534	1,050,859	1,116,689	1,205,553
Plus: Dividends, interest, and rent[5]	2,686,401	2,848,538	3,056,037	3,314,563	3,425,946	3,593,312	133,857	144,342	147,495	159,759	169,684	179,501
Plus: Transfer payments	2,144,212	2,428,262	2,614,169	2,725,354	2,916,284	3,080,368	191,561	212,629	225,467	230,403	249,117	261,046
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,906,006	10,242,913	10,748,665	11,704,294	12,623,116	13,543,930	781,995	843,638	887,422	930,275	988,913	1,044,584
Other labor income	1,000,597	1,087,146	1,156,379	1,203,315	1,266,990	1,352,672	50,169	52,195	56,495	59,494	61,491	65,603
Proprietors' income[6]	813,136	746,522	868,784	995,961	1,108,003	1,239,266	104,921	93,302	81,403	115,811	123,482	135,083
Farm	22,866	29,192	8,833	30,365	24,304	22,492	30,990	23,318	−3,701	19,925	13,028	8,633
Nonfarm	790,270	717,330	859,951	965,596	1,083,699	1,216,774	73,931	69,984	85,104	95,886	110,454	126,450
Earnings by industry:												
Farm	31,723	38,925	18,248	39,660	33,721	32,002	35,829	28,777	1,552	25,077	18,232	13,893
Nonfarm	11,688,016	12,037,656	12,755,580	13,863,910	14,964,388	16,103,866	901,256	960,358	1,023,768	1,080,503	1,155,654	1,231,377
Private	10,372,162	10,642,080	11,291,024	12,292,784	13,294,342	14,320,078	491,202	472,937	513,881	561,643	594,755	653,932
Agricultural services, forestry, fisheries, and other[7]	25,100	25,212	30,314	32,208	33,834	38,216	2,516	(D)	(D)	(D)	3,074	3,653
Agricultural services	24,675	25,267	29,335	29,732*	33,261	37,497	2,472	(D)	(D)	(D)	2,969	3,530
Forestry, fisheries, and other[7]	425	−55	979	(D)	573	719	(L)	(L)	121	72	105	123
Mining	57,388	50,357	48,950	50,947	69,079	66,856	2,594	(D)	2,078*	(D)	6,057	11,466
Coal mining	(D)	1,933*	1,951*	4,014	5,116	3,058	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	48,941*	38,125*	36,636*	39,442*	54,567*	53,909*	1,592	(D)	(D)	(D)	1,781	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	60	−501	−5,402	−605	−1,914	2,684	7,481
Nonmetallic minerals, except fuels	(D)	6,383*	6,530*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	660,828	(D)	(D)	679,731*	719,179*	851,222	33,850	33,757	39,410	44,731	47,877	60,441
Manufacturing	3,880,276	3,899,678	4,034,649	4,374,736	4,657,511	4,921,171	187,128	161,374	174,317	192,814	198,152	210,330
Nondurable goods	1,674,669	1,738,098	1,780,866	1,855,604	1,943,831	2,085,076	95,871	79,482	85,461	92,878	97,454	105,798
Food and kindred products	(D)	(D)	(D)	376,555*	377,853*	397,575*	(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	47,572*	50,661*	51,627*	56,169*	56,114*	55,703*	11,424	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Printing and publishing	250,813	260,746	276,972	304,974	322,514	343,767	11,658	12,464*	12,942*	14,880*	(D)	19,388*
Chemicals and allied products	636,475*	695,507*	724,560*	752,003*	808,521*	887,912*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	49,109*	34,460*	32,152*	32,562*	34,790*	31,710*	3,720	3,844*	4,176*	4,732*	4,206*	5,080*
Tobacco manufactures	(L)	(D)	(D)	0	0	0	9,436	11,326	13,356	14,352	16,000	15,332
Rubber and misc. plastic products	90,048*	89,668*	103,453*	120,032*	129,495*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	36,190	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	2,205,607	2,161,580	2,253,783	2,519,132	2,713,680	2,836,095	91,257	81,892	88,856	99,936	100,698	104,532
Lumber and wood products	27,958*	(D)	(D)	(D)	33,339*	37,992*	2,525	2,788	3,789	4,397	4,646	4,902
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	319,735	(D)	(D)	(D)	(D)	(D)	7,856	7,260	8,841	9,596	9,477	9,947
Machinery, except electrical	606,076	546,580	480,132	599,070	630,706	645,934	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	507,547*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	288,061*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	1,459	(D)	(D)	(D)	(D)	(D)
Instruments and related products	38,853*	42,945*	44,193*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	905,578	902,579*	932,037*	987,858*	1,035,421*	1,105,840	30,264	30,436	31,477	34,392	35,082	36,729
Railroad transportation	105,052	99,416	97,491	105,312	102,923	96,131	983	1,014	1,078	1,119	1,037	(D)
Trucking and warehousing	308,002	293,658	278,569	300,031	303,593	295,965	12,347	11,790	12,029	15,409	15,552	15,977
Water transportation	14,985*	18,385*	18,410*	21,411*	21,279*	(D)	(D)	(D)	(D)	0	0	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,627	1,853	(D)	1,960	2,047
Communication	223,722*	257,638*	287,649*	305,300*	321,380*	347,064*	11,509	11,706	11,920	10,929	11,470	12,409
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,063	5,316
Wholesale trade	916,319	961,770	962,300	1,097,423	1,197,692	1,280,339	33,628	33,419	31,468	33,252	36,498	38,390
Retail trade	1,153,597	1,192,661	1,317,723	1,387,120	1,496,571	1,615,045	81,246	88,954	99,753	106,488	111,386	118,314
Finance, insurance, and real estate	603,696	598,733	679,066	715,411	792,966	942,905	24,536	24,733	27,334	28,899	30,732	35,241
Banking and credit agencies	190,512	193,549*	206,901*	222,061*	240,024*	263,686*	13,743	14,717	16,087	16,878	17,539	19,233
Other finance, insurance, and real estate[9]	413,184	381,952*	446,554*	464,024*	521,153*	641,921*	10,793	10,016	11,247	12,021	13,193	16,008
Services	2,169,380	2,314,579	2,566,643	2,882,877	3,214,459	3,498,484	95,440	99,605	104,679	116,635	125,897	139,368
Hotels and other lodging places	58,298	53,343*	63,386*	69,117*	67,870*	72,845*	(D)	2,267	2,726	2,703	2,952	3,309
Personal services	98,583	107,825	116,959	127,931	152,732	163,576	8,640	9,104	10,304	11,148	13,423	14,474
Private households	35,398	37,746	39,023	43,234	43,233	44,276	4,711	5,050	5,261	5,851	5,876	6,035
Business services	328,563	356,915	431,994	516,969	615,453	680,411	6,430	8,791	9,636	11,974	13,121	15,226
Auto repair, services, and garages	86,987	78,387	89,724	104,641	117,964	125,685	8,778	8,518	9,721	12,155	12,926	14,861
Miscellaneous repair services	34,506	30,431*	34,035*	38,018*	38,032	40,661	2,497	2,684	3,365	3,959	2,932	3,145
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	128,391*	1,211	1,095	1,225	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	11,210*	10,357*	9,380*	(L)	0	0	0	0	0
Health services	779,887	885,473	954,007	1,022,778	1,116,601	1,212,471	37,995	40,675	39,587	41,395	45,053	50,061
Legal services	134,076	150,081	165,705	199,912	215,910	242,830	4,570	5,306	5,668	6,676	7,314	8,282
Educational services	(D)	77,883*	85,269*	(D)	100,291*	106,872*	(D)	2,798	2,968	3,209	3,940	4,435
Social services	76,118	79,236	87,518	99,887	108,777	116,034	2,015	1,822	2,639	3,601	2,738	2,908
Museums, botanical, zoological gardens	4,012	4,270*	4,654*	5,040*	5,519*	6,080*	0	0	0	(D)	(D)	(D)
Membership organizations	87,554*	102,381	106,053	112,943	118,329	119,395	5,377	5,767	5,861	5,955	6,099	6,038
Miscellaneous services	262,515	244,745	272,563	317,543	362,926	411,825	8,274	5,728	5,718	6,498	7,706	8,692
Government and government enterprises	1,315,854	1,395,576	1,464,556	1,571,126	1,670,046	1,783,788	410,054	487,421	509,887	518,860	560,899	577,445
Federal, civilian	299,095	302,549	311,121	332,477	358,252	374,558	61,013	69,312	76,674	72,429	73,371	75,825
Military	19,231	23,025	26,404	30,932	33,441	35,394	266,402	329,894	339,000	347,072	378,368	384,903
State and local	997,528	1,070,002	1,127,031	1,207,717	1,278,353	1,373,836	82,639	88,215	94,213	99,359	109,160	116,717

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Cleveland, OH (PMSA)						Colorado Springs, CO (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**23,336,273**	**24,106,644**	**25,153,488**	**27,199,618**	**28,602,336**	**30,042,744**	**3,308,827**	**3,724,143**	**4,100,347**	**4,579,334**	**5,063,303**	**5,386,102**
Nonfarm personal income	23,310,577	24,079,562	25,131,020	27,170,976	28,573,937	30,012,282	3,304,564	3,718,702	4,093,456	4,571,906	5,054,579	5,376,202
Farm income[1]	25,696	27,082	22,468	28,642	28,399	30,462	4,263	5,441	6,891	7,428	8,724	9,900
Population (thousands)[2]	1,885.3	1,875.6	1,873.6	1,866.3	1,857.1	1,850.2	321.1	331.2	342.5	352.5	367.2	380.4
Per capita personal income (dollars)	**12,378**	**12,853**	**13,425**	**14,574**	**15,401**	**16,238**	**10,305**	**11,243**	**11,971**	**12,992**	**13,789**	**14,159**
Derivation of total personal income:												
Total earnings by place of work	18,456,068	18,584,189	19,206,012	20,879,618	22,086,049	23,013,420	2,340,303	2,638,519	2,923,335	3,316,502	3,687,613	3,928,337
Less: Personal contributions for social insurance[3]	1,128,764	1,176,426	1,248,253	1,366,082	1,508,057	1,583,678	126,360	142,461	155,042	178,108	205,002	221,393
Plus: Adjustment for residence	−1,188,972	−1,261,088	−1,324,807	−1,413,555	−1,535,269	−1,450,870	58,896	55,664	52,247	52,762	52,420	66,033
Equals: Net earnings by place of residence	16,138,332	16,146,675	16,632,952	18,099,981	19,042,723	19,978,872	2,272,839	2,551,722	2,820,540	3,191,156	3,535,031	3,772,977
Plus: Dividends, interest, and rent[5]	3,911,115	4,197,669	4,441,090	4,852,978	5,059,142	5,301,889	530,736	603,893	653,616	736,058	804,065	839,273
Plus: Transfer payments	3,286,826	3,762,300	4,079,446	4,246,659	4,500,471	4,761,983	505,252	568,528	626,191	652,120	724,207	773,852
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	15,476,196	15,652,790	16,004,429	17,381,943	18,352,944	19,025,829	1,978,916	2,245,816	2,469,200	2,801,985	3,118,756	3,321,679
Other labor income	1,637,399	1,721,468	1,782,325	1,847,846	1,889,257	1,941,307	136,597	165,897	186,760	208,610	229,830	238,039
Proprietors' income[6]	1,342,473	1,209,931	1,419,258	1,649,829	1,843,848	2,046,284	224,790	226,806	267,375	305,907	339,027	368,619
Farm	13,557	13,379	9,248	15,628	15,207	17,138	1,607	2,872	4,396	4,961	6,211	7,372
Nonfarm	1,328,916	1,196,552	1,410,010	1,634,201	1,828,641	2,029,146	223,183	223,934	262,979	300,946	332,816	361,247
Earnings by industry:												
Farm	25,696	27,082	22,468	28,642	28,399	30,462	4,263	5,441	6,891	7,428	8,724	9,900
Nonfarm	18,430,372	18,557,107	19,183,544	20,850,976	22,057,650	22,982,958	2,336,040	2,633,078	2,916,444	3,309,074	3,678,889	3,918,437
Private	16,503,051	16,492,508	17,028,765	18,574,899	19,635,546	20,489,176	1,571,427	1,761,251	1,976,286	2,300,788	2,578,231	2,706,227
Agricultural services, forestry, fisheries, and other[7]	38,572	38,211	45,718	50,217	50,916	58,332	7,169	7,830	9,905	11,241	10,777	12,962
Agricultural services	37,813	38,337	43,883	48,661	50,087	57,275	7,034	7,828	9,526	11,034	10,341	12,469
Forestry, fisheries, and other[7]	759	−126	1,835	1,556	829	1,057	135	(L)	379	207	436	493
Mining	115,190	105,270	103,626	116,065	138,121	142,069	24,495	27,313	29,941	29,807	34,326	34,628
Coal mining	18,265	30,949	31,419	36,635	37,508	36,181	4,399	(D)	(D)	6,412	(D)	8,850
Oil and gas extraction	68,555	55,499*	50,925*	52,485*	(D)	(D)	17,940	19,715	21,132	19,722	21,514	20,449
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	262	(D)	365	708
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,621
Construction	893,290	901,208	963,916	1,101,501	1,072,082	1,026,497	186,660	205,484	235,027	305,101	326,872	320,864
Manufacturing	6,446,956	6,106,432	5,980,527	6,482,859	6,720,592	6,711,696	372,781	436,931	493,064	569,721	635,777	656,042
Nondurable goods	1,539,151	1,598,879	1,668,697	1,781,438	1,844,817	1,920,683	59,291	66,479	71,194	81,374	89,664	93,785
Food and kindred products	170,137	179,571	184,825	178,991	174,199	182,367	16,018	15,365	16,538	18,693	18,670	18,851
Textile mill products	15,486	14,765	16,722	13,943	13,476	13,508	(D)	(L)	50	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	206	183	199	180	(D)	1,578
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	321,446	335,038	338,915	370,367	395,951	420,722	40,952	48,876	52,057	59,522	66,415	68,947
Chemicals and allied products	446,055	458,250	463,370	471,943	487,036	526,662	387	443	432	525	1,121	1,950
Petroleum and coal products	185,511	207,753	226,407	241,470	267,850	257,428	(D)	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	209,433	209,849	240,021	274,435	277,732	285,913	1,042	1,104	1,439	2,027	2,081	1,980
Leather and leather products	1,037	1,052	1,016	701	727	735	239	(D)	(D)	214	204	(D)
Durable goods	4,907,805	4,507,553	4,311,830	4,701,421	4,875,775	4,791,013	313,490	370,452	421,870	488,347	546,113	562,257
Lumber and wood products	17,384	16,292	19,482	22,569	27,529	29,626	6,820	7,104	8,219	9,017	11,120	15,791
Furniture and fixtures	39,326*	41,271*	(D)	(D)	(D)	(D)	8,136	8,340	7,118	9,199	10,023	9,263
Primary metal industries	930,281*	844,390*	816,151*	874,058*	841,218*	790,668*	(D)	(D)	(D)	1,789	(D)	(D)
Fabricated metal products	954,974	863,428	832,441	921,557	965,507	976,695	34,572	29,396	31,348	38,100	42,547	45,141
Machinery, except electrical	1,194,862	1,029,565	866,237	973,591	1,012,209	935,678	71,356	94,517	100,479	118,213	162,359	166,533
Electric and electronic equipment	645,061	631,130	608,713	591,082	623,394*	618,804*	88,016	113,880	167,074	196,552	221,046	230,948
Transportation equip. exc. motor vehicles	232,028*	225,863*	219,531*	247,140*	279,140*	299,212*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	544,459	517,284*	567,246*	591,436*	616,177*	620,897*	5,557	5,516	5,643	6,745	6,967	6,502
Stone, clay, and glass products	121,618	99,979	95,616	107,003	110,895	109,948	9,894	10,753	11,652	12,995	14,431	14,522
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	71,253	66,539
Miscellaneous manufacturing industries	59,324	69,958	70,337	(D)	67,097	73,164	3,042	2,847	3,191	4,392	4,568	4,872
Transportation and public utilities	1,292,441	1,292,564	1,302,356	1,366,511	1,371,881	1,435,435	122,268	143,148	142,906	154,859	161,887	165,077
Railroad transportation	105,737	86,986	71,663	75,611	71,361	69,555	1,700	1,844	2,029	1,913	1,696	1,449
Trucking and warehousing	320,501	296,027	294,063	323,369	326,855	338,275	20,433	23,878	23,760	29,053	32,019	33,182
Water transportation	89,942	68,578*	62,193*	68,939*	66,871*	65,164	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	165,417*	(D)	(D)	(D)	207,844*	217,107*	9,573	10,148	11,807	12,747	14,596	17,417
Communication	(D)	(D)	(D)	427,086*	391,606*	412,920*	64,191	79,234	77,223	80,613	82,130	82,745
Electric, gas, and sanitary services	(D)	222,342	227,556	(D)	293,994	319,010	26,381	28,049	28,089	30,535	31,447	30,284
Wholesale trade	1,565,093	1,600,635	1,583,316	1,754,625	1,884,316	1,937,418	69,133	72,300	68,713	82,958	101,201	102,910
Retail trade	1,538,354	1,581,865	1,677,005	1,770,229	1,867,126	1,963,385	255,005	282,138	318,212	350,315	377,860	391,339
Finance, insurance, and real estate	915,852	917,658	1,069,572	1,110,120	1,187,435	1,395,602	97,924	99,435	127,360	160,135	201,811	218,348
Banking and credit agencies	364,041	365,422*	395,842*	421,500*	436,473*	465,084*	34,731	39,931	43,707	51,464	61,704	63,553
Other finance, insurance, and real estate[9]	551,811	517,794*	635,696*	655,061*	707,139*	874,565*	63,193	59,504	83,653	108,671	140,107	154,795
Services	3,697,303	3,948,665	4,302,729	4,822,772	5,343,077	5,818,742	435,992	486,672	551,158	636,651	727,720	804,057
Hotels and other lodging places	67,906*	58,674	70,552	66,344*	62,953*	68,737*	30,392	31,424	34,009	36,492	39,357	44,936
Personal services	140,339	146,059	149,879	160,862	182,337	188,762	25,580	29,182	31,980	35,730	41,579	43,645
Private households	42,002	44,756	46,279	51,223	51,194	52,427	3,966	4,344	4,605	5,153	5,223	5,394
Business services	521,343	566,215	650,103	788,414	925,072	1,043,612	75,106	82,157	103,591	127,670	160,828	183,027
Auto repair, services, and garages	123,175	118,578	124,024	147,257	166,357	177,054	22,323	24,371	27,627	28,937	31,941	35,130
Miscellaneous repair services	60,171	53,286	54,539	63,432	64,029	66,745	10,222	11,862	14,149	15,998	12,043	12,199
Amusement and recreation services	(D)	93,347	102,252	114,609	125,388	133,899	12,165	13,420	14,954	16,884	20,888	23,719
Motion pictures	8,008*	8,603*	8,555*	10,029*	10,609*	11,295*	2,522	2,539	2,563	3,101	3,123	3,322
Health services	1,241,064	1,458,190	1,579,820	1,677,308	1,814,513	1,990,169	136,093	157,296	167,838	178,559	192,506	215,599
Legal services	306,706	342,936	378,700	445,955	494,586	554,228	17,097	21,309	23,377	30,677	34,474	39,241
Educational services	186,421*	196,737*	209,968*	236,984*	250,359*	263,029*	15,598	17,749	19,065	21,941	23,733	24,120
Social services	95,175*	95,940*	104,097*	117,482*	124,648*	139,451	10,075	10,743	12,274	16,727	19,321	22,612
Museums, botanical, zoological gardens	(D)	8,282*	8,836*	9,175*	9,221*	9,919*	779	898	939	1,020	1,048	1,131
Membership organizations	154,193	153,627	160,997	168,756	175,955	177,699	24,175	27,436	28,968	31,848	34,803	36,026
Miscellaneous services	650,581	594,171	643,621	756,763	876,199	938,620	49,899	51,942	65,219	85,914	106,853	113,956
Government and government enterprises	1,927,321	2,064,599	2,154,779	2,276,077	2,422,104	2,493,782	764,613	871,827	940,158	1,008,286	1,100,658	1,212,210
Federal, civilian	492,473	509,878	531,471	553,923	589,601	583,677	156,237	172,495	192,689	205,276	210,596	213,070
Military	30,540	34,719	37,377	43,538	46,785	50,112	377,894	440,370	462,741	500,688	555,421	607,467
State and local	1,404,308	1,520,002	1,585,931	1,678,616	1,785,718	1,859,993	230,482	258,962	284,728	302,322	334,641	391,673

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Columbia, MO (MSA)						Columbia, SC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**985,158**	**1,056,506**	**1,158,445**	**1,241,975**	**1,320,156**	**1,408,607**	**3,892,029**	**4,131,987**	**4,492,851**	**4,919,098**	**5,335,107**	**5,745,274**
Nonfarm personal income	973,782	1,050,700	1,155,280	1,236,034	1,308,303	1,401,755	3,884,402	4,119,343	4,489,138	4,901,611	5,322,774	5,734,396
Farm income[1]	11,376	5,806	3,165	5,941	11,853	6,852	7,627	12,644	3,713	17,487	12,333	10,878
Population (thousands)[2]	102.1	103.2	103.7	105.0	104.9	106.5	418.3	422.8	428.5	433.0	435.8	444.7
Per capita personal income (dollars)	**9,646**	**10,237**	**11,171**	**11,828**	**12,583**	**13,231**	**9,305**	**9,773**	**10,484**	**11,360**	**12,242**	**12,920**
Derivation of total personal income:												
Total earnings by place of work	741,395	773,794	859,252	923,427	995,771	1,059,345	3,126,162	3,310,243	3,653,181	4,040,154	4,363,944	4,712,488
Less: Personal contributions for social insurance[3]	38,458	41,229	44,650	48,282	53,197	56,956	171,193	187,530	205,094	227,746	256,037	277,046
Plus: Adjustment for residence	9,176	17,209	11,789	13,691	6,210	12,654	−94,632	−109,698	−167,587	−172,503	−170,234	−176,027
Equals: Net earnings by place of residence	712,113	749,774	826,391	888,836	948,784	1,015,043	2,860,337	3,013,015	3,280,500	3,639,905	3,937,673	4,259,415
Plus: Dividends, interest, and rent[4]	158,350	180,445	190,111	207,024	216,109	225,888	452,031	492,607	533,430	585,840	643,782	689,035
Plus: Transfer payments	114,695	126,287	141,943	146,115	155,263	167,676	579,661	626,365	678,921	693,353	753,652	796,824
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	616,774	648,475	718,018	766,344	819,321	873,547	2,673,136	2,848,342	3,136,207	3,450,991	3,726,712	4,021,290
Other labor income	47,885	54,374	60,873	63,375	66,252	69,969	223,821	257,415	286,035	306,253	325,617	346,798
Proprietors' income[5]	76,736	70,945	80,361	93,708	110,198	115,829	229,205	204,486	230,939	282,910	311,615	344,400
Farm	9,807	4,205	1,618	4,416	10,311	5,296	5,228	10,168	1,317	15,118	9,955	8,522
Nonfarm	66,929	66,740	78,743	89,292	99,887	110,533	223,977	194,318	229,622	267,792	301,660	335,878
Earnings by industry:												
Farm	11,376	5,806	3,165	5,941	11,853	6,852	7,627	12,644	3,713	17,487	12,333	10,878
Nonfarm	730,019	767,988	856,087	917,486	983,918	1,052,493	3,118,535	3,297,599	3,649,468	4,022,667	4,351,611	4,701,610
Private	454,478	471,519	523,163	569,048	609,657	655,770	2,160,100	2,288,862	2,570,857	2,896,216	3,136,673	3,396,559
Agricultural services, forestry, fisheries, and other[7]	1,868	1,968	2,383	2,333	2,496	2,760	6,839	6,706	8,757	9,756	9,747	10,544
Agricultural services	1,849	1,963	2,352	2,312	2,446	2,703	5,653	6,185	7,343	8,424	8,467	(D)
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	50	57	1,186	521	1,414	1,332	1,280	(D)
Mining	6,186	6,540	5,564	5,775	5,536	4,360	13,333	12,324	11,929	12,935	16,020	15,269
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	1,355	1,793	1,802	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	1,196	1,487	1,562	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	44,725	40,382	46,085	56,086	65,061	77,512	159,746	179,787	257,539	291,655	266,919	304,326
Manufacturing	72,814	74,948	82,485	88,410	86,351	88,318	468,530	480,996	511,193	583,470	625,372	659,198
Nondurable goods	15,946	16,193	16,257	17,570	18,428	19,125	224,141	232,083	249,034	285,929	307,026	326,147
Food and kindred products	4,805	5,203	4,677	4,713	4,821	5,103	20,659	24,046	24,748	28,346	30,917	31,477
Textile mill products	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	0	0	23,616	22,410	22,455	24,680	23,641	24,174
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	31,661	37,841	44,415
Printing and publishing	8,022	8,266	8,259	9,066	10,168	11,990	31,054	33,606	36,601	44,609	47,936	53,542
Chemicals and allied products	(D)	(D)	(D)	2,756	2,403	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	(L)	0	0	0	0	0	783	740	796	830	810	919
Tobacco manufactures	0	0	0	0	0	0	425	602	653	653	723	817
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	25,147	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	56,868	58,755	66,228	70,840	67,923	69,193	244,389	248,913	262,159	297,541	318,346	333,051
Lumber and wood products	1,017	1,220	1,236	1,469	1,440	1,497	6,469	5,963	7,436	10,390	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	1,060	1,130	1,123	(D)	1,296	1,209
Primary metal industries	0	(D)	(D)	(D)	(D)	(D)	35,709	(D)	34,675*	37,442*	39,653*	39,762*
Fabricated metal products	1,877	2,138	2,343	(D)	(D)	2,528	50,206	51,868	53,199	57,626	62,042	63,285
Machinery, except electrical	(D)	2,578	2,375	2,672	2,919	3,359	57,033	55,737	61,824	69,600	73,534	79,199
Electric and electronic equipment	37,606	38,043	40,268	56,074	53,200	53,910	38,582	42,373	37,676	42,586	45,267	50,860
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	21,784
Motor vehicles and equipment	0	(D)	(D)	(D)	(D)	(D)	2,089	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	798	984	1,429	(D)	(D)	(D)	14,069	16,372	18,600	21,839	20,931	20,113
Instruments and related products	(D)	(D)	(D)	(D)	394	(D)	(D)	(D)	(D)	3,196	3,595	4,821
Miscellaneous manufacturing industries	2,329	(D)	(D)	(D)	1,865	(D)	(D)	(D)	(D)	18,251	(D)	17,737
Transportation and public utilities	27,986	31,504	32,606	36,906	42,182	43,576	244,054	267,952	280,072	278,944	298,843	316,342
Railroad transportation	649	773	915	1,000	894	421	13,636	13,820	14,883	16,533	15,971	13,876
Trucking and warehousing	7,037	6,400	6,686	7,896	12,217	13,471	42,420	42,951	46,975	52,450	55,740	60,134
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,079	4,398	4,255	4,880	5,320	5,306	(D)	(D)	(D)	(D)	(D)	(D)
Communication	13,080	14,989	15,601	17,392	17,066	17,373	(D)	(D)	(D)	107,841	113,828	116,469
Electric, gas, and sanitary services	4,145	4,958	5,161	5,752	6,692	7,004	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	31,261	34,850	36,014	38,061	37,473	42,016	222,551	228,861	247,108	281,259	305,177	306,339
Retail trade	72,829	75,555	86,597	94,583	102,759	107,392	283,555	293,894	331,341	372,448	413,166	451,235
Finance, insurance, and real estate	63,582	67,303	74,667	72,326	78,397	84,939	263,379	269,435	304,234	340,161	383,144	417,341
Banking and credit agencies	8,888	9,536	10,292	11,535	12,398	14,577	109,036	123,625	135,145	148,616	164,883	174,706
Other finance, insurance, and real estate[9]	54,694	57,767	64,375	60,791	65,999	70,362	154,343	145,810	169,089	191,545	218,261	242,635
Services	133,227	138,469	156,762	174,568	189,402	204,897	498,113	548,907	618,684	725,588	818,285	915,965
Hotels and other lodging places	6,593	6,580	7,600	8,169	(D)	(D)	(D)	13,102	15,442	19,414	21,052	24,971
Personal services	7,501	7,386	8,186	8,664	11,256	12,361	28,119	30,175	33,566	36,944	42,824	45,572
Private households	2,148	2,290	2,383	2,654	2,665	2,742	46,000	49,947	52,267	58,801	59,530	61,812
Business services	21,452	21,842	22,060	27,162	30,892	35,774	69,060	92,317	108,097	136,218	159,990	182,923
Auto repair, services, and garages	4,420	4,855	6,282	7,249	8,018	8,669	24,534	22,512	25,406	29,455	32,728	36,562
Miscellaneous repair services	1,528	1,635	2,158	2,344	2,012	2,353	9,809	10,961	11,607	14,552	16,017	15,823
Amusement and recreation services	1,722	1,853	1,812	2,079	2,267	2,616	5,989	6,436	7,160	7,878	8,724	9,163
Motion pictures	(D)	365	398	420	547	576	1,421	(D)	(D)	(D)	(D)	(D)
Health services	46,666	51,434	60,678	65,319	70,237	74,884	125,399	144,272	163,631	181,219	201,627	228,089
Legal services	4,997	5,657	6,958	8,662	9,077	10,077	38,979	44,997	53,172	65,491	73,321	86,029
Educational services	(D)	11,058	11,170	11,787	(D)	(D)	18,854	19,243*	19,674*	23,133*	25,368*	24,880*
Social services	7,084	7,100	7,766	8,470	10,100	11,438	13,802	13,921	14,231	15,694	18,557	24,655
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,910	7,441	7,816	8,103	8,806	9,149	25,562	27,981	29,750	31,012	32,206	33,498
Miscellaneous services	11,037	8,973	11,495	13,486	13,120	13,780	78,014	70,607	81,990	102,332	122,649	138,022
Government and government enterprises	275,541	296,469	332,924	348,438	374,261	396,723	958,435	1,008,737	1,078,611	1,126,451	1,214,938	1,305,051
Federal, civilian	44,403	46,781	51,711	54,711	58,220	60,204	153,051	165,936	174,618	186,137	196,582	198,610
Military	2,566	3,371	4,507	4,878	4,987	5,008	175,477	189,527	216,999	193,524	181,499	187,770
State and local	228,572	246,317	276,706	288,849	311,054	331,511	629,907	653,274	686,994	746,790	836,857	918,671

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Columbus, GA—AL (MSA)						Columbus, OH (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,945,951**	**2,085,635**	**2,247,720**	**2,451,581**	**2,618,293**	**2,789,051**	**13,104,272**	**13,892,398**	**14,954,905**	**16,414,637**	**17,686,804**	**18,809,503**
Nonfarm personal income	1,938,732	2,079,616	2,243,989	2,446,647	2,614,484	2,786,214	13,055,239	13,832,516	14,935,627	16,295,008	17,553,323	18,695,534
Farm income[1]	7,219	6,019	3,731	4,934	3,809	2,837	49,033	59,882	19,278	119,629	133,481	113,969
Population (thousands)[2]	238.8	243.5	243.6	246.0	247.6	250.5	1,258.1	1,264.6	1,267.3	1,275.1	1,286.8	1,299.4
Per capita personal income (dollars)	**8,149**	**8,564**	**9,227**	**9,967**	**10,574**	**11,134**	**10,416**	**10,986**	**11,801**	**12,873**	**13,745**	**14,476**
Derivation of total personal income:												
Total earnings by place of work	1,514,095	1,607,267	1,733,195	1,921,158	2,046,906	2,195,480	10,288,176	10,745,866	11,517,434	12,800,582	13,959,053	14,951,893
Less: Personal contributions for social insurance[3]	82,387	88,209	93,809	105,534	115,875	124,170	645,849	693,616	764,930	848,258	959,996	1,035,383
Plus: Adjustment for residence	−121,146	−136,217	−138,886	−155,023	−172,072	−189,386	−223,498	−237,384	−241,743	−269,377	−313,186	−374,711
Equals: Net earnings by place of residence	1,310,562	1,382,841	1,500,500	1,660,601	1,758,959	1,881,924	9,418,829	9,814,866	10,510,761	11,682,947	12,685,871	13,541,799
Plus: Dividends, interest, and rent[5]	243,570	276,527	292,373	326,061	352,010	379,720	1,797,944	1,938,372	2,117,857	2,308,329	2,410,575	2,527,829
Plus: Transfer payments	391,819	426,267	454,847	464,919	507,324	527,407	1,887,499	2,139,160	2,326,287	2,423,361	2,590,358	2,739,875
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,319,405	1,413,806	1,514,934	1,674,300	1,777,204	1,903,075	8,721,591	9,140,796	9,753,330	10,769,658	11,754,604	12,583,104
Other labor income	99,729	108,031	118,989	130,684	137,787	143,964	786,998	864,379	936,105	998,125	1,059,619	1,132,111
Proprietors' income[6]	94,961	85,430	99,272	116,174	131,915	148,441	779,587	740,691	827,999	1,032,799	1,144,830	1,236,678
Farm	6,375	5,041	2,792	4,012	2,872	1,907	30,358	39,052	−815	99,855	113,427	93,705
Nonfarm	88,586	80,389	96,480	112,162	129,043	146,534	749,229	701,639	828,814	932,944	1,031,403	1,142,973
Earnings by industry:												
Farm	7,219	6,019	3,731	4,934	3,809	2,837	49,033	59,882	19,278	119,629	133,481	113,969
Nonfarm	1,506,876	1,601,248	1,729,464	1,916,224	2,043,097	2,192,643	10,239,143	10,685,984	11,498,156	12,680,953	13,825,572	14,837,924
Private	978,728	993,992	1,113,799	1,261,046	1,344,853	1,441,390	8,478,110	8,756,274	9,451,246	10,493,570	11,492,341	12,362,013
Agricultural services, forestry, fisheries, and other[7]	3,030	3,168	4,312	4,611	5,082	5,889	48,874	58,778	70,081	74,396	74,617	83,389
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	48,483	58,891	68,905	73,344	69,899*	82,529
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	391	−113	1,176	1,052	668*	860
Mining	6,186	5,829	4,823	5,224	7,240	6,890	62,095	55,256	51,574	55,227	62,794	60,026
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	5,684*	5,420*	6,321*	7,963	8,772*	9,767
Oil and gas extraction	3,724*	(D)	(D)	(D)	(D)	(D)	46,232*	41,578*	36,878*	37,173*	43,990*	39,434*
Metal mining	0	0	0	0	0	0	(L)	(D)	(D)	(L)	(L)	84
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,476*	7,686*	9,385*	8,782*	9,124*
Construction	72,521	69,254*	80,239*	103,151*	110,257	120,688	527,814	504,374	533,431	614,693	710,819	788,862
Manufacturing	335,579	318,852*	363,042*	411,754*	422,599	446,959	2,535,262	2,530,940	2,665,794	2,958,411	3,131,584	3,223,841
Nondurable goods	248,867*	247,203*	279,559*	294,248*	288,774*	296,944*	836,571	859,493	891,403	955,709	1,010,411	1,074,864
Food and kindred products	70,599*	(D)	79,888*	82,574*	87,763*	89,291*	261,442*	(D)	(D)	(D)	(D)	(D)
Textile mill products	126,352	116,863	139,438	141,776	126,889	130,493	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,484*	(D)	(D)	7,707*	(D)	(D)	(D)	12,659*	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	16,106	16,829*	18,532*	22,517	24,411	26,792	177,516*	184,174*	195,680*	205,316*	228,301*	242,748*
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	15,403	8,587	6,788	6,331*	7,964*	10,226*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	5,526	(D)	7,389*	9,116*	10,077*	11,226*	96,742*	90,825*	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	86,066*	71,715	83,483	117,506	133,226*	149,361*	1,698,691	1,671,447	1,774,391	2,002,702	2,121,173	2,148,977
Lumber and wood products	6,170*	5,037	5,860	10,813	12,243*	14,812*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	23,338*	23,928*	25,983*	29,484*	29,462*	28,771*
Primary metal industries	27,934*	(D)	(D)	(D)	31,054*	30,094*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	294,218*	251,683*	285,341*	311,773*	331,606*	307,199*
Machinery, except electrical	17,320	12,605*	12,217*	15,955*	19,814	20,637	269,615*	246,264*	229,541*	267,737*	264,178*	255,843*
Electric and electronic equipment	19,029	17,596	19,835	22,794	23,026*	25,035*	272,291*	272,397*	277,751*	299,113*	308,866*	284,656*
Transportation equip. exc. motor vehicles	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,812	(D)	(D)	(D)	(D)	(D)	138,934	(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)	(D)	15,567*	(D)	(D)	24,769*	27,171*	27,052*
Transportation and public utilities	71,037*	76,947*	83,936*	91,006	88,507	93,929*	740,642	755,068	765,757	837,346	836,031	881,845
Railroad transportation	(D)	(D)	(D)	(D)	(D)	(D)	80,811	70,089	62,686	65,095	62,135	60,442
Trucking and warehousing	20,364	20,069	20,420	25,553	25,056	27,690	271,828	261,518	272,600	313,382	313,475	317,613
Water transportation	0	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(D)	(D)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	63,897*	66,221*	(D)	(D)	91,075*
Communication	26,076	26,996	27,606	28,326*	29,285	29,640	210,065*	229,089*	233,988*	249,662*	237,228*	254,453*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	113,468*	117,779*	118,326*	127,703*	137,905*	150,785*
Wholesale trade	46,826	52,510	56,038	62,511*	67,917	68,738*	642,437	675,305	713,652	797,355	871,672	900,814
Retail trade	156,062	155,430	170,547	186,556	202,689	216,040	1,148,344	1,205,565	1,315,664	1,426,972	1,571,575	1,694,597
Finance, insurance, and real estate	89,524*	94,379	109,872	131,033	142,757	152,143	770,382	847,251	971,153	1,056,686	1,179,136	1,399,324
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	47,855	192,156*	212,390*	237,516*	(D)	(D)	344,670*
Other finance, insurance, and real estate[9]	60,064*	61,606*	75,844*	93,434*	100,488*	104,288	574,888*	608,945*	703,175*	(D)	(D)	1,001,689*
Services	196,417	215,312	238,834	262,759	297,805	329,009	2,002,260	2,123,737	2,364,140	2,672,484	3,054,113	3,329,315
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	55,898*	54,767*	60,588*	71,181*	78,847*	86,358*
Personal services	13,101*	13,490*	14,048*	15,625*	19,529*	21,412*	99,786	106,794	113,540	121,487	149,386	165,324
Private households	10,882	11,737	12,321	13,859	14,136	14,754	24,537	26,123	26,987	29,859	29,852	30,562
Business services	18,162*	26,015*	30,860*	30,625*	36,822*	43,353*	329,437*	340,155*	405,295*	502,959	644,705	678,975
Auto repair, services, and garages	12,082	12,212	13,094	15,443	16,400	17,618	72,169	66,991	72,939	85,239	93,643	103,423
Miscellaneous repair services	2,624*	2,517*	3,075*	3,872*	3,630*	3,866*	26,346	25,495	28,755	33,590	33,176	32,334
Amusement and recreation services	3,243*	3,294*	3,662*	3,842*	3,765*	4,054*	(D)	(D)	(D)	(D)	48,669	51,557
Motion pictures	1,818*	1,788*	1,897*	2,008*	2,238*	2,134*	4,407*	4,618*	(D)	5,117*	(D)	7,647*
Health services	75,348	83,612	91,132	100,991	114,082	123,624	601,103	680,949	744,465	814,677	902,261	988,113
Legal services	13,749	15,954	19,202	21,194	23,569	26,590	137,122	154,294	175,004	203,127	225,165	248,971
Educational services	(D)	3,911*	4,110*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	4,298*	4,079*	4,141*	4,821*	5,742*	6,202*	61,091*	70,299*	79,921*	89,440*	100,479*	113,492*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	11,460	12,624	12,880	13,231	13,467	13,685	113,438	122,963	133,131	142,356	150,250	157,211
Miscellaneous services	19,031	16,848	20,790	25,492	31,670	36,083	319,732	309,587	341,844	383,112	436,510	497,957
Government and government enterprises	528,148	607,256	615,665	655,178	698,244	751,253	1,761,033	1,929,710	2,046,910	2,187,383	2,333,231	2,475,911
Federal, civilian	106,575	124,351	126,408	137,963	158,728	166,334	352,722	369,414	394,653	410,432	435,594	427,200
Military	256,294	308,865	309,107	327,615	337,002	365,227	29,752	31,256	33,807	39,241	41,394	43,672
State and local	165,279	174,040	180,150	189,600	202,514	219,692	1,378,559	1,529,040	1,618,450	1,737,710	1,856,243	2,005,039

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Corpus Christi, TX (MSA)						Cumberland, MD—WV (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,430,276**	**3,676,450**	**3,783,091**	**4,033,586**	**4,356,601**	**4,306,151**	**931,378**	**972,466**	**1,017,328**	**1,070,292**	**1,105,436**	**1,164,961**
Nonfarm personal income	3,387,616	3,657,019	3,755,842	3,997,605	4,320,292	4,285,864	928,866	969,493	1,013,458	1,064,691	1,100,652	1,160,089
Farm income[1]	42,660	19,431	27,249	35,981	36,309	20,287	2,512	2,973	3,870	5,601	4,784	4,872
Population (thousands)[2]	334.3	346.3	355.2	357.4	359.7	363.3	107.4	106.3	105.9	104.3	103.2	102.2
Per capita personal income (dollars)	**10,262**	**10,616**	**10,651**	**11,286**	**12,110**	**11,853**	**8,674**	**9,146**	**9,610**	**10,261**	**10,717**	**11,402**
Derivation of total personal income:												
Total earnings by place of work	2,796,473	2,952,337	2,970,158	3,170,110	3,408,746	3,278,771	638,107	643,269	667,916	702,608	733,273	746,584
Less: Personal contributions for social insurance[3]	142,081	154,314	156,897	167,133	187,096	181,746	38,032	39,615	41,261	44,215	49,304	50,934
Plus: Adjustment for residence	−76,411	−80,337	−82,039	−88,171	−83,963	−83,610	−4,334	−6,805	−16,548	−16,201	−21,930	−8,587
Equals: Net earnings by place of residence	2,577,981	2,717,686	2,731,222	2,914,806	3,137,687	3,013,415	595,741	596,849	610,107	642,192	662,039	687,063
Plus: Dividends, interest, and rent[5]	439,934	496,345	520,700	571,223	629,902	652,143	127,773	143,587	154,665	167,244	169,236	189,055
Plus: Transfer payments	412,361	462,419	531,169	547,557	589,012	640,593	207,864	232,030	252,556	260,856	274,161	288,843
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,230,931	2,413,013	2,394,015	2,522,206	2,642,125	2,517,342	530,571	533,043	549,134	576,857	601,253	609,404
Other labor income	231,670	261,341	261,601	263,919	262,470	250,241	58,811	60,470	61,510	61,318	62,484	61,389
Proprietors' income[6]	333,872	277,983	314,542	383,985	504,151	511,188	48,725	49,756	57,272	64,433	69,536	75,791
Farm	34,246	9,727	17,914	26,817	27,021	10,948	1,665	2,069	3,007	4,757	3,937	4,020
Nonfarm	299,626	268,256	296,628	357,168	477,130	500,240	47,060	47,687	54,265	59,676	65,599	71,771
Earnings by industry:												
Farm	42,660	19,431	27,249	35,981	36,309	20,287	2,512	2,973	3,870	5,601	4,784	4,872
Nonfarm	2,753,813	2,932,906	2,942,909	3,134,129	3,372,437	3,258,484	635,595	640,296	664,046	697,007	728,489	741,712
Private	2,278,805	2,406,194	2,365,632	2,530,427	2,716,176	2,586,367	551,881	548,162	567,567	596,503	616,249	624,512
Agricultural services, forestry, fisheries, and other[7]	15,343	14,124	16,009	13,231	17,630	16,518	1,188	1,351	1,958	1,882	1,943	1,094
Agricultural services	10,707	10,362	9,988	10,885	12,162	11,499	1,100	1,386	1,654	1,637	1,836	950
Forestry, fisheries, and other[7]	4,636	3,762	6,021	2,346	5,468	5,019	88	(L)	304	245	107	144
Mining	264,339	288,376	258,020	274,542	279,597	229,781	14,560	17,773	15,041	16,913	16,558	16,828
Coal mining	85	(L)	(L)	108	(D)	(D)	12,299	(D)	(D)	15,075	14,132	13,993
Oil and gas extraction	260,051	284,042	253,599	269,173	274,093	226,107	(D)	1,221	1,046	1,105	1,553	1,582
Metal mining	838	472	261	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	3,365	3,851	4,154	(D)	5,071	3,339	(D)	(D)	(D)	740	862	1,227
Construction	304,172	339,611	296,149	276,205	273,944	251,188	36,609	32,966	33,383	49,468	46,944	37,737
Manufacturing	428,620	428,363	404,881	419,708	416,172	391,069	226,563	208,458	209,149	206,415	217,761	223,758
Nondurable goods	281,838	297,057	303,720	323,911	321,834	318,225	173,760	162,120	162,435	155,920	162,866	162,460
Food and kindred products	35,917*	(D)	(D)	39,799*	(D)	41,022*	10,258*	9,850	9,798	9,941	10,484	8,720
Textile mill products	0	0	0	0	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	12,219*	11,135	12,324	11,460	13,588	(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	13,064*	14,363*	14,776*	16,544	17,124*	17,753*	5,124	5,316	5,660	5,119*	5,068*	5,252*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	104,665	115,746	124,478	122,455	117,888	122,948	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)	81,211	(D)	(D)	(D)	(D)	(D)
Leather and leather products	55	(D)	(D)	0	0	0	0	0	0	0	0	0
Durable goods	146,782	131,306	101,161	95,797	94,338	72,844	52,803	46,338	46,714	50,495	54,895	61,298
Lumber and wood products	3,977	(D)	3,228*	3,491*	3,585*	3,280*	2,101	1,764	8,581	9,453	10,193	10,771
Furniture and fixtures	1,012	1,151	1,281	1,281	1,327	1,291	(D)	(L)	0	(D)	0	0
Primary metal industries	(D)	(D)	(D)	17,303	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	15,238*	15,632*	14,382*	14,878*	16,031*	13,902*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	23,549	(D)	19,477	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	7,873*	9,176	10,078	9,569*	9,234	9,106	0	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	343	0	0	0	0	0	0
Stone, clay, and glass products	11,188*	11,857*	(D)	(D)	(D)	(D)	23,068	(D)	(D)	(D)	(D)	(D)
Instruments and related products	4,904	5,074	6,006	5,378	5,804	5,200	0	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,258	2,402	1,585	2,654	2,816	2,479	0	(D)	(D)	(D)	(D)	0
Transportation and public utilities	226,105	185,624	174,085	253,902	346,466	338,483	82,167	85,005	87,339	90,918	90,542	82,606
Railroad transportation	7,999	7,327	6,965	11,984	15,733	16,556	46,282	46,899	49,371	53,097	52,856	53,325
Trucking and warehousing	39,355	41,155	40,118	43,817	41,555	39,726	10,134	10,130	9,660	(D)	11,201	11,669
Water transportation	20,126	15,507	10,992	8,932	11,152	6,222	0	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	18,875	22,978	26,702	29,474	28,977	27,276	2,306	(D)	(D)	(D)	(D)	(D)
Communication	61,756	69,783	69,450	67,012	63,948	63,894	16,675	(D)	(D)	(D)	(D)	5,874
Electric, gas, and sanitary services	77,994	28,874	19,858	92,683	185,101	184,809	6,770	6,384	6,281	7,124	7,920	8,088
Wholesale trade	156,631	165,892	153,951	163,432	171,163	154,195	16,425	15,099	16,125	17,268	16,765	20,934
Retail trade	308,104	332,780	354,025	364,108	383,046	353,741	62,827	66,423	72,893	73,472	77,860	83,906
Finance, insurance, and real estate	101,403	114,453	127,167	136,207	145,946	155,671	15,860	16,782	18,296	18,823	20,448	21,828
Banking and credit agencies	40,857	48,169	52,361	55,434	58,773	58,708	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	60,546	66,284	74,806	80,773	87,173	96,963	7,025*	6,586*	7,369*	8,461*	9,385*	10,029*
Services	474,088	536,971	581,345	629,092	682,212	695,721	95,682	104,305	113,383	121,344	127,428	135,821
Hotels and other lodging places	12,127	12,458	13,918	19,641	22,799	21,640	(D)	1,758	1,848	(D)	1,810	(D)
Personal services	23,342	29,704	32,594	32,069	37,119	36,742	(D)	(D)	(D)	7,722	(D)	(D)
Private households	18,480	20,525	21,891	24,648	25,113	26,172	3,946	(D)	(D)	(D)	(D)	(D)
Business services	105,224	110,829	124,539	135,925	150,391	146,379	4,132	4,987	5,200	5,901	7,614	9,116
Auto repair, services, and garages	28,377	28,152	29,308	29,961	31,143	28,428	3,423	3,493	3,850	4,307	4,628	4,941
Miscellaneous repair services	13,557	15,081	14,784	15,317	13,690	12,461	(D)	1,684	2,107	2,236	2,178	2,059*
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	1,162	1,232	1,397	1,478	1,518	1,578
Motion pictures	(D)	1,075*	1,157*	1,314	1,606	1,514	(D)	(D)	(D)	82	82	106
Health services	148,193	184,463	198,076	208,250	225,313	237,217	55,142	62,256	68,734	71,924	72,788	77,021
Legal services	38,707	44,806	51,554	58,801	66,068	74,303	2,281	2,575	2,740	3,120	3,363	3,714
Educational services	5,391	6,271	7,519	8,480	9,685	10,947	(D)	1,729	1,867	1,861	1,883	2,028
Social services	(D)	6,381	7,406	8,134	8,549	9,071	(D)	2,991	3,329	3,641	4,277	4,588
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	16,524	18,652	20,165	20,712	21,610	22,609	6,890	7,136	7,392	7,598	7,668	7,708
Miscellaneous services	48,692	50,672	50,485	56,341	59,173	57,804	4,430	3,563	3,253	4,710	5,565	6,258
Government and government enterprises	475,008	526,712	577,277	603,702	656,261	672,117	83,714	92,134	96,479	100,504	112,240	117,200
Federal, civilian	135,051	148,718	168,793	180,521	201,611	202,722	6,794	6,838	6,818	7,175	8,218	8,425
Military	61,978	68,657	71,091	64,319	66,599	70,572	1,803	2,538	2,452	2,518	2,751	3,096
State and local	277,979	309,337	337,393	358,862	388,051	398,823	75,117	82,758	87,209	90,811	101,271	105,679

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Dallas, TX (PMSA)						Danville, VA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**26,445,601**	**29,281,753**	**32,047,192**	**36,224,372**	**39,990,690**	**41,829,095**	**1,002,190**	**1,011,896**	**1,099,698**	**1,197,607**	**1,220,678**	**1,275,569**
Nonfarm personal income	26,400,609	29,216,483	31,969,215	36,165,218	39,923,103	41,769,532	969,374	1,001,503	1,090,220	1,169,011	1,211,907	1,268,884
Farm income[1]	44,992	65,270	77,977	59,154	67,587	59,563	32,816	10,393	9,478	28,596	8,771	6,685
Population (thousands)[2]	2,020.0	2,085.2	2,154.4	2,228.3	2,322.2	2,401.4	112.0	111.3	111.0	111.1	110.8	110.3
Per capita personal income (dollars)	**13,092**	**14,042**	**14,876**	**16,257**	**17,221**	**17,419**	**8,949**	**9,090**	**9,904**	**10,780**	**11,019**	**11,560**
Derivation of total personal income:												
Total earnings by place of work	23,312,607	25,810,102	28,666,130	32,782,415	36,315,481	37,966,859	688,982	664,627	725,067	774,948	776,899	814,739
Less: Personal contributions for social insurance[3]	1,211,884	1,359,716	1,537,429	1,769,106	2,052,265	2,168,683	37,537	38,334	40,814	42,472	45,321	48,055
Plus: Adjustment for residence	−1,556,187	−1,933,715	−2,175,291	−2,590,412	−3,059,840	−3,196,528	59,442	61,589	71,615	81,518	83,923	81,536
Equals: Net earnings by place of residence	20,544,536	22,516,671	24,953,410	28,422,897	31,203,376	32,601,648	710,887	687,882	755,868	813,994	815,501	848,220
Plus: Dividends, interest, and rent[5]	3,837,674	4,406,673	4,535,258	5,163,473	5,863,241	6,071,718	136,181	152,734	160,831	192,522	202,083	216,212
Plus: Transfer payments	2,063,391	2,358,409	2,558,524	2,638,002	2,924,073	3,155,729	155,122	171,280	182,999	191,091	203,094	211,137
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	19,270,701	21,409,361	23,640,610	27,185,029	30,243,330	31,538,368	550,485	550,595	597,321	623,693	638,781	668,416
Other labor income	1,920,212	2,233,336	2,475,532	2,699,885	2,911,006	3,056,026	59,508	60,592	65,718	63,761	64,575	66,332
Proprietors' income[6]	2,121,694	2,167,405	2,549,988	2,897,501	3,161,145	3,372,465	78,989	53,440	62,028	87,494	73,543	79,991
Farm	34,883	54,095	67,205	48,543	56,841	48,784	28,462	5,933	5,189	24,389	4,497	2,396
Nonfarm	2,086,811	2,113,310	2,482,783	2,848,958	3,104,304	3,323,681	50,527	47,507	56,839	63,105	69,046	77,595
Earnings by industry:												
Farm	44,992	65,270	77,977	59,154	67,587	59,563	32,816	10,393	9,478	28,596	8,771	6,685
Nonfarm	23,267,615	25,744,832	28,588,153	32,723,261	36,247,894	37,907,296	656,166	654,234	715,589	746,352	768,128	808,054
Private	21,118,931	23,373,470	25,978,753	29,867,558	33,116,407	34,559,998	589,244	582,513	640,238	666,786	681,157	714,883
Agricultural services, forestry, fisheries, and other[7]	64,388	71,780	87,956	100,287	112,511	121,400	1,265	1,270	1,590	1,609	1,622	1,897
Agricultural services	58,320*	71,282	85,491	91,072*	102,692*	118,843	1,149	1,169	1,385	1,375	1,402	1,625
Forestry, fisheries, and other[7]	(D)	498	2,465	1,550*	2,022*	2,557	116	101	205	234	220	272
Mining	1,037,172	1,151,234	1,139,607	1,219,077	1,289,832	1,230,533	1,812	1,705	1,166	1,179	2,311	1,932
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	964,236*	1,064,406*	1,050,403*	1,108,109*	1,171,530*	1,106,787*	(D)	(D)	(D)	1,100	1,706	1,766
Metal mining	(D)	(D)	(D)	(D)	(D)	256	0	0	0	0	(D)	(D)
Nonmetallic minerals, except fuels	18,484*	18,013*	19,327*	20,960*	(D)	18,158*	(D)	(D)	(D)	79	(D)	(D)
Construction	1,710,269	1,949,366	2,280,128	2,697,420	2,907,925	2,924,128	29,401	30,430	34,395	37,738	40,842	43,989
Manufacturing	4,742,746	4,971,250	5,291,062	6,043,606	6,697,743	6,836,777	335,667	319,277	355,346	358,441	350,339	362,388
Nondurable goods	1,387,004	1,452,807	1,571,525	1,739,284	1,860,151	1,956,797	274,422	267,131	297,192	294,873	285,352	295,848
Food and kindred products	309,024*	334,350*	365,586*	391,867*	434,296*	480,715*	4,203	4,013	4,170	3,981	(D)	(D)
Textile mill products	5,947*	6,420*	8,542*	9,892	8,941*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	174,220*	164,670*	169,030*	175,488*	173,539*	168,661*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	134,909*	136,595*	146,634*	176,270*	165,952*	158,374*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	361,962*	402,763*	444,568*	504,953*	575,906	624,219*	7,118	(D)	(D)	(D)	(D)	8,876
Chemicals and allied products	218,935*	228,073*	237,570*	246,786*	274,302	255,950*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	47,696	50,764	52,142	60,922*	55,335*	89,801*	0	0	0	0	0	0
Tobacco manufactures	0	0	0	(D)	304	344	24,746	25,694	26,454	25,715	28,577	27,928
Rubber and misc. plastic products	103,360*	97,940*	117,620*	141,750*	148,516*	143,247	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	3,355,742	3,518,443	3,719,537	4,304,322	4,837,592	4,879,980	61,245	52,146	58,154	63,568	64,987	66,540
Lumber and wood products	64,538*	68,347*	90,004*	110,692*	123,869*	123,003*	25,943	16,679	19,750	20,976	14,139	14,007
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	86,984*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	105,608*	(D)	(D)	116,522	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	342,560	355,901*	363,832*	405,823*	408,546*	414,472	304	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	789,188*	746,880*	694,040*	795,735*	837,105	534,640*	(D)	7,381	2,501	2,958	2,806	3,031
Electric and electronic equipment	1,169,797*	1,235,713*	1,355,927*	1,569,845*	1,907,628*	2,069,131*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	427,186*	453,173*	472,947*	543,572*	665,257*	778,145*	0	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	44,015*	37,068*	(D)	(D)	(D)	(D)	138	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	155,930	169,031*	187,276*	224,059	238,559*	255,405*	21,625	19,928	20,270	21,751	30,440	(D)
Instruments and related products	125,668*	146,431*	152,540*	168,396*	160,099*	164,457*	0	0	0	0	0	0
Miscellaneous manufacturing industries	52,433*	45,352	52,989	79,783	75,667	69,900	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,023,834	2,280,404	2,418,590	2,658,449	2,912,651	3,122,855	25,390	25,973	26,887	28,035	28,337	29,840
Railroad transportation	50,843	50,421	52,073	54,951	50,060	48,968	5,874	4,929	4,278	5,181	5,389	5,112
Trucking and warehousing	591,712*	(D)	(D)	(D)	(D)	(D)	9,173	9,748	10,459	11,522	11,478	12,958
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,051	(D)	(D)	(D)	(D)	(D)
Communication	515,745*	616,564*	661,197*	662,684*	731,129*	775,714*	6,933	7,696	8,308	7,307	7,326	7,457
Electric, gas, and sanitary services	239,039*	276,380*	309,147*	331,951*	382,103*	402,830*	1,351	1,479	1,642	1,887	2,005	2,284
Wholesale trade	2,751,163	2,993,401	3,158,569	3,456,796	3,766,437	3,955,053	22,464	22,871	22,550	25,560	26,640	28,742
Retail trade	2,369,045	2,604,975	2,990,497	3,491,848	3,823,002	3,962,541	64,429	66,365	72,792	77,485	84,127	87,360
Finance, insurance, and real estate	2,055,233	2,283,685	2,772,161	3,316,687	3,852,826	4,108,415	17,099	15,365	18,151	19,129	20,602	23,100
Banking and credit agencies	515,634	623,904	753,951	906,641	1,089,805*	1,187,240*	7,930	8,399	8,790	9,308	10,209	10,766
Other finance, insurance, and real estate[9]	1,539,599	1,659,781	2,018,210	2,410,046	2,756,909*	2,915,062*	9,169	6,966	9,361	9,821	10,393	12,334
Services	4,365,081	5,067,375	5,840,183	6,883,388	7,753,480	8,298,296	91,717	99,257	107,361	117,610	126,337	135,635
Hotels and other lodging places	160,674	172,738*	250,835*	282,226*	272,241*	316,754*	2,068	1,928	2,353	2,478	(D)	(D)
Personal services	248,050	280,659	323,144	362,603	388,758	406,769	6,695	7,422	8,165	8,586	10,623	11,052
Private households	(D)	102,067	108,875	122,641	124,932	130,232	10,240	11,044	11,595	13,031	13,183	13,706
Business services	1,142,388	1,412,041	1,683,070	2,029,954	2,436,458	2,609,600	3,375	3,954	4,754	5,863	7,162	7,715
Auto repair, services, and garages	190,059	202,994	233,115	284,173	311,367	325,755	5,494	4,989	5,694	6,564	7,142	7,572
Miscellaneous repair services	71,389	78,025	90,700	114,912	104,645	104,194	1,764	2,160	2,947	3,517	3,082	3,486
Amusement and recreation services	87,636*	99,505*	117,892*	140,977*	153,740*	154,677*	1,116	1,136	1,109	1,608	1,398	1,599
Motion pictures	39,532*	38,033*	42,656*	48,298*	59,429*	64,257*	(D)	(D)	(D)	(D)	197	234
Health services	1,019,987	1,197,162	1,332,489	1,447,330	1,623,592	1,760,355	40,640	45,920	48,570	51,478	54,873	55,883
Legal services	340,137	435,092	520,919	662,414	770,539	865,656	3,211	3,541	4,076	5,341	5,800	6,554
Educational services	108,660*	124,438*	139,074*	157,220*	179,315*	190,897*	5,013	5,221	5,519	5,638	5,972	6,405
Social services	71,917*	80,293*	89,482*	109,121*	118,280*	113,159*	2,628	2,404	2,721	3,006	3,330	7,245
Museums, botanical, zoological gardens	(D)	2,380*	2,676*	3,774*	4,411*	5,357*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	140,721*	160,942	172,233	186,556	204,239	209,673	5,595	5,912	6,109	6,199	6,129	6,001
Miscellaneous services	645,767	678,481	730,060	926,009	995,966	1,034,108	3,819	3,511	3,651	4,105	5,194	5,771
Government and government enterprises	2,148,684	2,371,362	2,609,400	2,855,703	3,131,487	3,347,298	66,922	71,721	75,351	79,566	86,971	93,171
Federal, civilian	550,241	576,366	618,453	687,367	750,995	774,375	6,451	6,900	6,800	7,209	7,510	7,632
Military	51,061	63,326	67,110	73,027	83,571	88,758	1,883	2,597	2,408	2,780	3,217	3,769
State and local	1,547,382	1,731,670	1,923,837	2,095,309	2,296,921	2,484,165	58,588	62,224	66,143	69,577	76,244	81,770

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Davenport—Rock Island—Moline, IA—IL (MSA)						Dayton—Springfield, OH (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,475,210**	**4,486,556**	**4,465,391**	**4,812,550**	**4,951,451**	**5,048,860**	**9,991,889**	**10,304,933**	**10,934,071**	**11,952,617**	**12,783,112**	**13,488,485**
Nonfarm personal income	4,399,057	4,456,048	4,498,366	4,755,583	4,906,114	4,984,950	9,966,334	10,267,040	10,934,645	11,894,130	12,712,021	13,428,814
Farm income[1]	76,153	30,508	−32,975	56,967	45,337	63,910	25,555	37,893	−574	58,487	71,091	59,671
Population (thousands)[2]	388.0	386.6	383.7	381.2	376.9	371.3	940.5	935.8	929.1	929.2	930.5	933.5
Per capita personal income (dollars)	**11,533**	**11,604**	**11,639**	**12,626**	**13,137**	**13,597**	**10,624**	**11,011**	**11,769**	**12,864**	**13,737**	**14,449**
Derivation of total personal income:												
Total earnings by place of work	3,598,379	3,403,288	3,294,997	3,636,623	3,764,283	3,769,737	7,770,067	7,752,806	8,214,527	9,183,521	9,912,902	10,439,388
Less: Personal contributions for social insurance[3]	209,913	210,476	203,787	220,766	239,197	240,066	474,384	485,825	530,245	593,229	664,303	705,841
Plus: Adjustment for residence	−190,856	−169,603	−166,721	−193,419	−214,482	−191,673	−345,458	−326,536	−362,192	−430,577	−458,819	−450,357
Equals: Net earnings by place of residence	3,197,610	3,023,209	2,924,489	3,222,438	3,310,604	3,337,998	6,950,225	6,940,445	7,322,090	8,159,715	8,789,780	9,283,190
Plus: Dividends, interest, and rent[5]	714,928	798,090	814,083	874,625	887,566	926,731	1,437,692	1,523,427	1,650,782	1,781,854	1,844,747	1,933,001
Plus: Transfer payments	562,672	665,257	726,819	715,487	753,281	784,131	1,603,972	1,841,061	1,961,199	2,011,048	2,148,585	2,272,294
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,935,167	2,811,570	2,740,224	2,943,488	3,046,052	3,006,314	6,638,079	6,636,603	7,009,975	7,809,602	8,420,717	8,867,715
Other labor income	324,331	307,687	297,129	306,114	308,621	301,272	651,259	671,203	724,467	788,503	829,904	864,676
Proprietors' income[6]	338,881	284,031	257,644	387,021	409,610	462,151	480,729	445,000	480,085	585,416	662,281	706,997
Farm	67,128	20,632	−42,501	47,610	35,816	54,325	14,850	25,730	−12,295	46,962	59,405	47,873
Nonfarm	271,753	263,399	300,145	339,411	373,794	407,826	465,879	419,270	492,380	538,454	602,876	659,124
Earnings by industry:												
Farm	76,153	30,508	−32,975	56,967	45,337	63,910	25,555	37,893	−574	58,487	71,091	59,671
Nonfarm	3,522,226	3,372,780	3,327,972	3,579,656	3,718,946	3,705,827	7,744,512	7,714,913	8,215,101	9,125,034	9,841,811	10,379,717
Private	3,089,230	2,839,951	2,750,573	2,956,111	3,053,518	3,044,792	6,293,197	6,182,016	6,602,340	7,415,403	8,047,743	8,541,947
Agricultural services, forestry, fisheries, and other[7]	8,493	11,954	18,358	18,374	15,397	17,145	22,297	21,244	24,343	26,195	26,565	29,499
Agricultural services	8,070	12,071	16,993	16,999	14,729	16,274	22,037	21,340	23,569	25,569	26,281	29,125
Forestry, fisheries, and other[7]	423	−117	1,365	1,375	668	871	260	−96	774	626	284	374
Mining	12,901	10,768	9,636	10,429	14,218	14,809	26,852	21,874	21,130	23,795	30,301	23,677
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	126	120	140	173	187	193
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	19,750	16,040	14,087	15,765	(D)	22,532
Metal mining	0	(L)	0	0	(D)	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	6,979	5,745	6,907	7,870	7,645*	904
Construction	195,522	152,468	144,607	158,865	163,697	169,722	363,369	316,125	335,486	381,521	421,938	472,659
Manufacturing	1,466,734	1,227,374	1,080,744	1,173,632	1,185,999	1,082,626	2,754,592	2,590,108	2,742,773	3,190,614	3,450,618	3,512,981
Nondurable goods	173,074	163,447	165,403	172,773	197,559	217,978	748,407	689,802	726,710	827,194	864,810	882,454
Food and kindred products	97,125	84,710	83,036	81,771	(D)	(D)	(D)	67,729*	64,237*	67,579*	68,751*	68,798*
Textile mill products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	6,773*	8,258*	8,569*	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	135,877*	135,114*	140,606*	167,670*	180,688*	186,936*
Printing and publishing	33,971	35,387	36,817	41,789	45,580	48,028	200,165	184,613	180,440	204,352	212,587	229,918
Chemicals and allied products	18,824*	21,078*	22,571*	24,887*	25,497*	26,122*	41,786*	46,958*	53,368*	55,841*	(D)	(D)
Petroleum and coal products	0	(L)	128	(D)	1,697	3,446	(D)	5,685*	5,001*	3,926	4,608	6,341
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)	299,361	(D)	(D)
Leather and leather products	(D)	58	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,293,660	1,063,927	915,341	1,000,859	988,440	864,648	2,006,185	1,900,306	2,016,063	2,363,420	2,585,808	2,630,527
Lumber and wood products	(D)	9,282*	9,982*	(D)	(D)	13,512*	15,508	12,693	12,603	13,295	13,794	16,497
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	82,790	72,658	65,431	71,260	70,971	71,771
Fabricated metal products	31,242	(D)	(D)	29,794	28,277	26,689	168,747	(D)	(D)	(D)	230,010	238,219
Machinery, except electrical	976,200	769,135	628,421	682,976	678,387	561,992	876,420	855,745	871,472	1,011,200	1,092,823	1,101,638
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	110,974	107,770	107,526	119,513*	129,975	135,909*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	10,166	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	18,206	15,974	15,440	15,451	14,735	15,769	(D)	(D)	(D)	(D)	56,989	56,013
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	31,276*	32,764*	39,292*	42,027*	40,018*	42,229*
Miscellaneous manufacturing industries	2,301*	1,831*	1,501*	1,576*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	187,314	197,031	200,888	210,784	212,003	214,028	379,217	395,176	389,929	426,393	417,741	433,356
Railroad transportation	4,708	5,014	5,439	4,772	3,570	3,797	19,658	17,791	16,635	15,329	12,148	11,486
Trucking and warehousing	70,271	68,835	67,287	73,442	73,527	69,974	134,939	127,900	130,376	151,364	149,977	147,572
Water transportation	(D)	1,335*	1,777*	(D)	(D)	2,982*	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	43,894	45,853	47,170	45,681	46,030	42,381	102,870	113,068	115,884	123,538	105,815	106,000
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	246,284	245,718	229,879	247,171	256,326	260,169	406,218	416,744	430,846	474,321	522,134	549,991
Retail trade	334,815	329,772	346,206	360,480	370,038	385,302	668,624	680,348	719,109	767,724	837,117	905,190
Finance, insurance, and real estate	136,958	137,244	151,300	152,035	156,112	174,436	264,836	264,179	308,412	320,303	339,547	390,395
Banking and credit agencies	50,353	54,397	58,240	60,850	63,054	66,246	115,960	(D)	(D)	146,105	152,667	161,501
Other finance, insurance, and real estate[9]	86,605	82,847	93,060	91,185	93,058	108,190	148,876	(D)	(D)	174,198	186,880	228,894
Services	500,209	527,622	568,955	624,341	679,728	726,555	1,407,192	1,476,218	1,630,312	1,804,537	2,001,782	2,224,199
Hotels and other lodging places	10,003*	(D)	(D)	(D)	(D)	(D)	20,421*	18,823*	20,242*	20,393*	22,113*	21,734*
Personal services	31,486	32,322	34,581	36,455	43,269	44,745	82,756	83,822	89,244	93,125	108,815	114,866
Private households	(D)	7,594	7,865	8,716	8,681	8,850	16,538	17,604	18,184	20,113	20,111	20,586
Business services	61,848	68,644	78,429	92,668	108,771	124,428	225,752	234,039	284,923	340,536	425,291	522,742
Auto repair, services, and garages	19,777	20,169	22,399	26,404	28,513	30,599	52,040	46,446	50,873	59,725	66,976	72,900
Miscellaneous repair services	9,810	10,225	11,582	13,551	14,050	14,866	24,766	20,711	23,646	28,585	28,089	29,193
Amusement and recreation services	10,879	10,978	11,980	12,168	12,884	12,526	22,395	21,678	22,428	23,666	25,968	27,842
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	174,322	196,896	206,360	211,867	222,242	233,474	586,127	663,902	719,197	766,618	807,392	864,848
Legal services	28,599	29,669	33,566	42,077	45,056	49,410	69,430	76,210	78,799	92,154	96,473	106,955
Educational services	(D)	26,262*	30,144*	33,612	35,075*	38,715*	76,073	80,124	87,263	96,176	98,451	108,608
Social services	15,835	16,860	17,955	20,907	22,169	22,594	31,826	32,982	35,119	39,359	44,295	49,688
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	30,459	32,605	32,850	33,773	34,630	34,932	62,989	63,337	66,460	70,108	72,601	74,127
Miscellaneous services	74,092	63,791	68,123	78,668	90,052	97,496	129,508	109,972	127,098	146,473	176,507	200,444
Government and government enterprises	432,996	532,829	577,399	623,545	665,428	661,035	1,451,315	1,532,897	1,612,761	1,709,631	1,794,068	1,837,770
Federal, civilian	183,160	256,787	288,503	319,929	344,826	327,416	615,147	630,203	649,762	667,022	681,187	673,279
Military	11,700	13,619	15,950	17,123	18,880	20,421	191,504	226,689	249,189	264,762	294,332	299,608
State and local	238,136	262,423	272,946	286,493	301,722	313,198	644,664	676,005	713,810	777,847	818,549	864,883

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Daytona Beach, FL (MSA)						Decatur, IL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,638,239**	**2,842,793**	**3,180,135**	**3,499,891**	**3,861,463**	**4,184,990**	**1,435,384**	**1,443,790**	**1,443,165**	**1,580,143**	**1,661,544**	**1,702,093**
Nonfarm personal income	2,611,502	2,809,107	3,137,664	3,450,357	3,808,188	4,124,699	1,399,429	1,422,901	1,449,397	1,558,887	1,630,720	1,677,040
Farm income[1]	26,737	33,686	42,471	49,534	53,275	60,291	35,955	20,889	−6,232	21,256	30,824	25,053
Population (thousands)[2]	271.7	282.0	291.5	300.5	310.8	320.9	131.3	130.0	129.1	128.7	128.2	126.7
Per capita personal income (dollars)	**9,709**	**10,082**	**10,909**	**11,646**	**12,424**	**13,041**	**10,931**	**11,103**	**11,182**	**12,281**	**12,958**	**13,434**
Derivation of total personal income:												
Total earnings by place of work	1,281,535	1,350,497	1,516,690	1,720,959	1,919,200	2,108,539	1,203,661	1,159,119	1,131,474	1,292,429	1,369,663	1,392,484
Less: Personal contributions for social insurance[3]	67,161	72,946	82,191	95,063	111,402	122,214	69,512	70,287	68,973	77,767	85,922	88,524
Plus: Adjustment for residence	65,475	77,435	88,140	99,441	114,921	128,790	−151,114	−135,792	−123,259	−145,362	−157,561	−163,457
Equals: Net earnings by place of residence	1,279,849	1,354,986	1,522,639	1,725,337	1,922,719	2,115,115	983,035	953,040	939,242	1,069,300	1,126,180	1,140,503
Plus: Dividends, interest, and rent[5]	754,849	806,014	907,238	996,321	1,098,374	1,177,871	247,762	256,200	255,370	271,018	282,930	298,283
Plus: Transfer payments	603,541	681,793	750,258	778,233	840,370	892,004	204,587	234,550	248,553	239,825	252,434	263,307
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,001,491	1,084,485	1,195,426	1,356,953	1,511,933	1,650,563	971,982	943,951	927,340	1,042,260	1,094,510	1,109,505
Other labor income	88,102	98,257	110,617	121,942	135,943	146,111	112,921	112,088	110,598	120,850	126,177	127,334
Proprietors' income[6]	191,942	167,755	210,647	242,064	271,324	311,865	118,758	103,080	93,536	129,319	148,976	155,645
Farm	17,130	22,505	31,609	38,851	42,447	49,467	33,206	18,009	−9,006	18,533	28,041	22,245
Nonfarm	174,812	145,250	179,038	203,213	228,877	262,398	85,552	85,071	102,542	110,786	120,935	133,400
Earnings by industry:												
Farm	26,737	33,686	42,471	49,534	53,275	60,291	35,955	20,889	−6,232	21,256	30,824	25,053
Nonfarm	1,254,798	1,316,811	1,474,219	1,671,425	1,865,925	2,048,248	1,167,706	1,138,230	1,137,706	1,271,173	1,338,839	1,367,431
Private	1,056,702	1,089,359	1,226,241	1,399,680	1,574,498	1,723,010	1,086,516	1,042,422	1,039,873	1,168,524	1,231,500	1,255,620
Agricultural services, forestry, fisheries, and other[7]	9,575	8,714	11,235	11,785	13,882	15,838	6,577	7,141	8,070	6,885	5,448	6,263
Agricultural services	8,237	7,729	9,181	10,267	10,441	11,917	6,535	7,135	7,955	(D)	5,383	6,183
Forestry, fisheries, and other[7]	1,338	985	2,054	1,518	3,441	3,921	(L)	(L)	115	(D)	65	80
Mining	11,540	9,803	8,074	8,763	13,989	14,206	4,703	4,212	4,255	3,799	4,194	3,163
Coal mining	137	147	176	182	195	205	0	0	0	0	0	0
Oil and gas extraction	11,397	9,691	7,875	8,560	13,754	14,102	(D)	(D)	(D)	3,674	4,161	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	54	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(L)	(L)	(L)	(L)	−155	(D)	(D)	(D)	125	(L)	(D)
Construction	113,208	105,740	116,987	156,756	177,413	193,214	78,669	61,431	57,374	60,130	71,600	83,261
Manufacturing	154,848	167,630	186,425	219,808	260,694	273,073	510,201	465,562	443,720	529,651	534,546	516,370
Nondurable goods	36,484	38,019	40,584	46,239	49,048	57,652	212,844	227,525	225,559	244,066	253,471	247,679
Food and kindred products	7,755	8,078	6,112	6,294	6,495	7,704	137,420	149,946	146,794	153,467	160,062	155,377
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Apparel and other textile products	1,375	(D)	(D)	1,456	1,541	2,015	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	17,478	18,893	21,640	25,303	27,074	32,543	10,104	9,581	9,155	9,264	10,199	10,927
Chemicals and allied products	5,537	5,861	7,178	7,762	8,513	8,967	3,706	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	402	176	114	171	205	247	(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	(D)	3,257	3,484	4,169	4,529	5,278	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(L)	0	0	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	118,364	129,611	145,841	173,569	211,646	215,421	297,357	238,037	218,161	285,585	281,075	268,691
Lumber and wood products	7,190	6,165	7,652	10,145	11,219	11,390	(D)	982	1,773	1,098	2,482	3,012
Furniture and fixtures	270	234	376	483	502	484	316	(D)	(D)	(D)	(D)	(D)
Primary metal industries	504	584	571	571	657	700	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	20,590	25,069	29,752	35,995	47,961	45,686	35,214	35,185	40,797	47,832	45,588	43,738
Machinery, except electrical	6,357	5,082	5,058	6,007	7,422	8,290	217,272	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	60,929	70,060	(D)	(D)	105,331	0	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	2,828	4,179	3,410	4,768	3,890	4,215	(D)	(D)	(D)	0	0	(D)
Motor vehicles and equipment	1,406	(D)	(D)	367	490	(D)	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	5,209	4,469	5,346	6,816	8,097	8,992	8,402	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	946	951	1,588
Miscellaneous manufacturing industries	1,953	5,015	6,272	8,625	12,400	11,326	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	78,019	84,062	85,624	89,234	93,620	98,270	126,182	130,790	129,725	143,056	161,956	167,682
Railroad transportation	2,633	2,633	2,786	3,082	3,117	3,561	35,052	33,435	32,842	35,158	32,428	29,983
Trucking and warehousing	10,027	9,841	10,552	12,974	12,948	13,810	33,185	33,467	34,388	38,149	40,481	40,262
Water transportation	735	672	708	1,028	1,447	1,578	0	(D)	(D)	0	0	0
Other transportation[8]	10,550	11,606	13,034	12,869	13,510	15,122	(D)	3,985	4,191	(D)	(D)	(D)
Communication	34,437	36,109	34,067	32,925	33,886	32,666	13,566	(D)	(D)	9,975	10,375	10,470
Electric, gas, and sanitary services	19,637	23,201	24,477	26,356	28,712	31,533	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	42,016	44,027	47,026	56,401	64,176	67,900	35,648	34,089	35,807	39,251	44,192	43,037
Retail trade	220,322	231,785	264,103	288,291	318,911	352,309	101,296	98,155	100,533	106,575	112,033	115,598
Finance, insurance, and real estate	69,195	61,595	81,335	89,616	102,202	126,921	49,831	51,419	53,618	57,033	55,994	60,509
Banking and credit agencies	28,895	30,587	35,429	42,119	45,671	50,310	21,973	23,479	23,838	25,873	26,059	26,656
Other finance, insurance, and real estate[9]	40,300	31,008	45,906	47,497	56,531	76,611	27,858	27,940	29,780	31,160	29,935	33,853
Services	357,979	376,003	425,432	479,026	529,611	581,279	173,409	189,623	206,771	222,144	241,537	259,737
Hotels and other lodging places	(D)	43,289	49,375	48,686	48,854	54,338	1,129	(D)	(D)	(D)	(D)	4,255
Personal services	15,273	17,146	19,602	20,845	25,950	27,566	13,466	14,651	15,581	15,882	19,227	20,260
Private households	9,421	10,339	10,995	12,498	12,863	13,522	2,898	3,088	3,202	3,550	3,556	3,642
Business services	28,796	34,832	43,167	50,886	52,539	56,066	18,252	23,079	28,877	35,616	42,946	46,990
Auto repair, services, and garages	13,867	12,040	15,184	18,331	19,391	21,244	7,826	7,918	8,526	9,740	10,768	11,619
Miscellaneous repair services	6,272	6,470	7,902	9,818	8,749	9,839	3,235	3,180	3,121	3,724	4,164	4,903
Amusement and recreation services	15,331	15,116	16,350	17,740	20,210	22,033	3,503	3,609	3,970	4,117	4,155	4,100
Motion pictures	4,347	(D)	(D)	(D)	2,193	2,690	(D)	248	225	244	230	(D)
Health services	96,268	109,503	122,018	134,757	153,201	171,900	74,242	79,931	86,660	89,414	93,268	99,663
Legal services	23,010	25,327	28,478	33,565	36,203	40,103	9,590	10,747	11,073	12,683	12,982	13,582
Educational services	29,883	31,900	32,726	36,285	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	9,262	9,278	10,490	12,415	14,863	17,791	7,561	8,240	8,714	9,613	9,517	9,857
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	13,619	15,265	17,813	21,685	23,000	23,843	11,088	11,872	12,189	11,351	11,727	11,912
Miscellaneous services	50,663	43,397	49,162	59,313	71,639	79,062	13,830	12,417	13,148	13,709	15,459	18,379
Government and government enterprises	198,096	227,452	247,978	271,745	291,427	325,238	81,190	95,808	97,833	102,649	107,339	111,811
Federal, civilian	18,390	18,859	21,386	23,366	25,694	26,555	11,304	11,535	12,130	12,706	12,717	12,751
Military	3,476	4,237	4,907	5,346	6,095	6,856	1,429	1,639	1,800	1,732	1,814	1,942
State and local	176,230	204,356	221,685	243,033	259,638	291,827	68,457	82,634	83,903	88,211	92,808	97,118

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Denver, CO (PMSA)						Des Moines, IA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**19,643,802**	**21,640,042**	**23,167,908**	**25,153,327**	**26,614,575**	**27,739,764**	**4,457,640**	**4,677,702**	**4,894,668**	**5,240,572**	**5,504,625**	**5,802,212**
Nonfarm personal income	19,614,735	21,613,381	23,108,855	25,104,561	26,552,258	27,667,521	4,396,916	4,645,913	4,883,942	5,207,104	5,459,816	5,733,060
Farm income[1]	29,067	26,661	59,053	48,766	62,317	72,243	60,724	31,789	10,726	33,468	44,809	69,152
Population (thousands)[2]	1,477.6	1,522.5	1,562.4	1,587.5	1,615.3	1,633.1	370.8	371.3	374.4	377.1	379.6	381.3
Per capita personal income (dollars)	**13,295**	**14,214**	**14,829**	**15,844**	**16,476**	**16,986**	**12,021**	**12,597**	**13,072**	**13,898**	**14,499**	**15,216**
Derivation of total personal income:												
Total earnings by place of work	16,350,955	18,028,914	19,113,362	20,830,212	22,154,777	23,060,111	3,584,774	3,664,896	3,848,691	4,172,800	4,397,439	4,661,233
Less: Personal contributions for social insurance[3]	899,269	988,235	1,023,389	1,123,880	1,244,638	1,305,452	205,932	227,969	236,411	257,764	284,499	303,928
Plus: Adjustment for residence	−703,490	−864,277	−876,478	−891,720	−1,027,962	−1,123,909	−164,830	−166,219	−183,207	−188,572	−197,076	−201,413
Equals: Net earnings by place of residence	14,748,196	16,176,402	17,213,495	18,814,612	19,882,177	20,630,750	3,214,012	3,270,708	3,429,073	3,726,464	3,915,864	4,155,892
Plus: Dividends, interest, and rent[5]	2,972,165	3,298,774	3,586,295	3,899,206	4,126,725	4,314,325	696,725	787,280	804,577	852,970	878,191	903,533
Plus: Transfer payments	1,923,441	2,164,866	2,368,118	2,439,509	2,605,673	2,794,689	546,903	619,714	661,018	661,138	710,570	742,787
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	13,823,699	15,293,579	16,044,797	17,478,896	18,510,260	19,188,868	2,938,866	3,024,889	3,173,541	3,429,208	3,602,733	3,794,211
Other labor income	1,228,906	1,459,186	1,555,762	1,634,234	1,716,744	1,780,503	283,354	301,663	317,084	323,403	330,380	343,609
Proprietors' income[6]	1,298,350	1,276,149	1,512,803	1,717,082	1,927,773	2,090,740	362,554	338,344	358,066	420,189	464,326	523,413
Farm	12,674	10,026	42,956	32,942	46,170	55,964	51,963	22,829	2,040	24,917	36,170	60,448
Nonfarm	1,285,676	1,266,123	1,469,847	1,684,140	1,881,603	2,034,776	310,591	315,515	356,026	395,272	428,156	462,965
Earnings by industry:												
Farm	29,067	26,661	59,053	48,766	62,317	72,243	60,724	31,789	10,726	33,468	44,809	69,152
Nonfarm	16,321,888	18,002,253	19,054,309	20,781,446	22,092,460	22,987,868	3,524,050	3,633,107	3,837,965	4,139,332	4,352,630	4,592,081
Private	13,873,990	15,345,916	16,236,931	17,786,396	18,887,279	19,583,395	3,029,661	3,104,619	3,282,874	3,555,719	3,733,667	3,949,172
Agricultural services, forestry, fisheries, and other[7]	57,794	65,974	76,116	81,397	83,850	91,442	24,573	28,114	35,061	34,272	25,900	28,875
Agricultural services	57,342	66,029	74,823	80,645	82,729	90,119	24,495	28,136	34,746	33,918	25,729	28,658
Forestry, fisheries, and other[7]	452	−55	1,293	752	1,121	1,323	78	(L)	315	354	171	217
Mining	973,225	1,170,829	1,108,219	1,098,650	1,075,861	978,648	11,263	10,737	8,309	8,767	12,024	11,400
Coal mining	17,590	26,440	29,415	27,554	31,017	29,942	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	804,194	991,959	953,301	949,344	949,134*	864,905*	7,837*	7,153*	(D)	5,893*	8,739*	8,396*
Metal mining	144,692	140,386*	114,625*	110,525*	82,232*	81,375	0	0	0	0	0	0
Nonmetallic minerals, except fuels	6,749	11,579*	10,401*	(D)	(D)	(D)	(D)	2,603*	1,720*	2,057*	2,322*	2,036*
Construction	1,186,314	1,393,984	1,470,449	1,617,277	1,609,252	1,531,217	205,295	185,191	186,208	209,824	228,768	238,781
Manufacturing	2,459,702	2,561,926	2,562,459	2,847,318	3,048,988	3,204,780	608,106	570,570	594,053	651,763	628,174	624,486
Nondurable goods	1,039,997	1,100,880	1,147,859	1,261,570	1,319,749	1,364,882	369,597	366,376	394,964	426,354	405,865	403,430
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)	743	853	(D)	(D)	(D)
Apparel and other textile products	28,003*	28,082*	23,516*	27,151*	(D)	(D)	1,654	1,730	1,931	2,218	2,333*	2,241
Paper and allied products	36,163*	36,160*	40,796*	48,649*	48,748*	49,710*	10,477	11,868	11,659	13,654	21,831	15,914
Printing and publishing	201,242*	232,155*	255,196*	306,880*	338,339*	347,591*	130,091	140,183	151,205	157,694	164,523	173,777
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	14,420*	15,203*	16,041*	16,957*	14,076*	11,912*
Petroleum and coal products	30,818*	30,872	32,124	32,559	35,046	35,469	1,875	2,190	2,213	1,904*	1,949	1,933
Tobacco manufactures	113	(L)	57	76	(L)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	134,429*	98,413*	93,132
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	2,792	2,639	2,994	(D)	(D)	(D)
Durable goods	1,419,705	1,461,046	1,414,600	1,585,748	1,729,239	1,839,898	238,509	204,194	199,089	225,409	222,309	221,056
Lumber and wood products	20,877	20,620*	24,855*	29,449*	28,740	30,100	(D)	1,955*	2,523*	2,408*	2,333*	3,074*
Furniture and fixtures	30,896*	31,100*	30,820*	37,589	40,589	41,395	3,376*	4,167*	6,181*	7,115	7,675	9,021
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	163,294*	158,682*	184,830	190,911	190,591	31,877	25,347*	25,637*	30,725*	24,244*	24,980*
Machinery, except electrical	200,040	203,690	170,017	190,300	193,002	197,320	140,778*	113,033*	101,360*	125,746*	121,834*	112,181*
Electric and electronic equipment	(D)	204,456	219,417	(D)	(D)	256,991	6,202	1,621	1,596	1,787	1,441	1,540
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	23,989	(D)	(D)	(D)	24,499	22,549	2,789	2,865*	2,354*	2,489*	9,912*	9,920*
Stone, clay, and glass products	204,948*	191,869*	181,218*	207,037*	199,173	199,945	(D)	(D)	(D)	(D)	(D)	15,490*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	46,232	44,035	46,952	42,059*	40,850*	42,776*	13,821*	12,958*	14,264*	14,716*	15,016	17,111
Transportation and public utilities	1,616,346	1,794,761	1,949,927	2,045,539	2,194,100	2,311,317	306,492	316,424	318,231	326,040	350,966	364,000
Railroad transportation	112,961	111,996	113,528	119,104	111,454	102,588	21,104	19,005	17,199	18,550	17,239	15,278
Trucking and warehousing	291,112	305,425	317,642	344,812*	336,787	335,869	110,156*	111,138*	113,719*	123,421	125,167	129,278
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(D)
Other transportation[8]	480,362*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	35,279	(D)
Communication	(D)	(D)	(D)	730,839	827,282	853,078	(D)	(D)	(D)	117,338	127,032	126,843
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	46,251	46,686
Wholesale trade	1,478,694	1,556,811	1,563,927	1,716,030	1,783,980	1,778,544	341,324	364,796	375,047	416,131	439,967	456,704
Retail trade	1,597,993	1,733,880	1,888,817	2,068,914	2,156,955	2,225,009	353,298	357,504	381,108	405,341	417,632	440,822
Finance, insurance, and real estate	1,186,535	1,320,678	1,528,583	1,702,347	1,873,766	2,063,265	447,138	464,253	521,067	559,906	602,722	669,269
Banking and credit agencies	388,749	444,316*	522,841*	577,954*	654,551	726,811	80,707	84,442*	101,418*	117,656	127,148	134,584*
Other finance, insurance, and real estate[9]	797,786	825,840*	946,989*	1,057,185*	1,219,215	1,336,454	366,431	375,231*	414,380*	442,250	475,574	523,920*
Services	3,317,387	3,747,073	4,088,434	4,608,924	5,060,527	5,399,173	732,172	807,030	863,790	943,675	1,027,514	1,114,835
Hotels and other lodging places	107,239	108,282*	123,672*	126,625*	131,815*	142,465*	22,101	22,757	26,029	24,281	28,344	27,237
Personal services	143,643	162,219	182,754	197,868	233,943	244,604	34,712	36,378	38,388	39,852	47,444	49,983
Private households	28,406	30,840*	32,771*	36,737*	37,236*	38,503*	12,284	(D)	(D)	(D)	(D)	15,173
Business services	684,756	778,274	906,119	1,072,416	1,225,320	1,307,310	131,128	151,776	156,890	181,826	212,190	237,957
Auto repair, services, and garages	138,316	148,426	164,648	199,867	210,642	216,214	28,825	29,059	32,463	38,523	41,434	44,489
Miscellaneous repair services	59,760	(D)	(D)	(D)	74,992	78,405	10,258	10,699	12,084	14,077	13,455	14,655
Amusement and recreation services	78,804	83,942	95,691	108,446	126,327	128,689	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	13,959	15,848	21,284*	25,685*	28,345*	(D)	3,312*	3,694*	4,740*	5,502*	6,271*
Health services	849,884	1,006,516	1,097,608	1,181,296	1,262,009	1,374,075	269,673	303,410	316,117	319,825	344,973	372,142
Legal services	271,936	339,365	382,338	451,852	493,453	543,190	63,284	74,038	89,345	113,953	115,804	130,240
Educational services	104,469	114,683	122,998	134,129	141,032	148,478	36,406*	39,022*	41,457*	44,924*	45,872*	48,626*
Social services	67,571*	72,832	79,415	86,032	99,483	114,482	18,268	18,381	20,331	23,636	27,477	29,436
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	3,093*	3,405*	(D)	(D)	(D)	(D)	(D)	1,509*
Membership organizations	138,312*	157,879	166,211	180,134	188,030	195,669	39,064	42,634	45,088	48,165	49,623	52,621
Miscellaneous services	628,638	663,307	644,242	727,761	804,903	833,008	46,718	45,391	49,799	54,937	59,527	64,222
Government and government enterprises	2,447,898	2,656,337	2,817,378	2,995,050	3,205,181	3,404,473	494,389	528,488	555,091	583,613	618,963	642,909
Federal, civilian	727,886	765,096	808,369	858,260	899,210	912,070	124,084	130,160	140,150	149,662	158,445	162,385
Military	226,668	250,147	229,540	231,684	255,540	267,204	6,812	8,074	9,861	13,463	14,843	16,220
State and local	1,493,344	1,641,094	1,779,469	1,905,106	2,050,431	2,225,199	363,493	390,254	405,080	420,488	445,675	464,304

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Detroit, MI (PMSA)						Dothan, AL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**52,437,925**	**52,858,367**	**55,932,429**	**61,814,517**	**67,576,688**	**71,847,420**	**1,050,339**	**1,094,372**	**1,150,250**	**1,269,148**	**1,364,700**	**1,449,093**
Nonfarm personal income	52,349,412	52,773,318	55,859,036	61,726,176	67,479,506	71,754,209	1,018,594	1,073,769	1,138,462	1,235,823	1,345,989	1,431,770
Farm income[1]	88,513	85,049	73,393	88,341	97,182	93,211	31,745	20,603	11,788	33,325	18,711	17,323
Population (thousands)[2]	4,432.1	4,370.9	4,327.2	4,321.6	4,329.9	4,334.7	124.5	126.4	126.2	128.2	128.3	129.9
Per capita personal income (dollars)	**11,831**	**12,093**	**12,926**	**14,304**	**15,607**	**16,575**	**8,434**	**8,658**	**9,115**	**9,897**	**10,633**	**11,158**
Derivation of total personal income:												
Total earnings by place of work	39,038,603	38,351,999	40,510,541	45,382,664	50,608,114	54,402,826	809,974	827,111	861,680	962,800	1,034,145	1,105,204
Less: Personal contributions for social insurance[3]	2,366,523	2,462,910	2,524,078	2,861,340	3,372,213	3,668,560	46,449	49,895	51,875	57,436	64,596	66,803
Plus: Adjustment for residence	214,843	212,072	253,569	360,385	435,713	100,213	−2,883	3,292	1,856	4,567	5,775	1,506
Equals: Net earnings by place of residence	36,886,923	36,101,161	38,240,032	42,881,709	47,671,614	50,834,479	760,642	780,508	811,661	909,931	975,324	1,039,907
Plus: Dividends, interest, and rent[5]	7,583,035	7,941,093	8,352,417	9,497,449	10,152,385	10,649,102	122,764	127,207	135,566	150,573	161,556	171,014
Plus: Transfer payments	7,967,967	8,816,113	9,339,980	9,435,359	9,752,689	10,363,839	166,933	186,657	203,023	208,644	227,820	238,172
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	32,765,673	32,229,829	33,882,957	38,001,749	42,507,542	45,596,983	652,744	679,854	708,744	773,399	844,589	903,027
Other labor income	4,198,932	4,164,269	4,330,435	4,706,575	5,122,612	5,501,394	65,576	72,035	75,313	79,768	86,391	91,468
Proprietors' income[6]	2,073,998	1,957,901	2,297,149	2,674,340	2,977,960	3,304,449	91,654	75,222	77,623	109,633	103,165	110,709
Farm	64,780	59,262	48,927	64,278	72,864	68,822	29,619	18,159	9,443	31,026	16,372	14,996
Nonfarm	2,009,218	1,898,639	2,248,222	2,610,062	2,905,096	3,235,627	62,035	57,063	68,180	78,607	86,793	95,713
Earnings by industry:												
Farm	88,513	85,049	73,393	88,341	97,182	93,211	31,745	20,603	11,788	33,325	18,711	17,323
Nonfarm	38,950,090	38,266,950	40,437,148	45,294,323	50,510,932	54,309,615	778,229	806,508	849,892	929,475	1,015,434	1,087,881
Private	34,453,795	33,584,847	35,579,797	40,198,458	45,249,102	48,629,950	624,663	636,808	666,368	732,151	798,526	865,519
Agricultural services, forestry, fisheries, and other[7]	82,401	83,832	94,449	99,173	109,815	134,271	2,557	1,738	4,213	4,219	2,725	3,501
Agricultural services	81,252	83,829	91,805	95,585*	108,219	132,401	1,882	1,983	2,210	2,527	1,940	2,466
Forestry, fisheries, and other[7]	1,149	(L)	2,644	2,291*	1,596	1,870	675	−245	2,003	1,692	785	1,035
Mining	128,600	103,635	91,765	105,811	148,474	150,799	1,246	1,148	910	907	1,420	1,422
Coal mining	352	(D)	(D)	(D)	263	272	0	0	0	0	0	0
Oil and gas extraction	100,388*	80,685*	70,207*	76,840*	117,429*	118,219*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(D)	(D)	(D)	150	505	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,653,887	1,358,475*	1,357,486*	1,591,967*	2,013,990*	2,280,231*	78,069	58,126	50,347	58,321	67,889	70,912
Manufacturing	15,318,010	14,273,643	14,953,060	17,581,505	19,770,846	20,655,494	202,029	212,004	219,389	239,093	249,824	255,092
Nondurable goods	1,902,812	1,880,959	2,017,507	2,235,067	2,465,907	2,585,596	82,378	81,106	83,680	91,808	91,466	96,564
Food and kindred products	415,331*	390,170*	405,797*	410,869*	383,536*	380,719*	18,621*	17,448*	15,429*	16,030*	13,417*	15,308*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	284,454*	284,555*	333,339*	(D)	424,792*	530,202*	18,213	18,683	20,528	21,685	20,985	20,259
Paper and allied products	90,770*	(D)	(D)	104,705*	110,441*	118,218*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	353,946*	372,265*	394,532*	449,623*	508,852*	497,162*	2,241*	2,388*	2,497*	2,503*	2,911*	3,676*
Chemicals and allied products	348,110*	352,366*	338,537*	361,837*	404,799*	429,386*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	58,542	59,888	59,244	59,342*	63,847*	67,578*	(L)	(D)	(D)	(D)	(D)	(D)
Tobacco manufactures	52	(L)	(L)	(L)	(L)	(D)	3,013	2,762	2,965	3,359	3,261	3,615
Rubber and misc. plastic products	258,994	255,478	306,521	386,481*	453,601*	495,665	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	1,332*	(D)	0	0	0	0	0	0
Durable goods	13,415,198	12,392,684	12,935,553	15,346,438	17,304,939	18,069,898	119,651	130,898	135,709	147,285	158,358	158,528
Lumber and wood products	35,664	31,801*	32,288*	35,832*	45,570*	55,070*	6,771	5,340	6,274	8,238	7,731	7,932
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	1,231,158*	930,531*	918,410*	939,923*	899,856*	980,092*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,531,851	1,351,303	1,451,467	1,816,409	2,073,098	2,091,055	5,051*	6,144*	6,311*	7,464*	10,423*	10,972*
Machinery, except electrical	2,652,187	2,328,606	2,090,764	2,442,056	2,696,419	2,717,994	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	39,099*	38,932*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	49,607	57,720	61,088	68,388	81,046	(D)
Motor vehicles and equipment	7,015,468	6,703,156*	7,332,829*	8,853,970*	10,160,229*	10,857,410*	3,800	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	292,669*	275,632*	299,200*	352,704*	362,814*	361,702*	1,646*	1,586*	1,847*	2,227	1,816*	1,633*
Instruments and related products	68,303*	72,904*	74,331*	92,111*	106,382*	110,658*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	69,680*	61,755*	59,982*	76,516*	82,804*	97,035	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,368,382*	2,405,633*	2,506,485*	2,656,900*	2,871,657*	3,024,711*	73,639	84,550	84,794	92,110	100,815	108,743
Railroad transportation	(D)	(D)	(D)	186,882	174,693*	160,564*	6,502	6,533	6,559	4,528	3,689	3,214
Trucking and warehousing	585,379*	544,925*	572,763*	713,899	782,055	835,383	(D)	30,106	26,695	32,725	(D)	(D)
Water transportation	13,816*	13,405*	15,920*	(D)	19,122*	21,182*	0	0	0	0	0	0
Other transportation[8]	(D)	282,389*	308,765*	(D)	391,143*	452,239*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	691,557*	738,824*	750,438*	14,566	16,289	16,820	18,174	20,222	21,970
Electric, gas, and sanitary services	580,135*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	2,339,863	2,294,520	2,348,225	2,808,730	3,062,795	3,344,085	40,159	41,956	43,763	48,192	56,743	59,065
Retail trade	3,525,758	3,486,920	3,718,520	3,977,627	4,248,137	4,586,056	80,307	81,984	88,651	96,448	108,794	122,808
Finance, insurance, and real estate	1,812,324	1,805,427	1,988,121	2,067,998	2,308,950	2,725,064	24,500	24,408	26,610	27,772	30,038	33,916
Banking and credit agencies	708,788*	753,842*	799,062*	851,569*	937,224*	1,044,170*	13,511	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	1,081,993*	1,031,240*	1,165,411*	1,184,846*	1,335,958*	1,635,448*	10,989	9,229*	10,688*	11,491*	(D)	(D)
Services	7,060,142*	7,542,034	8,269,725	9,138,170	10,559,053	11,562,046	122,157	130,894	147,691	165,089	180,278	210,060
Hotels and other lodging places	(D)	106,304*	113,353*	113,150	116,873*	149,046*	2,863	(D)	(D)	4,443	4,971	5,599
Personal services	316,649	313,221	328,969	344,867	409,425	439,413	7,377	7,375	7,626	7,558	8,930	10,050
Private households	(D)	76,941	79,177	87,720	87,977	89,679*	4,231	4,526	4,711	5,245	5,283	5,448
Business services	1,074,389	1,196,236	1,428,691	1,736,276	2,473,278	2,819,239	(D)	12,648	14,187	17,910	19,556	28,033
Auto repair, services, and garages	265,019	269,875	294,718	333,473	383,993	408,666	6,844	6,367	7,203	7,964	9,180	9,668
Miscellaneous repair services	149,583	144,079	160,399	196,964	217,233	224,999	2,086	2,192	2,846	3,341	3,095	3,330
Amusement and recreation services	176,776	173,171	188,719	200,062	219,922	245,138	1,285*	2,198	2,434	2,365	2,209	2,294
Motion pictures	28,415*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	593*	869*	931*
Health services	2,816,548	3,044,813	3,259,290	3,315,531	3,377,757	3,616,928	43,375	51,236	57,597	62,874	65,842	78,485
Legal services	478,288	559,084	611,409	696,978	773,671	862,551	4,369	4,877	5,699	6,863	8,036	10,105
Educational services	141,717*	148,446*	156,571*	174,741*	182,304	194,120	(D)	(D)	(D)	(D)	(D)	(D)
Social services	162,909	177,536	193,115	216,287	251,287	275,133	1,737	1,593*	2,101*	2,304*	2,422*	2,588*
Museums, botanical, zoological gardens	(D)	12,605*	12,394*	11,471*	10,815*	11,844*	0	0	0	0	0	0
Membership organizations	341,784	360,449	376,956	384,677	405,408	423,048	5,216	5,617	5,541	5,770	5,880	5,906
Miscellaneous services	998,077	918,978	1,021,865	1,250,806	1,549,954	1,688,336	19,095	15,919	17,654	20,413	25,091	28,194
Government and government enterprises	4,496,295	4,682,103	4,857,351	5,095,865	5,261,830	5,679,665	153,566	169,700	183,524	197,324	216,908	222,362
Federal, civilian	741,579	770,275	820,243	854,425	908,980	887,569	69,443	76,462	81,020	87,744	95,030	95,456
Military	69,273	79,751	86,491	96,879	105,371	114,795	3,791	5,197	4,955	5,306	6,063	6,479
State and local	3,685,443	3,832,077	3,950,617	4,144,561	4,247,479	4,677,301	80,332	88,041	97,549	104,274	115,815	120,427

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Dubuque, IA (MSA)						Duluth, MN—WI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**938,422**	**928,946**	**938,349**	**1,024,239**	**1,051,568**	**1,082,993**	**2,643,144**	**2,598,198**	**2,598,926**	**2,744,118**	**2,792,864**	**2,891,735**
Nonfarm personal income	916,104	919,482	953,768	1,006,153	1,044,827	1,057,928	2,635,477	2,591,384	2,594,365	2,737,889	2,786,867	2,883,149
Farm income[1]	22,318	9,464	−15,419	18,086	6,741	25,065	7,667	6,814	4,561	6,229	5,997	8,586
Population (thousands)[2]	93.8	93.1	92.2	92.1	91.9	91.1	265.5	262.7	257.4	252.3	247.5	243.5
Per capita personal income (dollars)	**10,000**	**9,982**	**10,177**	**11,119**	**11,448**	**11,894**	**9,955**	**9,890**	**10,097**	**10,876**	**11,287**	**11,875**
Derivation of total personal income:												
Total earnings by place of work	852,094	767,686	757,418	855,998	875,164	884,681	1,934,386	1,745,553	1,668,945	1,789,335	1,816,263	1,882,809
Less: Personal contributions for social insurance[3]	49,807	48,994	49,081	53,882	58,766	58,915	123,531	115,270	111,293	117,766	124,429	129,618
Plus: Adjustment for residence	−161,761	−133,214	−132,751	−147,448	−152,228	−142,505	−38,249	−30,029	−22,269	−29,269	−33,233	−51,975
Equals: Net earnings by place of residence	640,526	585,478	575,586	654,668	664,170	683,261	1,772,606	1,600,254	1,535,383	1,642,300	1,658,601	1,701,216
Plus: Dividends, interest, and rent[5]	173,097	193,992	204,658	215,295	225,059	230,945	379,893	406,572	428,947	459,256	472,071	497,508
Plus: Transfer payments	124,799	149,476	158,105	154,276	162,339	168,787	490,645	591,372	634,596	642,562	662,192	693,011
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	688,122	628,883	636,432	689,236	713,452	701,189	1,640,725	1,481,626	1,399,898	1,499,141	1,515,205	1,560,554
Other labor income	75,535	68,985	69,375	71,402	71,866	69,399	174,375	154,780	144,354	148,948	148,667	150,992
Proprietors' income[6]	88,437	69,818	51,611	95,360	89,846	114,093	119,286	109,147	124,693	141,246	152,391	171,263
Farm	18,430	5,173	−19,542	14,080	2,696	21,032	5,816	4,791	2,610	4,312	4,041	6,633
Nonfarm	70,007	64,645	71,153	81,280	87,150	93,061	113,470	104,356	122,083	136,934	148,350	164,630
Earnings by industry:												
Farm	22,318	9,464	−15,419	18,086	6,741	25,065	7,667	6,814	4,561	6,229	5,997	8,586
Nonfarm	829,776	758,222	772,837	837,912	868,423	859,616	1,926,719	1,738,739	1,664,384	1,783,106	1,810,266	1,874,223
Private	770,376	695,678	708,483	772,907	799,638	788,814	1,556,106	1,357,225	1,289,174	1,369,082	1,375,576	1,415,418
Agricultural services, forestry, fisheries, and other[7]	2,543	2,374	4,183	4,206	3,179	3,743	4,485	2,554	7,877	8,322	5,241	6,247
Agricultural services	2,151	(D)	(D)	2,604	2,530	2,898	2,802*	2,849*	2,922*	2,931*	2,514*	2,635*
Forestry, fisheries, and other[7]	392	(D)	(D)	1,602	649	845	1,342*	−513*	4,421*	4,930*	2,384*	3,250*
Mining	2,560	2,163	1,813	1,521	1,983	1,617	359,082	231,370	173,931	198,003	179,633	145,844
Coal mining	0	0	0	0	0	0	53	(D)	(D)	(D)	0	0
Oil and gas extraction	(D)	(D)	(D)	1,224	1,787	(D)	4,785	3,914	3,474	3,790	5,531	(D)
Metal mining	0	0	0	0	0	0	352,233	225,412	168,539	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	297	196	(D)	2,011	(D)	(D)	2,348	(D)	(D)
Construction	37,633	33,796	34,125	37,736	38,138	41,567	99,156	85,267	78,321	87,901	93,092	130,888
Manufacturing	391,645	314,296	304,363	344,053	352,714	318,287	185,679	162,070	145,302	151,124	158,500	167,559
Nondurable goods	97,970	75,660	70,908	79,220	79,493	79,576	76,391	68,873	56,696	52,966	57,941	63,352
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	38,813	27,879*	17,528*	13,656	(D)	(D)
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	3,852	3,914	3,940	4,606	(D)	(D)	(D)	2,902	1,850	1,731*	807	1,053
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Printing and publishing	14,919	16,074	17,606	19,069	21,212	22,618	21,709	22,195	22,444	24,585	29,178	32,864
Chemicals and allied products	1,920	(D)	(D)	(D)	(D)	(D)	4,057*	3,958	3,799	3,424	3,788	4,199
Petroleum and coal products	0	410	324	484	0	0	6,197	6,539	7,058	7,097	6,991	6,810
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	671	1,188	1,590	1,640	1,631	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	293,675	238,636	233,455	264,833	273,221	238,711	109,288	93,197	88,606	98,158	100,559	104,207
Lumber and wood products	4,083	3,493	4,149	5,559	6,325	7,027	(D)	16,127	22,299	25,130	26,870	27,924
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	253	262*	287*	263*	269*	261*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	9,887*	7,955*	7,124*	9,654*	9,972*	9,370*
Fabricated metal products	16,123	16,283	16,799	20,718	21,330	21,995	25,550*	26,556	23,336	(D)	24,294	23,309
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	29,308	26,965	22,552	22,210	22,169	24,034
Electric and electronic equipment	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	2,640	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,184	1,087	1,131	1,200	1,222	1,504	5,926	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	905	788	719	747	993*	1,162
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	15,860	(D)	259	(D)	261*	474	1,068	(D)
Transportation and public utilities	43,459	46,114	48,463	51,421	50,419	48,877	236,765	211,251	195,575	213,057	207,090	197,091
Railroad transportation	2,843	2,738	2,673	2,914	2,734	2,644	97,460	81,959	67,575	73,774	68,794	63,154
Trucking and warehousing	20,311	21,086	21,667	24,530	23,975	23,799	26,795	25,703	26,786	31,438	28,773	31,200
Water transportation	313	409	489	662	805	827	30,928*	19,969*	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11,953	(D)	(D)
Communication	6,261	6,070	5,994	5,073	5,618	5,133	28,127	28,924	28,074	27,308	25,392*	23,331*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	40,665	41,001	41,760	(D)	(D)	(D)
Wholesale trade	40,611	36,658	38,345	41,605	42,299	42,670	114,588	101,405	98,631	104,967	100,095	100,220
Retail trade	74,065	73,268	76,350	77,549	79,032	81,744	190,207	186,355	190,668	196,656	202,653	211,842
Finance, insurance, and real estate	22,737	21,333	24,727	26,828	26,825	31,094	52,204	48,959	54,190	54,364	57,694	65,831
Banking and credit agencies	11,119	11,605	12,474	13,651	14,210	15,471	27,294	28,734	29,435	29,959	31,904	32,339
Other finance, insurance, and real estate[9]	11,618	9,728	12,253	13,177	12,615	15,623	24,910	20,225	24,755	24,405	25,790	33,492
Services	155,123	165,676	176,114	187,988	205,049	219,215	313,940	327,994	344,679	354,688	371,578	389,896
Hotels and other lodging places	3,446	(D)	(D)	(D)	(D)	(D)	12,441	11,641	13,791	13,774	13,694	14,192
Personal services	6,900	7,185	7,536	8,058	9,320	9,646	17,074	17,739	18,182	18,361	21,618	22,552
Private households	2,166	2,301	2,383	2,638	2,612	2,643	3,569	3,821	3,972	4,405	4,428	4,549
Business services	14,159	16,304	17,262	19,580	24,405	27,800	19,710	23,050	25,344	25,710	29,014	32,274
Auto repair, services, and garages	6,814	6,740	7,588	9,148	9,891	10,349	11,324	10,948	11,315	13,309	14,015	14,965
Miscellaneous repair services	1,620	1,734	2,262	2,229	1,828	1,958	7,954	6,857	7,204	8,215	7,443	7,492
Amusement and recreation services	2,212	2,127	2,277	2,513	4,792	6,089	4,366	4,415	4,807	5,275	5,572	6,141
Motion pictures	445	447	712	459	476	499	(D)	(D)	(D)	(D)	(D)	(D)
Health services	78,359	85,454	88,540	90,645	95,154	100,850	142,606	159,394	168,214	168,226	174,164	182,425
Legal services	6,003	6,810	8,078	10,690	12,322	13,059	15,837	17,854	20,928	21,736	22,711	23,646
Educational services	15,210	16,292	17,701	18,699	19,764	21,862	5,864*	6,502	7,239	8,188	8,636	9,205
Social services	6,033	6,029	6,236	6,622	7,213	7,245	23,852	23,143	22,720	25,010	24,628	25,511
Museums, botanical, zoological gardens	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	5,338	5,572	5,666	6,245	6,553	6,464	18,317	19,302	19,607	19,783	20,084	20,705
Miscellaneous services	6,416	5,727	6,070	6,558	7,159	7,428	29,759	22,698	20,735	21,841	24,439	25,103
Government and government enterprises	59,400	62,544	64,354	65,005	68,785	70,802	370,613	381,514	375,210	414,024	434,690	458,805
Federal, civilian	8,512	8,259	8,615	8,944	9,408	9,442	46,600	46,900	44,816	48,178	49,910	51,059
Military	1,814	2,035	2,289	2,357	2,412	2,696	20,279	10,700	8,150	8,177	8,138	8,978
State and local	49,074	52,250	53,450	53,704	56,965	58,664	303,734	323,914	322,244	357,669	376,642	398,768

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Eau Claire, WI (MSA)						El Paso, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,215,021**	**1,286,672**	**1,366,183**	**1,470,092**	**1,541,971**	**1,667,234**	**3,763,416**	**4,008,981**	**4,274,939**	**4,616,376**	**4,906,071**	**5,152,757**
Nonfarm personal income	1,177,531	1,245,978	1,340,166	1,425,116	1,501,853	1,608,148	3,755,783	4,005,748	4,266,951	4,601,689	4,887,955	5,137,996
Farm income[1]	37,490	40,694	26,017	44,976	40,118	59,086	7,633	3,233	7,988	14,687	18,116	14,761
Population (thousands)[2]	132.8	134.7	135.3	136.4	136.3	136.8	501.2	516.5	528.4	538.0	549.3	561.5
Per capita personal income (dollars)	**9,146**	**9,556**	**10,097**	**10,779**	**11,309**	**12,190**	**7,509**	**7,761**	**8,091**	**8,580**	**8,931**	**9,177**
Derivation of total personal income:												
Total earnings by place of work	856,016	886,138	929,081	1,014,862	1,060,404	1,180,449	2,960,565	3,114,938	3,288,013	3,526,345	3,769,841	3,922,540
Less: Personal contributions for social insurance[3]	49,200	52,864	53,594	57,715	63,302	70,387	153,882	164,955	176,280	189,868	210,509	221,187
Plus: Adjustment for residence	−6,188	−7,215	−4,537	−7,596	−6,291	−17,887	−138,455	−168,272	−144,133	−101,829	−173,872	−164,569
Equals: Net earnings by place of residence	800,628	826,059	870,950	949,551	990,811	1,092,175	2,668,228	2,781,711	2,967,600	3,234,648	3,385,460	3,536,784
Plus: Dividends, interest, and rent[5]	195,500	215,940	231,379	250,060	260,713	273,543	467,622	529,002	534,980	579,066	637,336	662,386
Plus: Transfer payments	218,893	244,673	263,854	270,481	290,447	301,516	627,566	698,268	772,359	802,662	883,275	953,587
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	679,875	703,206	743,449	793,900	834,303	915,858	2,508,859	2,649,130	2,765,942	2,953,827	3,163,886	3,284,445
Other labor income	64,337	70,286	75,582	78,108	80,783	88,767	215,242	236,971	249,520	257,080	263,904	276,151
Proprietors' income[6]	111,804	112,646	110,050	142,854	145,318	175,824	236,464	228,837	272,551	315,438	342,051	361,944
Farm	29,169	30,944	16,590	35,710	30,719	49,687	3,051	−1,851	3,094	9,882	13,243	9,849
Nonfarm	82,635	81,702	93,460	107,144	114,599	126,137	233,413	230,688	269,457	305,556	328,808	352,095
Earnings by industry:												
Farm	37,490	40,694	26,017	44,976	40,118	59,086	7,633	3,233	7,988	14,687	18,116	14,761
Nonfarm	818,526	845,444	903,064	969,886	1,020,286	1,121,363	2,952,932	3,111,705	3,280,025	3,511,658	3,751,725	3,907,779
Private	670,846	686,240	734,979	791,949	829,872	916,831	2,177,257	2,260,345	2,347,571	2,547,919	2,702,756	2,818,278
Agricultural services, forestry, fisheries, and other[7]	4,344	4,447	5,957	(D)	(D)	5,488	6,259	6,556	7,834	8,001	7,751	8,559
Agricultural services	4,159	4,516	5,373	(D)	(D)	5,170	6,204	6,563	7,677	7,898	7,666	8,459
Forestry, fisheries, and other[7]	185	−69	584	501	243	318	55	(L)	157	103	85	100
Mining	2,533	2,248	1,720	1,917	2,738	2,577	23,136	27,157	28,836	28,486	34,358	31,424
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	1,640	(D)	2,452	21,873	25,981	27,737	27,428	34,155	31,415
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	51,123	48,608	50,106	53,248	58,637	66,470	159,565	166,072	183,715	200,920	212,423	238,007
Manufacturing	197,146	198,988	208,554	230,873	241,201	265,327	571,253	546,103	563,949	626,169	620,354	626,632
Nondurable goods	131,992	133,433	142,805	152,494	145,433	150,074	351,616	328,994	319,879	344,699	339,846	329,202
Food and kindred products	23,863	27,396	30,045	27,380	(D)	(D)	62,538	51,485	45,461	46,362	48,964	51,159
Textile mill products	0	0	0	0	0	0	(D)	476	501	656	624	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	187,032	167,710	165,933	184,863	180,736	170,815
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	14,893	16,150	17,799	20,172	21,544	21,607
Printing and publishing	7,911	8,657	9,251	9,567	10,244	10,598	19,378	22,872	22,952	24,502	25,992	25,691
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,090	3,498	3,079	3,028	3,067	(D)
Petroleum and coal products	491	552	851	850	969	1,069	21,112	22,964	25,150	25,113	27,233	23,331
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)	4,410	8,120	9,661	5,600	8,793
Leather and leather products	16,633	16,970	16,752	15,952	(D)	(D)	40,115	39,429	30,884	30,342	26,086	23,408
Durable goods	65,154	65,555	65,749	78,379	95,768	115,253	219,637	217,109	244,070	281,470	280,508	297,430
Lumber and wood products	4,004	3,517	3,427	4,046*	3,627*	3,923*	9,025	8,307	9,925	9,879	10,462	11,275
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,199	1,309	1,946	3,099	4,040
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	73,023	71,130	75,350	83,787	72,462	59,524
Fabricated metal products	17,377	16,217	14,504	15,916	17,267	18,791	22,430	17,827	19,850	16,599	14,964	15,886
Machinery, except electrical	27,977	28,948	30,433	38,358	(D)	(D)	14,400	14,550	12,519	15,851	15,574	16,384
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	56,379	69,618	62,604	90,558	103,538	108,148
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,319
Motor vehicles and equipment	384	(D)	(D)	(D)	(D)	0	4,364	(D)	(D)	(D)	(D)	26,142
Stone, clay, and glass products	5,355	5,316	5,536	5,541	6,094	5,778	14,320	14,944	15,327	18,700	20,365	19,101
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	13,705	5,247	5,559	7,135	12,601	15,453
Miscellaneous manufacturing industries	846	792	814	(D)	(D)	(D)	3,040	3,003	25,007	26,744	17,709	20,158
Transportation and public utilities	70,336	75,047	80,406	86,466	81,320	96,471	287,523	297,403	283,687	297,802	304,479	311,109
Railroad transportation	5,863	6,644	7,352	7,908	(D)	(D)	47,425	45,806	46,097	55,094	55,521	49,809
Trucking and warehousing	19,174	19,811	21,024	24,190	23,990	33,296	57,536	55,789	50,890	55,526	60,524	69,718
Water transportation	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	4,287	(D)	(D)	(D)	(D)	(D)	43,089	39,913	29,296	30,929	31,727	33,717
Communication	18,095*	20,597	22,237	20,248	16,766	19,478	47,841	50,459	50,146	47,626	48,764	51,155
Electric, gas, and sanitary services	21,871*	(D)	(D)	(D)	(D)	(D)	91,634	105,442	107,264	108,634	107,946	106,710
Wholesale trade	47,899	48,268	49,015	52,210	52,359	51,300	194,174	211,406	204,910	225,135	242,917	244,866
Retail trade	109,808	111,672	124,075	131,112	142,213	156,108	349,286	365,920	369,487	385,273	425,676	436,812
Finance, insurance, and real estate	28,587	28,364	32,936	(D)	(D)	39,252	126,855	128,295	143,751	166,269	185,959	199,191
Banking and credit agencies	11,544	13,067	13,832	(D)	(D)	13,605	53,073	60,274	66,121	75,963	83,875	88,553
Other finance, insurance, and real estate[9]	17,043	15,297	19,104	(D)	(D)	25,647	73,782	68,021	77,630	90,306	102,084	110,638
Services	159,070	168,598	182,210	196,288	211,054	233,838	459,206	511,433	561,402	609,864	668,839	721,678
Hotels and other lodging places	2,965*	3,842	3,962	3,653	3,221	2,979	12,819	13,295	17,896	(D)	15,437	18,803
Personal services	8,605	8,968	9,121	10,147	12,186	13,086	29,455	31,391	34,091	38,559	46,299	46,106
Private households	1,151	1,222	1,267	1,401	1,405	1,438	8,941	9,908	10,563	11,873	12,092	12,594
Business services	13,598	14,338	17,272	20,449	24,659	28,465	69,337	83,822	95,563	109,402	128,445	144,698
Auto repair, services, and garages	7,948	8,058	9,849	11,923	12,760	13,476	25,065	25,986	27,917	32,264	34,409	37,273
Miscellaneous repair services	3,537	3,839	4,762	5,790	4,800	4,712	21,075	22,423	26,090	27,982	27,405	27,747
Amusement and recreation services	2,776	2,681	2,723	2,822	3,008	3,214	7,424	7,507	7,830	8,646	10,174	10,773
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,927	2,198	2,527	2,094	2,438	(D)
Health services	80,736	89,544	93,706	95,558	100,792	115,111	173,908	200,323	212,833	219,996	231,140	247,860
Legal services	6,314	6,927	8,525	9,197	9,943	10,801	28,067	32,073	38,826	46,141	50,872	56,586
Educational services	(D)	(D)	(D)	4,394	5,060	5,839	7,757	8,928	10,582	11,918	13,515	15,401
Social services	6,155	5,308	5,545	6,119	6,544	7,286	12,956	12,721	13,709	15,482	17,422	16,498
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	0	(D)
Membership organizations	7,244	7,868	8,225	9,083	9,316	9,484	23,988	28,767	28,089	29,989	31,720	32,652
Miscellaneous services	14,427	12,363	13,267	15,339	16,885	17,460	35,487	32,091	34,886	39,845	47,471	52,069
Government and government enterprises	147,680	159,204	168,085	177,937	190,414	204,532	775,675	851,360	932,454	963,739	1,048,969	1,089,501
Federal, civilian	11,105	11,610	12,407	13,466	14,565	14,893	154,565	185,769	221,360	223,366	240,003	233,143
Military	2,444	2,827	3,540	4,252	4,670	5,060	296,494	305,828	307,631	308,199	317,464	326,038
State and local	134,131	144,767	152,138	160,219	171,179	184,579	324,616	359,763	403,463	432,174	491,502	530,320

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Elkhart—Goshen, IN (MSA)						Elmira, NY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,311,399**	**1,379,847**	**1,565,754**	**1,770,485**	**1,859,381**	**2,012,109**	**921,260**	**966,345**	**1,001,368**	**1,066,360**	**1,096,465**	**1,153,040**
Nonfarm personal income	1,302,377	1,375,771	1,567,068	1,757,779	1,849,642	1,987,617	917,212	962,097	998,191	1,061,885	1,091,393	1,147,364
Farm income[1]	9,022	4,076	−1,314	12,706	9,739	24,492	4,048	4,248	3,177	4,475	5,072	5,676
Population (thousands)[2]	136.6	137.1	138.8	143.1	145.3	146.4	96.3	95.5	94.1	92.5	91.3	90.5
Per capita personal income (dollars)	**9,603**	**10,068**	**11,284**	**12,373**	**12,797**	**13,740**	**9,571**	**10,114**	**10,645**	**11,526**	**12,003**	**12,735**
Derivation of total personal income:												
Total earnings by place of work	1,277,501	1,334,038	1,599,612	1,842,633	1,926,458	2,101,018	627,973	620,877	636,509	680,528	692,326	736,065
Less: Personal contributions for social insurance[3]	71,829	78,951	91,105	105,166	115,929	126,982	39,424	38,845	40,630	43,926	46,169	49,266
Plus: Adjustment for residence	−284,948	−304,727	−383,022	−448,440	−464,194	−500,126	11,291	21,973	18,305	16,825	26,596	19,541
Equals: Net earnings by place of residence	920,724	950,360	1,125,485	1,289,027	1,346,335	1,473,910	599,840	604,005	614,184	653,427	672,753	706,340
Plus: Dividends, interest, and rent[5]	226,324	247,477	255,958	289,710	306,456	320,562	137,368	153,643	158,489	169,389	172,257	184,129
Plus: Transfer payments	164,351	182,010	184,311	191,748	206,590	217,637	184,052	208,697	228,695	243,544	251,455	262,571
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,054,073	1,113,250	1,331,171	1,526,619	1,598,641	1,727,778	525,422	519,428	528,801	564,522	572,017	605,467
Other labor income	120,688	133,076	165,163	182,919	187,200	204,335	55,881	55,936	55,884	56,515	54,507	56,386
Proprietors' income[6]	102,740	87,712	103,278	133,095	140,617	168,905	46,670	45,513	51,824	59,491	65,802	74,212
Farm	5,926	458	−4,806	9,264	6,250	20,974	2,727	2,880	1,871	3,199	3,777	4,374
Nonfarm	96,814	87,254	108,084	123,831	134,367	147,931	43,943	42,633	49,953	56,292	62,025	69,838
Earnings by industry:												
Farm	9,022	4,076	−1,314	12,706	9,739	24,492	4,048	4,248	3,177	4,475	5,072	5,676
Nonfarm	1,268,479	1,329,962	1,600,926	1,829,927	1,916,719	2,076,526	623,925	616,629	633,332	676,053	687,254	730,389
Private	1,192,855	1,250,322	1,516,862	1,740,102	1,818,632	1,969,734	530,202	515,555	526,727	561,956	564,449	598,104
Agricultural services, forestry, fisheries, and other[7]	3,893	3,953	4,590	4,379	5,445	5,769	1,356	1,326	1,576	1,524	1,358	1,513
Agricultural services	3,838	3,919	4,475	4,345	5,279	5,584	1,294	(D)	(D)	1,396	1,226	1,357
Forestry, fisheries, and other[7]	55	(L)	115	(L)	166	185	62	(D)	(D)	128	132	156
Mining	3,063	2,777	2,155	2,160	2,880	2,861	2,131	2,059	1,492	1,584	2,333	2,404
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	51	53
Oil and gas extraction	2,725	(D)	(D)	(D)	(D)	(D)	2,109	2,034	1,464	1,535	2,282	2,351
Metal mining	0	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	310	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Construction	49,813	46,596	51,939	67,470	71,236	80,778	25,969	24,063	27,106	28,255	32,387	45,147
Manufacturing	707,739	748,168	945,430	1,086,983	1,127,919	1,214,527	229,293	203,211	189,599	195,928	174,645	167,742
Nondurable goods	210,756	221,838	250,363	285,574	299,802	307,994	55,419	36,374	30,513	30,291	30,096	27,212
Food and kindred products	22,327	25,790	27,988	30,899	32,934	30,626	34,010	15,078	9,284	7,386	8,002	7,374
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	7,411	8,459	13,333	14,607	(D)	12,379	0	0	0	0	0	0
Paper and allied products	(D)	7,317	8,025	9,223	(D)	9,445	7,735	8,008	8,489	8,940	8,582	8,129
Printing and publishing	12,839	14,059	15,708	17,578	19,933	21,981	8,768	8,133	8,573	8,825	8,908	6,897
Chemicals and allied products	(D)	104,470	109,147	120,409	122,259	133,856	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	435	462	589	662	646	806	3,364	3,717	2,784	3,459	2,725	2,943
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	59,728	58,207	72,550	88,887	94,791	95,893	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	2,804	3,074	3,023	3,309	3,280	3,008	0	0	0	0	0	0
Durable goods	496,983	526,330	695,067	801,409	828,117	906,533	173,874	166,837	159,086	165,637	144,549	140,530
Lumber and wood products	98,090	94,323	127,230	128,573	138,407	163,264	348	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	24,452	28,959	45,196	51,237	51,170	59,282	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	13,074	12,291	12,933	15,679	19,737	23,311	(D)	2,476	1,922	2,383	2,672	2,223
Fabricated metal products	83,218	84,667	98,539	112,467	117,850	123,371	25,746	25,337	23,231	22,021	22,275	23,155
Machinery, except electrical	42,456	41,801	42,061	47,289	51,377	53,730	35,596	32,531	31,239	39,205	37,659	38,040
Electric and electronic equipment	37,675	36,334	38,790	44,107	44,498	47,442	36,865	36,500	34,183	35,518	34,373	35,514
Transportation equip. exc. motor vehicles	94,160	113,039	161,716	184,957	176,945	139,055	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	37,102	52,092	101,853	140,361	157,645	220,979	17,756	16,495	15,028	15,563	(D)	(D)
Stone, clay, and glass products	9,232	8,165	9,480	13,086	14,147	18,287	42,175	41,582	42,228	35,966	19,445	18,546
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	70,490	71,727	75,301	86,903	90,702	91,611	33,190	36,050	38,566	41,092	40,513	40,972
Railroad transportation	28,384	25,659	24,440	(D)	(D)	(D)	3,551	3,439	3,555	3,669	3,340	3,197
Trucking and warehousing	15,913	17,498	20,997	26,339	28,296	29,582	7,640	7,148	7,673	11,160	9,115	8,643
Water transportation	0	0	0	0	0	0	(D)	0	0	0	0	0
Other transportation[8]	3,968	4,698	5,113	5,906	5,849	6,667	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	15,655	15,724	16,275	12,821	15,664	16,953	15,426	15,886	16,456
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	76,983	79,519	98,964	116,866	116,703	132,935	40,248	41,701	42,401	46,239	48,710	50,818
Retail trade	100,823	105,067	121,778	132,567	138,676	151,038	65,138	65,478	69,627	75,755	82,320	90,669
Finance, insurance, and real estate	34,624	33,864	39,538	42,060	45,592	53,027	19,054	16,625	22,165	21,970	23,124	27,882
Banking and credit agencies	21,545	23,496	25,195	27,088	29,193	31,275	8,870	9,324	9,723	10,120	10,610	(D)
Other finance, insurance, and real estate[9]	13,079	10,368	14,343	14,972	16,399	21,752	10,184	7,301	12,442	11,850	12,514	(D)
Services	145,427	158,651	177,167	200,714	219,479	237,188	113,823	125,042	134,195	149,609	159,059	170,957
Hotels and other lodging places	3,434	3,260	3,873	4,583	4,635	4,877	1,677	1,589	1,817	(D)	(D)	(D)
Personal services	9,096	9,886	11,374	12,211	15,106	16,446	4,220	4,965	5,760	6,133	7,607	8,181
Private households	2,330	2,484	2,569	2,847	2,851	2,921	2,008	2,146	2,232	2,479	2,482	2,542
Business services	19,505	22,804	25,522	31,201	37,280	40,858	6,424	8,134	8,434	9,334	11,980	14,495
Auto repair, services, and garages	12,081	14,024	18,291	21,769	22,774	25,632	3,410	3,259	3,574	3,937	4,072	4,998
Miscellaneous repair services	3,417	3,618	4,892	6,405	5,706	6,409	1,690	2,172	2,471	2,981	2,613	3,065
Amusement and recreation services	2,603	2,606	2,874	3,468	4,004	3,876	1,507	1,514	1,601	1,702	1,927	2,120
Motion pictures	232	251	272	(D)	(D)	(D)	(D)	(D)	(D)	343	276	186
Health services	56,412	63,754	68,742	73,630	77,919	83,601	62,286	69,683	75,179	83,437	85,613	88,577
Legal services	6,202	6,772	7,234	9,103	10,040	11,157	6,456	7,425	8,149	9,367	9,987	10,964
Educational services	(D)	(D)	(D)	7,282	7,604	7,681	5,959	6,490	6,699	(D)	(D)	(D)
Social services	4,117	4,099	4,695	5,295	5,747	6,233	5,984	6,193	6,639	7,765	8,709	10,104
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	204	229	291
Membership organizations	8,313	9,141	9,627	9,726	10,213	10,280	5,555	6,256	6,151	6,392	6,679	6,896
Miscellaneous services	12,134	9,580	10,508	12,817	15,166	16,784	6,217	4,737	4,985	6,696	7,787	9,001
Government and government enterprises	75,624	79,640	84,064	89,825	98,087	106,792	93,723	101,074	106,605	114,097	122,805	132,285
Federal, civilian	7,224	7,387	7,636	8,329	9,021	9,105	10,999	11,054	10,797	11,941	12,776	12,855
Military	2,247	2,691	3,367	3,217	3,742	4,382	1,083	1,132	1,133	1,057	1,192	1,239
State and local	66,153	69,562	73,061	78,279	85,324	93,305	81,641	88,888	94,675	101,099	108,837	118,191

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Enid, OK (MSA)						Erie, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**793,867**	**864,630**	**837,632**	**872,346**	**865,368**	**857,507**	**2,787,068**	**2,892,586**	**2,983,720**	**3,174,154**	**3,358,850**	**3,497,257**
Nonfarm personal income	782,101	835,937	824,428	848,011	853,220	834,774	2,766,788	2,880,358	2,976,491	3,166,551	3,348,396	3,481,280
Farm income[1]	11,766	28,693	13,204	24,335	12,148	22,733	20,280	12,228	7,229	7,603	10,454	15,977
Population (thousands)[2]	64.5	67.8	67.1	66.0	64.4	62.9	280.7	281.7	282.4	282.1	278.8	279.2
Per capita personal income (dollars)	**12,308**	**12,751**	**12,477**	**13,222**	**13,437**	**13,642**	**9,929**	**10,268**	**10,567**	**11,253**	**12,046**	**12,524**
Derivation of total personal income:												
Total earnings by place of work	609,522	650,219	608,106	631,322	610,889	586,394	2,122,629	2,140,919	2,160,765	2,354,671	2,489,254	2,571,789
Less: Personal contributions for social insurance[3]	32,081	34,023	35,148	36,045	37,661	35,600	125,085	132,762	133,999	150,360	164,821	171,341
Plus: Adjustment for residence	−10,857	−8,773	−8,545	−8,163	−7,038	−5,402	−40,438	−40,633	−38,731	−44,018	−43,514	−41,086
Equals: Net earnings by place of residence	566,584	607,423	564,413	587,114	566,190	545,392	1,957,106	1,967,524	1,988,035	2,160,293	2,280,919	2,359,362
Plus: Dividends, interest, and rent[5]	132,598	146,896	152,553	160,920	164,671	167,876	377,293	405,721	427,416	463,371	494,539	519,262
Plus: Transfer payments	94,685	110,311	120,666	124,312	134,507	144,239	452,669	519,341	568,269	550,490	583,392	618,633
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	479,988	500,307	468,387	476,831	466,610	429,438	1,715,749	1,746,143	1,754,417	1,914,662	2,019,088	2,071,219
Other labor income	50,503	53,647	51,268	48,501	44,300	41,015	213,923	218,202	215,740	227,196	235,050	237,771
Proprietors' income[6]	79,031	96,265	88,451	105,990	99,979	115,941	192,957	176,574	190,608	212,813	235,116	262,799
Farm	10,322	27,163	11,734	22,891	10,688	21,259	14,754	6,838	2,111	2,626	5,375	10,858
Nonfarm	68,709	69,102	76,717	83,099	89,291	94,682	178,203	169,736	188,497	210,187	229,741	251,941
Earnings by industry:												
Farm	11,766	28,693	13,204	24,335	12,148	22,733	20,280	12,228	7,229	7,603	10,454	15,977
Nonfarm	597,756	621,526	594,902	606,987	598,741	563,661	2,102,349	2,128,691	2,153,536	2,347,068	2,478,800	2,555,812
Private	507,203	519,136	487,373	496,404	492,705	460,235	1,903,839	1,913,840	1,930,093	2,113,986	2,229,066	2,284,094
Agricultural services, forestry, fisheries, and other[7]	2,142	3,121	3,690	3,469	2,897	2,921	5,511	4,851	5,991	6,060	6,106	6,789
Agricultural services	2,133	3,123	3,669	3,452	2,890	2,912	5,196	4,756	5,324	5,517	5,734	6,325
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	315	95	667	543	372	464
Mining	94,108	90,389	62,456	60,964	56,023	40,115	7,365	9,780	9,096	11,961	13,531	12,354
Coal mining	(D)	(L)	(L)	53	55	55	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	94,040	(D)	(D)	(D)	(D)	(D)	6,385	6,191	5,918	9,114	10,825	10,775
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	974	3,583	3,171	2,839	2,697	1,570
Construction	53,698	48,067	42,053	42,078	37,655	35,657	96,539	96,023	93,991	110,322	116,437	122,507
Manufacturing	75,002	68,052	60,929	55,605	46,919	40,330	968,975	938,871	899,779	995,086	1,026,647	1,015,318
Nondurable goods	38,277	36,930	38,416	31,520	24,418	23,092	212,121	213,112	227,098	246,109	274,354	296,928
Food and kindred products	9,530	10,460	10,400	9,892	11,426	11,164	(D)	36,933	37,846	40,365	46,581	49,151
Textile mill products	(D)	169	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(L)	(L)	(D)	570	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,144	3,472	3,702	3,711	(D)	(D)	15,555	16,979	18,109	19,227	21,224	23,353
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	7,947	8,378	9,019	9,996	10,925	10,161
Petroleum and coal products	22,019	18,407	19,245	13,007	4,073	2,961	4,410	2,867	4,594	4,941	4,751	4,404
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	90	(L)	85,639	82,814	87,339	105,622	112,828	127,829
Leather and leather products	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)
Durable goods	36,725	31,122	22,513	24,085	22,501	17,238	756,854	725,759	672,681	748,977	752,293	718,390
Lumber and wood products	367	(D)	(D)	(D)	(D)	(D)	7,027	9,036	12,650	8,732	9,417	9,508
Furniture and fixtures	0	0	0	0	0	0	(D)	25,317	26,903	30,050	31,288	34,383
Primary metal industries	0	0	0	0	(D)	0	67,804	55,389	49,652	56,193	55,303	52,371
Fabricated metal products	6,540	5,139	2,864	2,707	2,458	2,586	182,533	155,912	140,011	159,515	165,649	167,549
Machinery, except electrical	28,731	24,480	17,892	19,574	18,878	13,807	104,831	123,135	99,403	107,675	117,282	109,802
Electric and electronic equipment	0	0	0	(D)	(D)	(D)	80,286	82,691	78,115	87,203	89,135	87,740
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(L)	(L)	0	0	0	0	1,645	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	1,043	1,234	1,117	745	607	3,887	4,060	3,351	2,877	3,429	4,153
Instruments and related products	(D)	(L)	0	0	0	0	83,968	79,549	80,922	81,433	84,009	81,067
Miscellaneous manufacturing industries	89	(D)	(D)	247	169	133	5,458	4,940	2,554	2,317	2,208	2,942
Transportation and public utilities	65,983	71,772	72,528	74,314	75,026	73,090	123,856	121,783	120,562	131,429	134,954	135,373
Railroad transportation	5,286	5,987	7,342	8,655	8,629	7,267	(D)	11,327	9,412	10,990	11,527	8,853
Trucking and warehousing	17,180	18,005	14,740	15,050	14,159	14,079	34,958	32,710	31,447	34,931	33,107	33,296
Water transportation	0	0	0	0	0	0	2,284	1,651	1,252	1,150	1,670	1,739
Other transportation[8]	26,048	27,887	29,399	28,825	30,517	31,960	5,826	5,472	5,268	6,221	6,230	8,873
Communication	7,410	8,727	10,108	9,500	8,503	6,694	(D)	47,204	48,345	49,809	49,666	48,263
Electric, gas, and sanitary services	10,059	11,166	10,939	12,284	13,218	13,090	22,228	23,419	24,838	28,328	32,754	34,349
Wholesale trade	42,470	42,281	39,205	40,105	38,908	36,051	77,614	78,275	79,770	85,006	91,563	94,397
Retail trade	67,031	72,403	73,258	78,441	76,744	68,194	186,563	191,097	205,883	217,097	229,227	242,945
Finance, insurance, and real estate	23,803	25,738	29,025	30,292	30,222	28,315	77,754	78,384	89,390	98,478	108,184	120,130
Banking and credit agencies	10,611	12,987	14,769	15,814	15,229	13,369	30,514	31,480	30,730	35,774	36,922	40,552
Other finance, insurance, and real estate[9]	13,192	12,751	14,256	14,478	14,993	14,946	47,240	46,904	58,660	62,704	71,262	79,578
Services	82,966	97,313	104,229	111,136	128,311	135,562	359,662	394,776	425,631	458,547	502,417	534,281
Hotels and other lodging places	2,027	1,612	1,674	1,491	1,399	1,037	7,758	8,132	9,548	10,706	10,254	10,259
Personal services	6,971	8,467	8,667	9,226	11,186	11,526	20,218	22,124	22,473	24,305	28,808	31,226
Private households	558	614	654	719	715	730	(D)	(D)	(D)	(D)	(D)	(D)
Business services	15,306	20,284	22,143	24,726	28,011	27,944	27,646	32,665	33,964	38,493	46,995	50,550
Auto repair, services, and garages	4,499	4,746	4,827	5,306	5,109	4,861	17,924	17,975	17,593	18,816	19,824	21,020
Miscellaneous repair services	2,358	2,567	1,945	1,879	1,562	1,482	7,256	7,802	8,431	9,700	9,090	9,591
Amusement and recreation services	1,526	1,811	1,876	2,112	2,081	2,086	6,296	7,375	7,007	7,914	8,716	9,357
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	400	404	339	428	486	606
Health services	27,815	34,145	37,895	38,837	50,361	56,770	168,974	193,964	214,281	229,345	248,043	259,133
Legal services	5,037	6,333	7,041	8,309	9,645	11,562	16,008	18,196	20,234	22,931	24,860	28,585
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	20,646	21,156	23,167	24,682	26,586	29,785
Social services	642	859	1,003	1,227	1,388	1,305	22,092	24,133	25,253	23,115	24,913	27,667
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,974	4,502	4,633	4,374	4,298	4,275	17,011	18,548	19,692	20,497	21,632	21,875
Miscellaneous services	8,497	7,239	7,130	7,859	7,579	7,237	23,063	17,621	18,762	22,216	26,699	28,929
Government and government enterprises	90,553	102,390	107,529	110,583	106,036	103,426	198,510	214,851	223,443	233,082	249,734	271,718
Federal, civilian	8,111	8,438	8,736	8,633	8,966	8,896	30,030	31,513	32,816	35,112	37,095	37,422
Military	27,254	28,423	28,768	33,267	36,181	34,062	7,326	6,938	8,686	7,810	8,486	9,053
State and local	55,188	65,529	70,025	68,683	60,889	60,468	161,154	176,400	181,941	190,160	204,153	225,243

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Eugene—Springfield, OR (MSA)						Evansville, IN—KY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,646,526**	**2,606,668**	**2,765,531**	**2,968,134**	**3,112,004**	**3,268,350**	**2,980,365**	**3,129,008**	**3,252,838**	**3,585,716**	**3,753,322**	**3,930,730**
Nonfarm personal income	2,625,542	2,587,424	2,750,706	2,944,319	3,086,679	3,239,844	2,951,154	3,105,851	3,258,171	3,550,822	3,720,919	3,894,141
Farm income[1]	20,984	19,244	14,825	23,815	25,325	28,506	29,211	23,157	−5,333	34,894	32,403	36,589
Population (thousands)[2]	274.6	269.8	267.3	266.4	263.9	263.2	277.5	278.8	279.8	281.2	282.0	281.2
Per capita personal income (dollars)	**9,636**	**9,661**	**10,345**	**11,140**	**11,794**	**12,419**	**10,741**	**11,223**	**11,625**	**12,751**	**13,312**	**13,979**
Derivation of total personal income:												
Total earnings by place of work	1,847,840	1,759,714	1,868,638	2,042,671	2,146,058	2,251,821	2,350,750	2,413,815	2,488,841	2,795,793	2,935,152	3,084,094
Less: Personal contributions for social insurance[3]	109,276	112,683	118,512	130,453	142,753	150,394	131,069	141,149	141,131	158,005	174,635	185,099
Plus: Adjustment for residence	25,444	26,956	25,981	24,440	24,097	25,956	−160,909	−153,057	−164,044	−192,725	−214,116	−239,049
Equals: Net earnings by place of residence	1,764,008	1,673,987	1,776,107	1,936,658	2,027,402	2,127,383	2,058,772	2,119,609	2,183,666	2,445,063	2,546,401	2,659,946
Plus: Dividends, interest, and rent[5]	464,882	468,336	492,199	526,579	537,489	569,191	520,612	566,725	594,181	646,636	686,238	717,249
Plus: Transfer payments	417,636	464,345	497,225	504,897	547,113	571,776	400,981	442,674	474,991	494,017	520,683	553,535
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,476,432	1,409,097	1,481,960	1,605,687	1,672,612	1,741,610	1,906,865	1,970,536	2,029,389	2,246,574	2,356,815	2,464,786
Other labor income	132,986	131,857	138,972	146,418	155,289	160,069	213,022	227,898	239,165	254,781	261,408	270,020
Proprietors' income[6]	238,422	218,760	247,706	290,566	318,157	350,142	230,863	215,381	220,287	294,438	316,929	349,288
Farm	14,647	12,238	8,126	17,226	18,582	21,732	23,393	16,486	−11,784	28,514	25,947	30,083
Nonfarm	223,775	206,522	239,580	273,340	299,575	328,410	207,470	198,895	232,071	265,924	290,982	319,205
Earnings by industry:												
Farm	20,984	19,244	14,825	23,815	25,325	28,506	29,211	23,157	−5,333	34,894	32,403	36,589
Nonfarm	1,826,856	1,740,470	1,853,813	2,018,856	2,120,733	2,223,315	2,321,539	2,390,658	2,494,174	2,760,899	2,902,749	3,047,505
Private	1,492,769	1,404,366	1,504,496	1,651,770	1,730,688	1,810,664	2,146,580	2,206,970	2,300,442	2,554,100	2,676,021	2,801,604
Agricultural services, forestry, fisheries, and other[7]	13,358	9,807	19,333	18,412	16,023	25,027	5,129	5,759	6,704	5,858	5,800	6,495
Agricultural services	6,714	6,247	7,386	7,198	7,116	8,170	5,049	5,760	6,482	5,726	5,661	6,328
Forestry, fisheries, and other[7]	6,644	3,560	11,947	11,214	8,907	16,857	80	(L)	222	132	139	167
Mining	9,722	7,337	7,647	8,003	9,505	9,791	116,314	131,405	142,074	156,267	158,290	151,221
Coal mining	(D)	0	(L)	(L)	(L)	(L)	90,624	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	5,217	3,782	3,093	3,507	5,047	5,032	21,726*	25,839*	25,882*	24,022*	(D)	(D)
Metal mining	(D)	(L)	(L)	(L)	(L)	104	(D)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	4,422	3,557	4,552	4,501	4,424	4,651	(D)	(D)	(D)	(D)	(D)	(D)
Construction	119,579	98,360	94,044	102,233	112,556	118,832	168,435	176,607	185,292	229,554	253,262	281,499
Manufacturing	449,651	408,997	442,070	492,760	497,259	493,419	817,544	807,922	811,185	920,559	939,460	970,643
Nondurable goods	77,672	81,358	85,953	93,651	106,220	107,575	292,147	309,250	345,791	388,913	408,766	428,422
Food and kindred products	30,199	31,004	31,373	34,520	37,518	37,086	(D)	(D)	(D)	(D)	47,970*	43,671*
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0	0
Apparel and other textile products	623	1,001	1,117	1,204	506	670	7,694*	7,344*	7,983*	9,514*	9,416*	10,559*
Paper and allied products	(D)	(D)	(D)	(D)	26,041	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	19,783	20,680	22,926	25,972	27,622	30,048	34,476*	35,191*	38,186*	41,951*	44,914*	45,733*
Chemicals and allied products	7,649	7,899	8,428	9,041	9,603	10,407	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	(D)	(D)	10,468	9,860	13,650	14,483	15,447	18,172
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	3,298	3,440	3,839	4,275	4,883	6,171	60,790*	61,759*	70,814*	92,561	94,345	97,674
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Durable goods	371,979	327,639	356,117	399,109	391,039	385,844	525,397	498,672	465,394	531,646	530,694	542,221
Lumber and wood products	300,919	268,438	292,116	319,994	307,598	296,336	(D)	7,890*	9,143*	10,855	10,428*	10,859*
Furniture and fixtures	(D)	1,961	2,878	3,212	1,718	1,724	27,032*	(D)	25,490*	28,425	(D)	30,904
Primary metal industries	3,045	3,156	3,431	3,877	4,009	4,467	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	15,238	11,182	9,863	12,126	12,566	13,820	49,935*	(D)	42,586*	49,066*	50,426*	55,584*
Machinery, except electrical	27,969	22,345	22,292	28,819	31,573	32,738	47,555*	45,641*	40,790*	44,222*	40,719*	39,558*
Electric and electronic equipment	4,995	4,971	6,832	9,382	11,404	11,784	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	730	2,620	3,736	4,842	5,425	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	3,482	3,767	6,551	9,263	10,479	9,772	21,716	(D)	(D)	(D)	43,948*	(D)
Stone, clay, and glass products	11,095	8,602	6,140	3,735	3,152	6,565	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	320	296	356	548	622	729	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,034	2,191	3,038	4,417	3,076	2,484	9,168*	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	129,771	125,291	130,623	142,617	141,484	139,544	159,283	164,246	177,723	193,425	195,232	194,208
Railroad transportation	38,199	35,541	33,877	37,815	35,618	36,353	28,528	31,650	36,562	38,124	33,944*	25,706*
Trucking and warehousing	40,048	40,198	41,475	54,531	54,103	53,266	58,497	54,243	56,787	65,314	66,706	69,950
Water transportation	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	8,836	8,378	8,713	7,814	7,710	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	34,651	34,560	40,329	34,906	34,854	33,061	28,354	29,149	29,705	30,677	31,519	32,448
Electric, gas, and sanitary services	8,046	6,628	6,237	7,559	9,203	9,397	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	116,385	106,615	106,899	118,085	126,817	135,505	155,477	154,654	146,368	155,223	166,826	170,732
Retail trade	232,721	223,671	248,407	263,035	273,155	289,068	222,455	231,137	253,127	265,087	274,886	291,670
Finance, insurance, and real estate	69,238	60,021	64,320	66,751	67,338	79,621	74,558	71,966	81,974	90,415	98,639	115,309
Banking and credit agencies	27,979	26,903	25,803	24,595	25,763	27,868	37,198	37,669*	39,964*	43,558*	46,257*	51,700*
Other finance, insurance, and real estate[9]	41,259	33,118	38,517	42,156	41,575	51,753	37,360	31,802*	39,100*	43,645*	48,921*	59,536*
Services	352,344	364,267	391,153	439,874	486,551	519,857	427,385	463,274	495,995	537,712	583,626	619,827
Hotels and other lodging places	12,263	11,156	12,262	13,498	13,014	14,159	9,188*	8,564*	8,381*	8,407*	(D)	(D)
Personal services	19,114	19,650	21,271	22,195	27,040	28,369	24,048	25,997	28,367	29,196	34,317	36,535
Private households	4,496	4,789	4,937	5,488	5,501	5,649	7,684	8,216	8,507	9,444	9,456	9,181*
Business services	55,909	56,914	66,369	76,911	88,340	93,316	46,017	50,905	53,566	59,513	68,597	76,133
Auto repair, services, and garages	22,852	20,639	22,950	27,003	28,514	29,937	21,015	20,868	23,114	27,401	32,057	32,938
Miscellaneous repair services	6,799	6,296	8,795	10,864	9,792	10,293	12,214	13,707	16,203	20,351	21,397	27,390
Amusement and recreation services	7,112	7,108	6,905	7,554	7,608	7,786	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,538*	(D)	(D)	(D)	(D)	(D)
Health services	131,884	143,583	150,295	162,128	177,704	193,463	204,448	231,118	246,822	256,501	269,858	280,371
Legal services	24,062	27,677	29,459	35,660	39,932	41,683	20,716	21,167	22,572	27,922	30,604	33,586
Educational services	6,489	7,974	7,895	9,074	9,888	10,414	15,780*	19,439	20,584	21,349*	23,109	23,168
Social services	8,814	9,066	10,113	12,261	15,013	17,534	10,386*	10,831*	12,717*	14,599*	15,878*	17,478*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	17,592	18,695	18,771	19,525	20,609	20,380	(D)	19,379	20,059	20,941	21,113	21,147
Miscellaneous services	34,809	30,454	30,810	36,580	41,988	45,139	25,913	21,488	23,255	29,231	34,382	36,510
Government and government enterprises	334,087	336,104	349,317	367,086	390,045	412,651	174,959	183,688	193,732	206,799	226,728	245,901
Federal, civilian	49,677	51,164	53,908	56,605	59,581	59,288	24,416	24,934	26,319	28,967	31,742	32,233
Military	4,190	5,254	6,187	6,096	6,693	7,409	4,850	5,825	7,072	6,809	7,649	8,782
State and local	280,220	279,686	289,222	304,385	323,771	345,954	145,693	152,929	160,341	171,023	187,337	204,886

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fargo—Moorhead, ND—MN (MSA)						Fayetteville, NC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,430,584**	**1,515,259**	**1,640,421**	**1,756,649**	**1,829,859**	**1,942,474**	**1,948,690**	**2,090,951**	**2,286,882**	**2,494,044**	**2,664,155**	**2,813,794**
Nonfarm personal income	1,394,773	1,492,951	1,592,562	1,693,785	1,775,197	1,870,004	1,941,926	2,082,039	2,283,335	2,485,453	2,658,450	2,808,534
Farm income[1]	35,811	22,308	47,859	62,864	54,662	72,470	6,764	8,912	3,547	8,591	5,705	5,260
Population (thousands)[2]	138.6	139.3	141.5	143.0	144.7	145.3	248.3	248.3	250.8	254.0	255.5	258.5
Per capita personal income (dollars)	**10,320**	**10,877**	**11,593**	**12,288**	**12,642**	**13,369**	**7,848**	**8,421**	**9,117**	**9,818**	**10,428**	**10,884**
Derivation of total personal income:												
Total earnings by place of work	1,085,862	1,121,426	1,215,841	1,321,237	1,380,576	1,463,897	1,648,689	1,746,447	1,913,960	2,096,562	2,215,830	2,315,717
Less: Personal contributions for social insurance[3]	64,835	70,263	73,761	79,804	88,149	93,380	89,352	96,034	106,045	117,323	126,625	134,436
Plus: Adjustment for residence	−25,809	−21,642	−25,454	−28,705	−33,787	−27,329	−78,865	−70,343	−86,413	−93,890	−94,067	−77,510
Equals: Net earnings by place of residence	995,218	1,029,521	1,116,626	1,212,728	1,258,640	1,343,188	1,480,472	1,580,070	1,721,502	1,885,349	1,995,138	2,103,771
Plus: Dividends, interest, and rent[4]	259,452	288,719	306,341	313,701	319,921	332,082	147,701	159,417	181,001	213,194	234,465	252,928
Plus: Transfer payments	175,914	197,019	217,454	230,220	251,298	267,204	320,517	351,464	384,379	395,501	434,552	457,095
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	882,574	924,418	977,733	1,050,591	1,103,905	1,155,225	1,496,065	1,583,084	1,727,316	1,880,193	1,986,845	2,068,818
Other labor income	72,874	81,338	87,965	90,849	94,439	97,437	70,928	80,176	90,124	97,943	102,133	105,068
Proprietors' income[5]	130,414	115,670	150,143	179,797	182,232	211,235	81,696	83,187	96,520	118,426	126,852	141,831
Farm	25,726	11,732	37,706	52,937	44,535	62,260	4,099	5,914	661	5,760	2,841	2,380
Nonfarm	104,688	103,938	112,437	126,860	137,697	148,975	77,597	77,273	95,859	112,666	124,011	139,451
Earnings by industry:												
Farm	35,811	22,308	47,859	62,864	54,662	72,470	6,764	8,912	3,547	8,591	5,705	5,260
Nonfarm	1,050,051	1,099,118	1,167,982	1,258,373	1,325,914	1,391,427	1,641,925	1,737,535	1,910,413	2,087,971	2,210,125	2,310,457
Private	865,746	906,586	965,636	1,043,249	1,094,773	1,146,843	682,311	709,427	801,804	915,205	978,337	1,047,820
Agricultural services, forestry, fisheries, and other[7]	4,090	4,119	4,883	5,032	4,847	5,077	3,573	3,616	4,702	5,271	5,302	8,188
Agricultural services	4,027	4,112	4,781	4,984	4,771	4,988	3,302	3,438	4,128	4,894	5,003	(D)
Forestry, fisheries, and other[7]	63	(L)	102	(L)	76	89	271	178	574	377	299	(D)
Mining	3,639	3,038	3,098	3,160	3,637	3,361	2,027	1,649	1,335	1,552	2,245	2,186
Coal mining	0	0	0	0	(D)	0	66	(L)	51	80	87	92
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,113	2,148
Metal mining	0	0	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	−54
Construction	82,982	74,510	85,786	93,751	97,219	102,722	56,149	53,850	64,733	77,392	86,027	96,249
Manufacturing	91,015	93,714	94,768	104,738	107,120	107,970	199,078	199,649	227,494	266,098	267,037	272,613
Nondurable goods	46,548	51,105	52,206	56,164	58,173	60,412	138,932	139,561	157,090	184,932	182,887	177,922
Food and kindred products	(D)	(D)	(D)	(D)	(D)	41,911	12,617	12,416	11,773	12,320	10,720	11,525
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	17,197	11,056	11,842	19,773	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	13,129	10,917	12,261	13,700	12,709	12,373
Paper and allied products	(D)	(D)	(D)	(D)	(D)	1,166*	0	0	0	0	0	0
Printing and publishing	9,988	10,590	11,291	12,278	13,264	14,224	6,310	6,645	7,577	8,601	9,527	10,810
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	11,759	14,658	16,489	18,024	17,632	13,008
Petroleum and coal products	0	0	0	0	0	0	(D)	654	778	877	521	360
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	0	0	0	0	0	0	0	(D)	(D)	(D)	0	0
Durable goods	44,467	42,609	42,562	48,574	48,947	47,558	60,146	60,088	70,404	81,166	84,150	94,691
Lumber and wood products	280	626	587	619	1,161	1,600	9,746	8,349	9,037	10,137	6,350	6,135
Furniture and fixtures	(D)	1,390	1,883	2,337	2,782	2,926	2,723	2,458	2,700	2,745	6,296	6,411
Primary metal industries	0	0	0	0	0	0	0	0	0	0	0	0
Fabricated metal products	5,691*	5,851*	6,398*	8,033*	8,624*	8,881*	2,544	2,109	2,017	2,224	2,825	3,433
Machinery, except electrical	28,505	26,909	24,462	26,276	24,939	21,059	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	9,775	11,402	12,905	15,502	(D)	(D)
Transportation equip. exc. motor vehicles	(L)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,349	907	1,082	1,872	1,931	2,518	14,512	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,639	3,180	4,126	4,447	4,735	4,964	2,494	2,880	3,817	3,880	4,913	5,652
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,870*	1,787*	1,732*	2,094*	2,013*	(D)	245	157	115	(D)	98	(D)
Transportation and public utilities	107,123	113,647	113,571	118,655	121,983	124,935	63,633	66,732	69,807	77,689	81,462	76,620
Railroad transportation	17,712	16,529	15,970	18,710	18,655	16,499	2,247	2,462	2,811	(D)	(D)	(D)
Trucking and warehousing	38,725	40,820	42,162	46,729	46,810	51,399	28,070	26,724	29,317	34,091	34,059	29,412
Water transportation	(L)	−96	−72	−67	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	37,947	40,820	40,156	34,815*	36,464*	36,116*	(D)	(D)	(D)	27,599	29,528	27,803
Electric, gas, and sanitary services	4,671*	6,628*	6,520*	7,194	7,907	8,264	5,871	6,466	7,024	8,009	8,156	8,889
Wholesale trade	143,336	151,479	154,825	164,703	168,311	168,372	35,096	39,469	41,786	39,671	43,423	49,173
Retail trade	121,624	125,841	135,177	145,591	150,204	154,908	147,077	159,034	180,044	202,639	221,561	236,940
Finance, insurance, and real estate	69,738	72,556	82,225	88,976	96,696	105,958	39,760	39,222	44,487	48,535	53,112	62,941
Banking and credit agencies	24,289	26,624	28,781	31,661	35,654	38,841	16,428	18,048	19,300	21,433	24,552	28,489
Other finance, insurance, and real estate[9]	45,449	45,932	53,444	57,315	61,042	67,117	23,332	21,174	25,187	27,102	28,560	34,452
Services	242,199	267,682	291,303	318,643	344,756	373,540	135,918	146,206	167,416	196,358	218,168	242,910
Hotels and other lodging places	(D)	7,935	9,027	(D)	(D)	(D)	5,164	4,931	6,534	7,568	7,065	8,631
Personal services	14,922	15,825	17,101	18,303	21,785	23,482	13,623	15,058	15,768	17,705	20,445	23,233
Private households	3,472	3,739	3,915	4,366	4,371	4,443	9,203	9,933	10,384	11,680	11,856	12,275
Business services	22,041	22,630	23,607	26,942	30,793	37,511	16,282	17,915	20,306	23,886	29,043	34,492
Auto repair, services, and garages	10,327	10,478	11,155	12,720	13,533	14,610	9,564	9,766	12,224	15,288	16,777	18,167
Miscellaneous repair services	3,720	3,987	4,575	5,236	4,891	5,372	4,898	5,093	6,331	7,886	6,854	7,202
Amusement and recreation services	3,811	4,440	5,803	6,603	7,344	7,497	3,298	3,037	3,075	3,360	4,015	4,274
Motion pictures	(D)	(D)	(D)	492	513	577	543	564	529	632	545	503
Health services	112,536	131,360	147,594	159,369	170,436	182,200	35,302	42,327	50,594	60,637	68,009	78,876
Legal services	11,602	12,569	14,179	15,753	16,931	18,651	9,647	10,176	11,028	13,487	15,649	17,370
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	4,053	4,919	5,481	5,731	6,353	6,757
Social services	5,707	7,360	7,784	8,334	10,139	11,837	4,629	4,916	5,534	6,272	6,749	5,141
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	10,308	11,291	11,835	12,605	12,986	13,215	9,332	9,605	9,803	9,818	9,888	9,933
Miscellaneous services	23,253	22,872	20,477	23,715	26,266	27,484	10,380	7,966	9,825	12,408	14,920	16,056
Government and government enterprises	184,305	192,532	202,346	215,124	231,141	244,584	959,614	1,028,108	1,108,609	1,172,766	1,231,788	1,262,637
Federal, civilian	47,957	46,634	49,689	51,533	54,433	56,107	146,348	166,300	178,903	192,784	202,358	212,344
Military	3,971	4,291	4,635	4,739	5,168	5,791	654,186	693,296	756,463	794,759	825,679	830,177
State and local	132,377	141,607	148,022	158,852	171,540	182,686	159,080	168,512	173,243	185,223	203,751	220,116

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fayetteville—Springdale, AR (MSA)						Flint, MI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**825,744**	**873,862**	**938,509**	**1,065,398**	**1,149,191**	**1,254,128**	**4,997,234**	**4,863,704**	**5,276,855**	**5,849,465**	**6,313,468**	**6,544,260**
Nonfarm personal income	803,787	849,544	924,799	1,023,791	1,116,245	1,206,312	4,988,316	4,857,359	5,271,533	5,841,878	6,303,706	6,536,003
Farm income[1]	21,957	24,318	13,710	41,607	32,946	47,816	8,918	6,345	5,322	7,587	9,762	8,257
Population (thousands)[2]	101.0	101.8	102.4	104.1	105.7	107.4	446.4	440.4	435.6	433.4	434.3	434.9
Per capita personal income (dollars)	**8,172**	**8,586**	**9,164**	**10,238**	**10,876**	**11,682**	**11,194**	**11,045**	**12,115**	**13,497**	**14,535**	**15,049**
Derivation of total personal income:												
Total earnings by place of work	623,821	650,284	691,514	808,911	863,558	954,364	4,418,750	4,097,822	4,535,319	5,124,745	5,584,899	5,745,237
Less: Personal contributions for social insurance[3]	34,781	37,440	40,819	46,105	52,510	57,670	263,672	257,774	277,492	318,457	366,512	380,955
Plus: Adjustment for residence	−42,828	−41,022	−41,054	−45,883	−44,451	−42,030	−501,700	−448,852	−502,820	−572,866	−616,252	−631,189
Equals: Net earnings by place of residence	546,212	571,822	609,641	716,923	766,597	854,664	3,653,378	3,391,196	3,755,007	4,233,422	4,602,135	4,733,093
Plus: Dividends, interest, and rent[5]	142,308	153,320	165,637	179,096	199,833	210,290	592,126	628,397	648,204	732,483	782,188	822,659
Plus: Transfer payments	137,224	148,720	163,231	169,379	182,761	189,174	751,730	844,111	873,644	883,560	929,145	988,508
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	482,947	503,630	542,960	611,610	660,072	720,127	3,668,216	3,401,476	3,756,880	4,271,590	4,686,200	4,807,409
Other labor income	49,833	55,706	60,974	66,447	72,873	79,136	591,288	548,497	605,812	660,651	685,658	701,981
Proprietors' income[6]	91,041	90,948	87,580	130,854	130,613	155,101	159,246	147,849	172,627	192,504	213,041	235,847
Farm	17,082	18,789	8,371	36,344	27,616	42,470	6,940	4,042	3,137	5,433	7,587	6,089
Nonfarm	73,959	72,159	79,209	94,510	102,997	112,631	152,306	143,807	169,490	187,071	205,454	229,758
Earnings by industry:												
Farm	21,957	24,318	13,710	41,607	32,946	47,816	8,918	6,345	5,322	7,587	9,762	8,257
Nonfarm	601,864	625,966	677,804	767,304	830,612	906,548	4,409,832	4,091,477	4,529,997	5,117,158	5,575,137	5,736,980
Private	475,771	486,013	530,889	603,695	653,254	716,447	3,992,289	3,655,637	4,071,867	4,641,731	5,072,371	5,191,582
Agricultural services, forestry, fisheries, and other[7]	(D)	2,765	3,314	3,471	3,048	3,448	4,224	3,876	4,474	4,501	5,510	6,164
Agricultural services	(D)	2,784	3,128	3,339	2,970	3,350	4,057	3,810	4,183	(D)	5,340	5,995
Forestry, fisheries, and other[7]	60	(L)	186	132	78	98	167	66	291	(D)	170	169
Mining	(D)	1,907	1,899	2,140	2,816	2,822	8,880	7,773	6,614	7,632	11,277	10,963
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	(D)	1,910	1,899	2,140	2,816	2,822	8,668	7,651	6,456	7,397	11,089	11,008
Metal mining	(L)	(L)	0	0	0	0	(L)	(L)	(L)	(L)	(L)	53
Nonmetallic minerals, except fuels	0	0	0	0	0	0	205	134	155	240	160	(D)
Construction	41,327	38,587	40,961	47,817	55,851	60,513	129,869	96,659	108,946	120,636	166,467	164,616
Manufacturing	126,412	129,421	145,266	162,739	175,247	199,981	2,502,392	2,191,789	2,508,264	2,922,296	3,205,518	3,164,104
Nondurable goods	79,777	83,072	91,333	101,064	109,419	128,657	53,309	54,886	60,342	65,859	72,415	79,732
Food and kindred products	64,446	66,355	72,952	81,294	88,799	105,737	12,211	11,807	13,017	14,650	15,050	17,515
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	(D)	(D)	(D)	(D)	(D)	5,707	5,556	6,548	7,422	7,295	8,646
Printing and publishing	10,931	11,393	12,458	13,473	13,769	15,338	15,876	15,813	16,871	17,349	19,090	22,124
Chemicals and allied products	51	(D)	(D)	(D)	(D)	(D)	(D)	11,295	12,076	15,556	17,273	14,546
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)	1,047	828	826	728	936	7,654	8,364	10,368	9,965	12,972	15,968
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	0	0
Durable goods	46,635	46,349	53,933	61,675	65,828	71,324	2,449,083	2,136,903	2,447,922	2,856,437	3,133,103	3,084,372
Lumber and wood products	2,466	1,363	1,529	1,669	1,867	2,174	863	754	788	1,025	1,033	1,338
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	3,699	(D)	1,188	1,331	1,739	(D)	1,804
Fabricated metal products	22,964	25,473	27,429	33,390	36,033	37,016	260,929	208,008	231,359	266,057	514,110	505,854
Machinery, except electrical	2,855	4,828	6,359	7,241	6,964	7,354	31,911	29,800	27,965	36,345	46,360	47,155
Electric and electronic equipment	(D)	4,608	6,302	7,645	6,457	6,742	4,833	5,632	2,793	6,861	5,695	5,810
Transportation equip. exc. motor vehicles	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	2,471	2,139,514	1,883,367	2,175,174	2,535,606	2,551,195	2,507,614
Stone, clay, and glass products	1,515	1,362	1,779	1,704	1,807	2,047	7,580	5,584	5,549	5,123	6,469	7,907
Instruments and related products	(D)	0	0	0	0	0	198	879	835	1,404	1,865	2,156
Miscellaneous manufacturing industries	10,446	(D)	(D)	5,095	6,080	6,532	1,665	1,609	1,997	1,861	2,722	2,641
Transportation and public utilities	69,101	73,707	80,037	95,246	103,922	108,849	140,429	143,895	146,680	151,102	149,304	151,647
Railroad transportation	560	(D)	(D)	(D)	(D)	1,308	17,331	16,254	15,316	16,670	17,351	16,278
Trucking and warehousing	42,036	43,211	45,480	58,870	65,287	71,239	52,070	54,375	56,453	60,182	54,122	54,857
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	5,401	(D)	(D)	(D)	(D)	6,958	2,716	(D)	(D)	7,046	(D)	(D)
Communication	11,748	12,585	13,514	13,684	14,514	15,101	42,401	42,579	42,413	38,824	40,384	42,376
Electric, gas, and sanitary services	9,356	10,753	11,869	12,805	14,072	14,243	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	40,569	37,607	38,283	44,071	46,311	51,528	282,217	283,107	297,183	355,839	358,475	380,341
Retail trade	75,461	77,923	85,870	96,885	104,071	109,222	320,427	312,477	327,459	346,930	377,844	414,277
Finance, insurance, and real estate	22,042	21,815	26,111	29,756	30,816	35,168	94,637	87,191	96,267	99,815	109,356	131,136
Banking and credit agencies	11,407	12,527	14,047	15,742	16,660	17,434	49,685	50,866	54,143	58,245	61,678	66,940
Other finance, insurance, and real estate[9]	10,635	9,288	12,064	14,014	14,156	17,734	44,952	36,325	42,124	41,570	47,678	64,196
Services	96,004	102,281	109,148	121,570	131,172	144,916	509,214	528,870	575,980	632,980	688,620	768,334
Hotels and other lodging places	2,701	3,698	3,818	3,852	3,709	4,392	3,516	2,849	2,889	3,762	4,529	4,970
Personal services	8,390	9,595	10,325	10,876	12,426	13,526	27,172	27,215	27,940	28,947	34,323	37,486
Private households	2,100	2,244	2,345	2,616	2,630	2,706	5,248	5,529	5,685	6,286	6,305	6,486
Business services	15,013	15,497	15,215	17,184	19,390	22,644	36,478	32,868	40,579	47,521	58,321	72,736
Auto repair, services, and garages	6,989	6,467	8,310	9,961	10,271	10,994	21,601	18,797	20,808	25,567	30,572	33,909
Miscellaneous repair services	2,453	2,952	2,485	2,812	2,440	2,587	5,835	5,783	7,260	9,174	11,299	10,156
Amusement and recreation services	1,301	1,193	1,368	1,459	1,382	1,443	7,696	7,528	8,057	11,644	12,367	10,481
Motion pictures	(D)	(D)	(D)	(D)	(D)	604	(D)	(D)	(D)	(D)	(D)	(D)
Health services	32,109	36,508	39,429	43,190	46,262	52,182	259,832	288,303	313,243	325,892	326,961	368,894
Legal services	5,963	7,363	8,377	9,986	10,740	11,529	20,778	22,741	24,819	29,221	30,968	33,275
Educational services	(D)	(D)	(D)	(D)	(D)	1,095	21,439	22,251	24,864	28,764	30,481	31,303
Social services	4,175	4,155	4,645	5,383	5,961	6,384	17,320	19,865	22,059	24,213	27,032	29,723
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,085	4,427	4,534	4,641	4,685	4,651	33,409	33,898	34,932	36,080	37,557	38,715
Miscellaneous services	8,234	7,055	7,121	8,266	9,218	10,179	47,587	39,849	41,514	54,548	75,114	87,594
Government and government enterprises	126,093	139,953	146,915	163,609	177,358	190,101	417,543	435,840	458,130	475,427	502,766	545,398
Federal, civilian	20,035	22,019	23,904	25,505	27,720	27,399	32,845	33,868	36,547	39,862	42,456	40,448
Military	2,782	3,045	3,672	3,741	3,868	4,073	3,640	4,397	4,941	4,809	5,277	5,611
State and local	103,276	114,889	119,339	134,363	145,770	158,629	381,058	397,575	416,642	430,756	455,033	499,339

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Florence, AL (MSA)						Florence, SC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,147,359**	**1,168,399**	**1,214,159**	**1,297,706**	**1,375,442**	**1,423,648**	**910,779**	**940,193**	**996,601**	**1,095,528**	**1,162,397**	**1,227,113**
Nonfarm personal income	1,118,412	1,137,652	1,202,208	1,276,182	1,344,349	1,404,080	886,840	913,766	986,873	1,078,171	1,150,269	1,225,221
Farm income[1]	28,947	30,747	11,951	21,524	31,093	19,568	23,939	26,427	9,728	17,357	12,128	1,892
Population (thousands)[2]	137.5	136.6	137.0	136.9	137.8	137.7	111.9	112.2	112.6	114.4	115.7	116.0
Per capita personal income (dollars)	**8,345**	**8,553**	**8,860**	**9,480**	**9,981**	**10,336**	**8,141**	**8,379**	**8,849**	**9,580**	**10,045**	**10,576**
Derivation of total personal income:												
Total earnings by place of work	871,239	870,519	878,454	927,912	971,989	1,001,433	760,514	758,118	783,642	885,957	928,896	980,821
Less: Personal contributions for social insurance[3]	49,658	51,599	52,764	56,372	60,368	60,003	41,742	43,381	45,170	51,069	56,446	60,483
Plus: Adjustment for residence	−13,167	−20,679	−6,933	2,739	14,909	12,132	−59,225	−50,893	−40,951	−55,595	−59,589	−64,705
Equals: Net earnings by place of residence	808,414	798,241	818,757	874,279	926,530	953,562	659,547	663,844	697,521	779,293	812,861	855,633
Plus: Dividends, interest, and rent[5]	155,968	166,330	170,492	188,330	201,039	212,661	99,024	110,276	121,607	131,448	144,776	154,975
Plus: Transfer payments	182,977	203,828	224,910	235,097	247,873	257,425	152,208	166,073	177,473	184,787	204,760	216,505
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	699,418	703,302	715,675	746,605	771,747	800,777	617,679	621,080	651,717	728,954	767,713	817,556
Other labor income	80,517	80,756	83,363	82,290	82,028	84,846	60,592	63,611	65,943	72,406	74,345	77,968
Proprietors' income[6]	91,304	86,461	79,416	99,017	118,214	115,810	82,243	73,427	65,982	84,597	86,838	85,297
Farm	26,456	27,836	9,167	18,807	28,321	16,786	18,665	20,898	4,411	12,156	6,880	−3,377
Nonfarm	64,848	58,625	70,249	80,210	89,893	99,024	63,578	52,529	61,571	72,441	79,958	88,674
Earnings by industry:												
Farm	28,947	30,747	11,951	21,524	31,093	19,568	23,939	26,427	9,728	17,357	12,128	1,892
Nonfarm	842,292	839,772	866,503	906,388	940,896	981,865	736,575	731,691	773,914	868,600	916,768	978,929
Private	648,323	628,177	649,497	682,033	703,262	740,353	635,253	622,289	655,963	739,203	770,944	821,284
Agricultural services, forestry, fisheries, and other[7]	3,409	3,151	3,131	3,347	3,402	3,240	1,835	1,426	1,881	1,971	1,953	2,311
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	1,372	1,164	1,252	1,298	1,439	1,626
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	463	262	629	673	514	685
Mining	3,346	2,461	1,926	1,683	2,069	2,185	1,330	1,115	1,197	1,246	1,843	1,941
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,118	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,322
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,228	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	616
Construction	43,963	48,242	41,358	46,980	46,563	46,005	82,421	62,678	53,650	68,357	73,749	82,801
Manufacturing	324,142	292,354	302,216	303,994	299,386	313,658	225,003	228,283	245,932	278,616	275,502	281,960
Nondurable goods	73,734	74,144	81,301	87,814	83,554	88,118	124,571	131,625	149,870	175,048	175,044	185,137
Food and kindred products	(D)	10,315	10,964	10,759	11,807	(D)	15,960	17,479	18,994	20,501	22,080	25,934
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	38,262	38,536	46,263	49,229	50,430	52,818
Apparel and other textile products	16,302	(D)	21,884*	24,045*	27,862	35,024	16,087	15,962	21,169	20,312	16,602	18,174
Paper and allied products	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	2,661	(D)	(D)	(D)	4,377	4,197	4,062	3,456	3,572	3,973	4,272	4,307
Chemicals and allied products	16,899*	16,137*	14,571*	15,091*	14,819*	(D)	619	794	1,187	(D)	(D)	(D)
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	3,230	3,224	3,770	5,239	4,824	4,825
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	250,408	218,210	220,915	216,180	215,832	225,540	100,432	96,658	96,062	103,568	100,458	96,823
Lumber and wood products	5,743	4,666	5,034	5,770	6,042	6,786	14,527	12,648	14,057	13,889	13,285	12,971
Furniture and fixtures	5,070	4,173	5,506	7,837	8,250	7,340*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	203,620*	(D)	(D)	154,710*	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	12,891	15,489	17,358	17,453	17,713	17,404	15,701	17,472	19,910	22,491	24,166
Machinery, except electrical	9,272	8,453	9,967	11,021	14,043	14,135	9,213	9,132	7,313	6,310	(D)	7,315
Electric and electronic equipment	424	(D)	(D)	(D)	(D)	(D)	45,231	46,591	44,051	47,276	38,631	30,568
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Motor vehicles and equipment	3,198	2,956*	4,985*	7,677*	5,850*	4,177*	0	0	0	0	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	6,655	(D)	(D)	(D)	1,603	1,680	(D)	2,001	2,283
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)	2,494	0	(D)	(D)	(D)
Transportation and public utilities	41,249	43,111	43,375	46,019	45,191	43,612	62,156	63,917	66,882	67,819	66,905	63,223
Railroad transportation	10,853	10,659	10,955	12,403	12,670	12,898	21,677	22,217	24,170	25,661	23,666	18,918
Trucking and warehousing	12,271	13,301	13,792	16,166	15,463	14,913	15,431	14,433	14,500	15,540	14,749	15,862
Water transportation	(D)	4,712*	4,264*	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	1,058	1,052	(D)	(D)	(D)	3,320	3,709	3,733	3,063	4,656	4,772
Communication	10,171	10,653	10,456	8,803	8,671	8,871	14,796	15,720	16,134	14,691	13,978	12,927
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	6,932	7,838	8,345	8,864	9,856	10,744
Wholesale trade	27,315	29,032	31,253	34,367	38,026	40,490	46,155	42,579	41,624	45,765	49,611	52,558
Retail trade	77,073	77,405	84,496	90,768	97,390	103,653	79,754	80,971	88,652	99,158	105,617	115,928
Finance, insurance, and real estate	22,890	24,176	26,752	29,988	33,419	36,923	28,737	29,764	32,344	35,070	39,336	49,106
Banking and credit agencies	12,450	13,303	14,176	14,778	16,140	17,904	14,500	15,982	17,483	19,022	20,881	23,482
Other finance, insurance, and real estate[9]	10,440	10,873	12,576	15,210	17,279	19,019	14,237	13,782	14,861	16,048	18,455	25,624
Services	104,936	108,245	114,990	124,887	137,816	150,587	107,862	111,556	123,801	141,201	156,428	171,456
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	3,197	6,662	6,716	6,956	6,993	6,915	7,643
Personal services	8,487	8,590	8,530	9,116	10,835	11,270	6,115	6,036	6,671	7,167	8,609	9,631
Private households	2,648	2,828	2,942	3,267	3,295	3,395	4,054	4,380	4,578	5,131	5,194	5,384
Business services	8,008	11,046	9,475	8,965	9,997	12,329	5,567	6,751	8,946	11,626	13,165	15,057
Auto repair, services, and garages	8,948	8,089	8,870	10,269	10,467	10,102	7,217	5,792	6,797	8,106	8,607	9,236
Miscellaneous repair services	3,474	2,976	2,369	2,935	2,827	2,968	1,933	2,053	2,665	2,840	2,757	2,873
Amusement and recreation services	1,453	1,554	1,472	1,473	1,606	1,715	1,423	1,812	1,664	1,638	2,062	2,076
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	38,342	41,187	42,467	44,734	48,557	54,236	43,237	49,824	54,571	60,230	66,336	71,782
Legal services	5,258	5,662	7,130	8,829	9,828	10,821	4,506	4,769	5,526	6,260	6,891	8,238
Educational services	974*	(D)	(D)	(D)	(D)	(D)	693	796	934	1,163	1,240	1,749
Social services	1,273	(D)	(D)	1,509	1,467	1,622	2,519	2,775	2,866	3,208	3,511	3,683
Museums, botanical, zoological gardens	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,877	7,552	7,247	7,347	7,318	7,221	5,048	5,528	5,595	5,719	5,738	5,595
Miscellaneous services	17,289	13,729	18,981	22,361	27,036	29,935	18,590	13,999	15,717	20,787	25,075	28,179
Government and government enterprises	193,969	211,595	217,006	224,355	237,634	241,512	101,322	109,402	117,951	129,397	145,824	157,645
Federal, civilian	96,504	103,827	102,218	103,494	102,821	98,809	12,297	12,582	13,520	14,393	15,283	15,258
Military	4,509	6,130	5,842	6,238	7,051	7,630	3,423	4,122	4,817	5,328	5,683	5,332
State and local	92,956	101,638	108,946	114,623	127,762	135,073	85,602	92,698	99,614	109,676	124,858	137,055

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fort Collins—Loveland, CO (MSA)						Fort Lauderdale—Hollywood—Pompano Beach, FL (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,570,188**	**1,723,389**	**1,870,795**	**2,051,279**	**2,205,327**	**2,337,692**	**14,150,055**	**14,861,979**	**16,239,045**	**17,720,449**	**19,241,875**	**20,710,473**
Nonfarm personal income	1,556,062	1,708,903	1,858,526	2,038,566	2,192,771	2,320,145	14,131,270	14,839,842	16,205,971	17,690,257	19,207,185	20,674,164
Farm income[1]	14,126	14,486	12,269	12,713	12,556	17,547	18,785	22,137	33,074	30,192	34,690	36,309
Population (thousands)[2]	153.3	157.8	162.4	165.9	170.7	174.6	1,052.3	1,071.2	1,087.2	1,101.0	1,120.2	1,142.4
Per capita personal income (dollars)	**10,244**	**10,923**	**11,521**	**12,364**	**12,922**	**13,390**	**13,447**	**13,874**	**14,937**	**16,095**	**17,178**	**18,128**
Derivation of total personal income:												
Total earnings by place of work	1,010,935	1,086,777	1,187,585	1,325,953	1,422,421	1,497,411	6,618,896	6,903,153	7,659,933	8,657,100	9,517,130	10,427,271
Less: Personal contributions for social insurance[3]	54,367	58,781	63,154	71,158	79,249	83,139	353,162	376,941	423,001	486,858	559,510	616,952
Plus: Adjustment for residence	133,091	167,512	169,279	185,333	207,251	231,796	1,482,002	1,531,318	1,723,199	1,691,144	1,773,632	1,776,112
Equals: Net earnings by place of residence	1,089,659	1,195,508	1,293,710	1,440,128	1,550,423	1,646,068	7,747,736	8,057,530	8,960,131	9,861,386	10,731,252	11,586,431
Plus: Dividends, interest, and rent[5]	300,765	322,941	351,039	376,088	401,077	419,034	4,343,057	4,482,648	4,787,101	5,255,403	5,683,870	6,087,513
Plus: Transfer payments	179,764	204,940	226,046	235,063	253,827	272,590	2,059,262	2,321,801	2,491,813	2,603,660	2,826,753	3,036,529
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	813,940	879,422	950,946	1,056,872	1,130,127	1,182,586	5,477,723	5,828,399	6,385,509	7,221,233	7,910,831	8,620,362
Other labor income	70,072	80,117	88,034	94,537	99,762	102,996	487,518	541,671	608,131	664,402	713,554	768,446
Proprietors' income[6]	126,923	127,238	148,605	174,544	192,532	211,829	653,655	533,083	666,293	771,465	892,745	1,038,463
Farm	9,817	10,244	8,151	8,645	8,411	13,376	10,462	12,527	23,716	20,972	25,339	26,922
Nonfarm	117,106	116,994	140,454	165,899	184,121	198,453	643,193	520,556	642,577	750,493	867,406	1,011,541
Earnings by industry:												
Farm	14,126	14,486	12,269	12,713	12,556	17,547	18,785	22,137	33,074	30,192	34,690	36,309
Nonfarm	996,809	1,072,291	1,175,316	1,313,240	1,409,865	1,479,864	6,600,111	6,881,016	7,626,859	8,626,908	9,482,440	10,390,962
Private	760,976	808,373	889,092	1,003,170	1,071,589	1,116,269	5,804,144	6,005,194	6,677,071	7,610,657	8,346,030	9,146,601
Agricultural services, forestry, fisheries, and other[7]	5,346	6,542	8,575	8,859	9,252	9,729	42,573	42,704	48,670	51,023	53,915	57,833
Agricultural services	5,107	6,563	7,952	8,499	8,776	9,176	41,856	42,472	46,941	50,008	51,767	55,566
Forestry, fisheries, and other[7]	239	(L)	623	360	476	553	717	232	1,729	1,015	2,148	2,267
Mining	10,125	10,577	12,061	11,093	12,040	11,859	81,784	68,695	56,244	62,433	91,656	94,259
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	2,734	2,921	3,513	3,635	3,908	4,097
Oil and gas extraction	7,606	(D)	(D)	(D)	9,462	9,877	75,192	61,488	48,137	50,235	78,351	80,965
Metal mining	(D)	(D)	(D)	(D)	(L)	(L)	(L)	−58	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	2,704	3,288	2,971	2,570	1,967	3,863	4,344	4,599	8,573	9,384	9,157
Construction	99,159	103,567	125,640	147,554	143,916	146,062	728,276	629,212	691,303	859,544	930,413	1,003,858
Manufacturing	264,866	282,620	296,488	324,859	344,963	348,656	785,163	833,637	888,955	999,662	1,065,221	1,099,576
Nondurable goods	27,285	27,429	32,064	35,896	36,722	39,010	174,498	177,565	194,694	226,368	254,776	287,926
Food and kindred products	13,420	12,415	12,507	12,290	10,790	9,721	20,469	21,919	24,399	28,500	30,534	34,060
Textile mill products	(L)	(L)	(L)	(D)	(D)	(D)	1,127	775	455	693	787	1,438
Apparel and other textile products	420	(D)	(D)	77	119	(D)	19,516	17,446	18,794	19,720	20,276	23,302
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	1,592	1,848	1,724	2,063	1,892	2,202
Printing and publishing	9,499	11,201	13,702	15,963	17,786	20,801	84,095	91,016	99,512	115,791	137,367	152,501
Chemicals and allied products	867	794	1,889	2,068	2,263	2,655	12,842	13,897	14,645	14,821	15,078	19,438
Petroleum and coal products	53	(D)	(D)	(D)	0	0	3,423	3,738	4,087	5,267	5,121	6,865
Tobacco manufactures	0	0	0	0	0	0	0	(L)	111	(D)	(D)	(D)
Rubber and misc. plastic products	2,606	2,637	3,006	4,647	4,858	4,425	(D)	(D)	(D)	38,468	43,115	45,537
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	237,581	255,191	264,424	288,963	308,241	309,646	610,665	656,072	694,261	773,294	810,445	811,650
Lumber and wood products	10,034	8,502	9,903	10,991	(D)	8,316	18,122	15,420	15,628	17,847	18,342	22,166
Furniture and fixtures	(D)	802	1,061	1,755	1,741	2,060	20,348	21,280	22,471	23,641	30,499	35,151
Primary metal industries	4,266	3,091	1,677	2,089	2,692	3,225	1,923	2,047	1,998	2,658	2,810	3,268
Fabricated metal products	6,346	8,449	8,713	9,974	8,756	7,836	64,025	62,817	65,280	74,268	77,156	78,104
Machinery, except electrical	104,501	114,167	111,947	118,001	133,276	138,681	167,794	184,162	188,235	191,114	216,034	214,859
Electric and electronic equipment	19,629	20,526	31,934	37,275	41,310	45,215	208,952	239,419	264,614	303,160	290,663	264,325
Transportation equip. exc. motor vehicles	0	0	0	(D)	0	(D)	48,581	48,639	51,940	62,573	68,814	79,728
Motor vehicles and equipment	386	(D)	(D)	(D)	524	(D)	8,670	9,756	13,234	14,318	15,681	17,072
Stone, clay, and glass products	7,897	7,568	5,760	10,087	10,647	11,499	32,764	33,103	35,212	41,611	43,764	48,282
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	27,837	26,170	21,851	23,574	26,054	23,971
Miscellaneous manufacturing industries	2,703	3,288	4,299	4,246	5,241	5,640	11,649	13,259	13,798	18,530	20,628	24,724
Transportation and public utilities	41,545	41,420	39,679	44,040	46,326	46,720	444,418	492,818	551,875	592,257	618,919	658,863
Railroad transportation	1,270	1,337	1,432	1,924	2,068	1,624	1,952	1,875	1,908	2,120	2,087	3,167
Trucking and warehousing	10,290	11,286	10,570	15,023	15,364	15,695	54,526	55,851	62,561	77,960	82,309	92,077
Water transportation	(D)	(D)	(D)	(D)	(D)	(L)	27,159	27,682	30,499	33,426	34,968	35,305
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	4,881	(D)	(D)	(D)	137,539	152,085	176,495
Communication	13,771	13,865	12,141	12,067	13,096	13,179	(D)	(D)	(D)	254,569	256,102	248,999
Electric, gas, and sanitary services	10,435	8,601	9,961	10,804	11,372	11,331	75,240	81,041	86,607	86,643	91,368	102,820
Wholesale trade	27,939	31,273	26,713	34,255	38,449	38,286	381,511	423,126	453,914	519,283	584,208	630,024
Retail trade	119,156	124,523	139,958	151,604	161,938	167,810	1,040,046	1,059,200	1,150,995	1,260,169	1,393,664	1,519,893
Finance, insurance, and real estate	40,082	37,269	44,600	52,316	59,485	66,631	590,521	580,721	716,514	743,985	826,301	1,000,223
Banking and credit agencies	18,051	19,995	22,950	24,633	26,973	29,673	200,131	226,877	258,269	304,367	337,877	398,794
Other finance, insurance, and real estate[9]	22,031	17,274	21,650	27,683	32,512	36,958	390,390	353,844	458,245	439,618	488,424	601,429
Services	152,758	171,182	195,378	228,590	255,220	280,516	1,709,852	1,875,081	2,118,601	2,522,301	2,781,733	3,082,072
Hotels and other lodging places	5,461	5,070	7,819	6,765	8,161	10,044	104,466	111,110	121,708	140,835	152,849	165,238
Personal services	11,338	12,509	14,368	14,636	17,996	18,952	73,530	75,190	83,668	97,442	114,074	132,466
Private households	3,304	3,627	3,843	4,306	4,364	4,509	51,814	56,950	60,580	68,974	70,969	74,649
Business services	26,756	32,274	39,596	49,940	58,385	66,879	252,417	290,026	337,110	410,865	461,109	536,228
Auto repair, services, and garages	9,427	9,540	10,785	14,358	15,782	16,543	77,283	71,312	88,490	105,459	118,991	130,449
Miscellaneous repair services	3,926	4,166	5,362	6,226	5,597	5,539	39,978	39,563	43,138	49,760	43,294	51,236
Amusement and recreation services	3,126	3,478	3,630	4,605	5,160	5,498	69,774	78,874	84,121	95,012	97,937	103,927
Motion pictures	(D)	496	607	799	1,570	2,216	8,077	9,304	10,110	9,923	(D)	12,506
Health services	44,985	56,200	61,614	67,805	71,394	77,978	536,294	622,951	699,679	794,043	866,043	935,939
Legal services	7,285	8,531	9,127	11,732	13,390	14,517	136,022	159,747	185,397	232,512	258,801	289,513
Educational services	1,153	1,170	1,148	1,738	2,159	2,315	43,136	45,625	52,909	61,294	68,687	79,542
Social services	1,962	(D)	(D)	(D)	5,717	6,114	36,632	35,706	40,525	47,722	56,000	61,203
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	0	0	656	623	636	688	(D)	1,334
Membership organizations	9,671	11,381	10,970	12,020	12,701	12,978	57,229	63,243	70,732	98,241	98,093	103,581
Miscellaneous services	23,882	20,410	23,498	29,302	32,844	36,434	222,544	214,857	239,798	309,531	362,342	404,261
Government and government enterprises	235,833	263,318	286,224	310,070	338,276	363,595	795,967	875,822	949,788	1,016,251	1,136,410	1,244,361
Federal, civilian	37,135	41,128	43,764	46,844	48,637	50,534	88,793	93,698	102,763	113,388	127,520	134,061
Military	3,477	4,504	5,284	5,398	5,714	6,206	9,984	11,954	13,072	14,198	15,840	17,210
State and local	195,221	217,686	237,176	257,828	283,925	306,855	697,190	770,170	833,953	888,665	993,050	1,093,090

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fort Myers—Cape Coral, FL (MSA)						Fort Pierce, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,487,754**	**2,649,277**	**2,983,711**	**3,350,801**	**3,786,399**	**4,145,692**	**1,906,675**	**2,070,874**	**2,319,405**	**2,509,282**	**2,793,550**	**2,999,732**
Nonfarm personal income	2,462,725	2,621,743	2,948,028	3,315,228	3,748,364	4,104,540	1,808,545	1,968,387	2,177,770	2,402,507	2,676,051	2,899,287
Farm income[1]	25,029	27,534	35,683	35,573	38,035	41,152	98,130	102,487	141,635	106,775	117,499	100,445
Population (thousands)[2]	218.8	230.8	241.5	255.2	266.8	279.1	164.2	174.4	182.6	191.3	198.6	205.6
Per capita personal income (dollars)	**11,369**	**11,479**	**12,353**	**13,132**	**14,190**	**14,854**	**11,610**	**11,874**	**12,699**	**13,117**	**14,064**	**14,587**
Derivation of total personal income:												
Total earnings by place of work	1,261,361	1,301,728	1,473,029	1,667,340	1,875,067	2,107,600	1,027,235	1,089,551	1,210,690	1,254,942	1,366,335	1,493,763
Less: Personal contributions for social insurance[3]	66,143	70,674	80,092	92,521	109,294	123,063	49,980	54,834	59,916	65,387	74,313	82,922
Plus: Adjustment for residence	17,575	18,978	24,376	26,791	30,139	27,709	41,273	24,160	61,562	85,439	109,306	96,534
Equals: Net earnings by place of residence	1,212,793	1,250,032	1,417,313	1,601,610	1,795,912	2,012,246	1,018,528	1,058,877	1,212,336	1,274,994	1,401,328	1,507,375
Plus: Dividends, interest, and rent[5]	789,577	835,539	945,716	1,084,778	1,252,786	1,344,121	575,979	647,907	700,159	796,784	906,413	971,484
Plus: Transfer payments	485,384	563,706	620,682	664,413	737,701	789,325	312,168	364,090	406,910	437,504	485,809	520,873
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	981,062	1,045,104	1,157,790	1,318,105	1,473,271	1,652,885	762,783	833,023	882,330	941,817	1,019,597	1,132,567
Other labor income	86,317	95,228	108,804	120,242	132,790	146,463	71,533	80,960	87,916	89,964	95,291	104,662
Proprietors' income[6]	193,982	161,396	206,435	228,993	269,006	308,252	192,919	175,568	240,444	223,161	251,447	256,534
Farm	13,788	14,882	23,433	23,593	25,877	28,969	76,964	79,069	118,897	84,466	94,852	77,685
Nonfarm	180,194	146,514	183,002	205,400	243,129	279,283	115,955	96,499	121,547	138,695	156,595	178,849
Earnings by industry:												
Farm	25,029	27,534	35,683	35,573	38,035	41,152	98,130	102,487	141,635	106,775	117,499	100,445
Nonfarm	1,236,332	1,274,194	1,437,346	1,631,767	1,837,032	2,066,448	929,105	987,064	1,069,055	1,148,167	1,248,836	1,393,318
Private	1,075,285	1,087,092	1,228,426	1,400,685	1,584,606	1,784,459	829,614	872,957	941,479	1,006,108	1,085,740	1,208,696
Agricultural services, forestry, fisheries, and other[7]	20,020	19,378	23,858	22,466	32,261	34,876	45,736	46,393	50,469	50,609	56,219	56,858
Agricultural services	11,259	12,218	13,121	15,148	15,687	16,102	45,140	45,980	49,338	50,210	54,475	54,921
Forestry, fisheries, and other[7]	8,761	7,160	10,737	7,318	16,574	18,774	596	413	1,131	399	1,744	1,937
Mining	18,356	14,190	11,945	14,765	22,734	21,729	13,085	12,407	10,265	10,699	17,116	18,014
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)	16,525
Metal mining	0	(L)	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,458
Construction	199,252	178,592	196,210	240,113	261,904	285,902	189,920	195,635	178,031	172,889	158,715	179,493
Manufacturing	62,064	65,254	70,121	81,805	88,713	103,910	85,572	90,545	93,891	105,826	118,568	129,626
Nondurable goods	21,551	24,643	27,323	29,815	33,392	39,799	33,071	35,105	37,781	41,378	45,020	47,972
Food and kindred products	5,705	7,479	7,588	7,949	8,800	10,044	13,564*	14,105*	15,130*	15,845*	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,344	1,520	1,488	1,469	1,774	2,548	(D)	(D)	(D)	(D)	(D)	585*
Paper and allied products	0	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Printing and publishing	10,694	12,081	14,162	15,991	17,026	19,706	10,207	11,885	13,280	15,390	16,654	17,507
Chemicals and allied products	1,933	1,881	2,481	2,885	3,189	4,663	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	570	345	212	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	1,045	1,075	971	1,287	2,402	2,631	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0
Durable goods	40,513	40,611	42,798	51,990	55,321	64,111	52,501	55,440	56,110	64,448	73,548	81,654
Lumber and wood products	4,761	3,382	3,763	4,254	4,567	5,728	2,064	1,826	2,849	4,494	5,593	6,552
Furniture and fixtures	(D)	(D)	(D)	256	334	590	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,998	5,726	5,923	7,877	8,414	9,494	1,513	(D)	(D)	1,105	2,126	2,485
Machinery, except electrical	4,590	5,496	5,665	6,742	7,499	9,496	2,676	3,763	4,595	5,505	6,704	7,021
Electric and electronic equipment	1,603	1,457	1,726	2,189	2,070	3,465	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	2,263	2,387	2,711	3,161	4,071	4,918	(D)	(D)	(D)	(D)	39,474	45,580
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	13,522	11,805	13,185	16,743	18,324	19,136	5,050	(D)	(D)	7,933	8,918	8,139
Instruments and related products	(D)	(D)	(D)	(D)	(D)	9,793	1,325	1,609	2,251	3,569	3,486*	3,497
Miscellaneous manufacturing industries	471	438	371	509	865	1,261	(D)	(D)	(D)	437	(D)	(D)
Transportation and public utilities	85,609	95,126	106,222	113,447	120,763	130,900	77,294	86,614	96,138	104,055	108,318	112,933
Railroad transportation	459	528	625	656	585	481	1,947	1,856	1,873	2,188	2,418	2,010
Trucking and warehousing	(D)	18,786	21,141	23,417	23,498	25,492	(D)	(D)	(D)	22,260	(D)	(D)
Water transportation	2,071	1,963	2,189	2,297	2,734	2,813	2,968	3,188	2,729	3,761	3,750	(D)
Other transportation[8]	7,682	8,938	11,292	11,960	12,833	16,547	(D)	(D)	(D)	(D)	(D)	(D)
Communication	37,163	40,862	44,119	46,638	50,542	52,636	(D)	(D)	(D)	27,175	27,339	26,901
Electric, gas, and sanitary services	(D)	24,049	26,856	28,479	30,571	32,931	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	71,479	62,971	68,558	78,208	89,169	94,296	30,851	30,675	32,047	35,541	41,763	41,529
Retail trade	206,926	215,205	249,042	279,559	320,878	357,596	125,795	133,812	148,494	168,956	186,768	212,721
Finance, insurance, and real estate	107,752	99,493	117,971	119,317	131,394	167,546	60,517	50,329	65,801	67,110	74,492	95,618
Banking and credit agencies	31,140	34,359	38,287	41,350	44,061	49,616	17,270	(D)	(D)	(D)	(D)	39,194
Other finance, insurance, and real estate[9]	76,612	65,134	79,684	77,967	87,333	117,930	43,247	(D)	(D)	(D)	(D)	56,424
Services	303,827	336,883	384,499	451,005	516,790	587,704	200,844	226,547	266,343	290,423	323,781	361,904
Hotels and other lodging places	25,115	26,087	28,030	31,087	33,777	41,980	6,888	(D)	(D)	(D)	(D)	(D)
Personal services	17,801	19,065	20,958	22,993	29,512	32,061	8,319	9,246	10,769	11,434	14,483	16,211
Private households	8,516	9,354	9,951	11,330	11,661	12,264	(D)	13,789	14,672	16,716	17,193	18,087
Business services	31,214	35,762	43,006	50,536	60,776	73,146	19,774	25,535	32,949	35,931	39,081	46,623
Auto repair, services, and garages	15,561	15,625	18,540	22,261	24,850	29,250	7,463	7,186	8,717	10,651	12,336	14,441
Miscellaneous repair services	5,617	5,957	6,941	9,055	7,943	9,330	5,023	5,396	6,123	7,552	6,044	6,919
Amusement and recreation services	8,135	11,063	10,796	11,590	14,856	15,376	6,607	7,672	8,303	10,022	12,712	13,441
Motion pictures	628	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	93,660	110,885	128,021	150,111	165,843	188,228	66,003	80,216	93,758	106,781	116,615	131,901
Legal services	18,554	22,499	25,783	30,236	33,307	38,489	10,964	11,927	12,891	15,995	18,334	23,117
Educational services	2,646	2,870	3,074	3,384	3,714	4,048	5,153	5,521	6,134	6,776	6,927	7,278
Social services	7,914	9,218	11,194	13,278	19,315	21,778	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	11,633	13,177	15,649	19,675	19,965	20,778	7,709	8,838	11,028	14,012	15,095	17,238
Miscellaneous services	56,833	54,513	61,560	74,257	89,924	99,607	41,777	41,147	43,728	37,219	46,594	49,171
Government and government enterprises	161,047	187,102	208,920	231,082	252,426	281,989	99,491	114,107	127,576	142,059	163,096	184,622
Federal, civilian	19,657	21,022	23,647	26,112	29,270	30,479	9,357	10,222	11,349	12,773	15,044	16,261
Military	2,346	2,822	3,168	3,531	3,991	4,359	3,264	3,869	4,373	4,771	5,123	5,555
State and local	139,044	163,258	182,105	201,439	219,165	247,151	86,870	100,016	111,854	124,515	142,929	162,806

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fort Smith, AR—OK (MSA)						Fort Walton Beach, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,407,140**	**1,473,586**	**1,575,099**	**1,721,780**	**1,843,184**	**1,961,216**	**1,021,235**	**1,121,221**	**1,251,601**	**1,376,394**	**1,503,319**	**1,642,097**
Nonfarm personal income	1,388,311	1,455,368	1,559,346	1,696,769	1,816,621	1,923,489	1,020,407	1,120,513	1,251,191	1,375,523	1,502,751	1,641,586
Farm income[1]	18,829	18,218	15,753	25,011	26,563	37,727	828	708	410	871	568	511
Population (thousands)[2]	164.7	164.5	167.4	170.9	173.5	176.0	114.6	118.7	124.5	129.8	135.1	141.3
Per capita personal income (dollars)	**8,541**	**8,959**	**9,409**	**10,078**	**10,626**	**11,145**	**8,911**	**9,443**	**10,049**	**10,605**	**11,128**	**11,620**
Derivation of total personal income:												
Total earnings by place of work	1,101,571	1,114,534	1,222,364	1,373,152	1,465,062	1,578,076	750,997	820,311	912,349	1,008,347	1,082,975	1,188,112
Less: Personal contributions for social insurance[3]	66,566	70,531	78,445	88,184	98,985	106,987	38,328	42,804	47,995	53,924	59,459	66,125
Plus: Adjustment for residence	−89,987	−76,085	−96,654	−115,044	−124,471	−140,529	−34,058	−37,221	−41,115	−46,782	−50,619	−54,322
Equals: Net earnings by place of residence	945,018	967,918	1,047,265	1,169,924	1,241,606	1,330,560	678,611	740,286	823,239	907,641	972,897	1,067,665
Plus: Dividends, interest, and rent[5]	211,484	232,368	239,589	259,622	285,140	298,410	123,877	132,572	154,324	184,246	208,693	232,398
Plus: Transfer payments	250,638	273,300	288,245	292,234	316,438	332,246	218,747	248,363	274,038	284,507	321,729	342,034
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	880,066	887,376	973,566	1,089,940	1,159,721	1,238,926	662,924	729,053	800,536	881,515	941,377	1,031,724
Other labor income	94,383	99,396	110,386	118,956	124,397	132,907	35,500	40,438	47,686	53,566	58,267	62,930
Proprietors' income[6]	127,122	127,762	138,412	164,256	180,944	206,243	52,573	50,820	64,127	73,266	83,331	93,458
Farm	15,888	15,033	12,674	21,975	23,494	34,647	384	189	−95	373	63	(L)
Nonfarm	111,234	112,729	125,738	142,281	157,450	171,596	52,189	50,631	64,222	72,893	83,268	93,454
Earnings by industry:												
Farm	18,829	18,218	15,753	25,011	26,563	37,727	828	708	410	871	568	511
Nonfarm	1,082,742	1,096,316	1,206,611	1,348,141	1,438,499	1,540,349	750,169	819,603	911,939	1,007,476	1,082,407	1,187,601
Private	968,892	983,504	1,088,346	1,219,490	1,301,257	1,394,917	360,952	392,099	461,184	532,220	593,115	661,578
Agricultural services, forestry, fisheries, and other[7]	2,114	2,170	2,768	2,674	2,590	2,891	3,070	2,844	4,333	3,446	6,492	7,281
Agricultural services	(D)	2,172	2,633	2,587	2,510	2,796	1,807	1,897	2,057	2,456	2,916	3,181
Forestry, fisheries, and other[7]	(D)	(L)	135	87	80	95	1,263	947	2,276	990	3,576	4,100
Mining	26,554	32,542	32,331	36,722	39,321	33,317	1,773	1,231	1,120	1,143	1,938	1,928
Coal mining	926	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	23,055*	29,306*	29,098*	33,356*	35,901*	28,714*	(D)	1,225	1,120	(D)	(D)	(D)
Metal mining	(D)	−145	(L)	−119	163	461	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	(D)	(D)	(D)
Construction	64,079	67,277	69,121	86,768	89,274	95,233	41,203	45,326	60,664	78,202	73,827	71,636
Manufacturing	362,749	348,250	413,422	467,741	496,121	543,048	46,101	47,849	55,081	71,131	79,928	96,108
Nondurable goods	122,441	127,809	138,954	152,598	170,994	190,254	8,044	8,663	9,876	10,747	12,414	13,450
Food and kindred products	58,565*	63,172*	65,534*	72,536*	84,105*	94,786*	75	70	69	88	101	125
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	3,632	2,649	2,373	3,209	3,415*	3,315*	4,231	4,437	5,179	5,424	5,983	6,603
Paper and allied products	25,975	25,103*	27,764*	29,804*	31,245*	33,914*	0	0	0	0	0	0
Printing and publishing	13,232*	14,562*	16,039*	17,336*	19,123*	20,724*	(D)	2,142	2,504	2,926	3,699	4,057
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Petroleum and coal products	0	0	0	0	0	0	1,154	1,327	1,523	1,739	2,050	2,053
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	12,572*	16,320*	18,566*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	0	0
Durable goods	240,308	220,441	274,468	315,143	325,127	352,794	38,057	39,186	45,205	60,384	67,514	82,658
Lumber and wood products	(D)	3,547*	4,414*	5,177*	5,470	5,700*	4,878	3,785	4,615	5,237	5,924	5,991
Furniture and fixtures	45,843	39,807	44,145	46,159	43,845	46,428*	(D)	(L)	0	0	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	10,894*	(D)	10,546*	12,385*	13,543*	13,048*	3,041	(D)	(D)	(D)	6,097	(D)
Machinery, except electrical	51,385*	43,314*	49,140*	58,054*	63,062*	73,624*	1,849	2,422	2,519	2,973	3,004	3,123
Electric and electronic equipment	84,998*	77,929*	111,384*	129,131*	130,037*	143,340*	10,880	15,303	17,520	25,329	32,888	42,353
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,659	10,463	(D)	9,268	11,165
Motor vehicles and equipment	12,523	(D)	(D)	(D)	(D)	(D)	51	(L)	0	0	0	(D)
Stone, clay, and glass products	11,798*	12,961*	15,549*	(D)	17,239*	14,958*	810	1,021	1,287	1,588	1,667	1,826
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	5,157*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,383	(D)	(D)
Transportation and public utilities	77,298	83,997	86,900	95,795	99,233	106,793	27,743	29,379	31,452	33,445	36,806	39,298
Railroad transportation	11,042	11,337	11,988	12,615	11,570	9,264	1,139	1,085	1,095	1,282	1,415	332
Trucking and warehousing	35,960	38,056	38,509	44,640	48,379	56,760	7,770	8,491	9,802	11,379	11,402	11,687
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	360	559	608	628	581
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,028	2,034	2,791	2,801	3,213	3,503
Communication	16,823	19,396	20,407	19,684	19,971	20,109	12,510	12,957	12,448	12,258	14,453	17,179
Electric, gas, and sanitary services	9,279*	11,654	11,965	14,148	14,881	15,589	(D)	4,452	4,757	5,117	5,695	6,016
Wholesale trade	58,656	63,958	66,387	71,165	75,265	74,873	10,080	11,171	12,896	15,140	16,642	16,886
Retail trade	115,786	118,254	128,846	140,330	151,537	156,728	78,290	86,627	100,099	112,195	123,984	136,495
Finance, insurance, and real estate	39,541	39,734	44,784	50,742	56,028	64,095	25,113	27,573	32,884	36,826	43,766	54,765
Banking and credit agencies	17,454	(D)	(D)	(D)	(D)	(D)	10,236	10,962	12,706	14,498	17,148	21,397
Other finance, insurance, and real estate[9]	22,087	(D)	(D)	26,344*	(D)	(D)	14,877	16,611	20,178	22,328	26,618	33,368
Services	222,115	227,322	243,787	267,553	291,888	317,939	127,579	140,099	162,655	180,692	209,732	237,181
Hotels and other lodging places	4,875	4,225	5,186	5,181	4,915*	(D)	9,995	10,906	14,631	14,504	13,760	13,244
Personal services	11,944	13,002	14,651	16,063	20,029	20,932	5,342	5,385	6,534	7,764	10,070	10,873
Private households	3,334	3,595	3,769	4,201	4,214	4,330	3,016	3,303	3,513	3,984	4,102	4,310
Business services	32,711	31,650	31,059	38,202	45,764	54,202	12,719	14,770	18,844	22,807	28,910	37,094
Auto repair, services, and garages	12,994	12,179	13,343	15,813	17,727	18,901	5,591	6,177	7,630	9,134	10,941	11,422
Miscellaneous repair services	5,487	5,862	5,889	6,730	6,867	7,127	2,519	2,432	2,795	3,612	3,685	4,721
Amusement and recreation services	(D)	2,081*	2,289*	3,069	(D)	(D)	2,685	3,266	3,434	3,760	4,629	5,018
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	107,506	115,161	123,928	129,583	132,227	141,596	32,326	36,169	40,388	43,771	51,341	58,647
Legal services	9,843	11,856	13,295	15,194	17,204	18,669	4,311	5,027	6,173	7,792	9,070	9,818
Educational services	1,516*	1,482*	1,733*	1,943	2,196	2,366	773	847	900	1,053	1,087	1,187
Social services	7,098	6,185	6,698	7,134	7,719	8,527	1,865	2,559	3,591	4,406	4,522	5,390
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	8,763	9,359	9,917	10,703	10,759	4,787	5,337	6,370	8,352	8,845	9,593
Miscellaneous services	13,773	10,864	11,667	14,180	16,774	18,004	41,307	43,608	47,529	49,217	58,269	65,307
Government and government enterprises	113,850	112,812	118,265	128,651	137,242	145,432	389,217	427,504	450,755	475,256	489,292	526,023
Federal, civilian	41,093	33,087	31,389	33,960	36,413	37,016	127,669	129,439	129,437	133,055	133,014	135,532
Military	3,744	4,197	5,072	5,238	5,476	6,036	201,604	233,898	251,418	266,019	271,935	295,509
State and local	69,013	75,528	81,804	89,453	95,353	102,380	59,944	64,167	69,900	76,182	84,343	94,982

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fort Wayne, IN (MSA)						Fort Worth—Arlington, TX (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,762,082**	**3,805,933**	**3,946,934**	**4,366,524**	**4,709,120**	**5,130,861**	**12,102,927**	**13,283,211**	**14,498,792**	**16,322,323**	**18,155,755**	**18,860,617**
Nonfarm personal income	3,745,125	3,796,036	3,951,442	4,340,199	4,692,383	5,095,653	12,086,163	13,252,168	14,456,173	16,293,483	18,122,706	18,822,815
Farm income[1]	16,957	9,897	−4,508	26,325	16,737	35,208	16,764	31,043	42,619	28,840	33,049	37,802
Population (thousands)[2]	352.1	350.0	348.1	348.9	351.8	356.1	1,011.3	1,068.9	1,111.4	1,151.3	1,203.6	1,253.9
Per capita personal income (dollars)	**10,684**	**10,874**	**11,337**	**12,516**	**13,387**	**14,409**	**11,968**	**12,427**	**13,045**	**14,177**	**15,084**	**15,041**
Derivation of total personal income:												
Total earnings by place of work	3,090,330	3,016,798	3,115,674	3,498,522	3,824,085	4,257,009	8,575,997	9,086,997	9,956,668	11,265,336	12,409,213	12,792,544
Less: Personal contributions for social insurance[3]	173,274	177,200	176,846	199,037	229,248	256,948	444,547	479,933	533,217	606,710	700,192	729,287
Plus: Adjustment for residence	−222,754	−203,216	−194,468	−203,491	−223,558	−276,239	1,159,919	1,504,805	1,702,949	1,993,625	2,363,616	2,504,707
Equals: Net earnings by place of residence	2,694,302	2,636,382	2,744,360	3,095,994	3,371,279	3,723,822	9,291,369	10,111,869	11,126,400	12,652,251	14,072,637	14,567,964
Plus: Dividends, interest, and rent[4]	630,018	680,297	682,146	740,848	786,601	824,447	1,601,039	1,799,754	1,884,804	2,133,731	2,391,868	2,475,900
Plus: Transfer payments	437,762	489,254	520,428	529,682	551,240	582,592	1,210,519	1,371,588	1,487,588	1,536,341	1,691,250	1,816,753
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,592,433	2,534,975	2,613,788	2,917,471	3,205,557	3,551,527	6,985,879	7,426,146	8,059,075	9,134,109	10,067,620	10,338,439
Other labor income	298,164	299,078	306,425	324,166	345,387	383,696	762,236	818,737	898,209	965,639	1,033,837	1,061,324
Proprietors' income[6]	199,733	182,745	195,461	256,885	273,141	321,786	827,882	840,114	999,384	1,165,588	1,307,756	1,392,781
Farm	11,142	3,288	−10,909	19,989	10,319	28,738	10,832	24,409	36,218	22,528	26,659	31,387
Nonfarm	188,591	179,457	206,370	236,896	262,822	293,048	817,050	815,705	963,166	1,143,060	1,281,097	1,361,394
Earnings by industry:												
Farm	16,957	9,897	−4,508	26,325	16,737	35,208	16,764	31,043	42,619	28,840	33,049	37,802
Nonfarm	3,073,373	3,006,901	3,120,182	3,472,197	3,807,348	4,221,801	8,559,233	9,055,954	9,914,049	11,236,496	12,376,164	12,754,742
Private	2,809,093	2,735,050	2,833,904	3,168,544	3,480,733	3,871,958	7,559,196	7,938,750	8,709,274	9,929,016	10,922,194	11,222,369
Agricultural services, forestry, fisheries, and other[7]	9,078	9,595	10,561	10,870	10,850	12,990	27,799	32,756	38,935	41,718	45,755	46,951
Agricultural services	9,037	9,591	10,453	10,809	10,771	12,871	27,346	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(L)	(L)	108	61	79	119	453	542*	1,781*	1,712*	1,790*	645*
Mining	11,300*	10,279	8,646	9,102	12,538	12,745	205,472	236,723	214,096	223,032	228,788	204,660
Coal mining	74	74	79	97	104	108	292	221	187	249	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	199,017*	228,689*	205,036*	213,514*	215,812*	195,091*
Metal mining	0	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	150
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,407*	6,241*	7,136*	(D)	(D)
Construction	163,210*	142,085	147,636	178,680	217,075	267,222	601,475	641,329	795,092	955,152	1,076,934	1,044,799
Manufacturing	1,188,932	1,107,715	1,114,056	1,248,350	1,341,253	1,473,339	2,521,468	2,453,572	2,567,701	2,877,135	3,217,221	3,278,133
Nondurable goods	228,797	238,770	258,621	297,404	306,656	306,555	586,634	605,852	618,905	682,639	715,381	735,796
Food and kindred products	76,250*	83,081*	82,210*	88,162*	89,766*	72,489*	163,204*	167,161*	170,404*	180,944*	179,139*	187,418*
Textile mill products	0	0	0	0	0	(D)	4,238*	4,985*	5,679*	5,560*	5,559*	5,637*
Apparel and other textile products	(D)	(D)	(D)	2,563	2,423*	(D)	36,650*	35,362*	32,111*	34,507*	34,395*	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	47,146*	48,858*	52,498*	59,303*	57,974*	57,291*
Printing and publishing	(D)	(D)	(D)	(D)	(D)	41,648*	104,638*	112,716	120,970	137,414	146,979	156,589
Chemicals and allied products	5,003	4,650*	5,004*	5,533*	5,790*	5,699*	59,491	(D)	57,627*	(D)	(D)	95,833*
Petroleum and coal products	7,628	8,189	9,027	10,564	10,959	6,146	27,049	(D)	24,903*	22,215*	23,472	24,037
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	85,169*	88,129*	102,274*	129,652*	128,047*	147,690	105,969*	115,975	118,113	139,537	143,633*	147,455
Leather and leather products	(D)	(D)	(D)	399	306	(D)	30,612*	26,217*	22,882*	19,489*	20,301*	17,852*
Durable goods	960,135	868,945	855,435	950,946	1,034,597	1,166,784	1,934,834	1,847,720	1,948,796	2,194,496	2,501,840	2,542,337
Lumber and wood products	10,124	9,318	9,923	12,531	14,113	16,890	57,779	60,794	70,225	79,183*	83,580*	71,443
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	25,002	29,740	32,023	37,406	35,110	37,077*
Primary metal industries	103,694*	101,487*	108,041*	121,981*	125,579*	126,256*	59,090*	43,736*	38,170*	40,275*	38,149*	35,207*
Fabricated metal products	68,158	65,573	69,882	87,105	95,150	99,400	192,367*	162,779*	160,704*	172,184*	194,156*	170,868*
Machinery, except electrical	139,637	128,063	124,423	155,850	156,740	161,064	368,175	350,676	317,279	376,120	487,654	468,304
Electric and electronic equipment	251,499	253,446	255,514	292,824	351,631	367,810*	68,175	65,362*	69,687*	109,228	140,246	147,413
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	4,921	4,113	(D)	825,060*	802,669*	843,052*	894,576*	1,028,553*	1,201,695*
Motor vehicles and equipment	333,806	251,291*	221,511*	200,945*	205,110*	295,489	192,807*	172,243*	232,355*	268,744*	277,362*	185,052*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	57,114	63,209	75,696	90,194	98,659	96,816
Instruments and related products	(D)	(D)	(D)	(D)	10,874*	(D)	33,323*	37,302*	41,779*	48,023*	42,037*	47,035*
Miscellaneous manufacturing industries	(D)	(D)	10,878*	14,554*	15,124*	16,526*	53,413	45,788	52,420	68,813	73,529	70,130
Transportation and public utilities	257,475	263,182	260,349	296,393	319,888	340,070	725,585	698,390	736,524	847,800	895,352	901,857
Railroad transportation	39,403	(D)	(D)	(D)	(D)	(D)	120,430	(D)	(D)	134,725	136,313	133,271
Trucking and warehousing	(D)	97,689	99,453	121,195	130,329	135,486	132,813*	139,712	138,707	160,201	162,438	167,202
Water transportation	(L)	(L)	(L)	(L)	(L)	0	375	442	412	406	457	273
Other transportation[8]	6,703*	6,703*	6,782*	16,650*	21,193	28,073	238,947*	184,944	210,723	270,823*	311,896	313,820
Communication	(D)	(D)	(D)	(D)	(D)	(D)	140,193	(D)	(D)	167,019*	170,780	166,372
Electric, gas, and sanitary services	41,050*	47,908*	46,642*	46,721*	52,110	57,447	83,161*	93,974*	101,108*	111,392	113,468	120,919
Wholesale trade	213,262	205,687	213,668	250,414	273,553	300,005	633,964	671,572	697,626	773,512	844,751	889,075
Retail trade	287,538	291,395	309,405	328,818	354,310	389,137	1,015,361	1,119,005	1,277,848	1,419,307	1,500,779	1,542,341
Finance, insurance, and real estate	192,893	194,589	213,852	228,398	255,882	306,952	402,811	441,918	530,061	629,245	702,346	769,697
Banking and credit agencies	45,385*	46,066*	49,318*	56,320	62,382	69,294*	140,902*	165,934*	197,505*	225,231*	253,278	276,440
Other finance, insurance, and real estate[9]	144,061*	145,189*	160,771*	172,078	193,500	231,513*	255,999*	269,462*	325,446*	395,308*	449,068	493,257
Services	478,606	510,523	555,731	617,519	695,384	769,498	1,425,261	1,643,485	1,851,391	2,162,115	2,410,268	2,544,856
Hotels and other lodging places	9,959	9,110*	9,031*	9,845*	12,383*	14,236*	51,531*	53,559*	59,720*	66,347	74,257	79,425
Personal services	29,745	31,273	33,949	36,841	43,299	47,595	102,266	117,980	128,924	143,269	177,207	179,612
Private households	4,341	4,629	4,786	5,315	5,312	5,442	34,587*	39,248	41,863	47,131	48,002	50,026
Business services	67,204	69,436	78,221	94,747	112,941	133,502	238,033	292,282	348,134	441,495	506,756	542,369
Auto repair, services, and garages	31,937	30,132	36,983	39,472	40,232	44,738	90,891	91,510	100,040	119,473	132,799	133,348
Miscellaneous repair services	6,979	7,253	8,462	10,160	11,357	12,228	26,926	29,284	34,740	40,870	39,602	41,687
Amusement and recreation services	8,372*	9,220	10,015	10,707	11,881	12,560	50,157*	52,362	56,880	71,688	83,805	88,688
Motion pictures	962*	1,049	1,083	1,294*	2,015	2,207*	(D)	4,619*	4,251*	5,567	6,385	6,723
Health services	212,523	237,283	252,514	269,118	299,920	327,784	462,620	557,603	625,396	676,543	724,609	767,194
Legal services	28,618	30,145	33,932	40,161	43,750	47,908	67,589	82,408	99,462	122,211	147,381	163,007
Educational services	14,214*	17,921	18,925	20,577	22,173	22,379*	44,802*	52,161*	58,772*	72,713	75,832	81,559
Social services	13,158*	12,988*	14,151*	15,844*	16,915*	18,554*	26,476	30,292	32,838	38,577	44,479	49,442
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,735	4,465	5,107	5,761	6,317
Membership organizations	21,375	22,914	23,419	24,095	25,071	25,404	58,534	67,857	73,819	79,217	84,505	88,199
Miscellaneous services	27,924	26,048	29,025	37,885	46,620	51,865	161,094	165,600	179,090	231,907	258,888	267,260
Government and government enterprises	264,280	271,851	286,278	303,653	326,615	349,843	1,000,037	1,117,204	1,204,775	1,307,480	1,453,970	1,532,373
Federal, civilian	47,269	48,908	50,470	52,139	54,820	55,911	278,334	291,253	317,888	341,394	377,643	376,670
Military	6,487	7,309	8,997	8,344	9,614	11,214	93,148	110,583	114,239	119,761	129,179	134,820
State and local	210,524	215,634	226,811	243,170	262,181	282,718	628,555	715,368	772,648	846,325	947,148	1,020,883

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Fresno, CA (MSA)						Gadsden, AL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**5,791,543**	**5,943,796**	**6,250,644**	**6,813,421**	**7,444,708**	**7,872,583**	**867,357**	**874,959**	**924,919**	**1,000,844**	**1,045,484**	**1,076,790**
Nonfarm personal income	5,227,314	5,464,892	5,845,262	6,341,628	6,791,900	7,280,776	856,653	867,229	917,558	993,532	1,039,292	1,067,956
Farm income[1]	564,229	478,904	405,382	471,793	652,808	591,807	10,704	7,730	7,361	7,312	6,192	8,834
Population (thousands)[2]	527.1	538.4	551.4	565.6	576.0	587.6	103.6	102.6	102.3	103.1	102.2	102.3
Per capita personal income (dollars)	**10,988**	**11,039**	**11,336**	**12,047**	**12,925**	**13,397**	**8,372**	**8,531**	**9,044**	**9,710**	**10,234**	**10,525**
Derivation of total personal income:												
Total earnings by place of work	4,211,418	4,239,840	4,438,925	4,869,152	5,368,322	5,627,695	648,979	616,334	650,931	711,657	736,403	752,239
Less: Personal contributions for social insurance[3]	200,200	212,962	236,538	259,535	290,507	310,640	38,446	38,327	40,218	44,745	48,158	46,921
Plus: Adjustment for residence	−92,751	−96,429	−95,260	−89,859	−92,594	−100,876	−336	7,674	5,152	3,445	7,987	4,093
Equals: Net earnings by place of residence	3,918,467	3,930,449	4,107,127	4,519,758	4,985,221	5,216,179	610,197	585,681	615,865	670,357	696,232	709,411
Plus: Dividends, interest, and rent[5]	925,735	956,166	1,002,628	1,077,761	1,119,634	1,202,410	100,681	111,650	117,719	131,202	140,328	148,472
Plus: Transfer payments	947,341	1,057,181	1,140,889	1,215,902	1,339,853	1,453,994	156,479	177,628	191,335	199,285	208,924	218,907
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,047,749	3,166,675	3,319,408	3,577,940	3,816,798	4,048,546	524,925	502,372	528,262	578,280	596,482	603,768
Other labor income	282,117	307,550	335,488	353,123	365,523	382,008	66,634	63,167	66,099	69,282	70,266	69,575
Proprietors' income[6]	881,552	765,615	784,029	938,089	1,186,001	1,197,141	57,420	50,795	56,570	64,095	69,655	78,896
Farm	396,924	275,302	203,945	278,695	464,150	398,375	10,101	6,998	6,657	6,622	5,490	8,131
Nonfarm	484,628	490,313	580,084	659,394	721,851	798,766	47,319	43,797	49,913	57,473	64,165	70,765
Earnings by industry:												
Farm	564,229	478,904	405,382	471,793	652,808	591,807	10,704	7,730	7,361	7,312	6,192	8,834
Nonfarm	3,647,189	3,760,936	4,033,543	4,397,359	4,715,514	5,035,888	638,275	608,604	643,570	704,345	730,211	743,405
Private	2,962,413	3,038,205	3,270,678	3,580,016	3,798,739	4,047,064	572,150	539,131	570,734	627,629	644,039	650,487
Agricultural services, forestry, fisheries, and other[7]	168,268	188,645	198,022	203,113	216,417	212,856	1,076	941	1,839	1,808	1,853	2,198
Agricultural services	167,800	188,499	196,893	202,329	215,293	211,584	1,009	970	1,631	1,636	1,775	2,095
Forestry, fisheries, and other[7]	468	146	1,129	784	1,124	1,272	67	(L)	208	172	78	103
Mining	32,937	39,116	32,708	37,690	36,973	27,866	2,377	2,597	1,576	1,607	2,070	1,927
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	198	188	190	170	185	193
Oil and gas extraction	31,213	37,667	30,592	35,647	34,869	28,242	(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)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	303,075	278,695	326,299	377,317	408,116	438,988	22,371	22,359	26,498	31,805	33,047	36,104
Manufacturing	438,714	440,925	456,007	492,571	488,101	491,517	312,498	270,666	284,347	314,508	310,272	293,784
Nondurable goods	225,180	231,305	244,629	259,020	249,741	254,950	150,799	(D)	(D)	(D)	186,458	173,724
Food and kindred products	155,310	157,459	160,449	167,183	162,412	166,299	18,469	(D)	(D)	19,254	(D)	(D)
Textile mill products	(D)	(D)	(D)	1,138	1,113	1,205	0	0	0	0	0	0
Apparel and other textile products	6,700	6,324	7,616	8,522	(D)	(D)	12,407	12,384	13,281	14,338	14,911	14,162
Paper and allied products	7,119	7,186	7,231	8,069	10,672	10,916	0	0	0	0	0	0
Printing and publishing	28,071	35,173	41,544	45,280	36,796	40,636	1,963	2,114	2,394	2,382	2,513	2,784
Chemicals and allied products	17,920	19,885	19,918	22,201	21,484	17,301	(D)	0	0	0	0	0
Petroleum and coal products	751	988	1,139	951	1,895	1,588	298	278	309	394	518	595
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,984	2,263	5,316	5,550	6,585	8,088	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	126	(D)	(D)	0	0	0	0	0	0
Durable goods	213,534	209,620	211,378	233,551	238,360	236,567	161,699	(D)	(D)	(D)	123,814	120,060
Lumber and wood products	21,803	17,921	24,759	23,273	22,756	18,298	1,424	1,161	1,289	1,691	1,910	2,912
Furniture and fixtures	6,727	6,071	6,669	7,692	7,758	6,692	963	682	1,324	1,225	877	739
Primary metal industries	8,362	8,088	8,085	10,117	8,963	8,343	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	27,425	31,891	33,023	34,531	38,824	39,391	9,768	9,214	9,733	16,013	18,048	23,726
Machinery, except electrical	76,651	77,491	67,424	73,870	75,396	73,781	8,253	8,432	9,851	10,531	10,081	9,942
Electric and electronic equipment	5,662	4,450	4,434	4,527	4,959	5,003	8,152	8,110	6,965	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	2,214	2,547	3,017	3,646	3,715	3,596	0	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	16,795	17,971	17,994	26,169	27,751	28,340	0	0	0	(D)	(D)	(D)
Stone, clay, and glass products	36,415	33,456	34,687	36,921	34,038	36,341	4,369	4,261	4,384	4,731	5,589	6,777
Instruments and related products	2,258	1,872	2,763	3,287	4,649	4,582	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	9,222	7,862	8,523	9,518	9,551	12,200	(D)	(D)	(D)	(D)	0	0
Transportation and public utilities	300,646	308,181	321,234	339,275	339,321	359,530	43,050	45,013	46,996	49,573	49,518	50,419
Railroad transportation	24,348	24,199	25,503	29,201	29,443	27,343	4,700	4,948	5,415	5,735	5,462	4,641
Trucking and warehousing	100,317	103,807	109,952	121,010	118,620	125,876	21,290	20,971	21,611	24,529	24,320	25,380
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	560	(D)	(D)	(D)	(D)	1,017
Communication	86,619	92,100	89,891	86,496	83,156	82,903	9,576	10,680	10,796	9,778	9,192	9,385
Electric, gas, and sanitary services	62,235	66,320	74,132	79,828	84,232	97,841	6,924	7,851	8,413	8,770	9,761	9,996
Wholesale trade	325,694	306,162	301,266	327,892	349,058	366,009	15,933	17,693	17,074	19,869	22,475	23,437
Retail trade	441,885	453,615	497,914	528,638	553,331	605,471	60,314	58,418	62,794	68,522	71,723	75,206
Finance, insurance, and real estate	216,506	221,185	252,513	280,026	304,587	346,618	21,064	19,199	21,923	23,716	25,137	28,483
Banking and credit agencies	80,440	87,838	99,546	110,169	120,320	134,764	9,609	9,393	9,847	10,223	10,523	11,313
Other finance, insurance, and real estate[9]	136,066	133,347	152,967	169,857	184,267	211,854	11,455	9,806	12,076	13,493	14,614	17,170
Services	734,688	801,681	884,715	993,494	1,102,835	1,198,209	93,467	102,245	107,687	116,221	127,944	138,929
Hotels and other lodging places	20,248	21,175	19,449	20,731	20,171	19,749	(D)	1,189	1,360	1,433	1,484	1,372
Personal services	45,800	47,762	51,619	54,761	64,232	68,159	4,050	3,854	4,062	4,372	5,146	5,673
Private households	13,415	14,603	15,439	17,410	17,790	18,643	4,466	4,795	4,995	5,577	5,619	5,801
Business services	94,352	113,739	136,438	160,710	192,972	216,924	4,114	5,251	5,492	6,437	6,755	8,290
Auto repair, services, and garages	57,735	53,005	65,300	75,068	80,553	81,762	4,795	3,975	4,246	5,033	5,453	5,595
Miscellaneous repair services	20,093	23,782	29,811	36,886	34,315	32,635	944	868	1,042	1,151	1,270	1,412
Amusement and recreation services	12,720	11,896	13,279	14,204	16,363	17,541	956	887	850	836	984	1,056
Motion pictures	(D)	(D)	(D)	2,884	3,178	3,084	301	271	282	237	230	206
Health services	280,338	319,178	338,906	364,174	400,780	449,076	48,054	55,289	58,218	60,684	65,541	71,475
Legal services	43,366	52,157	57,553	66,156	75,543	84,886	3,800	4,129	4,891	5,620	6,175	6,741
Educational services	10,715	11,742	12,684	14,163	15,228	16,972	(D)	1,481	1,535	1,510	1,597	1,723
Social services	20,573	20,665	24,947	29,049	30,192	33,007	1,442	1,396	1,346	1,596	2,070	2,071
Museums, botanical, zoological gardens	(D)	(D)	(D)	376	429	520	0	0	0	0	0	0
Membership organizations	36,857	41,621	42,872	48,182	50,237	50,281	4,914	5,091	5,050	5,227	5,474	5,431
Miscellaneous services	76,589	68,016	73,897	88,740	100,852	104,970	12,888	13,769	14,318	16,508	20,146	22,083
Government and government enterprises	684,776	722,731	762,865	817,343	916,775	988,824	66,125	69,473	72,836	76,716	86,172	92,918
Federal, civilian	148,170	152,571	162,744	175,076	201,603	208,695	8,014	8,040	8,419	8,547	9,089	9,298
Military	8,064	9,365	9,812	11,163	13,033	13,300	3,472	4,747	4,452	4,713	5,309	5,735
State and local	528,542	560,795	590,309	631,104	702,139	766,829	54,639	56,686	59,965	63,456	71,774	77,885

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Gainesville, FL (MSA)						Galveston—Texas City, TX (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,453,021**	**1,598,763**	**1,743,505**	**1,943,109**	**2,131,236**	**2,284,104**	**2,355,980**	**2,612,819**	**2,662,673**	**2,842,683**	**2,962,927**	**2,943,097**
Nonfarm personal income	1,436,451	1,579,108	1,725,973	1,918,404	2,110,581	2,259,144	2,354,405	2,611,288	2,661,775	2,841,853	2,961,366	2,942,338
Farm income[1]	16,570	19,655	17,532	24,705	20,655	24,960	1,575	1,531	898	830	1,561	759
Population (thousands)[2]	176.8	182.5	187.8	192.3	197.6	199.8	201.9	208.6	212.8	212.9	213.8	214.8
Per capita personal income (dollars)	**8,220**	**8,758**	**9,285**	**10,103**	**10,787**	**11,434**	**11,672**	**12,523**	**12,511**	**13,353**	**13,857**	**13,700**
Derivation of total personal income:												
Total earnings by place of work	1,087,143	1,181,197	1,302,243	1,469,996	1,617,177	1,707,131	1,463,679	1,532,084	1,592,179	1,691,893	1,710,517	1,740,355
Less: Personal contributions for social insurance[3]	43,052	47,929	53,786	60,876	69,058	74,962	74,808	78,991	83,020	87,890	92,662	94,908
Plus: Adjustment for residence	−23,511	−15,663	−35,296	−45,618	−51,954	−30,662	449,173	556,019	525,498	541,303	581,498	488,646
Equals: Net earnings by place of residence	1,020,580	1,117,605	1,213,161	1,363,502	1,496,165	1,601,507	1,838,044	2,009,112	2,034,657	2,145,306	2,199,353	2,134,093
Plus: Dividends, interest, and rent[5]	200,001	223,412	245,320	275,960	302,227	325,719	273,490	314,916	311,074	370,665	405,604	420,736
Plus: Transfer payments	232,440	257,746	285,024	303,647	332,844	356,878	244,446	288,791	316,942	326,712	357,970	388,268
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	911,365	999,583	1,097,643	1,234,002	1,361,850	1,424,285	1,210,355	1,267,842	1,301,348	1,388,006	1,391,613	1,411,215
Other labor income	71,217	82,541	93,685	102,398	109,835	117,371	152,649	164,110	171,405	171,673	168,833	170,130
Proprietors' income[6]	104,561	99,073	110,915	133,596	145,492	165,475	100,675	100,132	119,426	132,214	150,071	159,010
Farm	12,619	15,409	13,405	20,642	16,534	20,823	1,153	1,129	504	439	1,165	358
Nonfarm	91,942	83,664	97,510	112,954	128,958	144,652	99,522	99,003	118,922	131,775	148,906	158,652
Earnings by industry:												
Farm	16,570	19,655	17,532	24,705	20,655	24,960	1,575	1,531	898	830	1,561	759
Nonfarm	1,070,573	1,161,542	1,284,711	1,445,291	1,596,522	1,682,171	1,462,104	1,530,553	1,591,281	1,691,063	1,708,956	1,739,596
Private	657,637	709,411	793,651	890,406	964,240	1,046,424	1,178,962	1,201,451	1,215,178	1,276,210	1,279,286	1,291,576
Agricultural services, forestry, fisheries, and other[7]	5,421	4,912	5,328	6,033	6,922	6,963	4,027	3,834	5,922	4,351	6,382	6,511
Agricultural services	(D)	3,746	4,052	4,746	(D)	6,191	2,628	2,932	3,380	3,555	2,939	2,725
Forestry, fisheries, and other[7]	(D)	1,166	1,276	1,287	(D)	772	1,399	902	2,542	796	3,443	3,786
Mining	4,482	(D)	(D)	(D)	(D)	(D)	31,138	29,452	26,505	32,639	28,332	23,626
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,384	23,691	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	1,075	943	(D)	3,069	2,814	(D)	(D)	(D)
Construction	66,709	75,673	83,093	97,633	102,616	110,001	156,541	131,720	130,776	128,267	100,636	129,099
Manufacturing	83,559	86,524	96,492	113,028	114,144	117,563	393,405	399,790	399,518	410,273	426,686	405,434
Nondurable goods	15,696	18,700	19,901	22,021	23,822	26,523	306,102	323,921	344,554	357,663	362,654	350,742
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	12,686	12,366	11,795	11,718	11,649	(D)
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)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	6,357*	7,091*	8,067*	8,777*	9,735*	11,065*	5,312	6,150	6,548	7,062	7,116	6,827
Chemicals and allied products	(D)	2,775	2,721	2,924	3,147	3,632	157,505	165,521	168,779	174,238	173,808	160,653
Petroleum and coal products	0	0	0	0	0	0	128,387	138,161	155,985	162,600	166,089	168,046
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	67,863	67,824	76,591	91,007	90,322	91,040	87,303	75,869	54,964	52,610	64,032	54,692
Lumber and wood products	5,404	5,188	5,617	6,901	7,037	6,357	(D)	1,701	1,412	1,383	1,180	446
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Primary metal industries	0	0	0	0	(D)	(D)	(D)	(D)	(D)	5,714	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	12,190	10,907	11,250	10,182	10,296	8,306
Machinery, except electrical	(D)	(D)	6,985*	9,029*	8,626*	8,520*	6,565	5,895	3,983	5,849	7,173	7,128
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	1,127	(D)	(D)	1,682	2,038	(D)
Transportation equip. exc. motor vehicles	7,286*	6,984	10,550	11,589*	12,082*	12,476*	36,006	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	(D)	0	0	0	0	0	0
Stone, clay, and glass products	2,193*	1,861*	1,851*	2,014*	2,938*	2,135*	16,326	10,712	9,110	6,828	5,852	4,670
Instruments and related products	1,019	1,222	896	895	1,095	1,087	(D)	(D)	(D)	(D)	1,311	755
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	508	560	954	1,454	1,474	612
Transportation and public utilities	40,366	43,500	45,251	47,888	50,273	49,456	137,731	140,290	128,809	139,301	137,320	131,192
Railroad transportation	3,576	3,820	4,285	4,171	3,791	3,183	7,812	6,841	6,170	8,140	9,121	8,805
Trucking and warehousing	6,675	6,342	6,718	8,224	8,420	8,965	23,973	23,091	20,135	22,108	20,413	16,372
Water transportation	0	(D)	(D)	(D)	(D)	(D)	41,537	43,673	35,766	39,991	34,063	29,994
Other transportation[8]	2,175*	(D)	(D)	(D)	(D)	(D)	17,393	19,542	16,117	17,246	18,681	16,723
Communication	23,891*	26,488	25,970	26,014*	28,451	27,066	31,031	33,688	36,526	32,352	33,310	30,629
Electric, gas, and sanitary services	(D)	4,420	4,990	5,463	5,770	6,354	15,985	13,455	14,095	19,464	21,732	28,669
Wholesale trade	36,025	34,538	39,287	43,954	50,640	49,749	44,047	41,327	36,447	37,365	38,095	36,659
Retail trade	129,703	138,732	155,718	168,168	181,108	195,512	134,554	144,165	158,578	166,901	171,160	170,872
Finance, insurance, and real estate	48,433	48,508	54,263	54,688	57,641	79,614	73,373	79,714	87,409	94,696	95,549	98,882
Banking and credit agencies	14,094*	16,163*	17,352*	18,345*	19,487*	21,702*	23,899	26,030	28,876	32,539	32,109	31,057
Other finance, insurance, and real estate[9]	32,738*	30,686*	35,139*	34,591*	36,197*	55,684*	49,474	53,684	58,533	62,157	63,440	67,825
Services	242,939	264,389*	300,522*	343,413*	382,239*	416,961*	204,146	231,159	241,214	262,417	275,126	289,301
Hotels and other lodging places	6,142*	6,215*	6,688*	8,694	9,573	10,488	12,467	12,000	12,745	14,739	15,489	19,162
Personal services	7,987	8,390	9,501	11,077	13,863	14,574	12,745	14,338	15,457	16,417	19,451	20,958
Private households	5,506	6,029	6,407	7,267	7,478	7,854	7,631	8,483	9,046	10,193	10,385	10,826
Business services	20,613	25,266	31,274	36,126	43,805	52,414	31,374	40,735	42,447	45,222	46,654	44,878
Auto repair, services, and garages	8,833	8,494	10,078	11,312	12,687	13,875	8,416	7,654	8,998	10,669	10,546	11,277
Miscellaneous repair services	3,785	3,677	4,451	5,330	4,786	4,481	14,749	11,706	9,209	10,785	9,505	9,672
Amusement and recreation services	3,746*	3,783	3,738	3,755*	4,746	11,378	3,195	3,732	3,632	4,130	5,324	5,994
Motion pictures	690*	802*	829*	944*	1,008*	1,234*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	110,109	131,244	147,848	166,314	181,314	191,001	70,009	83,343	88,334	92,060	97,703	99,304
Legal services	10,730*	13,190	15,877	19,400	22,529	23,057	10,434	12,141	15,439	17,563	18,995	21,205
Educational services	3,099	3,517	3,962	4,430	4,500	4,929	(D)	4,319	4,768	5,591	6,028	6,513
Social services	4,605	5,385	7,466	8,865	9,686	11,484	3,871	4,227	4,070	4,751	4,898	4,879
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	14,809	16,721	17,951	17,432	17,492	13,545	11,402	12,602	13,503	14,073	14,411	14,605
Miscellaneous services	41,376	39,463	43,632	53,741	61,664	71,555	12,791	14,460	12,471	14,603	14,244	18,547
Government and government enterprises	412,936	452,131	491,060	554,885	632,282	635,747	283,142	329,102	376,103	414,853	429,670	448,020
Federal, civilian	53,394	58,104	63,469	68,776	73,101	77,697	24,717	23,815	25,310	26,362	27,929	27,549
Military	3,512	4,322	5,108	5,722	6,228	6,382	8,270	9,874	10,602	10,642	11,111	11,559
State and local	356,030	389,705	422,483	480,387	552,953	551,668	250,155	295,413	340,191	377,849	390,630	408,912

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Gary—Hammond, IN (PMSA)						Glens Falls, NY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,877,101**	**6,834,961**	**6,888,144**	**7,264,347**	**7,534,809**	**7,643,487**	**927,916**	**983,100**	**1,060,544**	**1,172,685**	**1,260,269**	**1,342,459**
Nonfarm personal income	6,856,950	6,816,243	6,879,269	7,237,875	7,507,870	7,615,416	910,762	964,163	1,045,954	1,156,571	1,242,899	1,322,765
Farm income[1]	20,151	18,718	8,875	26,472	26,939	28,071	17,154	18,937	14,590	16,114	17,370	19,694
Population (thousands)[2]	640.3	637.4	630.9	626.7	619.8	614.7	109.9	109.9	110.2	110.7	111.6	112.4
Per capita personal income (dollars)	**10,741**	**10,724**	**10,918**	**11,592**	**12,157**	**12,434**	**8,447**	**8,946**	**9,623**	**10,596**	**11,297**	**11,943**
Derivation of total personal income:												
Total earnings by place of work	5,749,303	5,414,887	5,244,899	5,345,508	5,495,385	5,412,416	660,289	690,650	732,205	817,366	867,279	956,501
Less: Personal contributions for social insurance[3]	315,057	309,107	287,905	296,242	319,910	319,239	39,702	41,693	45,258	51,321	56,363	62,757
Plus: Adjustment for residence	−246,730	−138,705	−63,400	80,625	132,147	192,433	−48,820	−55,313	−47,935	−48,806	−34,197	−62,521
Equals: Net earnings by place of residence	5,187,516	4,967,075	4,893,594	5,129,891	5,307,622	5,285,610	571,767	593,644	639,012	717,239	776,719	831,223
Plus: Dividends, interest, and rent[5]	842,519	912,222	951,660	1,028,210	1,077,383	1,129,675	160,926	171,276	191,434	214,392	226,909	242,305
Plus: Transfer payments	847,066	955,664	1,042,890	1,106,246	1,149,804	1,228,202	195,223	218,180	230,098	241,054	256,641	268,931
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,771,143	4,485,362	4,312,763	4,382,126	4,505,792	4,408,775	535,701	564,605	593,557	662,934	702,525	774,596
Other labor income	690,753	657,013	634,957	606,246	599,932	574,492	53,090	57,849	60,367	64,265	66,511	71,867
Proprietors' income[6]	287,407	272,512	297,179	357,136	389,661	429,149	71,498	68,196	78,281	90,167	98,243	110,038
Farm	16,796	14,828	5,119	22,773	23,189	24,282	11,205	11,958	7,920	9,588	10,747	13,035
Nonfarm	270,611	257,684	292,060	334,363	366,472	404,867	60,293	56,238	70,361	80,579	87,496	97,003
Earnings by industry:												
Farm	20,151	18,718	8,875	26,472	26,939	28,071	17,154	18,937	14,590	16,114	17,370	19,694
Nonfarm	5,729,152	5,396,169	5,236,024	5,319,036	5,468,446	5,384,345	643,135	671,713	717,615	801,252	849,909	936,807
Private	5,282,265	4,924,943	4,739,679	4,800,044	4,909,806	4,813,817	534,856	553,255	593,371	667,443	702,805	777,938
Agricultural services, forestry, fisheries, and other[7]	8,390	8,768	10,434	10,371	11,102	11,671	1,816	2,287	3,104	3,070	2,365	2,702
Agricultural services	8,208	8,669	10,035	10,197	10,599	11,115	1,634	2,342	2,483	2,535	2,024	2,274
Forestry, fisheries, and other[7]	182	99	399	174	503	556	182	−55	621	535	341	428
Mining	10,886	9,066	7,805	8,037	11,404	11,578	5,572	4,926	5,267	5,519	6,005	5,149
Coal mining	(L)	(L)	(L)	55	59	60	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	7,517	6,464	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,299	(D)
Metal mining	0	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	1,510	1,297	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,686	(D)
Construction	419,468	410,474	358,019	353,993	437,441	386,137	29,380	29,985	37,700	46,258	50,536	61,710
Manufacturing	2,989,008	2,596,484	2,386,478	2,335,101	2,251,662	2,071,102	213,353	215,080	219,139	247,009	244,733	254,656
Nondurable goods	320,425	310,963	318,095	331,709	342,615	332,669	100,579	102,610	102,996	110,409	114,394	122,817
Food and kindred products	48,098	50,526	49,753	52,284	57,570	55,412	(D)	3,439*	3,311*	3,258*	(D)	3,869
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	13,846*	13,794*	14,497*	15,839*	15,163	12,871	5,626	(D)	(D)	(D)	(D)	(D)
Paper and allied products	15,953	16,356	18,515	20,372	18,178	19,272	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	31,943	27,282	28,107	29,621	31,541	33,074	3,473	3,876	4,365	5,050	5,645	6,198
Chemicals and allied products	70,146*	69,314	73,394	70,422*	71,259*	72,735*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	124,208*	121,838*	120,412*	123,062*	127,004*	117,523*	1,936	2,681	2,163	2,515	3,541	2,635
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	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	2,668,583	2,285,521	2,068,383	2,003,392	1,909,047	1,738,433	112,774	112,470	116,143	136,600	130,339	131,839
Lumber and wood products	(D)	(D)	(D)	1,248*	(D)	(D)	10,356	8,707	10,355	12,254	13,243	14,882
Furniture and fixtures	854*	1,049	971	915	1,505	1,485	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	1,995,803	1,825,852	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	118,487	96,234	62,988	70,199	73,997	69,051	(D)	(D)	(D)	1,509*	1,826*	1,980
Machinery, except electrical	87,318	81,465	79,246	91,268	91,762	83,150	17,081	18,211	17,768	19,030	20,111	20,433
Electric and electronic equipment	(D)	(D)	(D)	(D)	11,859	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	55,150*	28,808*	15,047*	19,252*	(D)	12,965*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	19,017	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	(D)	37,799	37,716	42,226	42,255	42,616	(D)	(D)	(D)	(D)	(D)	13,676
Instruments and related products	4,016*	3,858*	4,232*	4,533*	4,535*	4,422*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	5,542*	5,941*	9,013*	8,050	8,055*	(D)	771	878	1,241	(D)	1,385*
Transportation and public utilities	384,965	386,333	387,316	399,897	426,167	439,004	36,348	37,074	38,779	40,634	42,901	43,722
Railroad transportation	46,842	43,038	41,758	45,319	43,703	41,895	4,423	3,394	2,592	2,843	2,727	2,008
Trucking and warehousing	108,152	88,025	88,228	103,498	120,153	135,773	10,898	(D)	(D)	11,795	11,920	12,246
Water transportation	(D)	(D)	(D)	2,744	2,869*	1,956	791	837	938	1,034*	1,299*	1,855*
Other transportation[8]	33,037	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	13,645	14,296	12,682*
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	172,753	165,603	163,879	183,290	190,325	203,676	27,786	29,606	32,949	36,984	40,969	42,813
Retail trade	445,635	438,829	452,197	465,816	475,087	496,429	72,738	75,208	85,360	94,510	102,112	116,189
Finance, insurance, and real estate	149,813	144,640	154,120	151,153	146,199	164,548	30,654	29,231	31,678	32,462	35,989	47,939
Banking and credit agencies	65,232	68,653	70,832	74,264	76,436	(D)	8,382	9,060	10,201	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	84,581	75,987	83,288	76,889	69,763	(D)	22,272	20,171	21,477	20,932*	23,243*	32,817*
Services	701,347	764,746	819,431	892,386	960,419	1,029,672	117,209	129,858	139,395	160,997	177,195	203,058
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	10,226	9,905	11,252	11,276	10,875	22,863
Personal services	34,892	35,684	39,019	(D)	(D)	(D)	4,002	4,638	5,090	5,559	6,940	7,712
Private households	5,010	5,336	5,519	6,118	6,121	6,268	2,618	2,792	2,905	3,219	3,223	3,300
Business services	70,442	70,947	78,889	97,344	122,854	138,142	7,962	8,666	11,332	14,468	17,168	20,467
Auto repair, services, and garages	32,639	33,165	35,631	41,682	46,659	50,528	3,750	3,757	4,913	5,779	6,269	6,306
Miscellaneous repair services	20,477	19,084	20,640	24,310	24,512	26,445	1,699	1,751	2,982	3,651	2,927	3,164
Amusement and recreation services	11,763	11,346	11,645	12,515	13,845	14,054	5,556	7,072	7,033	8,434	9,010	9,777
Motion pictures	2,279*	(D)	(D)	1,878	1,904	2,135	(D)	(D)	(D)	(D)	(D)	(D)
Health services	359,995	418,739	451,992	474,169	484,727	515,390	53,817	61,204	61,907	71,067	77,026	81,421
Legal services	37,283	40,294	43,007	49,459	53,051	57,862	6,167	7,615	7,957	9,690	11,278	12,771
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,089	1,756	2,006	2,281	2,524	2,942
Social services	15,730	14,249	14,688	16,801	19,533	20,918	(D)	(D)	(D)	(D)	(D)	(D)
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	135	138	179
Membership organizations	40,242	43,219	43,064	43,662	44,071	43,305	5,433	6,118	6,389	6,748	7,117	7,449
Miscellaneous services	35,227	30,644	31,518	38,508	46,841	51,421	10,856	9,865	11,239	14,103	17,481	18,683
Government and government enterprises	446,887	471,226	496,345	518,992	558,640	570,528	108,279	118,458	124,244	133,809	147,104	158,869
Federal, civilian	43,732	45,800	48,069	51,636	55,481	56,648	10,679	10,995	10,914	11,727	12,632	12,453
Military	10,521	12,468	15,740	14,491	16,492	19,282	1,211	1,333	1,325	1,272	1,450	1,532
State and local	392,634	412,958	432,536	452,865	486,667	494,598	96,389	106,130	112,005	120,810	133,022	144,884

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Grand Forks, ND (MSA)						Grand Rapids, MI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**624,590**	**667,425**	**712,066**	**752,377**	**787,737**	**831,264**	**6,463,181**	**6,693,610**	**7,231,643**	**8,062,478**	**8,714,524**	**9,329,669**
Nonfarm personal income	599,389	650,022	689,528	722,601	763,355	803,473	6,412,725	6,637,883	7,197,207	8,012,164	8,646,546	9,258,698
Farm income[1]	25,201	17,403	22,538	29,776	24,382	27,791	50,456	55,727	34,436	50,314	67,978	70,971
Population (thousands)[2]	66.5	67.1	68.3	69.1	69.3	69.4	609.4	611.8	615.6	624.0	634.3	648.8
Per capita personal income (dollars)	**9,388**	**9,953**	**10,430**	**10,888**	**11,367**	**11,976**	**10,606**	**10,940**	**11,748**	**12,921**	**13,740**	**14,380**
Derivation of total personal income:												
Total earnings by place of work	510,530	531,739	568,041	606,332	632,754	665,844	5,267,678	5,327,967	5,787,845	6,572,599	7,177,128	7,633,953
Less: Personal contributions for social insurance[3]	27,588	30,311	31,614	33,873	37,082	39,409	323,052	348,737	369,569	422,903	485,216	522,148
Plus: Adjustment for residence	−30,634	−25,802	−30,809	−33,188	−33,852	−30,174	−270,551	−258,521	−295,890	−361,654	−397,619	−328,536
Equals: Net earnings by place of residence	452,308	475,626	505,618	539,271	561,820	596,261	4,674,075	4,720,709	5,122,386	5,788,042	6,294,293	6,783,269
Plus: Dividends, interest, and rent[5]	100,527	112,695	116,967	118,863	122,426	125,709	976,813	1,055,757	1,137,163	1,294,158	1,381,369	1,449,750
Plus: Transfer payments	71,755	79,104	89,481	94,243	103,491	109,294	812,293	917,144	972,094	980,278	1,038,862	1,096,650
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	421,059	448,337	475,809	501,920	529,109	554,138	4,340,884	4,422,129	4,797,880	5,440,938	5,938,651	6,300,886
Other labor income	26,160	29,822	32,657	33,557	35,506	37,196	490,288	496,230	528,987	575,857	616,926	649,705
Proprietors' income[6]	63,311	53,580	59,575	70,855	68,139	74,510	436,506	409,608	460,978	555,804	621,551	683,362
Farm	20,444	12,537	17,874	25,217	19,752	23,127	25,724	27,647	7,931	24,358	41,731	44,583
Nonfarm	42,867	41,043	41,701	45,638	48,387	51,383	410,782	381,961	453,047	531,446	579,820	638,779
Earnings by industry:												
Farm	25,201	17,403	22,538	29,776	24,382	27,791	50,456	55,727	34,436	50,314	67,978	70,971
Nonfarm	485,329	514,336	545,503	576,556	608,372	638,053	5,217,222	5,272,240	5,753,409	6,522,285	7,109,150	7,562,982
Private	299,221	311,002	326,584	344,734	361,767	382,571	4,736,114	4,768,278	5,239,517	5,969,800	6,524,712	6,922,836
Agricultural services, forestry, fisheries, and other[7]	1,374	1,522	1,874	1,813	1,594	2,520	19,186	18,339	20,868	21,955	23,614	25,398
Agricultural services	1,365	1,511	1,838	1,803	1,589	2,515	(D)	17,378	18,826	19,755	(D)	(D)
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	(D)	961	2,042	2,200	(D)	(D)
Mining	1,656	1,366	1,221	1,390	1,350	1,421	25,631	23,017	23,035	24,411	31,555	28,801
Coal mining	0	(D)	(D)	(D)	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	901	(D)	(D)	(D)	754	(D)	23,957	(D)	(D)	(D)	28,202	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	134
Nonmetallic minerals, except fuels	756	605	558	780	599	(D)	1,656	1,367*	(D)	(D)	(D)	(D)
Construction	30,091	28,780	30,277	31,568	35,782	41,600	309,994	278,780	304,547	340,559	389,418	480,592
Manufacturing	20,101	21,991	23,024	23,337	26,995	29,066	2,076,153	2,035,763	2,245,099	2,583,910	2,831,554	2,854,452
Nondurable goods	15,965	17,975	18,843	18,939	22,041	22,934	499,419	511,616	575,878	684,773	730,050	734,169
Food and kindred products	10,515	11,685	12,433	11,945	14,261	15,066	124,382	130,304	140,966	157,732	168,253	171,772
Textile mill products	0	0	0	0	0	0	5,851	7,324*	5,922*	5,134*	5,557*	6,276
Apparel and other textile products	(D)	(D)	(D)	(D)	245	(D)	56,966	50,955	63,987	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	32,921	30,805	31,942	42,264	44,067	46,990
Printing and publishing	4,145	4,310	4,699	5,196	6,039	(D)	73,829	75,958	86,390	88,103	95,809	109,415
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	133,742	141,423
Petroleum and coal products	0	0	0	0	0	0	335	(D)	(D)	(D)	(D)	(D)
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)	57,401	70,408	104,301	116,707	96,139
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	4,136	4,016	4,181	4,398	4,954	6,132	1,576,734	1,524,147	1,669,221	1,899,137	2,101,504	2,120,283
Lumber and wood products	455	(D)	(D)	661	574	740	28,018	28,424	25,512	27,406	(D)	45,317
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	374,772	394,726	430,347	523,074	596,577	562,857
Primary metal industries	0	0	0	0	0	0	111,720	106,982	107,002	96,806	92,384	90,634
Fabricated metal products	0	0	0	0	0	0	368,595	335,015	388,426	436,582	470,688	476,523
Machinery, except electrical	(D)	636	647	760	799	886	366,279	342,370	369,459	399,945	462,128	480,626
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	72,529	68,951	75,670	95,026	102,183	111,047
Transportation equip. exc. motor vehicles	0	0	0	0	0	(D)	34,886	38,591	47,100	46,538	48,795	(D)
Motor vehicles and equipment	187	(D)	(D)	(D)	(D)	(D)	59,345	43,812	48,889	70,876	78,925	100,571
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	30,620	29,469	35,983	44,657	(D)	(D)
Instruments and related products	56	(D)	(D)	(D)	0	(D)	106,033	111,285	118,910	133,308	141,206	139,040
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	23,937	24,522	21,923	24,919	21,044	13,343
Transportation and public utilities	46,055	46,537	45,979	46,264	45,995	46,275	305,994	312,486	309,297	338,159	343,839	325,330
Railroad transportation	13,578	13,067	12,954	13,882	12,555	11,076	33,460	32,250	31,303	29,434	25,341	19,802
Trucking and warehousing	8,528	8,823	9,107	9,640	9,188	9,622	132,078	130,991	129,830	162,210	157,713	132,301
Water transportation	0	0	0	0	(D)	(D)	(D)	(D)	(D)	1,211	1,758	1,755
Other transportation[8]	2,688	2,947	3,115	2,999	(D)	(D)	16,043*	(D)	(D)	19,717	22,822	25,124
Communication	10,548	9,631	8,214	6,580	6,249	6,908	72,511	79,593	76,013	69,232	77,053	83,312
Electric, gas, and sanitary services	10,713	12,069	12,589	13,163	13,870	14,228	49,779	51,737	53,126	56,355	59,152	63,036
Wholesale trade	37,610	37,620	36,773	38,992	39,217	40,506	381,231	404,247	441,192	506,102	555,495	628,003
Retail trade	57,591	61,234	65,229	69,958	71,675	72,381	557,516	577,910	637,068	704,103	742,620	813,957
Finance, insurance, and real estate	16,757	17,044	17,943	19,447	20,773	23,565	207,964	204,135	228,748	241,157	282,426	338,880
Banking and credit agencies	8,810	9,324	9,409	9,839	10,062	11,218	74,035	78,055	82,423	90,003	103,407	112,757
Other finance, insurance, and real estate[9]	7,947	7,720	8,534	9,608	10,711	12,347	133,929	126,080	146,325	151,154	179,019	226,123
Services	87,986	94,908	104,264	111,965	118,386	125,237	852,445	913,601	1,029,663	1,209,444	1,324,191	1,427,423
Hotels and other lodging places	4,132	4,185	4,664	4,949	4,747	4,644	15,852	(D)	(D)	28,201	29,933	31,686
Personal services	4,727	5,355	5,834	6,288	7,833	8,267	49,484	51,890	54,728	55,373	67,955	73,344
Private households	(D)	698	730	811	808	819	8,809	9,287	9,552	10,569	10,594	10,900
Business services	9,104	9,040	9,069	9,136	10,741	10,429	96,182	106,420	133,007	162,230	198,317	212,902
Auto repair, services, and garages	3,274	3,132	3,339	3,994	4,372	4,842	48,072	45,113	51,936	62,191	68,314	71,248
Miscellaneous repair services	1,583	1,784	2,022	2,354	1,841	1,978	14,988	14,783	18,012	22,427	22,830	23,846
Amusement and recreation services	725	847	936	1,050	1,099	1,155	14,799	15,471	16,399	18,203	20,719	22,239
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	42,818	48,372	54,523	58,385	59,903	64,489	309,317	347,167	379,558	413,450	439,674	491,755
Legal services	3,429	3,933	4,239	4,828	5,282	5,775	63,702	74,407	83,122	96,466	104,700	114,387
Educational services	677	(D)	(D)	(D)	(D)	(D)	48,282	53,054	59,146	64,399	69,233	75,587
Social services	2,274	2,896	3,310	3,504	3,815	4,116	27,579	28,686	37,946	38,809	43,388	49,502
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,147	4,429	4,857	4,933	5,076	5,039	39,405	42,728	45,726	47,976	50,418	50,593
Miscellaneous services	10,194	9,249	9,651	10,511	11,596	12,355	112,909	101,631	111,063	184,517	192,356	192,670
Government and government enterprises	186,108	203,334	218,919	231,822	246,605	255,482	481,108	503,962	513,892	552,485	584,438	640,146
Federal, civilian	22,895	23,951	23,770	23,823	26,708	29,066	49,384	50,941	55,158	59,132	63,903	63,995
Military	78,132	86,067	95,762	103,019	105,598	106,216	6,861	8,131	8,732	9,049	9,602	10,393
State and local	85,081	93,316	99,387	104,980	114,299	120,200	424,863	444,890	450,002	484,304	510,933	565,758

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Great Falls, MT (MSA)						Greeley, CO (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**839,245**	**879,694**	**930,504**	**986,505**	**999,699**	**1,034,114**	**1,188,755**	**1,278,866**	**1,332,845**	**1,488,416**	**1,550,879**	**1,656,827**
Nonfarm personal income	831,927	873,818	922,360	975,949	998,426	1,018,040	1,120,372	1,243,622	1,329,210	1,432,066	1,517,971	1,592,826
Farm income[1]	7,318	5,876	8,144	10,556	1,273	16,074	68,383	35,244	3,635	56,350	32,908	64,001
Population (thousands)[2]	80.2	80.2	81.6	81.4	80.8	79.4	125.3	126.8	131.2	133.1	134.1	135.0
Per capita personal income (dollars)	**10,467**	**10,973**	**11,408**	**12,118**	**12,375**	**13,020**	**9,491**	**10,085**	**10,160**	**11,183**	**11,562**	**12,271**
Derivation of total personal income:												
Total earnings by place of work	600,619	615,189	648,942	683,027	678,338	701,311	747,804	770,515	807,764	925,743	973,590	1,028,885
Less: Personal contributions for social insurance[3]	36,489	39,083	40,890	43,718	45,815	46,849	37,204	40,513	43,280	47,322	53,411	54,889
Plus: Adjustment for residence	13,704	14,603	13,447	14,913	15,227	13,211	139,871	175,479	162,045	180,983	179,293	206,717
Equals: Net earnings by place of residence	577,834	590,709	621,499	654,222	647,750	667,673	850,471	905,481	926,529	1,059,404	1,099,472	1,180,713
Plus: Dividends, interest, and rent[5]	130,319	144,526	150,292	166,282	173,900	178,353	190,627	207,713	223,744	238,191	249,254	260,135
Plus: Transfer payments	131,092	144,459	158,713	166,001	178,049	188,088	147,657	165,672	182,572	190,821	202,153	215,979
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	489,351	503,201	526,942	549,581	547,888	550,148	565,294	612,631	659,425	706,588	765,511	779,665
Other labor income	34,382	38,271	41,104	41,862	41,670	42,094	50,328	59,070	65,721	68,046	73,963	74,791
Proprietors' income[6]	76,886	73,717	80,896	91,584	88,780	109,069	132,182	98,814	82,618	151,109	134,116	174,429
Farm	2,934	1,236	3,622	6,064	−3,291	11,453	39,553	5,598	−25,002	28,270	4,221	34,996
Nonfarm	73,952	72,481	77,274	85,520	92,071	97,616	92,629	93,216	107,620	122,839	129,895	139,433
Earnings by industry:												
Farm	7,318	5,876	8,144	10,556	1,273	16,074	68,383	35,244	3,635	56,350	32,908	64,001
Nonfarm	593,301	609,313	640,798	672,471	677,065	685,237	679,421	735,271	804,129	869,393	940,682	964,884
Private	437,890	445,710	471,074	499,139	496,510	503,531	552,897	598,722	657,799	715,668	776,021	787,501
Agricultural services, forestry, fisheries, and other[7]	2,103	2,059	2,771	2,423	2,093	2,451	8,191	9,373	11,185	11,314	10,738	12,103
Agricultural services	2,049	2,058	2,630	2,340	2,013	2,357	8,119	9,357	11,016	11,231	10,456	11,789
Forestry, fisheries, and other[7]	54	(L)	141	83	80	94	72	(L)	169	83	282	314
Mining	2,216	2,453	2,184	2,133	2,591	1,995	17,888	18,498	17,215	21,541	28,665	23,819
Coal mining	(L)	(L)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(D)	(D)
Oil and gas extraction	1,846	2,179	1,712	1,908	2,456	2,209	17,668	17,826	16,732	(D)	26,497	21,756
Metal mining	(L)	(D)	(D)	(D)	(L)	(L)	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	363	(D)	(D)	(D)	92	(D)	218	672	480	(D)	(D)	(D)
Construction	41,925	41,109	44,670	47,291	45,018	47,543	72,381	72,193	83,826	104,154	112,120	108,268
Manufacturing	27,474	25,078	28,073	27,360	27,245	29,686	144,413	172,369	197,786	199,256	216,889	227,008
Nondurable goods	21,698	22,808	24,343	23,624	23,702	26,066	30,040	43,419	54,424	59,872	64,091	67,487
Food and kindred products	12,616	13,458	14,682	13,398	11,124	12,171	23,094	35,739	46,385	51,135	56,074	57,874
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)	(D)	(D)	(D)	(D)	239	106
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Printing and publishing	4,815	5,195	5,543	5,805	6,097	6,526	3,863	3,886	4,088	4,813	6,509	8,179
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	987	1,015	969	896	732	745
Petroleum and coal products	2,392	1,985	1,848	1,875	3,203	3,853	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)	286	272	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	(D)	0	0	0	0	0	0
Durable goods	5,776	2,270	3,730	3,736	3,543	3,620	114,373	128,950	143,362	139,384	152,798	159,521
Lumber and wood products	306	284	369	228	212	232	5,398	4,379	4,227	3,026	2,694	3,772
Furniture and fixtures	273	(D)	(D)	313	(D)	(D)	(D)	76	0	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	160	153	104	(D)	(D)
Fabricated metal products	1,148	(D)	(D)	202	93	0	2,228	2,754	3,104	3,865	3,893	4,613
Machinery, except electrical	162	214	229	(D)	453	139	6,855	5,893	18,617	28,733	32,568	29,910
Electric and electronic equipment	0	0	0	0	0	0	(D)	(D)	(D)	(D)	2,737	2,932
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(L)	0	0	0	0	0	2,029	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,321	1,087	1,753	1,949	2,101	2,652	2,968	3,939	4,026	3,928	(D)	2,788
Instruments and related products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	99	233	251	(D)	(D)	343	435	500	668	1,212	793
Transportation and public utilities	48,455	49,641	46,632	51,697	51,268	51,488	54,188	58,309	57,318	64,095	68,055	68,057
Railroad transportation	8,031	8,011	8,205	9,192	8,590	7,696	1,298	1,523	1,782	2,063	2,122	1,112
Trucking and warehousing	17,152	15,155	13,988	17,772	17,109	17,548	24,197	24,906	22,628	28,675	30,581	29,256
Water transportation	0	0	0	0	0	0	(L)	(L)	(L)	(L)	0	0
Other transportation[8]	4,768	5,270	5,636	7,100	7,362	8,620	(D)	3,057	3,976	4,066	3,955	4,015
Communication	12,861	14,399	11,576	9,450	9,281	8,324	(D)	15,739	13,375	11,915	11,842	12,192
Electric, gas, and sanitary services	5,643	6,806	7,227	8,183	8,926	9,300	10,644	13,085	15,558	17,377	19,555	21,482
Wholesale trade	61,446	60,308	60,587	63,428	57,614	51,767	45,976	46,051	45,269	50,419	53,678	52,939
Retail trade	80,298	82,442	88,426	95,767	93,323	90,816	74,351	77,370	85,586	91,794	93,519	93,224
Finance, insurance, and real estate	41,200	42,803	47,725	48,185	47,713	50,626	35,382	36,065	39,051	41,833	48,455	51,711
Banking and credit agencies	13,114	13,975	14,750	14,741	14,884	13,992	13,090	(D)	(D)	16,321	16,681	16,620
Other finance, insurance, and real estate[9]	28,086	28,828	32,975	33,444	32,829	36,634	22,292	(D)	(D)	25,512	31,774	35,091
Services	132,773	139,817	150,006	160,855	169,645	177,159	100,127	108,494	120,563	131,262	143,902	150,372
Hotels and other lodging places	(D)	5,477	5,733	5,140	4,962	5,060	902	893	1,112	1,423	1,341	1,136
Personal services	6,399	7,316	7,409	7,143	8,556	8,884	7,971	8,653	9,136	9,346	11,293	11,958
Private households	1,820	(D)	(D)	(D)	(D)	2,363	1,953	2,135	2,264	2,531	2,567	2,650
Business services	17,892	18,993	19,707	22,701	23,060	21,980	11,486	13,395	17,609	21,372	24,437	24,521
Auto repair, services, and garages	8,243	6,472	7,250	7,906	7,991	8,191	6,321	6,204	6,714	7,558	7,744	7,911
Miscellaneous repair services	2,033	2,167	2,442	2,466	1,991	2,109	4,756	4,154	5,049	6,086	7,051	8,250
Amusement and recreation services	1,895	1,932	2,134	2,286	2,299	2,565	3,077	3,034	3,462	3,717	3,933	3,449
Motion pictures	638	(D)	(D)	(D)	(D)	741	(D)	(D)	(D)	(D)	(D)	(D)
Health services	52,647	61,297	66,761	69,101	73,089	77,067	32,678	38,674	42,850	43,537	48,013	50,704
Legal services	9,477	10,315	11,429	14,909	16,589	18,155	3,543	4,243	4,450	5,445	5,918	6,048
Educational services	3,689	3,749	3,820	4,254	4,238	4,288	3,102	(D)	(D)	(D)	(D)	(D)
Social services	3,979	3,767	3,803	4,285	4,779	5,326	1,538	1,442	1,679	2,437	1,672	1,535
Museums, botanical, zoological gardens	(D)	(D)	(D)	279	288	316	0	0	0	0	0	0
Membership organizations	5,153	5,266	5,386	5,790	5,364	5,302	(D)	8,303	8,753	9,484	9,907	9,991
Miscellaneous services	13,307	10,356	11,130	11,686	13,402	14,812	15,269	14,291	15,028	15,542	16,940	18,797
Government and government enterprises	155,411	163,603	169,724	173,332	180,555	181,706	126,524	136,549	146,330	153,725	164,661	177,383
Federal, civilian	35,190	36,006	37,091	37,228	38,648	39,969	7,081	7,669	8,610	9,530	9,612	10,060
Military	68,042	71,738	72,896	73,089	75,491	75,969	2,305	3,036	3,506	3,419	3,595	4,020
State and local	52,179	55,859	59,737	63,015	66,416	65,768	117,138	125,844	134,214	140,776	151,454	163,303

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Green Bay, WI (MSA)						Greensboro—Winston—Salem—High Point, NC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,875,477**	**2,007,620**	**2,160,042**	**2,361,047**	**2,526,374**	**2,697,954**	**8,915,088**	**9,352,526**	**10,131,030**	**11,262,120**	**12,141,747**	**13,043,628**
Nonfarm personal income	1,846,146	1,981,931	2,141,074	2,333,793	2,500,587	2,661,678	8,817,302	9,262,223	10,064,200	11,166,484	12,057,288	12,961,640
Farm income[1]	29,331	25,689	18,968	27,254	25,787	36,276	97,786	90,303	66,830	95,636	84,459	81,988
Population (thousands)[2]	178.3	180.0	181.8	183.7	185.1	187.2	861.5	869.1	876.1	884.7	894.3	899.5
Per capita personal income (dollars)	**10,517**	**11,156**	**11,881**	**12,853**	**13,647**	**14,414**	**10,348**	**10,761**	**11,564**	**12,730**	**13,576**	**14,501**
Derivation of total personal income:												
Total earnings by place of work	1,503,857	1,589,051	1,711,882	1,894,526	2,033,238	2,170,392	7,279,036	7,558,650	8,181,759	9,139,187	9,858,132	10,577,365
Less: Personal contributions for social insurance[3]	92,066	101,849	106,710	118,461	134,011	143,209	423,385	453,942	485,494	542,981	613,562	662,636
Plus: Adjustment for residence	−60,004	−61,148	−71,185	−82,934	−85,382	−75,897	−244,168	−265,365	−272,437	−311,195	−329,408	−340,990
Equals: Net earnings by place of residence	1,351,787	1,426,054	1,533,987	1,693,131	1,813,845	1,951,286	6,611,483	6,839,343	7,423,828	8,285,011	8,915,162	9,573,739
Plus: Dividends, interest, and rent[5]	291,518	321,933	343,241	380,809	407,970	429,122	1,257,482	1,348,970	1,456,005	1,687,803	1,834,389	1,974,588
Plus: Transfer payments	232,172	259,633	282,814	287,107	304,559	317,546	1,046,123	1,164,213	1,251,197	1,289,306	1,392,196	1,495,301
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,251,384	1,327,683	1,426,898	1,578,394	1,695,496	1,796,287	6,030,375	6,265,977	6,735,663	7,533,545	8,124,856	8,681,049
Other labor income	127,324	142,974	154,820	163,632	173,610	183,225	652,433	715,765	765,917	799,147	841,284	897,872
Proprietors' income[6]	125,149	118,394	130,164	152,500	164,132	190,880	596,228	576,908	680,179	806,495	891,992	998,444
Farm	24,641	20,070	13,549	21,938	20,393	30,885	84,405	75,875	52,923	81,950	70,638	68,170
Nonfarm	100,508	98,324	116,615	130,562	143,739	159,995	511,823	501,033	627,256	724,545	821,354	930,274
Earnings by industry:												
Farm	29,331	25,689	18,968	27,254	25,787	36,276	97,786	90,303	66,830	95,636	84,459	81,988
Nonfarm	1,474,526	1,563,362	1,692,914	1,867,272	2,007,451	2,134,116	7,181,250	7,468,347	8,114,929	9,043,551	9,773,673	10,495,377
Private	1,310,142	1,383,327	1,498,436	1,658,910	1,782,353	1,896,321	6,483,521	6,727,105	7,357,033	8,202,398	8,866,959	9,511,485
Agricultural services, forestry, fisheries, and other[7]	6,676	6,923	8,267	8,239	7,816	9,038	15,388	15,871	20,415	21,585	22,422	25,910
Agricultural services	6,568	6,881	8,075	8,143	7,492	8,673	14,774	15,128*	18,533*	19,840*	20,787*	23,839*
Forestry, fisheries, and other[7]	108	(L)	192	96	324	365	614	(D)	1,178*	1,019*	905*	1,260*
Mining	4,544	1,830	3,763	3,240	7,011	9,272	28,911	25,456	23,192	25,607	35,412	36,049
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	59	63	67
Oil and gas extraction	3,722	3,386	2,787	3,107	4,872	4,903	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	82,429	81,072	92,409	109,178	116,527	123,835	391,634	404,430	433,753	539,064	641,267	757,864
Manufacturing	492,675	523,549	558,200	616,356	665,613	689,903	2,858,118	2,898,960	3,144,177	3,358,076	3,520,413	3,707,514
Nondurable goods	359,936	391,871	430,945	454,438	482,796	491,026	1,690,128	1,735,391	1,893,767	1,856,568	1,932,303	2,093,671
Food and kindred products	97,700	109,273	113,774	122,407	124,846	128,692	(D)	(D)	(D)	112,813*	117,718*	120,431*
Textile mill products	0	0	0	0	0	0	581,472*	567,316*	610,721*	614,512*	627,689*	660,539*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	245	119,115*	126,940*	151,061*	169,425*	153,667*	171,583*
Paper and allied products	226,251	247,286	277,775	288,972	312,774	311,219	(D)	89,047*	99,319*	56,175*	(D)	(D)
Printing and publishing	30,115	29,838	32,683	35,548	38,317	42,111	86,914*	89,520*	103,781*	118,158*	129,459*	140,977*
Chemicals and allied products	1,786	1,892	2,295	2,548	2,621	(D)	81,952*	90,386*	104,319*	121,426*	127,516*	141,847*
Petroleum and coal products	0	0	0	0	0	0	431	(D)	576*	453*	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	544,483	574,955	602,746	566,997*	637,285*	714,598
Rubber and misc. plastic products	1,802	1,642	2,005	2,250	1,516	3,217	(D)	(D)	(D)	58,489	55,526	56,318*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	132,739	131,678	127,255	161,918	182,817	198,877	1,167,990	1,163,569	1,250,410	1,501,508	1,588,110	1,613,843
Lumber and wood products	5,644	4,773	5,892	7,440	7,905	9,579	79,985	66,453	81,738	96,999	101,510	109,326
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	347,540*	338,885*	367,897*	418,700*	448,995*	473,891*
Primary metal industries	7,754	6,614	6,139	6,698	6,515	7,201	(D)	(D)	(D)	28,714	(D)	(D)
Fabricated metal products	18,224	18,994	18,052	18,083	17,607	18,669	101,309*	96,666*	97,008*	172,538*	181,063*	183,349*
Machinery, except electrical	79,405	77,924	69,151	94,958	110,182	114,741	(D)	155,436*	168,446*	177,228*	177,679*	182,610*
Electric and electronic equipment	(D)	429	389	836	1,377	1,524	(D)	328,500*	340,282*	396,279*	420,368*	374,412*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	(D)	(D)	(D)	22,544*	(D)	(D)	40,974*	48,461*	56,969*
Stone, clay, and glass products	5,138	4,704	5,131	5,785	6,690	7,938	63,955*	59,087*	68,143*	90,018*	93,094*	102,462*
Instruments and related products	2,798	3,012	3,363	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,413	1,690	2,186	2,838	3,646	4,307	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	162,375	164,909	169,000	184,455	186,105	201,685	535,788	558,629	609,666	671,644	722,859	752,734
Railroad transportation	14,925	14,251	13,394	14,129	13,261	13,304	16,534	15,812*	16,751*	16,259*	14,860*	15,240*
Trucking and warehousing	79,169	72,282	70,395	77,498	79,230	91,430	263,495*	262,058	287,734	309,339*	316,823*	303,294
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	9,502	10,511	10,989	12,268	14,213	13,583	(D)	(D)	(D)	(D)	(D)	(D)
Communication	18,013	19,994	20,470	20,017	21,320	21,849	(D)	107,168*	109,533*	116,179	121,803	127,250
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	115,958	123,012	130,661	144,430	150,343	160,340	505,909	538,557	539,747	651,536	705,744	772,259
Retail trade	160,438	170,017	190,263	202,913	217,593	235,639	663,257	704,395	810,988	888,366	978,740	1,050,994
Finance, insurance, and real estate	43,920	40,198	47,233	51,430	55,628	68,656	351,144	345,386	398,726	429,295	480,412	561,244
Banking and credit agencies	21,795	22,434	24,866	26,969	29,047	32,784	115,820*	126,708	144,408	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	22,125	17,764	22,367	24,461	26,581	35,872	233,651*	218,678	254,318	(D)	(D)	(D)
Services	241,127	271,817	298,640	338,669	375,717	397,953	1,133,372	1,235,421	1,376,369	1,617,225	1,759,690	1,846,917
Hotels and other lodging places	(D)	6,410	6,353	6,701	6,885	8,050	(D)	21,988*	26,424*	32,681*	35,055*	36,864*
Personal services	11,361	12,380	13,393	15,324	18,012	19,315	63,510	69,913	79,231	85,884	103,967	112,274
Private households	1,447	1,535	1,587	1,750	1,757	1,796	42,463	45,898	48,014	54,055	54,868	56,837
Business services	29,068	39,121	43,479	57,933	67,032	69,232	184,878	209,869	239,595	301,231	350,262	390,634
Auto repair, services, and garages	13,138	12,436	13,717	17,166	17,701	14,476	52,224	49,697	59,918	71,129	79,752	83,050
Miscellaneous repair services	4,616	5,058	6,153	7,796	7,824	8,389	23,948	24,774	31,610	39,934	38,424	40,329
Amusement and recreation services	12,546	13,533	18,593	22,635	22,211	23,257	15,390*	16,807*	18,871*	20,318*	22,550*	(D)
Motion pictures	382	445	413	435	565	764	(D)	1,494*	1,536*	(D)	(D)	(D)
Health services	109,497	125,057	133,978	138,013	149,864	163,017	352,141	405,049	446,156	492,447	532,439	579,152
Legal services	9,457	10,388	12,019	13,596	15,626	16,476	62,951	68,743*	78,955*	101,657	117,114	135,067
Educational services	(D)	9,996	10,715	(D)	(D)	(D)	82,442	91,924	99,653	111,946	118,997	130,899*
Social services	7,085	8,172	8,482	9,345	10,460	9,819	28,647*	28,546*	29,369*	33,558*	37,752*	42,442*
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	(D)	1,584*	1,783*	2,070*	2,288*	2,517*
Membership organizations	8,936	9,872	10,518	11,350	11,881	13,874	45,509*	49,455	51,431	50,808*	53,608	54,662
Miscellaneous services	18,837	17,414	19,240	24,375	32,578	35,517	150,404	146,472	160,482	212,872	205,790	148,815
Government and government enterprises	164,384	180,035	194,478	208,362	225,098	237,795	697,729	741,242	757,896	841,153	906,714	983,892
Federal, civilian	17,526	18,076	19,281	22,001	23,694	25,125	100,542	105,371	115,385	123,504	134,941	137,018
Military	3,532	4,063	5,112	6,232	7,102	7,814	12,868	18,600	16,111	16,569	18,055	19,952
State and local	143,326	157,896	170,085	180,129	194,302	204,856	584,319	617,271	626,400	701,080	753,718	826,922

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Greenville—Spartanburg, SC (MSA)						Hagerstown, MD (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**5,357,019**	**5,581,278**	**6,015,078**	**6,627,278**	**7,097,463**	**7,624,145**	**1,049,672**	**1,114,925**	**1,172,199**	**1,305,720**	**1,387,333**	**1,461,867**
Nonfarm personal income	5,343,856	5,571,680	6,010,594	6,598,780	7,085,986	7,608,657	1,040,368	1,107,586	1,166,907	1,292,984	1,378,332	1,448,334
Farm income[1]	13,163	9,598	4,484	28,498	11,477	15,488	9,304	7,339	5,292	12,736	9,001	13,533
Population (thousands)[2]	579.5	584.4	588.1	593.1	600.3	606.4	111.5	110.7	112.1	113.0	113.7	114.1
Per capita personal income (dollars)	**9,244**	**9,551**	**10,228**	**11,173**	**11,824**	**12,572**	**9,418**	**10,067**	**10,456**	**11,558**	**12,198**	**12,810**
Derivation of total personal income:												
Total earnings by place of work	4,501,208	4,577,728	4,916,600	5,478,261	5,847,540	6,285,467	794,490	791,139	834,317	957,411	1,018,856	1,071,697
Less: Personal contributions for social insurance[3]	258,021	272,497	288,399	321,980	360,954	390,051	47,558	48,450	51,475	59,017	66,752	70,638
Plus: Adjustment for residence	−244,237	−248,843	−260,215	−288,760	−296,910	−294,371	−15,120	−669	−12,323	−22,115	−18,910	−19,286
Equals: Net earnings by place of residence	3,998,950	4,056,388	4,367,986	4,867,521	5,189,676	5,601,045	731,812	742,020	770,519	876,279	933,194	981,773
Plus: Dividends, interest, and rent[4]	643,313	724,066	799,300	889,046	964,357	1,030,528	157,320	183,980	192,864	215,245	228,505	243,481
Plus: Transfer payments	714,756	800,824	847,792	870,711	943,430	992,572	160,540	188,925	208,816	214,196	225,634	236,613
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,804,916	3,896,601	4,163,499	4,618,887	4,937,620	5,293,007	669,966	667,835	701,920	805,096	859,741	898,135
Other labor income	371,969	400,200	426,181	456,532	478,819	509,380	71,044	72,703	75,073	82,184	83,895	85,550
Proprietors' income[6]	324,323	280,927	326,920	402,842	431,101	483,080	53,480	50,601	57,324	70,131	75,220	88,012
Farm	8,950	5,272	299	24,374	7,330	11,347	4,588	2,205	379	7,939	4,185	8,707
Nonfarm	315,373	275,655	326,621	378,468	423,771	471,733	48,892	48,396	56,945	62,192	71,035	79,305
Earnings by industry:												
Farm	13,163	9,598	4,484	28,498	11,477	15,488	9,304	7,339	5,292	12,736	9,001	13,533
Nonfarm	4,488,045	4,568,130	4,912,116	5,449,763	5,836,063	6,269,979	785,186	783,800	829,025	944,675	1,009,855	1,058,164
Private	4,012,626	4,050,904	4,362,099	4,849,759	5,173,555	5,542,322	663,308	655,543	689,792	781,267	825,424	865,629
Agricultural services, forestry, fisheries, and other[7]	9,338	13,988	15,722	16,662	16,980	18,747	2,170	2,474	2,829	2,839	2,773	3,129
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	2,141	2,476	2,742	2,779	2,716	3,059
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	87	60	57	70
Mining	13,968	12,362	11,058	11,196	15,756	16,011	2,330	2,421	1,961	2,219	3,104	3,366
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	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	396,231	368,374	376,487	438,226	490,634	544,921	44,951	46,381	56,487	60,769	63,622	72,726
Manufacturing	1,761,543	1,776,711	1,913,082	2,098,711	2,141,846	2,250,010	298,495	268,212	252,938	307,735	314,768	298,399
Nondurable goods	1,246,746	1,247,072	1,338,642	1,443,893	1,474,061	1,542,054	50,845	47,095	55,486	64,034	69,840	74,411
Food and kindred products	40,467*	44,983*	45,457*	47,290*	48,331*	51,974	2,550	2,940	3,110	4,933	7,442	10,450
Textile mill products	606,231	569,284	607,288	653,181	635,252	662,238	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	100,669	101,978	115,505	123,944	117,747	118,511	11,397	(D)	(D)	(D)	(D)	(D)
Paper and allied products	77,191*	92,718*	101,887*	114,556*	122,832*	132,612*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	37,817	42,801	49,196	54,678	58,885	61,601	14,935	16,219	19,886	23,468	26,909	28,523
Chemicals and allied products	157,974*	(D)	(D)	(D)	(D)	230,233*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	619	337	289	246	126	(D)	0	0	0	0	0	0
Tobacco manufactures	(D)	493	529	398	562	469	0	0	0	0	0	0
Rubber and misc. plastic products	201,338*	204,636*	210,482*	228,692*	253,186*	265,817*	5,020	(D)	(D)	(D)	(D)	(D)
Leather and leather products	3,780*	2,818*	(D)	2,516*	2,407*	2,260*	7,568	8,507	10,764	(D)	(D)	(D)
Durable goods	514,797	529,639	574,440	654,818	667,785	707,956	247,650	221,117	197,452	243,701	244,928	223,988
Lumber and wood products	14,492	12,711	15,655	17,998	17,369	17,921	3,496	3,640	4,506	5,148	5,592	5,613
Furniture and fixtures	13,356*	(D)	(D)	(D)	(D)	(D)	7,850	7,269	6,988	7,346	6,668	7,761
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	65,390	64,895	78,903	89,847	96,637	102,642	9,582	10,198	9,276	12,353	13,521	11,798
Machinery, except electrical	245,386	250,082	260,271	276,561	275,036	292,048	124,424	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	104,798*	106,884*	127,702*	131,159*	138,601*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	7,661*	(D)	(D)	(D)	(D)	(D)	8,151	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	27,001*	31,328*	38,054*	35,816*	40,359*	46,595*	7,875	7,979	8,527	9,362	9,892	10,801
Instruments and related products	(D)	(D)	(D)	7,555	8,358	10,940	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	16,338*	7,256	(D)	(D)	5,322	6,946	8,250
Transportation and public utilities	253,129	256,271	268,626	290,292	303,696	317,803	66,871	73,201	91,191	101,368	99,285	98,840
Railroad transportation	30,970	30,323	31,633	35,855	35,318	31,463	12,713	13,710	15,251	15,314	13,783	11,197
Trucking and warehousing	109,944	104,246	112,881	126,142	129,061	132,059	17,538	19,248	39,696	47,634	44,819	47,176
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	19,366	22,052	27,094	(D)	(D)	(D)	(D)	(D)	(D)
Communication	63,570	69,142	68,622	64,156	68,979	75,017	15,638	17,737	18,363	18,728	18,759	16,341
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	313,493	300,595	310,545	356,389	386,097	403,450	38,537	38,844	41,394	48,691	53,455	58,586
Retail trade	432,837	445,216	498,135	554,264	609,112	660,871	80,228	85,766	92,479	93,842	107,920	121,251
Finance, insurance, and real estate	177,181	186,124	212,915	233,788	257,089	288,350	17,562	16,764	19,877	21,603	23,797	28,911
Banking and credit agencies	55,452	62,936	73,440	80,406	90,257	96,622	8,044	(D)	(D)	11,476	12,355	13,124
Other finance, insurance, and real estate[9]	121,729	123,188	139,475	153,382	166,832	191,728	9,518	(D)	(D)	10,127	11,442	15,787
Services	654,906	691,263	755,529	850,231	952,345	1,042,159	112,164	121,480	130,636	142,201	156,700	180,421
Hotels and other lodging places	(D)	18,445	18,131	16,423*	(D)	23,608	(D)	4,057	3,563	3,793	4,827	5,316
Personal services	36,036	38,869	41,679	46,577	55,200	59,861	6,117	7,309	8,195	9,351	11,265	12,350
Private households	20,939	22,650	23,682	26,558	26,868	27,864	2,886	3,089	3,224	3,607	3,639	3,783
Business services	79,479	83,908	98,850	118,383	140,318	155,216	11,973	13,757	14,074	15,655	18,349	29,092
Auto repair, services, and garages	33,792	29,826	36,295	41,381	45,554	50,916	6,349	5,987	6,820	7,819	8,103	8,769
Miscellaneous repair services	13,214	14,984	15,347	18,210	18,520	22,019	1,999	2,226	2,667	2,420	2,861	3,432
Amusement and recreation services	11,391	11,484	12,661	14,461	16,127	17,085	1,152	1,171	1,254	1,707	1,915	2,213
Motion pictures	1,852	2,227	2,917	2,615	2,725	2,942	(D)	(D)	(D)	(D)	(D)	(D)
Health services	159,909	181,591	194,388	219,713	242,514	270,373	48,456	53,313	57,332	61,222	65,195	70,180
Legal services	47,142	54,800	60,396	75,638	82,065	92,225	3,829	4,548	5,392	5,846	6,881	7,693
Educational services	38,614	42,549	46,613	49,267*	52,047*	59,970	2,404	2,546	2,672	2,765	3,002	3,463
Social services	11,875	(D)	(D)	(D)	(D)	(D)	7,580	8,388	9,338	10,432	12,092	13,955
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	27,160	29,673	29,823	30,739	31,535	31,934	7,577	8,278	8,597	9,096	9,281	9,417
Miscellaneous services	159,435	148,957	162,568	173,983	200,349	211,779	7,532	6,341	7,008	8,016	8,810	10,309
Government and government enterprises	475,419	517,226	550,017	600,004	662,508	727,657	121,878	128,257	139,233	163,408	184,431	192,535
Federal, civilian	42,751	44,227	47,926	51,098	55,266	56,579	26,174	24,260	27,254	31,912	37,241	36,235
Military	18,812	22,994	26,799	29,519	31,618	30,125	21,823	26,406	27,593	32,594	36,255	37,552
State and local	413,856	450,005	475,292	519,387	575,624	640,953	73,881	77,591	84,386	98,902	110,935	118,748

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Hamilton—Middletown, OH (PMSA)						Harrisburg—Lebanon—Carlisle, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,739,044**	**2,837,773**	**3,022,077**	**3,275,036**	**3,487,320**	**3,666,458**	**5,859,458**	**6,233,936**	**6,582,835**	**7,051,637**	**7,537,471**	**8,034,100**
Nonfarm personal income	2,733,772	2,831,710	3,021,538	3,267,202	3,480,298	3,660,293	5,811,363	6,187,011	6,548,635	6,979,014	7,471,210	7,957,942
Farm income[1]	5,272	6,063	539	7,834	7,022	6,165	48,095	46,925	34,200	72,623	66,261	76,158
Population (thousands)[2]	262.5	262.6	261.2	264.8	268.0	271.5	563.4	564.4	567.6	571.1	574.1	577.3
Per capita personal income (dollars)	**10,436**	**10,808**	**11,571**	**12,370**	**13,013**	**13,506**	**10,401**	**11,046**	**11,598**	**12,347**	**13,130**	**13,916**
Derivation of total personal income:												
Total earnings by place of work	1,801,999	1,772,078	1,829,016	1,975,172	2,059,028	2,180,600	4,819,306	5,018,850	5,313,258	5,800,603	6,179,639	6,607,308
Less: Personal contributions for social insurance[3]	110,489	112,403	119,778	130,114	141,874	151,375	273,273	296,427	318,843	358,391	391,496	421,691
Plus: Adjustment for residence	329,778	373,732	437,636	491,626	584,740	599,891	−526,062	−567,935	−627,099	−692,323	−738,656	−759,409
Equals: Net earnings by place of residence	2,021,288	2,033,407	2,146,874	2,336,684	2,501,894	2,629,116	4,019,971	4,154,488	4,367,316	4,749,889	5,049,487	5,426,208
Plus: Dividends, interest, and rent[5]	359,948	385,666	422,213	463,873	483,878	507,725	865,093	973,684	1,030,592	1,123,724	1,219,224	1,276,744
Plus: Transfer payments	357,808	418,700	452,990	474,479	501,548	529,617	974,394	1,105,764	1,184,927	1,178,024	1,268,760	1,331,148
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,489,674	1,467,829	1,506,950	1,623,190	1,696,265	1,794,218	4,031,349	4,212,135	4,444,153	4,825,057	5,146,526	5,485,348
Other labor income	179,017	180,795	185,850	190,220	191,369	199,964	402,845	433,674	455,494	481,560	503,185	532,965
Proprietors' income[6]	133,308	123,454	136,216	161,762	171,394	186,418	385,112	373,041	413,611	493,986	529,928	588,995
Farm	3,610	4,346	−1,131	6,173	5,340	4,470	36,950	34,708	22,553	61,229	54,660	64,530
Nonfarm	129,698	119,108	137,347	155,589	166,054	181,948	348,162	338,333	391,058	432,757	475,268	524,465
Earnings by industry:												
Farm	5,272	6,063	539	7,834	7,022	6,165	48,095	46,925	34,200	72,623	66,261	76,158
Nonfarm	1,796,727	1,766,015	1,828,477	1,967,338	2,052,006	2,174,435	4,771,211	4,971,925	5,279,058	5,727,980	6,113,378	6,531,150
Private	1,597,574	1,551,158	1,602,675	1,725,307	1,791,760	1,890,788	3,625,214	3,733,841	3,971,825	4,363,229	4,667,179	5,023,869
Agricultural services, forestry, fisheries, and other[7]	3,425	3,405	4,291	4,086	3,844	4,278	11,132	12,151	15,260	14,886	15,808	18,625
Agricultural services	3,302	3,409	4,009	3,882	3,688	4,088	10,325*	12,019	14,370	14,068	14,971	17,662
Forestry, fisheries, and other[7]	123	(L)	282	204	156	190	353*	132	890	818	837	963
Mining	9,099	7,232	7,297	8,812	10,228	8,449	14,463	12,436	9,836	10,202	22,451	22,988
Coal mining	558	556	642	772	820	849	(D)	(D)	(D)	485	(D)	(D)
Oil and gas extraction	4,817	3,695	3,470	3,611	5,292	5,315	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	(L)	(L)	(L)	(L)	(L)	(L)	−97	(L)	−53	67	197
Nonmetallic minerals, except fuels	3,724	2,986	3,186	4,432	4,112	2,273	(D)	(D)	(D)	(D)	(D)	(D)
Construction	114,807	107,587	107,806	134,188	114,417	133,408	230,163	237,373	257,352	297,721	329,527	378,990
Manufacturing	857,764	808,402	804,875	841,370	865,629	886,624	1,159,431	1,154,658	1,181,924	1,303,835	1,308,194	1,318,161
Nondurable goods	180,771	186,479	199,882	214,732	226,263	250,050	484,494	504,234	539,128	577,387	603,001	633,336
Food and kindred products	4,810	5,275	5,458	4,711	4,452	5,545	214,705	238,371	251,084	270,093	288,416	308,274
Textile mill products	(D)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	46,955*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	57,910	51,724	56,874	56,327	54,841	49,728
Paper and allied products	150,133	155,857	165,256	178,411	189,106	208,627	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	12,574	13,329	16,251	17,326	16,338	15,961	49,903*	54,098*	59,241*	65,511*	74,898*	83,806*
Chemicals and allied products	5,825	6,419	6,733	7,697	8,674	9,651	19,390	(D)	19,951*	18,812*	18,443*	19,232
Petroleum and coal products	2,515	(D)	(D)	(D)	(D)	(D)	281	205	226	182	210	253
Tobacco manufactures	0	0	0	0	0	0	60	105	0	0	0	0
Rubber and misc. plastic products	4,858	3,860	4,604	4,625	5,356	7,948	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	45,680	44,883	41,281	42,252	41,640	41,829
Durable goods	676,993	621,923	604,993	626,638	639,366	636,574	674,937	650,424	642,796	726,448	705,193	684,825
Lumber and wood products	7,213	6,375	6,529	7,394	8,372	9,064	11,108	(D)	9,922*	12,588*	14,376*	17,912*
Furniture and fixtures	17,130	17,085	20,100	20,867	19,744	20,507	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	182,079	160,749	171,730	180,906	210,924	199,568	56,997*	54,538*	54,834*	90,442	108,317	100,209
Machinery, except electrical	66,430	57,203	54,166	59,868	68,293	73,141	57,868	60,704*	61,242*	66,086*	68,966*	75,762*
Electric and electronic equipment	(D)	(D)	(D)	16,778	20,582	21,901	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	20,866	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	5,908	5,385	5,617	5,808	6,801	6,966	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,661*
Miscellaneous manufacturing industries	2,542	2,588	3,702	4,094	4,115	4,541	(D)	5,908	5,861	6,439*	6,525	7,294
Transportation and public utilities	75,960	75,855	78,178	88,005	91,295	93,293	501,029	490,359	503,808	552,838	568,858	605,619
Railroad transportation	11,138	10,890	11,080	11,677	11,480	10,634	88,649	71,035	57,287	59,486	56,767	55,483
Trucking and warehousing	41,000	40,145	42,563	49,893	51,655	54,915	205,030	195,411	211,203	241,338	248,118	264,941
Water transportation	(D)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	3,173	4,078	4,765	5,855	6,620	(D)	(D)	(D)	(D)	39,870	(D)
Communication	12,540	11,512	9,469	10,283	10,318	8,613	(D)	(D)	(D)	(D)	116,111*	(D)
Electric, gas, and sanitary services	9,281	10,142	10,997	11,396	11,992	12,510	69,669*	75,629*	79,242*	92,196*	104,947*	116,019*
Wholesale trade	80,451	81,304	89,096	102,111	106,704	111,573	277,877	297,042	322,064	365,208	407,311	448,795
Retail trade	138,716	141,738	154,833	165,548	181,649	193,727	432,056	443,518	485,691	518,607	560,411	611,327
Finance, insurance, and real estate	77,446	76,477	85,896	86,333	89,346	101,129	243,370	246,471	276,091	297,403	322,386	369,148
Banking and credit agencies	21,076	22,034	23,407	25,979	27,247	(D)	63,408*	69,743	75,364	79,770	(D)	(D)
Other finance, insurance, and real estate[9]	56,370	54,443	62,489	60,354	62,099	(D)	177,650*	176,728	200,727	217,633	(D)	(D)
Services	239,906	249,158	270,403	294,854	328,648	358,307	755,693	839,833	919,799	1,002,529	1,132,233	1,250,216
Hotels and other lodging places	3,150	3,206	3,448	3,422	2,762	4,286	30,518	29,452*	33,106*	34,830*	36,578*	42,152*
Personal services	13,168	15,085	15,571	17,122	21,681	22,775	38,587	40,237	42,466	45,570	56,311	60,940
Private households	2,943	3,126	3,228	3,566	3,566	3,648	(D)	5,824	6,032	6,671	6,655	6,822
Business services	18,195	17,690	20,685	26,050	35,417	40,584	86,335	105,860	123,737	138,959	187,833	206,986
Auto repair, services, and garages	15,806	12,428	12,609	14,541	16,363	19,094	37,144	36,435	40,758	45,542	49,345	54,156
Miscellaneous repair services	3,516	3,873	4,524	5,029	4,438	4,741	14,394	15,691	19,685	22,216	20,047	21,575
Amusement and recreation services	5,189	5,463	5,736	6,327	6,812	6,847	23,111*	26,692*	28,323*	31,468	33,548	34,497
Motion pictures	270	521	551	535	568	477	(D)	1,001*	(D)	1,717	(D)	(D)
Health services	113,825	125,963	136,454	143,605	153,756	164,353	264,810	307,655	332,908	353,387	380,822	430,187
Legal services	11,791	11,220	12,566	14,222	15,281	16,967	42,334	49,779	54,907	64,350	70,732	78,143
Educational services	5,191	(D)	(D)	(D)	(D)	(D)	38,554*	39,329*	43,601*	(D)	(D)	60,690*
Social services	8,649	7,237	7,667	7,951	8,290	8,727	32,467	34,157*	36,456*	40,138*	45,221	48,723
Museums, botanical, zoological gardens	(L)	(D)	(D)	(D)	(D)	(D)	(D)	149	150	195	(D)	(D)
Membership organizations	15,966	18,073	19,178	20,230	21,058	21,637	59,425	65,930	70,678	73,096	78,841	86,517
Miscellaneous services	22,244	20,193	22,957	26,263	32,238	36,621	80,996	79,704	83,924	92,977	105,463	115,113
Government and government enterprises	199,153	214,857	225,802	242,031	260,246	283,647	1,145,997	1,238,084	1,307,233	1,364,751	1,446,199	1,507,281
Federal, civilian	10,425	10,704	11,323	12,267	13,292	13,553	288,134	309,483	333,903	368,345	389,977	385,482
Military	2,946	3,452	3,634	3,776	4,111	4,434	50,791	56,762	63,735	70,752	79,096	85,846
State and local	185,782	200,701	210,845	225,988	242,843	265,660	807,072	871,839	909,595	925,654	977,126	1,035,953

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Hartford—New Britain—Middletown—Bristol, CT (NECMA)						Hickory, NC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**13,667,274**	**14,720,409**	**15,786,306**	**17,381,039**	**18,744,707**	**20,405,287**	**1,789,602**	**1,879,056**	**2,075,806**	**2,326,158**	**2,461,035**	**2,679,839**
Nonfarm personal income	13,620,105	14,666,447	15,736,032	17,328,660	18,687,015	20,344,831	1,764,879	1,860,688	2,055,568	2,286,206	2,426,327	2,639,135
Farm income[1]	47,169	53,962	50,274	52,379	57,692	60,456	24,723	18,368	20,238	39,952	34,708	40,704
Population (thousands)[2]	1,056.2	1,058.7	1,064.4	1,068.0	1,076.2	1,083.4	205.2	207.7	209.3	212.1	215.0	217.6
Per capita personal income (dollars)	**12,940**	**13,905**	**14,831**	**16,275**	**17,418**	**18,834**	**8,722**	**9,046**	**9,916**	**10,969**	**11,444**	**12,315**
Derivation of total personal income:												
Total earnings by place of work	10,892,421	11,593,629	12,512,509	13,892,039	15,244,362	16,894,508	1,549,319	1,591,089	1,779,117	2,022,505	2,134,742	2,332,425
Less: Personal contributions for social insurance[3]	630,084	688,794	740,396	826,693	944,547	1,055,982	90,780	96,582	106,438	120,119	132,790	145,611
Plus: Adjustment for residence	−619,784	−653,929	−695,895	−831,208	−942,944	−1,173,618	−125,470	−124,031	−141,653	−162,501	−173,701	−184,089
Equals: Net earnings by place of residence	9,642,553	10,250,906	11,076,218	12,234,138	13,356,871	14,664,908	1,333,069	1,370,476	1,531,026	1,739,885	1,828,251	2,002,725
Plus: Dividends, interest, and rent[4]	2,410,783	2,662,155	2,750,525	3,109,693	3,183,177	3,411,271	225,794	243,919	262,349	296,926	318,443	343,334
Plus: Transfer payments	1,613,938	1,807,348	1,959,563	2,037,208	2,204,659	2,329,108	230,739	264,661	282,431	289,347	314,341	333,780
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,166,998	9,813,997	10,529,228	11,743,656	12,889,442	14,273,414	1,297,931	1,337,553	1,479,800	1,669,204	1,766,861	1,924,015
Other labor income	1,058,592	1,160,949	1,230,627	1,297,335	1,387,985	1,517,230	125,343	135,214	150,492	161,884	167,983	182,086
Proprietors' income[5]	666,831	618,683	752,654	851,048	966,935	1,103,864	126,045	118,322	148,825	191,417	199,898	226,324
Farm	23,842	30,445	27,678	30,305	35,366	38,102	22,165	15,633	17,598	37,352	32,078	38,066
Nonfarm	642,989	588,238	724,976	820,743	931,569	1,065,762	103,880	102,689	131,227	154,065	167,820	188,258
Earnings by industry:												
Farm	47,169	53,962	50,274	52,379	57,692	60,456	24,723	18,368	20,238	39,952	34,708	40,704
Nonfarm	10,845,252	11,539,667	12,462,235	13,839,660	15,186,670	16,834,052	1,524,596	1,572,721	1,758,879	1,982,553	2,100,034	2,291,721
Private	9,625,425	10,193,934	10,985,028	12,176,238	13,346,588	14,832,076	1,360,344	1,395,427	1,579,709	1,785,137	1,881,000	2,052,614
Agricultural services, forestry, fisheries, and other[7]	31,020	35,736	43,553	47,092	46,811	56,355	2,611	2,523	3,510	3,625	3,473	4,215
Agricultural services	27,675	32,930	38,784	43,646	44,828	54,035	2,490	2,538	3,130	3,338	3,202	3,893
Forestry, fisheries, and other[7]	3,345	2,806	4,769	3,446	1,983	2,320	121	(L)	380	287	271	322
Mining	45,423	42,179	34,902	39,080	54,433	57,855	3,588	3,055	2,622	2,960	4,353	4,491
Coal mining	(D)	1,124	1,444	1,220	1,317	1,377	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	38,673	34,774	26,047	27,273*	40,247*	41,659*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	0	0	0	0	(L)	(L)	(L)	(L)	(L)	50
Nonmetallic minerals, except fuels	(D)	6,288	7,411	8,422*	9,813*	11,622*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	468,786	495,366	593,371	709,115	812,972	987,594	70,521	68,772	73,341	85,825	94,193	104,157
Manufacturing	3,716,565	3,725,903	3,738,984	4,069,481	4,291,975	4,511,931	805,416	808,126	920,766	1,040,327	1,081,232	1,175,627
Nondurable goods	508,513	569,579	566,032	598,081	628,463	675,627	340,324	343,983	386,846	410,370	429,432	458,479
Food and kindred products	103,027*	134,932*	121,811*	126,607*	126,921*	134,485*	(D)	22,280	23,447	24,559*	26,240	28,889
Textile mill products	24,609	(D)	(D)	29,073	(D)	(D)	203,596	202,763	231,443	224,123*	225,173*	248,056*
Apparel and other textile products	21,837*	24,690*	27,752*	26,663*	27,613	26,932*	41,488	41,106	43,092	47,673	51,201	54,155
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	173,179	175,943	182,704	190,186	211,627	236,821	18,657*	20,770*	23,722*	29,297*	33,750*	36,004*
Chemicals and allied products	62,814*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,099	1,879	2,075	(D)	2,744	(D)	342	338	489	491	508	648
Tobacco manufactures	1,846	(D)	(D)	(D)	2,794	2,606	0	0	0	0	0	0
Rubber and misc. plastic products	67,104	79,682	71,364	81,056	84,373	87,930	15,746*	12,753*	13,714*	15,694*	(D)	20,264*
Leather and leather products	282	347	187	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	3,208,052	3,156,324	3,172,952	3,471,400	3,663,512	3,836,304	465,092	464,143	533,920	629,957	651,800	717,148
Lumber and wood products	21,076*	(D)	(D)	(D)	(D)	(D)	29,553	25,082	30,351	35,440	36,379	40,037
Furniture and fixtures	(D)	12,868*	14,611*	17,109*	17,045*	19,575*	299,586	295,717	343,453	389,016	392,483	432,327
Primary metal industries	72,049*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	61,882	68,423*	79,239*
Fabricated metal products	633,862	625,412	621,768	496,302	519,961	525,438	11,601*	(D)	(D)	(D)	(D)	28,852
Machinery, except electrical	647,258	573,981	544,859	613,771	621,267	770,314	14,840	10,052*	10,879*	(D)	(D)	14,349*
Electric and electronic equipment	254,894	261,179	287,096	487,638	500,635	367,887	(D)	53,908*	55,398*	70,410*	74,970*	83,542*
Transportation equip. exc. motor vehicles	1,379,405	1,276,014*	1,284,781*	1,356,973*	1,491,482*	1,573,461*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	30,576*	(D)	(D)	(D)	(D)	(D)	930	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	23,142	23,360*	26,868*	34,298*	42,040*	43,874	8,415	8,145*	9,254*	15,498*	20,025*	19,396*
Instruments and related products	(D)	90,222*	88,387*	105,033*	116,344	125,389	(D)	(D)	(D)	(D)	885*	(D)
Miscellaneous manufacturing industries	36,114	41,941	57,674	63,050*	70,269*	74,281*	(D)	(D)	(D)	4,357*	3,542*	3,140*
Transportation and public utilities	481,500	518,847	566,787	640,710	698,943	758,441	68,550*	77,148	85,707	97,246	96,428	105,356
Railroad transportation	(D)	6,189	4,273	4,101	3,820	3,637	(D)	1,611	1,671	1,518*	2,262*	2,102*
Trucking and warehousing	107,361	105,337	114,795	132,898	139,906	159,506	36,994	39,158	46,620	55,266	54,608	59,046
Water transportation	(D)	2,313*	3,721*	5,202*	6,907*	9,774*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[6]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	115,957	136,222	141,833	158,509	162,338	164,843	(D)	(D)	(D)	(D)	16,847	17,605
Electric, gas, and sanitary services	149,549	158,951*	181,793*	197,452*	217,594*	238,429*	14,911	(D)	(D)	(D)	(D)	(D)
Wholesale trade	730,866	759,471	804,273	873,989	987,131	1,138,032	77,593*	87,952	90,534	107,319	118,177	125,866
Retail trade	897,543	954,836	1,078,898	1,204,108	1,315,010	1,469,477	131,106	139,964	166,953	185,179	197,018	216,988
Finance, insurance, and real estate	1,474,368	1,669,985	1,869,358	2,045,802	2,279,310	2,658,562	28,613	26,909	31,535	34,523	36,705	42,847
Banking and credit agencies	186,809*	226,309*	250,369*	282,151*	327,710*	410,849	16,156	15,753*	17,088*	18,222*	19,499*	21,015*
Other finance, insurance, and real estate[8]	1,254,146*	1,437,144*	1,609,393*	1,632,963*	1,746,861*	2,247,713	12,457	9,872*	12,953*	14,180*	15,188*	19,767*
Services	1,779,354	1,991,611	2,254,902	2,546,861	2,860,003	3,193,829	166,284	180,978	204,741	228,133	249,421	273,067
Hotels and other lodging places	(D)	(D)	(D)	42,519*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	75,746	84,207	96,202	105,432	127,795	140,580	13,947	14,684	16,871	18,121	20,187*	22,212*
Private households	21,249	(D)	(D)	(D)	(D)	(D)	4,279	4,618	4,829	5,424	5,516	5,711
Business services	294,508	346,007	419,527	496,208	566,516	658,532	14,607	17,963	23,673	29,951	31,459	33,518
Auto repair, services, and garages	69,881	74,254	89,874	102,594	114,283	127,630	14,131	14,682	16,955	19,832	20,944	21,537
Miscellaneous repair services	36,781	40,187	45,358	47,575	48,966	58,137	7,108	8,068	9,442	10,455	8,850	10,268
Amusement and recreation services	46,408	42,437	45,686	51,302	57,869	65,827	3,189*	3,255*	3,670*	4,341*	5,396*	5,610
Motion pictures	(D)	2,741*	(D)	(D)	(D)	(D)	479	547	470	607	562	487
Health services	665,054	773,138	850,508	927,904	1,018,456	1,092,493	67,942	73,722*	82,604*	86,531*	94,098*	103,429*
Legal services	124,968	138,314	163,341	205,439	235,470	275,590	7,505	8,258	9,346	11,884	13,094	14,961
Educational services	103,524	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	54,820	60,610	68,686	74,186	86,038	100,493	3,449	2,955	3,314	3,741	5,231	(D)
Museums, botanical, zoological gardens	(D)	2,822	3,069	3,263	3,437	3,485	0	0	0	0	0	0
Membership organizations	73,200*	85,946	91,810	99,472	114,077	120,239	(D)	(D)	(D)	9,745	9,957	9,748
Miscellaneous services	173,587	171,549	192,621	224,719	263,245	303,931	11,673	9,594	9,861	12,868	15,579	17,318
Government and government enterprises	1,219,827	1,345,733	1,477,207	1,663,422	1,840,082	2,001,976	164,252	177,294	179,170	197,416	219,034	239,107
Federal, civilian	178,555	193,316	200,910	220,166	231,587	234,674	12,037	12,296	12,890	13,663	14,694	15,049
Military	20,765	23,714	22,564	24,923	31,119	34,411	2,643	4,048	3,414	3,533	3,919	4,272
State and local	1,020,507	1,128,703	1,253,733	1,418,333	1,577,376	1,732,891	149,572	160,950	162,866	180,220	200,421	219,786

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Honolulu, HI (MSA)						Houma—Thibodaux, LA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**9,039,948**	**9,570,612**	**10,396,300**	**11,063,883**	**11,791,996**	**12,561,474**	**1,959,916**	**2,057,467**	**1,983,291**	**2,039,138**	**2,076,974**	**1,980,618**
Nonfarm personal income	8,991,630	9,520,424	10,322,277	11,009,440	11,724,880	12,486,145	1,947,171	2,042,352	1,974,050	2,033,800	2,070,016	1,965,033
Farm income[1]	48,318	50,188	74,023	54,443	67,116	75,329	12,745	15,115	9,241	5,338	6,958	15,585
Population (thousands)[2]	768.4	778.6	793.2	801.4	811.1	816.7	183.6	188.2	189.6	189.0	189.1	189.1
Per capita personal income (dollars)	**11,765**	**12,292**	**13,107**	**13,805**	**14,538**	**15,380**	**10,674**	**10,933**	**10,462**	**10,786**	**10,985**	**10,476**
Derivation of total personal income:												
Total earnings by place of work	6,965,860	7,422,140	7,990,132	8,472,340	9,047,703	9,640,085	1,558,457	1,581,725	1,408,095	1,437,178	1,458,007	1,298,898
Less: Personal contributions for social insurance[3]	425,900	470,187	490,933	522,749	559,912	602,555	81,639	87,559	75,689	78,780	83,729	75,206
Plus: Adjustment for residence	4,201	6,358	6,916	6,665	8,663	12,086	103,107	112,295	129,649	141,823	139,229	158,581
Equals: Net earnings by place of residence	6,544,161	6,958,311	7,506,115	7,956,256	8,496,454	9,049,616	1,579,925	1,606,461	1,462,055	1,500,221	1,513,507	1,382,273
Plus: Dividends, interest, and rent[5]	1,292,886	1,297,453	1,441,531	1,608,707	1,703,261	1,832,660	212,678	252,099	274,699	291,658	299,196	306,695
Plus: Transfer payments	1,202,901	1,314,848	1,448,654	1,498,920	1,592,281	1,679,198	167,313	198,907	246,537	247,259	264,271	291,650
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,067,471	6,451,720	6,837,696	7,226,142	7,687,317	8,147,507	1,297,660	1,322,446	1,151,955	1,184,590	1,182,810	1,020,672
Other labor income	458,595	519,151	567,454	605,119	621,353	663,789	135,437	138,389	118,787	116,350	115,177	100,770
Proprietors' income[6]	439,794	451,269	584,982	641,079	739,033	828,789	125,360	120,890	137,353	136,238	160,020	177,456
Farm	13,193	11,943	37,044	17,486	30,316	38,459	7,202	8,735	3,104	−549	1,001	9,527
Nonfarm	426,601	439,326	547,938	623,593	708,717	790,330	118,158	112,155	134,249	136,787	159,019	167,929
Earnings by industry:												
Farm	48,318	50,188	74,023	54,443	67,116	75,329	12,745	15,115	9,241	5,338	6,958	15,585
Nonfarm	6,917,542	7,371,952	7,916,109	8,417,897	8,980,587	9,564,756	1,545,712	1,566,610	1,398,854	1,431,840	1,451,049	1,283,313
Private	4,601,469	4,782,484	5,176,311	5,504,489	5,892,422	6,403,174	1,397,300	1,395,376	1,222,648	1,251,021	1,261,350	1,095,604
Agricultural services, forestry, fisheries, and other[7]	27,066	24,249	28,532	33,075	34,409	38,600	15,408	13,444	19,375	11,160	22,205	21,696
Agricultural services	21,519	20,767	23,224	28,709	28,004	31,945	1,687	1,785	1,894	1,547	1,454	1,412
Forestry, fisheries, and other[7]	5,547	3,482	5,308	4,366	6,405	6,655	13,721	11,659	17,481	9,613	20,751	20,284
Mining	16,890	13,328	11,163	12,153	18,011	18,552	325,318	324,590	268,838	277,496	295,806	231,868
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	13,343	11,164	12,168	18,014	18,547	320,715	319,911	264,227	(D)	(D)	(D)
Metal mining	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	0	0	(L)	(L)	(L)	(L)	4,601	4,677	4,608	(D)	(D)	(D)
Construction	500,681	458,116	520,003	487,578	529,729	605,634	115,056	117,356	101,787	108,610	102,844	73,876
Manufacturing	345,811	349,708	372,249	363,151	393,570	423,453	240,263	208,556	138,882	128,154	119,177	102,394
Nondurable goods	262,624	267,459	285,507	279,684	300,915	321,005	35,001	34,477	33,364	34,707	35,178	36,503
Food and kindred products	108,210	112,774	111,600	111,116	106,854	118,274	23,376	25,700	24,325	25,321	26,182	25,294
Textile mill products	(D)	(D)	(D)	3,651	(D)	(D)	(L)	(L)	0	0	0	0
Apparel and other textile products	25,992	26,495	27,555	28,612	32,345	34,768	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	5,028	4,927	5,234	5,242	5,664	6,277	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	91,146	90,332	104,757	96,626	117,378	124,734	3,732	4,206	4,483	(D)	(D)	(D)
Chemicals and allied products	8,306	8,513	9,020	9,447	8,964	8,737	(D)	(D)	(D)	(D)	(D)	1,592
Petroleum and coal products	18,074	18,806	20,963	20,613	21,731	19,949	194	53	0	0	0	(D)
Tobacco manufactures	(L)	(L)	(L)	(D)	(L)	150	0	0	0	0	0	0
Rubber and misc. plastic products	2,553	(D)	(D)	3,094	2,858	2,931	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	83,187	82,249	86,742	83,467	92,655	102,448	205,262	174,079	105,518	93,447	83,999	65,891
Lumber and wood products	5,514	4,816	4,521	4,090	(D)	5,741	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	7,259	8,271	9,294	0	(D)	(D)	0	0	0
Primary metal industries	(D)	1,099	914	(D)	923	905	(D)	(D)	(D)	(D)	(D)	0
Fabricated metal products	13,287	14,472	16,547	16,470	14,840	17,560	(D)	(D)	(D)	(D)	(D)	9,210
Machinery, except electrical	(D)	3,243	3,015	4,534	3,504	3,526	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	597	730	2,373	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	12,038	11,866	(D)	(D)	16,163	109,790	87,697	43,711	42,981	43,075	31,803
Motor vehicles and equipment	191	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	31,419	29,799	30,638	26,968	32,304	33,622	(D)	1,070	735	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	8,814	9,143	11,587	10,930	11,522	82	68	93	85	98	58
Transportation and public utilities	634,208	667,171	670,909	722,379	751,011	812,111	185,221	183,359	164,356	164,975	169,839	142,086
Railroad transportation	0	0	0	0	0	0	3,838	3,351	2,984	2,585	1,834	1,405
Trucking and warehousing	46,685	46,468	51,708	59,029	63,194	68,577	(D)	(D)	(D)	(D)	16,882	16,290
Water transportation	48,904	54,019	61,091	61,877	63,848	63,255	114,588	109,762	88,815	86,011	92,061	67,939
Other transportation[8]	334,323	339,386	319,847	347,269	353,571	393,478	16,163	14,824	16,996	17,832	17,517	16,778
Communication	151,388	169,130	179,841	191,592	197,114	205,123	(D)	(D)	(D)	(D)	21,830	19,287
Electric, gas, and sanitary services	52,908	58,168	58,422	62,612	73,284	81,678	14,349	16,658	18,021	20,460	19,715	20,387
Wholesale trade	302,526	324,065	334,603	361,835	393,010	409,166	86,538	93,753	83,325	88,754	79,717	64,903
Retail trade	784,295	823,126	876,215	940,831	989,727	1,034,494	162,474	166,170	159,344	160,405	163,916	150,443
Finance, insurance, and real estate	529,499	527,707	581,621	600,436	643,042	719,864	38,378	42,823	44,670	47,910	51,346	51,626
Banking and credit agencies	160,082	(D)	(D)	(D)	(D)	(D)	20,899	25,534	27,081	27,292	28,391	28,598
Other finance, insurance, and real estate[9]	369,417	(D)	(D)	(D)	(D)	(D)	17,479	17,289	17,589	20,618	22,955	23,028
Services	1,460,493	1,595,014	1,781,016	1,983,051	2,139,913	2,341,300	228,644	245,325	242,071	263,557	256,500	256,712
Hotels and other lodging places	243,807	254,968	272,886	295,013	304,626	320,652	3,995	4,198	4,396	(D)	4,396	(D)
Personal services	57,773	61,816	67,029	73,881	83,555	91,344	7,606	9,135	9,884	10,189	11,875	11,514
Private households	(D)	16,362	17,335	19,538	19,813	20,482	6,705	7,303	7,661	8,528	8,566	8,798
Business services	217,614	238,553	282,801	321,034	362,814	409,386	82,828	89,852	79,825	84,775	78,195	70,681
Auto repair, services, and garages	63,087	66,763	75,819	82,050	80,454	85,517	9,923	9,325	9,633	10,456	10,405	10,526
Miscellaneous repair services	21,719	21,194	27,060	29,828	26,706	29,177	19,028	19,430	15,985	17,884	14,122	12,651
Amusement and recreation services	47,585	48,967	56,796	64,619	68,332	72,674	2,018	2,084	2,354	2,808	3,081	2,646
Motion pictures	11,462	12,900	13,152	18,189	16,613	17,975	(D)	(D)	(D)	(D)	(D)	(D)
Health services	367,046	421,603	464,124	511,966	558,429	609,640	48,633	55,434	60,249	64,719	63,628	70,418
Legal services	92,006	116,138	140,455	174,287	195,513	211,664	11,236	14,035	16,802	21,896	23,476	26,623
Educational services	64,208	73,875	81,577	92,670	95,552	102,494	(D)	(D)	(D)	(D)	(D)	(D)
Social services	31,450	33,391	38,204	41,962	47,168	51,306	2,871	3,379	3,649	3,389	3,957	4,364
Museums, botanical, zoological gardens	(D)	4,478	4,566	4,831	5,144	5,370	0	0	0	0	0	0
Membership organizations	72,518	77,003	79,166	82,649	86,946	89,761	7,555	8,371	8,816	9,587	9,771	9,817
Miscellaneous services	151,312	147,003	160,046	170,534	188,248	223,858	22,525	18,655	18,381	19,955	20,134	18,930
Government and government enterprises	2,316,073	2,589,468	2,739,798	2,913,408	3,088,165	3,161,582	148,412	171,234	176,206	180,819	189,699	187,709
Federal, civilian	696,882	771,726	832,003	888,387	928,341	913,135	9,145	9,599	10,184	10,731	11,946	11,521
Military	896,061	1,024,371	1,076,107	1,156,991	1,246,102	1,274,128	2,936	4,224	4,321	4,451	4,910	5,249
State and local	723,130	793,371	831,688	868,030	913,722	974,319	136,331	157,411	161,701	165,637	172,843	170,939

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Houston, TX (PMSA)						Huntington—Ashland, WV—KY—OH (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**40,405,061**	**44,391,607**	**44,400,923**	**46,885,564**	**49,032,743**	**48,633,598**	**2,916,961**	**3,010,850**	**3,047,422**	**3,227,195**	**3,351,150**	**3,421,910**
Nonfarm personal income	40,347,244	44,333,374	44,330,128	46,791,494	48,946,211	48,559,871	2,902,267	2,995,008	3,039,702	3,210,880	3,341,538	3,413,440
Farm income[1]	57,817	58,233	70,795	94,070	86,532	73,727	14,694	15,842	7,720	16,315	9,612	8,470
Population (thousands)[2]	2,897.3	3,081.5	3,173.0	3,192.1	3,204.6	3,230.7	337.3	334.7	335.6	334.6	331.4	328.2
Per capita personal income (dollars)	**13,946**	**14,406**	**13,993**	**14,688**	**15,301**	**15,053**	**8,648**	**8,995**	**9,080**	**9,644**	**10,111**	**10,426**
Derivation of total personal income:												
Total earnings by place of work	36,248,416	39,663,958	39,037,055	40,938,770	42,254,157	40,872,681	2,153,787	2,128,974	2,088,302	2,193,597	2,270,608	2,335,743
Less: Personal contributions for social insurance[3]	1,877,688	2,078,687	2,085,407	2,186,093	2,367,979	2,313,024	116,817	120,668	118,745	126,346	138,296	144,117
Plus: Adjustment for residence	−1,211,540	−1,508,154	−1,450,091	−1,522,245	−1,459,039	−1,168,003	−35,148	−14,688	−13,571	13,372	12,809	−30,776
Equals: Net earnings by place of residence	33,159,188	36,077,117	35,501,557	37,230,432	38,427,139	37,391,654	2,001,822	1,993,618	1,955,986	2,080,623	2,145,121	2,160,850
Plus: Dividends, interest, and rent[5]	4,832,198	5,470,703	5,540,684	6,225,177	6,847,967	7,115,607	368,634	410,704	425,870	465,179	481,720	501,036
Plus: Transfer payments	2,413,675	2,843,787	3,358,682	3,429,955	3,757,637	4,126,337	546,505	606,528	665,566	681,393	724,309	760,024
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	30,384,391	33,338,833	32,440,606	33,890,852	34,865,523	33,359,670	1,777,762	1,757,049	1,711,221	1,788,687	1,853,955	1,900,895
Other labor income	3,212,350	3,666,405	3,555,145	3,508,008	3,453,449	3,294,220	219,466	222,500	217,783	218,817	222,008	224,782
Proprietors' income[6]	2,651,675	2,658,720	3,041,304	3,539,910	3,935,185	4,218,791	156,559	149,425	159,298	186,093	194,645	210,066
Farm	42,434	40,983	54,155	77,676	69,929	57,073	12,491	13,300	5,271	13,903	7,180	6,014
Nonfarm	2,609,241	2,617,737	2,987,149	3,462,234	3,865,256	4,161,718	144,068	136,125	154,027	172,190	187,465	204,052
Earnings by industry:												
Farm	57,817	58,233	70,795	94,070	86,532	73,727	14,694	15,842	7,720	16,315	9,612	8,470
Nonfarm	36,190,599	39,605,725	38,966,260	40,844,700	42,167,625	40,798,954	2,139,093	2,113,132	2,080,582	2,177,282	2,260,996	2,327,273
Private	33,420,713	36,447,005	35,483,190	37,087,086	37,959,778	36,520,958	1,857,881	1,811,246	1,764,828	1,844,860	1,910,090	1,959,848
Agricultural services, forestry, fisheries, and other[7]	95,571	112,660	133,288	140,755	135,171	131,651*	6,688	7,436	8,094	7,407	6,108	6,156
Agricultural services	89,531	108,257	123,606	132,495	126,828	122,121*	(D)	(D)	(D)	7,063	5,892	(D)
Forestry, fisheries, and other[7]	6,040	4,403	9,682	8,260	8,343	9,541	172*	(D)	411*	344	216	(D)
Mining	3,814,194	4,406,583	4,169,627	4,348,768	4,396,531	3,763,155*	45,725	45,719	38,801	38,831	41,649	37,827
Coal mining	(D)	(D)	(D)	(D)	26,624	22,411	31,496*	31,654*	26,629*	(D)	(D)	(D)
Oil and gas extraction	3,658,546*	4,263,865*	4,012,693*	4,174,763*	4,217,709*	3,621,253*	8,406*	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	7,386*	0	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	37,348	(D)	(D)	(D)	23,801*	24,755*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	4,100,260	4,397,558	4,217,885	4,111,120	3,674,083	3,405,571	148,158	154,974	140,435	110,688	120,435	113,139
Manufacturing	6,773,431	6,793,425	5,598,046	5,647,972	5,692,577	5,170,203	698,124	635,191	594,561	637,201	633,684	641,919
Nondurable goods	2,549,066	2,801,799	2,772,389	2,797,290	2,845,704	2,751,690	210,519*	220,410	225,774	226,527	239,730	243,497
Food and kindred products	281,805*	331,253*	341,311*	359,634*	372,299*	388,446*	13,108*	14,484*	14,789*	14,488*	(D)	(D)
Textile mill products	4,934*	3,218	1,860	2,544	2,061	1,536	0	0	0	0	0	0
Apparel and other textile products	17,461*	20,396*	18,603*	20,862*	19,386*	18,377*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	116,982*	(D)	117,314*	122,547*	125,337*	129,945*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	309,478*	354,700	359,424	377,947	407,072	396,017	(D)	(D)	(D)	(D)	(D)	15,792*
Chemicals and allied products	825,478*	881,719*	902,301*	931,831	983,189*	995,305*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	792,316*	912,637*	865,803*	824,819*	784,636*	669,711*	119,475*	122,575*	124,284*	120,765*	129,078	131,146
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	162,809*	152,703*	139,106*	152,969*	145,668*	136,317*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	745	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	4,224,365	3,991,626	2,825,657	2,850,682	2,846,873	2,418,513	477,123*	414,781	368,787	410,674	393,954	398,422
Lumber and wood products	55,912*	65,782*	69,500*	70,196*	68,737	66,905	4,864*	3,994*	4,911*	5,937	(D)	(D)
Furniture and fixtures	25,160*	27,680*	27,556*	30,360*	30,946*	30,649*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	381,886*	291,584*	187,450*	175,411*	123,755*	87,320*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	873,301	836,064*	631,258*	617,044*	628,570*	561,325*	10,967*	10,424*	9,696*	10,158	10,143	11,011
Machinery, except electrical	1,930,464*	1,885,020*	1,177,532*	1,192,945*	1,248,908	986,746*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	6,266*	6,189*	(D)	4,117*	5,491*	5,954*
Transportation equip. exc. motor vehicles	135,355*	116,613*	80,882*	79,170*	(D)	82,785*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	22,837	21,365*	20,103*	23,831*	26,233*	23,914*	1,912	(D)	(D)	(D)	1,590	1,424
Stone, clay, and glass products	181,469*	182,982	173,728	174,059	166,354	151,832	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	154,702*	158,694*	134,767*	155,455*	167,618*	138,354*	4,254	(D)	(D)	(D)	8,780	9,110
Miscellaneous manufacturing industries	69,341	54,649	62,267	77,597	70,256	71,415	(D)	(D)	(D)	408*	(D)	(D)
Transportation and public utilities	2,925,386	3,174,811	3,131,818	3,180,027	3,338,839	3,362,499	282,823	274,511	262,921	285,342	286,822	276,059
Railroad transportation	156,463*	149,183	147,093	160,707	149,733	140,545	146,570	(D)	117,821*	141,020	140,708	130,891
Trucking and warehousing	598,951	596,213	540,033	598,387	596,829	580,439*	37,109	35,689	33,089	38,419	37,388	36,762
Water transportation	339,114*	321,823*	280,378*	283,634*	277,034*	254,510*	(D)	(D)	(D)	(D)	20,597*	(D)
Other transportation[8]	601,116*	691,836*	656,720*	615,912*	678,838*	722,814*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	553,781*	641,810*	655,126*	609,421*	659,749*	629,061*	(D)	(D)	(D)	30,810*	(D)	(D)
Electric, gas, and sanitary services	656,984*	760,838	840,614	902,904	924,455*	972,029*	33,732*	(D)	(D)	(D)	(D)	(D)
Wholesale trade	3,629,880	3,855,506	3,553,523	3,680,580	3,867,222	3,691,025	121,746	124,576	118,570	124,477	132,773	131,186
Retail trade	3,029,113	3,390,412	3,531,940	3,758,824	3,833,781	3,696,331	206,330	204,543	212,955	222,366	229,454	241,377
Finance, insurance, and real estate	2,148,244	2,499,280	2,876,903	3,106,766	3,227,908	3,330,315	66,024	63,240	71,423	73,564	81,179	97,347
Banking and credit agencies	631,797	796,342	898,030	979,578	1,052,239*	1,061,006*	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	1,516,447	1,702,938	1,978,873	2,127,188	2,170,418*	2,264,016*	32,044*	26,993*	33,230*	(D)	(D)	(D)
Services	6,904,634	7,816,770	8,270,160	9,112,274	9,793,666	9,963,401	282,263	301,056	317,068	344,984	377,986	414,838
Hotels and other lodging places	207,922*	224,641*	259,129*	259,397*	235,920*	219,704*	7,348*	6,593*	6,863*	6,805*	(D)	(D)
Personal services	288,450	323,332	349,114	364,754	402,720	402,328	20,299	21,216	22,754	23,462	27,412	30,149
Private households	(D)	147,696	157,554	177,614	181,016	188,741	(D)	7,342	7,631	8,414	8,371	8,524
Business services	1,744,551	1,910,294	2,053,937	2,299,200	2,593,164	2,567,521	30,806	31,343	25,372	28,189	32,912	36,963
Auto repair, services, and garages	249,904	265,302	272,837	307,191	325,072	320,261	12,145	11,903	13,516	16,536	18,298	20,241
Miscellaneous repair services	174,277	176,879	152,553	170,211	161,570	149,676	7,143	6,742*	7,407*	8,291*	7,400	8,704
Amusement and recreation services	120,578*	138,364*	153,390*	174,078*	195,112*	190,449*	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	19,877*	24,303*	20,659*	22,409*	20,736	19,604	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,571,612	1,911,632	2,083,622	2,218,938	2,337,593	2,468,986	120,301	138,496	152,087	162,821	179,774	195,839
Legal services	531,984	676,074	808,311	957,773	1,078,895	1,197,772	17,175	19,354	21,043	24,727	26,527	29,276
Educational services	187,086	214,319	241,512	276,109	297,213	323,307	2,429	2,602	2,777	3,570	3,788	3,894
Social services	93,062	95,011	100,908	115,406	134,336	137,023	(D)	(D)	(D)	10,979*	12,110*	14,513*
Museums, botanical, zoological gardens	(D)	4,634	5,077	5,743	6,411	8,099*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	180,327*	204,811*	221,741*	237,871	251,953	255,324	(D)	19,664	20,180	18,946*	21,268	21,438
Miscellaneous services	1,395,240	1,497,314	1,387,532	1,525,374	1,571,613	1,504,501	23,091	19,846	20,838	23,006	26,146	29,804
Government and government enterprises	2,769,886	3,158,720	3,483,070	3,757,614	4,207,847	4,277,996	281,212	301,886	315,754	332,422	350,906	367,425
Federal, civilian	573,962	604,670	653,198	707,071	765,287	750,551	66,944	68,545	73,280	74,657	75,801	75,609
Military	51,081	66,431	72,509	78,160	86,815	92,250	5,533	6,433	7,345	7,752	8,144	8,747
State and local	2,144,843	2,487,619	2,757,363	2,972,383	3,355,745	3,435,195	208,735	226,908	235,129	250,013	266,961	283,069

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Huntsville, AL (MSA)						Indianapolis, IN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,981,095**	**2,161,899**	**2,372,699**	**2,645,797**	**2,936,473**	**3,201,036**	**13,169,144**	**13,553,864**	**14,339,308**	**15,737,856**	**16,893,924**	**17,999,677**
Nonfarm personal income	1,959,799	2,140,277	2,368,832	2,631,615	2,920,141	3,192,204	13,089,339	13,485,769	14,329,222	15,644,382	16,795,043	17,913,774
Farm income[1]	21,296	21,622	3,867	14,182	16,332	8,832	79,805	68,095	10,086	93,474	98,881	85,903
Population (thousands)[2]	201.5	209.3	214.1	220.3	228.0	233.7	1,176.1	1,181.3	1,185.1	1,194.3	1,203.4	1,212.6
Per capita personal income (dollars)	**9,830**	**10,330**	**11,083**	**12,008**	**12,881**	**13,698**	**11,198**	**11,473**	**12,099**	**13,178**	**14,039**	**14,844**
Derivation of total personal income:												
Total earnings by place of work	1,755,160	1,922,553	2,178,346	2,477,284	2,754,940	2,994,592	10,508,843	10,663,926	11,229,017	12,472,877	13,477,553	14,470,017
Less: Personal contributions for social insurance[3]	101,535	115,007	129,563	147,922	168,444	180,729	578,547	612,659	623,306	694,162	786,606	854,542
Plus: Adjustment for residence	−205,708	−239,315	−303,662	−361,357	−393,301	−399,029	−324,487	−332,769	−332,493	−366,125	−375,581	−440,694
Equals: Net earnings by place of residence	1,447,917	1,568,231	1,745,121	1,968,005	2,193,195	2,414,834	9,605,809	9,718,498	10,273,218	11,412,590	12,315,366	13,174,781
Plus: Dividends, interest, and rent[5]	233,455	258,608	265,291	303,671	334,574	354,460	1,960,206	2,065,575	2,152,948	2,347,957	2,490,140	2,609,308
Plus: Transfer payments	299,723	335,060	362,287	374,121	408,704	431,742	1,603,129	1,769,791	1,913,142	1,977,309	2,088,418	2,215,588
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,521,222	1,670,917	1,901,462	2,156,790	2,397,754	2,613,681	8,810,679	8,961,497	9,423,636	10,386,901	11,224,285	12,047,346
Other labor income	121,824	142,739	169,492	187,973	205,753	222,080	898,271	947,538	1,002,068	1,059,957	1,113,999	1,182,137
Proprietors' income[6]	112,114	108,897	107,392	132,521	151,433	158,831	799,893	754,891	803,313	1,026,019	1,139,269	1,240,534
Farm	17,912	17,775	174	10,563	12,648	5,144	64,135	50,679	−6,806	76,750	81,934	68,797
Nonfarm	94,202	91,122	107,218	121,958	138,785	153,687	735,758	704,212	810,119	949,269	1,057,335	1,171,737
Earnings by industry:												
Farm	21,296	21,622	3,867	14,182	16,332	8,832	79,805	68,095	10,086	93,474	98,881	85,903
Nonfarm	1,733,864	1,900,931	2,174,479	2,463,102	2,738,608	2,985,760	10,429,038	10,595,831	11,218,931	12,379,403	13,378,672	14,384,114
Private	1,094,467	1,226,517	1,439,626	1,662,965	1,881,301	2,121,781	8,967,590	9,044,645	9,556,906	10,590,230	11,452,026	12,337,116
Agricultural services, forestry, fisheries, and other[7]	4,655	4,637	6,224	6,260	4,239	4,055	29,407	31,080	36,898	37,693	36,009	38,524
Agricultural services	4,633	4,638	6,161	6,220	4,120	3,963	28,707	29,634*	34,854*	35,894*	34,281*	36,724*
Forestry, fisheries, and other[7]	(L)	(L)	63	(L)	119	92	700	(D)	(D)	(D)	(D)	(D)
Mining	2,559	2,368	2,104	2,450	3,720	4,305	52,972	49,427	47,160	52,043	63,377	59,202
Coal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	2,935	25,817*	21,166*	18,229*	(D)	28,593*	28,074*
Metal mining	(L)	(L)	(L)	(L)	(L)	53	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	1,317	(D)	(D)	(D)	8,863*	10,099*	11,906*
Construction	55,480	54,457	68,819	90,546	101,491	115,731	592,349	567,265	608,592	696,756	779,185	905,200
Manufacturing	444,661	503,005	650,021	757,165	825,860	875,729	3,114,335	2,967,403	2,977,037	3,323,821	3,452,117	3,522,016
Nondurable goods	101,945	106,648	114,841	121,937	127,677	128,138	883,952	938,612	958,651	1,005,482	1,049,110	1,106,868
Food and kindred products	21,384	23,972	16,959	19,296	20,926	21,854	158,749*	164,301*	172,773*	150,060*	159,547*	165,398*
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	5,405	(D)	(D)	7,694	9,906	7,135	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	3,283	5,091	5,780	(D)	7,030	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	8,335	8,573	9,733	10,673	11,147	12,773	178,815*	186,538*	196,448*	216,394*	233,950*	246,401*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	294	240	578	571	642	744	20,421	21,678	21,967	21,398	21,992	23,293*
Tobacco manufactures	0	124	169	191	184	204	0	0	0	0	0	0
Rubber and misc. plastic products	36,624	(D)	(D)	48,839	51,100	55,585	(D)	(D)	(D)	83,974*	82,207*	86,262*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	342,716	396,357	535,180	635,228	698,183	747,591	2,230,383	2,028,791	2,018,386	2,318,339	2,403,007	2,415,148
Lumber and wood products	(D)	3,964	4,529	4,386	4,043	4,229	31,137*	25,566*	27,354*	32,013*	34,767*	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	9,914	10,135	9,796	10,132	11,041	11,473	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	30,901	29,685	29,282	34,290	35,670	32,965	(D)	187,292*	193,043*	220,191*	230,915*	243,875*
Machinery, except electrical	25,222	28,609	71,864	98,074	129,990	149,094	342,500*	308,945*	302,637*	350,959*	366,005*	363,346*
Electric and electronic equipment	141,141	163,862	224,435	270,623	271,447	279,340	437,948*	379,302*	344,678*	314,955*	283,950*	213,714*
Transportation equip. exc. motor vehicles	94,995	128,596	162,752	182,166	203,184	222,153	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	8,859	(D)	(D)	(D)	(D)	(D)	388,663	350,065*	392,652*	485,749*	546,959*	554,118*
Stone, clay, and glass products	21,913	20,256	19,657	21,647	27,557	28,404	49,336*	49,311*	54,632*	63,340*	66,459*	74,621*
Instruments and related products	5,141	3,758	4,693	6,028	6,977	11,115	49,336*	55,917*	61,996*	67,748*	70,783*	87,717*
Miscellaneous manufacturing industries	212	280	285	458	446	421	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	47,942	52,088	55,526	61,448	65,994	73,934	789,398*	843,474*	905,625*	943,934*	1,008,645*	1,079,495*
Railroad transportation	(D)	(D)	(D)	553	604	613	107,929*	98,821	95,070	104,032*	106,265*	100,915*
Trucking and warehousing	9,069	9,336	10,995	13,708	13,672	15,710	308,258	292,405*	298,642*	336,996*	395,139	403,828*
Water transportation	(L)	(L)	(L)	(L)	(L)	0	−55	−186	−95	−97	(L)	(L)
Other transportation[8]	5,980	7,108	7,717	(D)	(D)	(D)	(D)	(D)	(D)	100,591*	111,475*	122,017*
Communication	32,384	35,169	35,777	34,797	36,769	41,005	(D)	(D)	(D)	288,846	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	63,805	70,623	75,557	90,396	101,440	107,316	813,411	820,332	846,369	948,828	1,038,766	1,100,093
Retail trade	127,896	138,296	155,304	176,147	197,992	219,258	1,063,769	1,085,147	1,166,185	1,262,342	1,352,325	1,475,725
Finance, insurance, and real estate	42,299	42,619	49,948	54,604	63,444	75,622	721,774	741,942	823,629	878,574	957,048	1,096,369
Banking and credit agencies	19,335	20,274	20,578	22,770	25,598	28,373	185,038*	184,364*	197,366*	227,763*	251,948*	289,637*
Other finance, insurance, and real estate[9]	22,964	22,345	29,370	31,834	37,846	47,249	530,925*	521,655*	583,271*	638,481*	692,415*	799,517*
Services	305,170	358,424	376,123	423,949	517,121	645,831	1,678,974*	1,821,737*	2,026,641*	2,319,418*	2,627,704*	2,917,068*
Hotels and other lodging places	7,119	7,678	9,002	9,613	11,695	16,306	46,083*	47,451*	49,552*	57,054*	64,618*	72,668*
Personal services	10,043	10,583	11,292	12,616	16,179	18,269	93,742	99,043	107,833	116,754	141,644	144,740*
Private households	8,285	8,878	9,242	10,296	10,376	10,706	25,127*	27,567	28,559	30,685*	30,746*	31,507*
Business services	118,672	146,495	142,678	158,728	213,685	302,262	239,525	269,433	313,941	385,400	473,400	556,273
Auto repair, services, and garages	9,628	8,555	11,086	13,645	15,553	16,852	80,190	80,414	88,208	101,796	114,155	123,611
Miscellaneous repair services	3,982	4,195	4,838	5,828	6,102	7,022	32,982	35,861	41,062	50,421	49,445	53,251
Amusement and recreation services	2,703	2,806	2,882	3,507	4,169	4,476	34,567*	37,839	41,332	57,296	66,753	76,104
Motion pictures	703	877	1,133	968	1,421	2,209	7,317*	8,649*	8,610*	(D)	(D)	(D)
Health services	72,437	84,416	89,436	98,786	107,737	118,122	631,068	709,474	788,557	858,066	952,702	1,038,026
Legal services	9,205	9,852	10,920	12,644	15,885	19,207	137,718	151,218	171,068	210,865	232,608	260,141
Educational services	7,321	7,493	8,229	9,089	9,946	10,250	46,969*	57,758	61,261	68,764	74,134	81,525
Social services	5,346	5,533	5,101	5,559	6,033	6,468	60,498*	61,477*	65,972*	72,651*	80,085	87,082
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	4,896*	5,328*	(D)	(D)
Membership organizations	9,242	9,853	10,189	11,091	11,866	12,260	105,397	116,432	123,335	130,943	137,003	139,866
Miscellaneous services	40,484	51,210	60,095	71,579	86,474	101,422	160,306	151,085	172,558	207,559	243,066	282,048
Government and government enterprises	639,397	674,414	734,853	800,137	857,307	863,979	1,461,448	1,551,186	1,662,025	1,789,173	1,926,646	2,046,998
Federal, civilian	411,686	436,678	477,514	521,873	546,452	531,109	393,379	412,582	448,642	476,776	518,856	532,195
Military	75,048	77,491	81,353	88,374	94,506	95,418	75,771	87,856	93,440	103,535	113,243	122,603
State and local	152,663	160,245	175,986	189,890	216,349	237,452	992,298	1,050,748	1,119,943	1,208,862	1,294,547	1,392,200

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Iowa City, IA (MSA)						Jackson, MI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**903,033**	**962,339**	**1,012,312**	**1,116,062**	**1,172,798**	**1,265,065**	**1,537,206**	**1,535,088**	**1,587,548**	**1,675,771**	**1,741,117**	**1,829,556**
Nonfarm personal income	877,197	946,132	1,015,791	1,095,212	1,155,956	1,235,318	1,527,097	1,529,201	1,590,080	1,670,252	1,731,577	1,821,122
Farm income[1]	25,836	16,207	−3,479	20,850	16,842	29,747	10,109	5,887	−2,532	5,519	9,540	8,434
Population (thousands)[2]	82.9	83.4	84.3	85.3	85.5	85.3	149.6	148.5	146.6	144.2	143.4	144.4
Per capita personal income (dollars)	**10,898**	**11,537**	**12,015**	**13,080**	**13,724**	**14,834**	**10,277**	**10,337**	**10,829**	**11,622**	**12,144**	**12,666**
Derivation of total personal income:												
Total earnings by place of work	713,398	753,532	798,171	879,319	924,372	994,156	1,067,696	1,030,742	1,035,461	1,090,217	1,129,132	1,188,914
Less: Personal contributions for social insurance[3]	31,127	36,321	38,857	41,951	45,773	49,040	63,504	65,578	64,006	67,576	73,087	77,623
Plus: Adjustment for residence	−890	581	−9,101	−5,772	−5,779	8,666	90,112	85,085	90,586	100,816	111,211	114,855
Equals: Net earnings by place of residence	681,381	717,792	750,213	831,596	872,820	953,782	1,094,304	1,050,249	1,062,041	1,123,457	1,167,256	1,226,146
Plus: Dividends, interest, and rent[5]	139,222	152,742	161,190	181,568	187,579	192,829	212,459	222,295	243,904	271,083	282,452	296,063
Plus: Transfer payments	82,430	91,805	100,909	102,898	112,399	118,454	230,443	262,544	281,603	281,231	291,409	307,347
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	566,029	605,987	658,890	698,682	736,841	781,189	889,769	865,914	872,092	913,013	941,950	990,100
Other labor income	56,847	64,544	68,853	72,495	74,474	79,472	111,633	108,934	107,161	106,693	106,095	110,806
Proprietors' income[6]	90,522	83,001	70,428	108,142	113,057	133,495	66,294	55,894	56,208	70,511	81,087	88,008
Farm	22,352	12,524	−7,056	17,323	13,277	26,149	7,115	2,685	−5,571	2,525	6,518	5,411
Nonfarm	68,170	70,477	77,484	90,819	99,780	107,346	59,179	53,209	61,779	67,986	74,569	82,597
Earnings by industry:												
Farm	25,836	16,207	−3,479	20,850	16,842	29,747	10,109	5,887	−2,532	5,519	9,540	8,434
Nonfarm	687,562	737,325	801,650	858,469	907,530	964,409	1,057,587	1,024,855	1,037,993	1,084,698	1,119,592	1,180,480
Private	366,406	383,223	421,439	460,010	477,892	512,482	922,725	888,200	890,537	929,213	954,521	1,000,548
Agricultural services, forestry, fisheries, and other[7]	3,230	3,668	4,361	4,391	4,134	4,337	1,704	1,791	2,204	2,205	2,009	2,304
Agricultural services	3,207	3,674	4,269	4,289	4,083	4,272	1,666	1,795	2,109	2,118	1,944	2,224
Forestry, fisheries, and other[7]	(L)	(L)	92	102	51	65	(L)	(L)	95	87	65	80
Mining	2,338	2,195	2,476	2,627	3,120	3,209	15,015	13,256	12,637	11,993	13,615	12,056
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	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	35,931	40,104	42,245	47,374	39,664	43,952	36,050	33,248	28,915	33,771	39,616	46,464
Manufacturing	72,241	72,771	87,765	92,896	92,741	99,156	370,176	327,249	313,652	333,359	352,367	364,443
Nondurable goods	55,066	55,427	68,507	70,684	72,326	76,956	71,507	67,534	52,117	41,693	42,693	45,524
Food and kindred products	12,144	12,329	12,398	12,882	11,896	11,869	8,591	10,644	12,133	13,001	14,288	16,436
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)	449	333	348	305	403	857
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	0
Printing and publishing	11,912	11,379	12,491	13,079	14,193	15,871	7,309	7,258	7,501	7,652	8,610	9,539
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)	(D)	53,636	47,802	30,353	15,537	13,715	13,899
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	17,175	17,344	19,258	22,212	20,415	22,200	298,669	259,715	261,535	291,666	309,674	318,919
Lumber and wood products	1,200	965	1,513	1,713	987	1,449	844	666	685	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	180	313	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	(D)	(D)	24,517	22,696	25,016	27,469	27,786	29,497
Fabricated metal products	(D)	(D)	(D)	240	242	297	68,685	65,964	70,993	85,185	91,339	96,226
Machinery, except electrical	(D)	(D)	(D)	192	224	235	61,640	58,323	54,658	65,997	71,473	72,917
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	13,407	15,612	15,892	15,666	17,359	18,618
Transportation equip. exc. motor vehicles	(D)	0	0	0	0	0	419	136	1,079	1,422	1,463	1,402
Motor vehicles and equipment	0	0	0	0	0	0	114,754	82,865	79,931	80,428	83,017	82,813
Stone, clay, and glass products	(D)	1,252	1,254	1,454	1,166	1,394	2,021	1,430	1,474	1,710	2,020	2,200
Instruments and related products	264	317	351	369	507	622	8,701	8,590	8,329	8,121	8,956	9,179
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	288	326	428
Transportation and public utilities	23,909	24,006	25,410	29,753	32,214	33,679	(D)	(D)	(D)	(D)	(D)	(D)
Railroad transportation	2,006	1,846	1,715	1,784	1,684	1,690	14,925	11,661	8,526	10,056	10,795	9,533
Trucking and warehousing	9,450	10,219	11,009	13,942	14,868	15,956	14,513	14,576	13,904	14,844	15,634	17,274
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	(L)	(D)
Other transportation[8]	2,507	2,476	2,380	2,618	(D)	(D)	(D)	(D)	(D)	3,220	3,660	4,021
Communication	6,149	5,373	6,170	6,828	7,819	8,092	10,692	12,250	10,937	8,340	6,884	7,121
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	5,101	5,213	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	24,835	25,730	25,626	26,407	28,102	28,406	33,724	33,533	35,717	40,755	44,294	48,549
Retail trade	65,014	66,625	73,302	77,353	79,588	82,217	106,131	103,032	104,669	110,626	112,375	121,059
Finance, insurance, and real estate	19,461	19,493	22,385	24,033	26,786	31,388	28,791	29,067	31,921	32,896	36,048	44,536
Banking and credit agencies	8,739	9,663	10,925	11,924	12,459	12,739	14,599	15,831	15,691	16,120	16,339	19,050
Other finance, insurance, and real estate[9]	10,722	9,830	11,460	12,109	14,327	18,649	14,192	13,236	16,230	16,776	19,709	25,486
Services	119,447	128,631	137,869	155,176	171,543	186,138	(D)	(D)	(D)	(D)	(D)	(D)
Hotels and other lodging places	3,660	3,389	3,752	4,617	5,382	5,283	2,018	1,848	1,691	3,064	4,288	2,634
Personal services	6,611	7,088	7,704	8,876	10,922	11,548	9,752	10,273	10,433	10,710	12,556	12,502
Private households	1,283	1,363	1,406	1,557	1,542	1,561	3,655	3,863	3,976	4,405	4,415	4,547
Business services	11,617	14,206	17,853	31,958	38,564	44,014	12,169	12,361	15,665	19,156	20,472	21,203
Auto repair, services, and garages	4,160	3,770	4,116	4,920	5,451	5,972	5,899	5,773	6,167	7,125	8,411	9,090
Miscellaneous repair services	1,914	2,056	2,548	2,814	2,385	2,596	2,823	2,762	3,453	4,717	5,326	5,822
Amusement and recreation services	672	699	922	1,429	1,373	(D)	5,831	5,728	5,560	6,032	6,274	7,335
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	48,109	51,102	53,031	56,599	59,179	62,709	62,273	66,051	71,451	73,158	74,321	81,879
Legal services	5,422	5,801	6,777	8,087	8,504	9,077	5,799	6,309	6,707	7,044	7,074	8,152
Educational services	1,585	(D)	(D)	2,127	2,266	2,528	(D)	5,020	5,524	6,225	6,529	7,351
Social services	3,419	3,931	4,552	4,802	5,420	6,007	6,103	5,814	5,720	6,047	6,251	7,615
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	3,877	4,239	4,396	4,597	4,753	4,812	9,521	10,310	10,840	10,917	11,784	11,948
Miscellaneous services	(D)	28,987	28,742	22,490	25,473	28,270	(D)	50,618	49,891	46,340	41,153	39,122
Government and government enterprises	321,156	354,102	380,211	398,459	429,638	451,927	134,862	136,655	147,456	155,485	165,071	179,932
Federal, civilian	27,623	29,025	31,553	34,350	36,086	37,014	10,254	10,736	11,639	12,180	13,091	12,579
Military	1,568	1,999	2,392	2,303	2,544	2,908	1,115	1,425	1,542	1,541	1,691	1,825
State and local	291,965	323,078	346,266	361,806	391,008	412,005	123,493	124,494	134,275	141,764	150,289	165,528

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Jackson, MS (MSA)						Jackson, TN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,521,375**	**3,675,075**	**3,910,078**	**4,203,487**	**4,476,564**	**4,698,391**	**620,082**	**650,938**	**700,701**	**774,761**	**823,596**	**876,793**
Nonfarm personal income	3,502,513	3,636,188	3,890,386	4,159,763	4,448,489	4,667,298	616,785	646,581	701,322	770,510	819,810	874,246
Farm income[1]	18,862	38,887	19,692	43,724	28,075	31,093	3,297	4,357	−621	4,251	3,786	2,547
Population (thousands)[2]	365.9	370.5	374.6	379.6	388.3	392.0	75.7	76.0	76.0	76.6	77.8	78.0
Per capita personal income (dollars)	**9,623**	**9,920**	**10,439**	**11,074**	**11,527**	**11,985**	**8,195**	**8,567**	**9,222**	**10,112**	**10,589**	**11,235**
Derivation of total personal income:												
Total earnings by place of work	2,766,898	2,859,602	3,042,097	3,329,620	3,536,919	3,730,237	537,689	544,006	593,196	674,600	714,244	765,903
Less: Personal contributions for social insurance[3]	146,670	158,894	168,805	184,457	204,840	217,306	32,277	33,835	34,377	38,730	42,916	46,330
Plus: Adjustment for residence	−37,336	−52,808	−60,478	−80,172	−86,049	−114,624	−84,630	−83,532	−94,356	−110,247	−115,818	−127,218
Equals: Net earnings by place of residence	2,582,892	2,647,900	2,812,814	3,064,991	3,246,030	3,398,307	420,782	426,639	464,463	525,623	555,510	592,355
Plus: Dividends, interest, and rent[5]	458,326	506,776	523,023	554,270	604,336	641,700	86,072	99,544	101,701	112,999	122,411	130,684
Plus: Transfer payments	480,157	520,399	574,241	584,226	626,198	658,384	113,228	124,755	134,537	136,139	145,675	153,754
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,282,177	2,364,535	2,504,719	2,722,315	2,905,440	3,045,227	437,579	444,084	483,870	547,981	579,759	618,586
Other labor income	209,367	232,670	246,440	262,935	274,165	285,339	43,757	46,027	50,477	54,743	56,996	62,346
Proprietors' income[6]	275,354	262,397	290,938	344,370	357,314	399,671	56,353	53,895	58,849	71,876	77,489	84,971
Farm	10,672	29,068	10,242	34,446	18,710	21,668	1,970	2,895	−2,025	2,874	2,400	1,150
Nonfarm	264,682	233,329	280,696	309,924	338,604	378,003	54,383	51,000	60,874	69,002	75,089	83,821
Earnings by industry:												
Farm	18,862	38,887	19,692	43,724	28,075	31,093	3,297	4,357	−621	4,251	3,786	2,547
Nonfarm	2,748,036	2,820,715	3,022,405	3,285,896	3,508,844	3,699,144	534,392	539,649	593,817	670,349	710,458	763,356
Private	2,209,019	2,244,743	2,409,466	2,626,401	2,803,015	2,962,261	448,839	444,532	490,451	559,400	589,944	634,404
Agricultural services, forestry, fisheries, and other[7]	10,258	3,344	22,633	17,884	10,755	13,376	1,720	2,057	1,645	1,576	1,399	1,642
Agricultural services	(D)	4,955	5,012	5,361	5,273	5,633	1,694	2,056	1,570	1,518	1,325	1,552
Forestry, fisheries, and other[7]	5,574*	−1,611	17,621	12,523	5,482	7,743	(L)	(L)	75	58	74	90
Mining	83,606	84,399	63,627	64,378	64,809	52,766	745	760	627	702	1,027	1,143
Coal mining	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	83,545	84,369	63,573	64,303	64,757	51,885*	743	758	625	700	1,025	(D)
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(L)	52	71	(L)	(D)	0	0	0	0	0	(D)
Construction	152,993	141,181	148,919	186,863	195,074	208,565	35,028	30,885	33,677	40,915	43,048	52,824
Manufacturing	373,391	360,000	381,611	415,145	452,910	457,840	161,805	151,768	169,481	196,880	204,499	225,650
Nondurable goods	127,601	130,629	138,723	148,538	161,824	165,606	64,745	62,024	66,985	79,788	83,725	88,585
Food and kindred products	59,945*	(D)	(D)	58,656*	66,527	66,489	36,864	36,881	40,991	51,013	58,003	61,799
Textile mill products	(D)	1,344*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	3,043	2,602	2,226	2,947	(D)	(D)
Paper and allied products	(D)	14,029*	14,589*	15,251*	16,851*	17,832*	5,102	5,190	6,115	7,657	7,552	7,822
Printing and publishing	18,071	19,408	20,599	21,886	23,724	23,584	3,242	3,371	3,645	4,341	5,406	6,515
Chemicals and allied products	8,598	8,877	11,736	19,116	22,962	25,002	503	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,598	2,566	2,689	2,417	(D)	(D)	0	0	0	0	0	0
Tobacco manufactures	(L)	(D)	(D)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	6,777*	6,628*	7,811*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,195	1,260
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	245,790	229,371	242,888	266,607	291,086	292,234	97,060	89,744	102,496	117,092	120,774	137,065
Lumber and wood products	9,901	7,553	8,943	11,667	13,418	15,225	14,264	13,443	16,300	19,368	19,877	20,802
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	10,083	9,744	11,053	11,975	(D)	23,560	(D)	(D)	24,910	(D)	(D)
Fabricated metal products	22,636	21,066	24,397	26,201	27,268	36,934	1,608	1,601	2,032	2,400	2,951	4,187
Machinery, except electrical	22,306	21,729	20,472	26,601	28,465	27,375	17,869	(D)	(D)	(D)	(D)	22,961
Electric and electronic equipment	88,784	81,958	99,985	107,957	115,675	105,926	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	5,818	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Stone, clay, and glass products	34,946	32,426	34,261	31,671	26,377	27,281	32,413	29,623	32,627	38,365	41,207	39,760
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)	246	275	269	288	275	362
Transportation and public utilities	254,095	275,697	285,625	302,394	325,182	342,932	39,429	41,280	43,105	46,615	48,521	46,699
Railroad transportation	17,068	15,385	13,582	16,210	16,590	16,961	17,049	16,908	17,668	18,519	17,610	12,386
Trucking and warehousing	80,620	82,581	89,790	104,725	111,754	123,881	8,112	9,002	10,433	12,495	13,323	15,435
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,135	2,002	2,191
Communication	(D)	(D)	(D)	105,726	107,319	109,518	13,194	14,162	13,842	14,344	15,393	16,476
Electric, gas, and sanitary services	35,759	41,785	44,523	48,836	48,188*	51,606*	(D)	(D)	(D)	122	193	211
Wholesale trade	260,568	259,282	273,478	288,369	288,903	295,520	40,866	39,820	40,981	45,260	48,000	35,132
Retail trade	282,156	293,935	329,410	365,945	382,758	399,338	53,751	59,193	67,242	71,732	76,523	83,423
Finance, insurance, and real estate	229,296	239,910	267,834	288,104	315,647	358,379	19,897	19,424	21,810	23,408	24,666	28,016
Banking and credit agencies	65,331	69,581	75,371	82,328*	92,387*	105,006*	9,618	10,194	10,857	12,586	11,606	13,148
Other finance, insurance, and real estate[9]	163,965	170,329	192,463	182,937*	198,477*	225,431*	10,279	9,230	10,953	10,822	13,060	14,868
Services	562,656	586,995	636,329	697,319	766,977	833,545	95,598	99,345	111,883	132,312	142,261	159,875
Hotels and other lodging places	15,073*	15,727*	16,913*	16,487*	17,438*	16,911*	2,869	2,820	3,086	2,620	2,848	3,534
Personal services	32,469	32,995	33,082	34,501	37,081	38,110	5,640	5,978	6,972	7,491	9,084	9,767
Private households	15,211	16,351	17,029	18,927	19,057	19,573	1,450	1,549	1,612	1,791	1,805	1,857
Business services	68,397	73,421	82,728	89,444	108,175	125,725	10,295	11,608	14,375	22,165	21,614	22,036
Auto repair, services, and garages	24,203	23,874	27,923	31,454	34,721	34,829	6,276	5,297	5,950	7,761	7,768	9,121
Miscellaneous repair services	10,851	11,918	12,783	14,192	13,063*	14,921*	2,022	(D)	(D)	3,787	3,649	4,216
Amusement and recreation services	6,402	7,072	7,821	8,467	9,047	(D)	990	875	976	1,240	1,468	1,551
Motion pictures	1,146	853*	1,047*	(D)	(D)	(D)	(L)	(D)	(D)	84	72	58
Health services	186,036	203,694	218,946	241,156	254,607	270,398	42,765	45,947	50,780	57,368	63,440	74,596
Legal services	50,288	57,816	64,944	74,710	82,856	92,684	4,567	5,121	5,737	6,946	7,436	8,473
Educational services	22,063*	25,469	26,535	29,228	32,596	36,115	8,332	8,749	9,434	10,175	10,689	11,088
Social services	12,659	12,325	11,597	12,474	14,220	16,522	1,376	1,219	1,248	1,475	1,627	2,223
Museums, botanical, zoological gardens	0	0	0	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	24,566	27,120	27,838	28,951	29,061	28,989	4,201	4,501	4,583	4,705	4,796	4,838
Miscellaneous services	90,202	77,471	86,269	96,593	113,284	126,043	4,821	3,400	4,119	4,704	5,965	6,517
Government and government enterprises	539,017	575,972	612,939	659,495	705,829	736,883	85,553	95,117	103,366	110,949	120,514	128,952
Federal, civilian	90,239	98,720	103,245	113,189	121,700	123,925	12,833	13,604	13,363	13,077	14,083	14,480
Military	10,424	11,517	13,454	17,670	19,331	21,398	1,234	1,332	1,497	1,493	1,650	1,802
State and local	438,354	465,735	496,240	528,636	564,798	591,560	71,486	80,181	88,506	96,379	104,781	112,670

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Jacksonville, FL (MSA)						Jacksonville, NC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**7,487,316**	**8,182,861**	**8,922,318**	**9,934,795**	**10,910,737**	**11,760,275**	**850,820**	**916,734**	**1,012,209**	**1,093,935**	**1,192,868**	**1,267,241**
Nonfarm personal income	7,450,823	8,138,226	8,876,375	9,887,375	10,860,793	11,699,226	841,298	904,225	1,003,327	1,082,686	1,183,091	1,258,388
Farm income[1]	36,493	44,635	45,943	47,420	49,944	61,049	9,522	12,509	8,882	11,249	9,777	8,853
Population (thousands)[2]	742.5	757.5	777.4	798.1	825.4	852.7	113.8	114.7	118.5	120.1	122.7	126.6
Per capita personal income (dollars)	**10,084**	**10,802**	**11,477**	**12,448**	**13,219**	**13,792**	**7,476**	**7,996**	**8,539**	**9,108**	**9,725**	**10,013**
Derivation of total personal income:												
Total earnings by place of work	5,775,539	6,272,167	6,861,455	7,716,029	8,489,233	9,213,470	778,743	822,308	914,921	985,781	1,077,513	1,127,695
Less: Personal contributions for social insurance[3]	295,144	327,164	365,171	417,059	477,785	524,793	40,276	42,487	48,206	52,994	58,760	63,047
Plus: Adjustment for residence	−63,969	−62,662	−65,486	−71,402	−80,233	−108,838	−43,419	−36,984	−45,752	−44,404	−54,077	−41,113
Equals: Net earnings by place of residence	5,416,426	5,882,341	6,430,798	7,227,568	7,931,215	8,579,839	695,048	742,837	820,963	888,383	964,676	1,023,535
Plus: Dividends, interest, and rent[5]	925,306	1,022,150	1,100,315	1,272,348	1,425,274	1,536,735	43,440	48,533	54,378	64,522	71,350	77,409
Plus: Transfer payments	1,145,584	1,278,370	1,391,205	1,434,879	1,554,248	1,643,701	112,332	125,364	136,868	141,030	156,842	166,297
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,982,171	5,460,831	5,923,109	6,668,666	7,330,599	7,937,846	717,950	756,495	841,070	902,120	986,890	1,031,446
Other labor income	423,484	477,686	533,242	584,020	634,217	675,324	21,183	23,490	26,752	29,359	30,816	31,378
Proprietors' income[6]	369,884	333,650	405,104	463,343	524,417	600,300	39,610	42,323	47,099	54,302	59,807	64,871
Farm	26,184	33,125	34,774	36,458	38,820	49,876	7,618	10,493	6,943	9,347	7,854	6,928
Nonfarm	343,700	300,525	370,330	426,885	485,597	550,424	31,992	31,830	40,156	44,955	51,953	57,943
Earnings by industry:												
Farm	36,493	44,635	45,943	47,420	49,944	61,049	9,522	12,509	8,882	11,249	9,777	8,853
Nonfarm	5,739,046	6,227,532	6,815,512	7,668,609	8,439,289	9,152,421	769,221	809,799	906,039	974,532	1,067,736	1,118,842
Private	4,454,251	4,804,781	5,297,041	6,020,773	6,605,117	7,196,889	196,728	200,918	227,756	258,205	282,605	305,695
Agricultural services, forestry, fisheries, and other[7]	29,000	29,513	38,179	41,664	46,633	51,422	1,519	1,304	2,560	1,516	3,464	4,214
Agricultural services	(D)	21,219	25,748	29,138*	33,004	(D)	(D)	941	1,377	1,251	1,381	1,846
Forestry, fisheries, and other[7]	(D)	8,294	12,431	9,438*	13,629	14,475*	(D)	363	1,183	265	2,083	2,368
Mining	29,229	27,757	24,224	26,038	34,879	34,493	612	738	756	835	1,026	983
Coal mining	294	(D)	(D)	392	423	432*	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	14,250	10,861	12,182	18,420*	18,781*	(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)	(D)	(D)	(D)	1,404	816*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	360,074	421,063	467,180	568,891	662,599	740,196	23,509	23,741	29,159	34,027	37,465	43,032
Manufacturing	701,213	710,345	742,871	844,626	926,198	972,550	41,915	35,057	38,489	45,024	44,487	45,106
Nondurable goods	381,584	398,302	412,888	453,167	487,523	491,323	17,284	15,889	18,012	19,984	19,869	21,116
Food and kindred products	112,827*	126,584*	131,073*	140,984*	147,144*	156,309*	(D)	(D)	(D)	(D)	(D)	11,042
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)	6,915	6,415	6,467	7,436	6,748	7,433
Paper and allied products	116,760	116,482	118,467	118,681	123,721	106,709	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	53,491*	59,346*	62,762*	78,327*	88,206	97,099	(D)	(D)	(D)	(D)	1,708	1,891
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	0	0	(D)
Petroleum and coal products	7,115	5,390	5,340	5,984	6,768	8,034*	0	0	0	0	0	0
Tobacco manufactures	9,151	10,177	12,307	12,535	12,388	12,169	0	0	0	0	0	0
Rubber and misc. plastic products	11,998*	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	319,629	312,043	329,983	391,459	438,675	481,227	24,631	19,168	20,477	25,040	24,618	23,990
Lumber and wood products	20,054	19,499	22,451	29,429	31,242	35,679	6,404	5,564	6,309	6,827	6,123	7,442
Furniture and fixtures	16,209*	15,605*	17,204*	20,373*	21,117*	22,188*	(D)	(D)	(D)	(D)	(D)	69
Primary metal industries	24,715*	21,998*	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	71,650*	71,241*	64,288*	72,434*	76,666*	84,569*	0	0	0	(D)	(D)	(D)
Machinery, except electrical	26,490*	28,075*	29,558*	31,693*	37,014*	41,151*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	4,449*	5,029*	(D)	7,327*	8,592*	(D)	0	(D)	(D)	(D)	0	0
Transportation equip. exc. motor vehicles	94,498	82,159*	84,749*	105,648*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,195	2,042	3,650	4,677	4,976	4,080	0	0	0	0	0	0
Stone, clay, and glass products	36,361*	36,367*	46,355*	56,773*	65,651*	85,590*	0	0	0	(D)	(D)	(D)
Instruments and related products	8,754*	10,884*	13,210*	16,685*	18,897*	(D)	(D)	(D)	(D)	0	0	0
Miscellaneous manufacturing industries	5,126*	5,215*	6,021*	7,206*	6,861*	7,780*	212	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	590,934	636,820	702,030	763,858	789,384	787,197	22,418	24,542	26,598	29,204	31,203	29,885
Railroad transportation	145,768	144,793*	155,500*	161,171	143,607	132,874	2,931	(D)	(D)	3,261	2,941	2,740
Trucking and warehousing	(D)	160,138	178,387	203,858	212,230	235,386	6,410	6,114	6,497	7,735	8,222	9,186
Water transportation	29,882*	37,998*	41,690*	45,051*	51,282	49,611*	(D)	0	0	0	(D)	(D)
Other transportation[8]	57,091	63,211	67,698	74,288*	79,500*	82,184*	2,664	2,983	3,175	3,624	(D)	(D)
Communication	(D)	201,567	226,369	245,710*	268,314	244,134	7,281	8,878	9,844	10,109	10,470	8,256
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,475	5,441	5,802
Wholesale trade	504,844	533,907	557,568	647,591	691,098	745,269	6,969	6,715	6,627	7,040	7,765	8,235
Retail trade	626,134	662,134	752,587	841,697	922,995	985,028	50,787	56,981	66,402	73,135	82,306	89,299
Finance, insurance, and real estate	540,095	562,965	639,995	712,726	792,437	953,487	11,235	11,486	11,276	11,879	12,814	16,500
Banking and credit agencies	108,288*	116,621*	142,085*	162,759*	182,756*	221,645*	7,059	7,161	6,040	6,428	6,992	8,283
Other finance, insurance, and real estate[9]	429,001*	434,443*	482,776*	538,616*	597,061*	714,708*	4,176	4,325	5,236	5,451	5,822	8,217
Services	1,072,728	1,220,277	1,372,407	1,573,682	1,738,894	1,927,247	37,764	40,354	45,889	55,545	62,075	68,441
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	45,990*	51,991	58,859	63,800*	73,162*	82,839	4,319	4,829	5,756	6,436	7,490	8,136
Private households	26,196	28,742	30,563	34,746	35,751	37,582	3,335	3,600	3,765	4,238	4,299	4,452
Business services	171,652	185,315	217,803	269,407	307,306	353,319	1,841	2,467	2,920	5,123	5,355	6,141
Auto repair, services, and garages	63,398	67,128	68,493	83,635	89,492	101,976	2,843	2,776	3,388	3,650	4,039	4,493
Miscellaneous repair services	28,008	25,291	28,479	34,157	33,068	36,625	1,480	1,653	2,027	2,543	2,138	2,229
Amusement and recreation services	23,614	26,211	27,594	35,337	38,672	36,930	1,252	1,236	1,327	1,472	1,544	1,919
Motion pictures	7,851*	7,531*	7,124*	8,909*	8,828*	9,538*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	342,793	442,885	487,107	519,496	574,581	628,417	9,790	10,529	11,450	15,185	17,869	20,280
Legal services	67,735	81,718	91,840	113,111	119,167	138,976	2,447	2,847	3,252	4,132	4,564	5,339
Educational services	25,375*	30,273	36,232	42,039*	44,817*	(D)	788	955	1,001	1,289	1,250	1,083
Social services	28,246	30,661	33,437	40,233	44,277	50,301	2,469	2,436	2,949	2,865	3,440	3,735
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	42,995	48,095	56,139	57,741	60,713	62,695	3,372	3,512	3,690	3,722	3,816	3,713
Miscellaneous services	144,017	140,291	168,596	200,724	231,277	256,822	2,433	2,314	2,596	3,066	4,289	4,974
Government and government enterprises	1,284,795	1,422,751	1,518,471	1,647,836	1,834,172	1,955,532	572,493	608,881	678,283	716,327	785,131	813,147
Federal, civilian	342,781	360,597	397,408	423,787	457,317	452,947	70,381	74,283	80,578	78,838	90,195	88,915
Military	422,059	510,238	547,924	608,714	699,338	748,026	459,269	489,525	550,325	586,301	636,379	658,670
State and local	519,955	551,916	573,139	615,335	677,517	754,559	42,843	45,073	47,380	51,188	58,557	65,562

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Janesville—Beloit, WI (MSA)						Jersey City, NJ (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,423,723**	**1,447,210**	**1,540,124**	**1,700,753**	**1,793,043**	**1,865,231**	**5,736,106**	**6,183,921**	**6,564,372**	**7,191,760**	**7,532,133**	**8,017,169**
Nonfarm personal income	1,383,423	1,407,514	1,531,245	1,682,180	1,769,051	1,831,519	5,736,106	6,183,921	6,564,372	7,191,760	7,532,133	8,017,169
Farm income[1]	40,300	39,696	8,879	18,573	23,992	33,712	0	0	0	0	0	0
Population (thousands)[2]	139.7	138.8	138.3	138.3	138.3	137.8	561.1	559.6	560.8	560.4	557.0	553.1
Per capita personal income (dollars)	**10,188**	**10,428**	**11,135**	**12,296**	**12,963**	**13,534**	**10,223**	**11,051**	**11,705**	**12,833**	**13,522**	**14,495**
Derivation of total personal income:												
Total earnings by place of work	1,016,944	990,179	1,073,708	1,215,263	1,283,960	1,309,254	4,447,304	4,539,489	4,861,073	5,337,395	5,660,135	6,058,805
Less: Personal contributions for social insurance[3]	60,989	61,868	66,594	75,194	82,936	84,433	274,987	284,722	304,953	337,185	371,336	400,374
Plus: Adjustment for residence	37,636	36,181	34,073	40,657	50,600	71,298	−365,914	−194,464	−233,313	−239,983	−296,122	−304,933
Equals: Net earnings by place of residence	993,591	964,492	1,041,187	1,180,726	1,251,624	1,296,119	3,806,403	4,060,303	4,322,807	4,760,227	4,992,677	5,353,498
Plus: Dividends, interest, and rent[5]	199,398	226,621	242,842	261,480	266,642	279,929	878,996	979,369	1,034,924	1,184,552	1,239,375	1,312,740
Plus: Transfer payments	230,734	256,097	256,095	258,547	274,777	289,183	1,050,707	1,144,249	1,206,641	1,246,981	1,300,081	1,350,931
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	806,889	786,651	871,033	980,261	1,030,313	1,035,657	3,847,103	3,916,285	4,178,610	4,597,977	4,877,462	5,210,935
Other labor income	100,272	97,823	115,204	126,088	129,452	128,168	376,825	399,253	423,150	441,203	453,951	478,480
Proprietors' income[6]	109,783	105,705	87,471	108,914	124,195	145,429	223,376	223,951	259,313	298,215	328,722	369,390
Farm	33,649	32,391	1,800	11,607	16,913	26,570	0	0	0	0	0	0
Nonfarm	76,134	73,314	85,671	97,307	107,282	118,859	223,376	223,951	259,313	298,215	328,722	369,390
Earnings by industry:												
Farm	40,300	39,696	8,879	18,573	23,992	33,712	0	0	0	0	0	0
Nonfarm	976,644	950,483	1,064,829	1,196,690	1,259,968	1,275,542	4,447,304	4,539,489	4,861,073	5,337,395	5,660,135	6,058,805
Private	883,554	846,619	950,633	1,072,360	1,128,547	1,135,038	3,619,983	3,679,863	3,955,293	4,360,471	4,618,436	4,968,232
Agricultural services, forestry, fisheries, and other[7]	3,437	4,094	4,843	4,611	4,093	4,402	1,723	1,653	2,354	2,551	2,604	3,169
Agricultural services	3,357	4,080	4,670	4,499	3,889	4,168	1,664	1,658	2,132	2,371	(D)	(D)
Forestry, fisheries, and other[7]	80	(L)	173	112	204	234	59	(L)	222	180	(D)	(D)
Mining	4,368	4,335	3,888	3,795	4,381	4,080	9,540	8,485	6,212	6,682	10,234	10,514
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,163	2,239	1,640	1,655	2,223	2,237	(D)	(D)	(D)	6,665	10,216	10,495
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	2,205	2,096	2,248	2,140	2,158	1,843	(D)	(D)	(D)	0	0	0
Construction	50,409	45,391	44,546	53,621	57,319	58,245	127,549	143,703	150,988	183,950	197,734	230,227
Manufacturing	468,565	421,982	495,692	566,766	599,111	565,907	1,331,913	1,287,612	1,323,738	1,420,800	1,374,657	1,319,848
Nondurable goods	80,569	84,717	91,642	98,591	101,929	102,654	805,790	801,330	839,215	885,345	952,015	954,722
Food and kindred products	30,991	33,667	37,549	38,564	38,852	42,214	152,131	154,235	150,380	156,817	173,796	183,906
Textile mill products	(D)	8,726	9,244	11,046	12,091	11,744	51,664	47,409	58,228	58,545	58,005	59,401
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	246,381	245,479	260,936	265,090	254,013	255,546
Paper and allied products	5,690	4,469	4,485	3,293	3,321	2,955	51,751	52,166	51,493	52,889	53,643	54,076
Printing and publishing	5,858	6,038	6,373	7,065	6,211	6,653	59,368	62,691	67,705	82,823	127,558	129,406
Chemicals and allied products	6,526	7,395	7,485	8,349	9,512	10,524	161,177	161,656	163,243	170,417	181,358	183,278
Petroleum and coal products	461	562	707	496	635	532	39,135	37,510	38,355	34,152	39,623	30,197
Tobacco manufactures	0	0	0	0	0	0	(D)	83	95	7,633	6,381	5,937
Rubber and misc. plastic products	6,953	7,577	8,824	13,159	14,206	12,583	(D)	18,855	28,928	35,579	36,367	41,243
Leather and leather products	12,278	(D)	(D)	(D)	(D)	(D)	22,728	21,246	19,852	21,400	21,271	11,732
Durable goods	387,996	337,265	404,050	468,175	497,182	463,253	526,123	486,282	484,523	535,455	422,642	365,126
Lumber and wood products	941	989	1,385	1,643	843	997	5,677	(D)	(D)	6,720	6,398	6,144
Furniture and fixtures	1,711	(D)	(D)	(D)	(D)	(D)	34,596	39,456	45,662	57,301	59,659	(D)
Primary metal industries	(D)	(D)	(D)	(D)	0	0	42,355	40,522	45,815	49,793	50,372	46,544
Fabricated metal products	17,440	20,040	22,655	26,745	29,718	35,116	42,419	40,082	38,615	40,574	38,701	36,070
Machinery, except electrical	139,364	121,385	114,981	119,496	123,310	119,650	63,127	53,178	45,100	49,751	47,740	46,153
Electric and electronic equipment	15,502	15,127	12,094	(D)	(D)	(D)	213,772	205,744	217,143	240,936	128,185	91,722
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	25,375	26,195	11,179	8,917	7,700	6,065
Motor vehicles and equipment	181,249	146,548	227,443	(D)	(D)	(D)	1,560	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,508	1,813	1,383	1,260	980	842	31,317	18,152	11,692	8,341	8,903	8,016
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	7,906	8,736	8,984	(D)	(D)	3,040
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	58,019	47,300	53,849	68,212	69,166	63,618
Transportation and public utilities	60,000	59,212	65,759	76,042	66,910	69,813	623,530	626,889	653,063	723,896	772,127	859,979
Railroad transportation	877	1,505	2,119	3,033	3,718	4,428	55,150	32,659	11,763	(D)	7,074	7,615
Trucking and warehousing	26,285	23,000	27,547	31,370	32,594	32,839	367,440	374,145	393,080	423,797	442,994	471,547
Water transportation	(L)	−100	−84	(D)	(D)	(L)	32,088	32,418	45,860	74,147	83,153	113,724
Other transportation[8]	4,795	5,090	4,933	(D)	(D)	6,352	66,182	75,142	82,817	(D)	100,335	105,638
Communication	9,743	11,337	11,487	14,727	6,548	7,062	50,117	60,936	61,250	64,132	64,751	86,457
Electric, gas, and sanitary services	18,339	18,380	19,757	21,770	18,526	19,127	52,553	51,589	58,293	62,864	73,820	74,998
Wholesale trade	36,428	40,742	40,637	46,272	50,242	55,960	373,779	399,890	460,920	534,544	598,306	671,309
Retail trade	99,040	99,666	106,881	111,251	119,259	127,880	375,275	397,121	429,380	460,739	495,597	526,315
Finance, insurance, and real estate	22,922	20,687	25,877	27,845	32,315	36,427	163,594	143,358	190,505	194,836	223,330	294,633
Banking and credit agencies	11,424	12,437	12,688	14,123	16,991	17,470	66,961	74,457	82,992	91,213	101,104	111,997
Other finance, insurance, and real estate[9]	11,498	8,250	13,189	13,722	15,324	18,957	96,633	68,901	107,513	103,623	122,226	182,636
Services	138,385	150,510	162,510	182,157	194,917	212,324	613,080	671,152	738,133	832,473	943,847	1,052,238
Hotels and other lodging places	1,984	2,514	2,658	3,128	2,503	2,308	13,377	13,696	11,792	13,574	13,095	12,723
Personal services	9,501	10,097	10,583	12,708	12,412	12,868	34,883	34,700	39,758	40,395	49,000	53,635
Private households	1,343	1,431	1,481	1,641	1,646	1,688	10,677	11,451	11,927	13,304	13,392	13,827
Business services	16,301	19,627	24,424	30,761	36,361	47,332	131,524	153,018	187,473	241,551	302,224	341,877
Auto repair, services, and garages	6,300	6,351	7,146	10,014	10,605	8,736	29,402	32,572	35,520	39,184	40,729	43,188
Miscellaneous repair services	2,020	2,070	2,720	3,371	2,420	2,495	27,333	25,674	25,411	28,593	27,762	28,613
Amusement and recreation services	2,729	3,431	3,564	3,771	4,103	3,912	5,042	5,126	6,070	6,821	5,633	5,621
Motion pictures	(D)	307	245	293	(D)	(D)	3,447	1,839	1,185	1,312	1,357	2,617
Health services	66,356	72,380	75,484	77,344	80,880	88,133	177,702	202,929	221,404	235,591	259,713	284,335
Legal services	7,245	7,875	8,558	9,943	11,209	11,548	33,930	36,242	42,523	49,777	54,838	61,749
Educational services	(D)	(D)	(D)	(D)	8,484	8,114	37,298	36,189	38,090	41,024	48,639	50,586
Social services	4,119	4,616	4,985	5,519	6,727	6,760	14,119	13,936	17,337	19,630	23,118	25,335
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	7,376	7,957	8,425	9,005	9,266	9,313	32,692	34,170	36,703	39,592	42,829	44,867
Miscellaneous services	6,129	4,613	5,636	6,836	7,928	8,802	61,654	69,610	62,940	62,125	61,518	83,265
Government and government enterprises	93,090	103,864	114,196	124,330	131,421	140,504	827,321	859,626	905,780	976,924	1,041,699	1,090,573
Federal, civilian	7,820	7,858	8,245	8,882	9,521	9,623	302,948	305,206	323,706	345,875	360,878	357,218
Military	2,319	2,578	3,364	4,171	4,657	5,053	9,883	11,555	13,523	16,945	17,713	19,981
State and local	82,951	93,428	102,587	111,277	117,243	125,828	514,490	542,865	568,551	614,104	663,108	713,374

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Johnson City—Kingsport—Bristol, TN—VA (MSA)						Johnstown, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,602,588**	**3,788,195**	**3,992,722**	**4,271,009**	**4,536,122**	**4,766,575**	**2,426,480**	**2,466,392**	**2,506,153**	**2,630,116**	**2,689,057**	**2,788,589**
Nonfarm personal income	3,539,941	3,729,690	3,956,339	4,210,913	4,482,270	4,723,029	2,393,350	2,445,901	2,490,130	2,603,452	2,664,348	2,762,341
Farm income[1]	62,647	58,505	36,383	60,096	53,852	43,546	33,130	20,491	16,023	26,664	24,709	26,248
Population (thousands)[2]	438.5	440.2	440.8	441.7	442.2	443.4	263.5	260.9	260.2	259.6	256.4	254.1
Per capita personal income (dollars)	**8,216**	**8,606**	**9,058**	**9,669**	**10,259**	**10,749**	**9,207**	**9,452**	**9,633**	**10,133**	**10,490**	**10,972**
Derivation of total personal income:												
Total earnings by place of work	2,740,672	2,796,071	2,904,539	3,095,084	3,328,592	3,527,046	1,617,084	1,542,809	1,479,822	1,616,146	1,631,653	1,680,434
Less: Personal contributions for social insurance[3]	164,023	172,921	170,313	179,862	202,313	216,549	93,550	94,666	90,755	102,814	107,782	111,840
Plus: Adjustment for residence	−39,965	4,612	3,419	10,399	−14,653	−53,862	−14,864	−4,341	3,550	−5,174	−968	−1,895
Equals: Net earnings by place of residence	2,536,684	2,627,762	2,737,645	2,925,621	3,111,626	3,256,635	1,508,670	1,443,802	1,392,617	1,508,158	1,522,903	1,566,699
Plus: Dividends, interest, and rent[5]	471,347	503,876	547,626	610,444	639,902	684,989	344,894	374,214	409,879	440,408	455,236	475,875
Plus: Transfer payments	594,557	656,557	707,451	734,944	784,594	824,951	572,916	648,376	703,657	681,550	710,918	746,015
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,226,732	2,269,149	2,353,280	2,479,588	2,670,636	2,827,279	1,244,036	1,192,293	1,127,887	1,223,017	1,228,388	1,256,672
Other labor income	239,114	256,336	265,587	267,514	281,970	295,072	169,684	161,819	144,408	150,439	147,059	147,524
Proprietors' income[6]	274,826	270,586	285,672	347,982	375,986	404,695	203,364	188,697	207,527	242,690	256,206	276,238
Farm	53,658	48,478	26,749	50,650	44,299	33,912	29,330	16,200	11,941	22,681	20,651	22,184
Nonfarm	221,168	222,108	258,923	297,332	331,687	370,783	174,034	172,497	195,586	220,009	235,555	254,054
Earnings by industry:												
Farm	62,647	58,505	36,383	60,096	53,852	43,546	33,130	20,491	16,023	26,664	24,709	26,248
Nonfarm	2,678,025	2,737,566	2,868,156	3,034,988	3,274,740	3,483,500	1,583,954	1,522,318	1,463,799	1,589,482	1,606,944	1,654,186
Private	2,285,226	2,373,503	2,487,013	2,637,696	2,843,644	3,019,234	1,391,280	1,322,630	1,255,767	1,377,171	1,381,202	1,419,338
Agricultural services, forestry, fisheries, and other[7]	8,884	9,071	10,771	11,418	10,195	9,205	2,287	2,048	3,537	3,956	3,120	3,733
Agricultural services	8,727	9,126	10,215	10,062*	9,909	8,837	1,906	2,085	2,580	2,870	2,522	2,943
Forestry, fisheries, and other[7]	157	−55	556	(D)	286	368	381	(L)	957	1,086	598	790
Mining	6,891	7,447	6,213	6,590	8,891	13,523	263,826	258,674	216,038	242,128	215,537	182,673
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	258,702	254,564	212,554	238,439	208,675	176,907
Oil and gas extraction	4,364	3,619*	2,967*	3,200*	5,159*	8,606*	(D)	2,889	2,177	(D)	(D)	(D)
Metal mining	(D)	−116	(L)	(L)	56	158	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,224	1,307	(D)	(D)	(D)
Construction	156,337	177,847	162,767	155,953	175,187	184,485	71,905	68,767	65,847	75,760	79,593	92,794
Manufacturing	1,101,817	1,100,053	1,143,898	1,223,735	1,315,894	1,371,852	385,649	305,535	248,447	270,651	257,838	264,715
Nondurable goods	697,111	723,349	763,568	786,933	829,782	866,624	69,046	71,098	74,445	78,772	78,955	81,497
Food and kindred products	46,824*	45,252*	41,975*	44,482*	(D)	(D)	22,912	23,353	23,897	24,953	26,883	28,666
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	0	(D)
Apparel and other textile products	(D)	37,038*	(D)	42,497*	42,543*	46,265*	30,418	32,083	33,816	33,828	31,759	31,698
Paper and allied products	(D)	(D)	(D)	(D)	(D)	50,465*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	8,669	(D)	(D)	11,126	(D)	(D)
Chemicals and allied products	378,307*	(D)	(D)	(D)	463,122*	474,610*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	503	657	676	922	346	657	1,787	2,066	1,899	2,848	2,899	3,779
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)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	404,706	376,704	380,330	436,802	486,112	505,228	316,603	234,437	174,002	191,879	178,883	183,218
Lumber and wood products	13,131	11,017	12,962	14,887	15,498	16,621	9,098	6,385	7,692	9,499	9,551	10,878
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)	14,772	17,922	15,422	17,714	20,098	23,110
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	18,050	16,765	18,621	20,810	21,416	21,092
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	28,836*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,802	(D)	(D)	(D)	(D)	(D)	6,287	(D)	4,636*	6,410*	7,616*	8,694*
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	7,411	6,825	7,362	8,004	7,492	8,984
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)	720	682	829	494	444	443
Transportation and public utilities	153,931	156,774	162,771	166,514	169,076	179,549	120,631	126,383	126,019	140,654	145,071	152,261
Railroad transportation	20,218*	18,567*	17,949*	18,374*	18,236*	18,089*	16,992	(D)	(D)	10,056	9,263	9,901
Trucking and warehousing	66,116	60,540	65,909	(D)	(D)	(D)	40,949	43,265	40,787	49,977	49,169	51,170
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	49,082*	54,608*	55,965*	(D)	(D)	(D)	21,508	22,250	21,946	21,139	21,110	20,771
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	131,884	136,855	141,998	150,607	162,034	178,438	68,355	65,497	63,359	70,617	73,136	76,793
Retail trade	262,411	280,576	301,692	310,485	335,760	355,984	150,166	148,784	155,844	160,948	165,749	172,088
Finance, insurance, and real estate	70,030	71,824	80,386	84,230	93,278	102,867	65,250	63,807	68,909	72,812	80,311	92,367
Banking and credit agencies	35,182*	36,667*	37,802*	(D)	(D)	(D)	27,044	(D)	(D)	(D)	36,156	(D)
Other finance, insurance, and real estate[9]	33,889*	32,407*	39,339*	41,700*	46,747*	53,644*	38,206	(D)	(D)	(D)	44,155	(D)
Services	393,041	433,056	476,517	528,164	573,329	623,331	263,211	283,135	307,767	339,645	360,847	381,914
Hotels and other lodging places	(D)	8,985*	8,958*	8,370*	8,678*	10,842*	11,021	11,670	12,792	15,406	15,772	17,514
Personal services	26,395	27,856	31,490	32,164	37,732	42,723	11,511	13,318	14,184	14,982	17,736	18,820
Private households	8,052	8,628	8,998	10,027	9,934*	10,255*	2,305	2,456	2,545	2,810	2,806	2,876
Business services	38,580	47,626	54,160	58,769	71,800	75,880	15,390	17,595	18,546	22,085	25,182	27,472
Auto repair, services, and garages	19,349	18,492	22,173	24,888	26,285	28,074	16,605	15,559	20,488	24,027	24,916	25,238
Miscellaneous repair services	8,414	8,970	10,700	12,403	11,265	12,310	6,466	(D)	(D)	9,886	8,940	9,480
Amusement and recreation services	5,654*	5,577*	5,484*	(D)	(D)	(D)	3,607	3,624	3,859	4,346	4,823	5,010
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,040	(D)	1,426
Health services	190,339	219,053	238,597	261,687	276,073	302,961	124,076	140,179	152,216	163,472	170,829	179,998
Legal services	20,032	20,293	21,904	26,932	29,510	32,875	9,337	10,402	11,782	13,671	14,786	16,101
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	15,438	15,820	16,793	19,076	20,898	22,566
Social services	8,400*	6,604*	7,527*	8,449*	9,011*	9,567*	9,694	9,048	9,473	10,049	10,859	11,996
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	122	(D)	167
Membership organizations	(D)	23,074	23,624	24,136	24,504	24,788	15,175	16,336	16,683	17,119	17,744	17,299
Miscellaneous services	26,431	25,089	28,845	38,305	43,816	47,952	22,260	19,456	19,538	21,554	24,026	25,951
Government and government enterprises	392,799	364,063	381,143	397,292	431,096	464,266	192,674	199,688	208,032	212,311	225,742	234,848
Federal, civilian	138,882	89,061	90,493	93,031	94,155	94,077	24,594	25,127	26,092	27,568	31,201	31,053
Military	7,326	8,539	9,159	9,746	10,843	12,024	6,016	5,751	7,260	6,256	6,874	7,328
State and local	246,591	266,463	281,491	294,515	326,098	358,165	162,064	168,810	174,680	178,487	187,667	196,467

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Joliet, IL (PMSA)						Joplin, MO (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,016,572**	**4,120,914**	**4,280,023**	**4,761,376**	**5,098,651**	**5,324,784**	**1,088,208**	**1,143,323**	**1,233,886**	**1,344,931**	**1,414,418**	**1,491,527**
Nonfarm personal income	3,953,122	4,079,867	4,287,830	4,719,128	5,046,349	5,277,988	1,071,806	1,134,637	1,224,107	1,333,704	1,399,051	1,468,353
Farm income[1]	63,450	41,047	−7,807	42,248	52,302	46,796	16,402	8,686	9,779	11,227	15,367	23,174
Population (thousands)[2]	358.2	357.9	359.2	362.0	365.3	370.2	129.1	129.5	130.0	131.3	132.1	133.0
Per capita personal income (dollars)	**11,215**	**11,515**	**11,914**	**13,153**	**13,957**	**14,385**	**8,430**	**8,829**	**9,489**	**10,247**	**10,711**	**11,217**
Derivation of total personal income:												
Total earnings by place of work	2,010,851	1,997,497	2,013,893	2,290,999	2,459,283	2,604,543	782,586	809,648	872,118	966,788	1,043,135	1,112,694
Less: Personal contributions for social insurance[3]	115,029	119,521	121,195	135,454	151,769	159,671	45,736	49,076	51,156	57,335	64,586	68,865
Plus: Adjustment for residence	1,166,295	1,193,773	1,264,759	1,438,487	1,577,528	1,605,363	−31,641	−43,509	−45,235	−51,988	−70,486	−85,320
Equals: Net earnings by place of residence	3,062,117	3,071,749	3,157,457	3,594,032	3,885,042	4,050,235	705,209	717,063	775,727	857,465	908,063	958,509
Plus: Dividends, interest, and rent[5]	530,942	567,518	591,958	663,337	687,403	726,042	188,628	207,779	225,617	249,707	256,384	267,490
Plus: Transfer payments	423,513	481,647	530,608	504,007	526,206	548,507	194,371	218,481	232,542	237,759	249,971	265,528
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,572,050	1,574,616	1,601,888	1,783,777	1,909,714	2,022,334	613,229	639,095	680,296	753,552	808,917	852,640
Other labor income	190,827	192,924	193,957	207,819	220,590	229,911	64,232	70,524	75,154	80,159	85,308	90,364
Proprietors' income[6]	247,974	229,957	218,048	299,403	328,979	352,298	105,125	100,029	116,668	133,077	148,910	169,690
Farm	57,221	34,137	−14,453	35,722	45,638	40,081	11,468	3,277	4,562	6,086	10,172	17,945
Nonfarm	190,753	195,820	232,501	263,681	283,341	312,217	93,657	96,752	112,106	126,991	138,738	151,745
Earnings by industry:												
Farm	63,450	41,047	−7,807	42,248	52,302	46,796	16,402	8,686	9,779	11,227	15,367	23,174
Nonfarm	1,947,401	1,956,450	2,021,700	2,248,751	2,406,981	2,557,747	766,184	800,962	862,339	955,561	1,027,768	1,089,520
Private	1,711,732	1,679,094	1,731,006	1,941,680	2,082,214	2,210,700	687,091	717,877	771,430	858,243	921,095	975,879
Agricultural services, forestry, fisheries, and other[7]	12,253	11,648	12,432	12,781	12,126	14,822	2,553	2,642	3,274	3,437	2,787	3,105
Agricultural services	12,182	11,654	12,008	12,414	11,749	14,420	2,467	2,663	3,023	3,173	2,607	2,864
Forestry, fisheries, and other[7]	71	(L)	424	367	377	402	86	(L)	251	264	180	241
Mining	13,736	12,973	12,492	13,833	17,056	16,368	5,019	6,532	6,611	8,100	9,017	8,868
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	4,837*	4,506*	3,607*	3,974*	5,965*	6,074*	1,936	1,603	1,387	1,566	2,220	2,249
Metal mining	(L)	(L)	0	0	0	0	0	(D)	(D)	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	7,676*	8,600*	9,615*	8,750*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	130,546	131,963	139,890	164,449	178,191	216,309	36,527	37,438	41,663	49,842	54,680	62,554
Manufacturing	647,320	563,690	509,794	604,605	627,557	633,275	258,595	258,149	266,882	302,964	314,798	336,028
Nondurable goods	271,936	250,735	261,918	283,819	306,876	311,480	94,195	97,615	103,525	114,584	119,451	131,032
Food and kindred products	23,911*	25,153*	28,743*	29,236	30,825	20,637	40,485	45,504	46,680	52,789	54,948	60,415
Textile mill products	0	0	0	0	0	0	0	0	0	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	40,378*	36,895	22,981	23,813	28,670	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	15,371*	15,994	17,579	16,106	17,016	17,159	5,390	5,801	5,923	6,336	(D)	(D)
Chemicals and allied products	107,940	114,735	117,968	132,849	141,295	133,428	21,573*	23,300	24,372	27,248	28,733	29,714
Petroleum and coal products	63,861	41,008	37,716	37,152	39,974	41,215	8,842	(D)	11,258*	12,767*	14,738	17,100
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	43,793*	50,174*	0	0	0	0	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,064
Durable goods	375,384	312,955	247,876	320,786	320,681	321,795	164,400	160,534	163,357	188,380	195,347	204,996
Lumber and wood products	2,544*	3,848	4,951	6,832*	7,447*	6,552*	2,859	3,345	3,699	4,461	4,856	3,773
Furniture and fixtures	1,302	(D)	1,969*	2,876*	3,429*	4,698*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	9,379	7,789	6,344	7,975	8,984	8,452
Fabricated metal products	(D)	(D)	41,357*	44,938*	48,785*	51,527*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	53,638	(D)
Electric and electronic equipment	(D)	(D)	25,705*	27,072*	27,004*	(D)	24,104	29,234	31,983	38,147	42,519	45,922
Transportation equip. exc. motor vehicles	3,984	3,748	2,787	3,192	3,101	3,155	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	1,985	(D)	(D)	(D)	(D)	(D)	3,787	2,880	2,846	(D)	(D)	(D)
Stone, clay, and glass products	25,543*	26,448	23,464	24,068	25,516	24,950	5,108	5,585	5,681	5,336	5,328	5,404*
Instruments and related products	1,452	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	3,277	1,844	3,172	7,275*	8,900*	7,949*	1,847*	1,259*	(D)	(D)	(D)	(D)
Transportation and public utilities	(D)	(D)	(D)	(D)	(D)	(D)	85,128	91,502	95,173	105,650	118,640	126,478
Railroad transportation	36,798	30,749	25,681	27,597	26,362	23,174	7,055	6,041	5,192	6,879	8,062	7,096
Trucking and warehousing	31,851	34,198	35,937	44,406	42,628	43,674	45,573	50,354	53,512	63,289	71,541	78,487
Water transportation	(D)	6,867*	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,123	4,000	(D)	5,207	4,939
Communication	(D)	(D)	(D)	33,054	33,565	33,508	14,617	15,695	15,591	12,540	13,341	13,626
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	15,289	16,878	(D)	20,489	22,330
Wholesale trade	74,272	68,390	69,281	80,821	85,167	99,161	49,521	51,943	52,299	55,866	60,532	59,018
Retail trade	187,610	183,378	199,312	211,133	231,106	237,958	93,693	96,820	105,838	114,016	122,169	129,014
Finance, insurance, and real estate	56,234	53,742	61,987	66,646	72,931	85,507	23,932	22,980	27,217	28,754	29,833	34,681
Banking and credit agencies	29,146	30,982	32,792	34,098	35,493	37,582	13,194	13,747	15,729	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	27,088	22,760	29,195	32,548	37,438	47,925	10,738	9,233	11,488	(D)	(D)	(D)
Services	285,465*	311,173*	369,109*	395,875*	434,681*	481,426*	132,123	149,871	172,473	189,614	208,639	216,133
Hotels and other lodging places	4,098	(D)	(D)	(D)	4,880*	(D)	3,521	(D)	(D)	(D)	(D)	(D)
Personal services	19,410	20,684	23,221	24,514	27,974	32,573	9,061	9,704	9,618	9,825	11,995	12,322
Private households	3,330	3,557	3,690	4,095	4,098	4,198	2,322	2,481	2,577	2,876	2,888	2,976
Business services	53,433	64,627	79,266	83,419	97,722	113,567	14,841	19,735	24,526	28,820	35,558	38,753
Auto repair, services, and garages	16,583	16,140	18,377	21,821	23,772	27,936	7,587	8,151	11,158	13,985	15,090	15,588
Miscellaneous repair services	6,775	8,444	9,433	10,770	9,060	10,105	3,099	2,523	3,371	4,609	3,914	(D)
Amusement and recreation services	9,462	9,838	10,941	11,714	12,766	15,006	(D)	(D)	(D)	(D)	2,451	(D)
Motion pictures	1,046*	772*	744*	776*	811*	838*	1,222	624	654	608*	716	742
Health services	121,603	130,618	142,093	152,124	162,850	176,128	62,820	77,706	88,145	92,691	100,448	101,053
Legal services	16,902	19,655	21,838	27,732	28,551	31,352	3,906	4,359	5,329	6,146	6,916	7,503
Educational services	12,789	15,253	16,328	18,783	20,352	22,970	(D)	(D)	573*	737	767	826
Social services	4,007*	4,833*	4,994*	5,850*	8,345*	9,162*	3,495	3,114	4,548	5,481	5,078	5,397
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	24,772	26,731	28,170	25,326	24,765	25,063	6,482	6,909	7,212	7,323	7,482	7,476
Miscellaneous services	16,164	13,197	30,500	32,068	40,097	40,408	11,059	9,295	9,575	11,004	12,024	12,984
Government and government enterprises	235,669	277,356	290,694	307,071	324,767	347,047	79,093	83,085	90,909	97,318	106,673	113,641
Federal, civilian	14,427	14,706	15,539	16,815	17,985	18,558	9,534	9,694	10,495	10,900	11,836	12,208
Military	3,876	4,371	5,051	5,217	5,845	6,287	2,459	3,192	4,324	4,461	4,633	5,145
State and local	217,366	258,279	270,104	285,039	300,937	322,202	67,100	70,199	76,090	81,957	90,204	96,288

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Kalamazoo, MI (MSA)						Kankakee, IL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,320,737**	**2,385,419**	**2,547,174**	**2,759,873**	**2,935,861**	**3,139,635**	**1,023,470**	**1,034,389**	**1,043,471**	**1,119,677**	**1,158,520**	**1,198,481**
Nonfarm personal income	2,306,450	2,370,402	2,538,623	2,748,195	2,920,208	3,120,534	985,956	1,012,983	1,042,225	1,094,328	1,128,434	1,170,777
Farm income[1]	14,287	15,017	8,551	11,678	15,653	19,101	37,514	21,406	1,246	25,349	30,086	27,704
Population (thousands)[2]	214.1	214.0	212.9	213.4	214.1	217.7	103.1	102.1	100.7	99.9	98.6	98.0
Per capita personal income (dollars)	**10,839**	**11,144**	**11,965**	**12,931**	**13,714**	**14,425**	**9,928**	**10,131**	**10,365**	**11,212**	**11,747**	**12,236**
Derivation of total personal income:												
Total earnings by place of work	1,939,266	1,963,110	2,090,433	2,253,663	2,422,243	2,602,570	641,237	630,676	621,902	672,294	705,026	727,786
Less: Personal contributions for social insurance[3]	115,403	124,082	129,031	140,213	158,268	171,630	36,949	38,462	38,567	40,511	44,097	45,902
Plus: Adjustment for residence	−176,261	−170,980	−185,362	−193,885	−211,602	−226,481	74,264	69,542	69,888	82,398	82,165	81,539
Equals: Net earnings by place of residence	1,647,602	1,668,048	1,776,040	1,919,565	2,052,373	2,204,459	678,552	661,756	653,223	714,181	743,094	763,423
Plus: Dividends, interest, and rent[5]	368,491	380,365	408,911	463,876	477,406	501,978	169,368	175,965	176,312	190,951	192,486	202,587
Plus: Transfer payments	304,644	337,006	362,223	376,432	406,082	433,198	175,550	196,668	213,936	214,545	222,940	232,471
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,625,294	1,654,081	1,754,569	1,894,024	2,034,604	2,179,085	503,326	507,026	509,458	530,262	549,912	567,109
Other labor income	197,834	202,002	210,846	218,745	229,587	243,923	50,065	52,047	52,501	52,518	54,286	55,395
Proprietors' income[6]	116,138	107,027	125,018	140,894	158,052	179,562	87,846	71,603	59,943	89,514	100,828	105,282
Farm	9,586	9,908	3,710	6,922	10,844	14,264	32,627	16,136	−3,829	20,363	24,994	22,566
Nonfarm	106,552	97,119	121,308	133,972	147,208	165,298	55,219	55,467	63,772	69,151	75,834	82,716
Earnings by industry:												
Farm	14,287	15,017	8,551	11,678	15,653	19,101	37,514	21,406	1,246	25,349	30,086	27,704
Nonfarm	1,924,979	1,948,093	2,081,882	2,241,985	2,406,590	2,583,469	603,723	609,270	620,656	646,945	674,940	700,082
Private	1,678,044	1,689,528	1,818,868	1,972,445	2,113,392	2,261,450	515,073	506,984	515,928	535,741	560,232	579,806
Agricultural services, forestry, fisheries, and other[7]	4,633	5,397	6,533	6,728	6,656	7,421	3,819	2,824	2,601	2,414	2,108	2,559
Agricultural services	4,524	5,376	6,281	6,486	6,477	7,207	3,812	2,821	2,575	2,401	2,074	2,521
Forestry, fisheries, and other[7]	109	(L)	252	242	179	214	(L)	(L)	(L)	(L)	(L)	(L)
Mining	8,052	6,601	6,165	7,386	10,389	11,235	1,774	1,553	1,321	1,457	1,836	1,006
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,361	1,227	899	1,010	1,351	(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)	408	321	416	439	476	(D)
Construction	104,852	90,705	91,791	91,618	105,350	116,603	42,127	40,988	38,819	44,433	45,620	51,538
Manufacturing	799,852	797,788	855,883	959,004	1,029,704	1,081,296	170,413	161,157	156,482	146,232	149,585	145,502
Nondurable goods	437,506	471,953	500,607	553,940	583,108	624,443	92,814	91,373	89,089	88,603	94,139	89,809
Food and kindred products	21,114	24,951	25,489	24,989	18,210	20,583	40,009	38,019	36,154	37,655	36,943	37,150
Textile mill products	(D)	229	0	0	(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	125,006	132,565	143,490	158,353	163,712	172,123	5,723	5,054	4,512	5,693	6,655	7,612
Printing and publishing	23,994	24,471	25,860	31,286	34,837	40,423	3,783	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	34,266	36,129	35,981	37,115	39,141	36,162
Petroleum and coal products	840	1,238	699	764	704	564	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	29,655	29,820	33,542	40,130	43,243	45,736	8,229	7,302	7,429	(D)	5,603	2,686
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Durable goods	362,346	325,835	355,276	405,064	446,596	456,853	77,599	69,784	67,393	57,629	55,446	55,693
Lumber and wood products	760	531	589	1,056	990	1,405	171	(D)	(D)	(D)	1,069	1,341
Furniture and fixtures	(D)	10,792	12,364	13,691	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	7,655	7,973	8,665	10,324	11,170	13,619	(D)	491	640	(D)	293	(L)
Fabricated metal products	(D)	(D)	(D)	203,892	233,626	232,529	10,662	12,981	11,868	13,741	13,338	9,693
Machinery, except electrical	59,342	55,340	48,899	53,784	51,144	52,587	4,038	8,107	2,973	3,056	3,448	4,345
Electric and electronic equipment	865	984	754	(D)	436	446	42,675	32,984	36,084	21,926	19,906	19,768
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	65,360	47,715	41,808	24,285	21,663	24,676	177	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	19,050	19,713	15,519	17,348	19,410	18,997	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	17,242	22,877	27,104	30,416	34,376	37,220	0	0	0	0	(D)	(D)
Miscellaneous manufacturing industries	1,849	1,672	2,171	2,758	3,919	4,636	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	88,487	90,195	88,128	83,533	90,322	92,177	41,610	41,135	39,859	44,642	49,340	49,548
Railroad transportation	4,609	4,049	3,527	4,315	4,812	3,664	6,815	5,847	5,063	6,838	7,997	7,223
Trucking and warehousing	32,932	33,343	32,393	31,276	32,642	35,381	16,693	16,577	15,750	17,802	20,656	22,047
Water transportation	0	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	5,974	(D)	(D)	(D)	8,136	(D)	2,354	(D)	(D)	(D)	(D)	(D)
Communication	(D)	28,236	27,197	22,801	25,935	25,240	10,842	11,004	10,510	10,808	10,836	9,283
Electric, gas, and sanitary services	(D)	18,420	18,623	17,958	18,797	(D)	4,906	5,246	5,938	6,593	7,041	8,021
Wholesale trade	79,245	81,294	91,993	96,826	97,494	103,782	32,957	32,882	32,672	48,028	45,428	44,586
Retail trade	168,779	169,061	180,812	188,217	188,641	215,681	85,247	78,589	79,316	73,700	74,597	75,585
Finance, insurance, and real estate	58,041	56,435	65,659	67,994	72,654	95,591	20,545	20,035	21,194	22,654	26,410	29,253
Banking and credit agencies	28,124	30,102	32,142	34,182	36,042	35,722	12,909	13,946	14,309	15,125	16,550	16,776
Other finance, insurance, and real estate[9]	29,917	26,333	33,517	33,812	36,612	59,869	7,636	6,089	6,885	7,529	9,860	12,477
Services	366,103	392,052	431,904	471,139	512,182	537,664	116,581	127,821	143,664	152,181	165,308	180,229
Hotels and other lodging places	9,249	8,629	9,885	11,755	12,168	6,192	(D)	(D)	(D)	1,220	1,090	1,196
Personal services	20,591	22,941	23,037	22,957	26,701	22,711	6,375	6,848	7,475	7,561	9,368	10,088
Private households	4,563	4,809	4,947	5,473	5,484	5,644	1,521	1,625	1,686	1,872	1,876	1,922
Business services	40,656	40,940	53,642	61,728	73,142	84,856	15,611	19,447	25,365	28,055	32,104	38,972
Auto repair, services, and garages	12,778	13,357	13,756	15,950	17,961	19,138	9,161	8,924	9,415	10,268	10,741	11,490
Miscellaneous repair services	4,223	4,497	4,900	5,556	7,705	7,875	2,137	2,109	2,478	2,629	2,074	2,287
Amusement and recreation services	6,328	6,245	6,479	7,117	7,640	7,506	3,856	4,080	4,307	4,523	4,709	5,135
Motion pictures	(D)	(D)	(D)	(D)	(D)	606	184	(D)	(D)	173	267	261
Health services	181,214	200,942	218,882	232,849	245,359	260,551	52,191	58,284	64,053	66,325	71,191	73,891
Legal services	20,082	23,545	24,918	28,462	28,874	32,022	3,240	3,558	4,198	4,443	4,860	5,707
Educational services	10,657	11,115	12,241	13,684	13,921	(D)	(D)	5,806	6,431	7,027	6,934	7,778
Social services	8,814	8,440	9,004	9,502	11,053	14,604	3,013	3,083	3,316	3,236	3,434	3,264
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	15,589	16,812	17,546	18,181	18,771	20,318	6,581	7,054	7,020	7,216	7,482	8,250
Miscellaneous services	30,547	28,968	31,907	37,096	42,711	40,482	6,271	5,409	6,191	7,633	9,178	9,988
Government and government enterprises	246,935	258,565	263,014	269,540	293,198	322,019	88,650	102,286	104,728	111,204	114,708	120,276
Federal, civilian	24,134	24,471	26,451	28,425	30,600	30,197	7,353	7,409	7,838	8,447	9,132	9,473
Military	1,965	2,255	2,487	2,676	2,918	3,161	963	1,052	1,228	1,218	1,341	1,474
State and local	220,836	231,839	234,076	238,439	259,680	288,661	80,334	93,825	95,662	101,539	104,235	109,329

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Kansas City, MO—KS (MSA)						Kenosha, WI (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**16,872,336**	**17,876,190**	**18,881,252**	**20,653,938**	**22,315,113**	**23,669,911**	**1,405,872**	**1,444,517**	**1,519,084**	**1,622,415**	**1,646,313**	**1,728,772**
Nonfarm personal income	16,772,538	17,814,199	18,856,499	20,602,250	22,221,569	23,574,195	1,390,927	1,431,729	1,514,516	1,615,288	1,639,018	1,717,806
Farm income[1]	99,798	61,991	24,753	51,688	93,544	95,716	14,945	12,788	4,568	7,127	7,295	10,966
Population (thousands)[2]	1,442.9	1,450.0	1,460.3	1,479.3	1,499.1	1,517.8	122.8	121.7	121.0	121.1	121.1	120.0
Per capita personal income (dollars)	**11,694**	**12,329**	**12,930**	**13,962**	**14,885**	**15,595**	**11,445**	**11,873**	**12,550**	**13,398**	**13,599**	**14,405**
Derivation of total personal income:												
Total earnings by place of work	13,062,497	13,611,023	14,440,629	16,009,395	17,452,441	18,605,460	889,169	913,589	956,155	995,736	947,119	874,784
Less: Personal contributions for social insurance[3]	761,614	821,935	857,315	957,049	1,087,585	1,171,224	53,281	56,610	57,483	59,974	58,958	54,043
Plus: Adjustment for residence	−188,245	−209,694	−205,109	−240,530	−283,327	−352,442	180,868	169,865	174,989	220,633	259,177	385,578
Equals: Net earnings by place of residence	12,112,638	12,579,394	13,378,205	14,811,816	16,081,529	17,081,794	1,016,756	1,026,844	1,073,661	1,156,395	1,147,338	1,206,319
Plus: Dividends, interest, and rent[5]	2,697,740	3,026,376	3,120,910	3,401,628	3,631,904	3,794,769	177,803	192,533	205,947	221,146	228,547	240,336
Plus: Transfer payments	2,061,958	2,270,420	2,382,137	2,440,494	2,601,680	2,793,348	211,313	225,140	239,476	244,874	270,428	282,117
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	10,842,262	11,334,393	11,987,196	13,255,798	14,401,828	15,318,266	726,172	746,858	782,255	813,358	771,957	703,600
Other labor income	1,058,371	1,167,446	1,237,462	1,313,632	1,405,452	1,483,215	100,280	107,529	114,959	112,427	98,436	83,051
Proprietors' income[6]	1,161,864	1,109,184	1,215,971	1,439,965	1,645,161	1,803,979	62,717	59,202	58,941	69,951	76,726	88,133
Farm	82,591	44,147	7,459	34,575	76,257	78,332	12,159	9,638	1,530	4,150	4,270	7,922
Nonfarm	1,079,273	1,065,037	1,208,512	1,405,390	1,568,904	1,725,647	50,558	49,564	57,411	65,801	72,456	80,211
Earnings by industry:												
Farm	99,798	61,991	24,753	51,688	93,544	95,716	14,945	12,788	4,568	7,127	7,295	10,966
Nonfarm	12,962,699	13,549,032	14,415,876	15,957,707	17,358,897	18,509,744	874,224	900,801	951,587	988,609	939,824	863,818
Private	11,100,723	11,552,594	12,307,331	13,680,212	14,898,954	15,892,029	773,866	782,792	825,282	855,593	795,631	712,607
Agricultural services, forestry, fisheries, and other[7]	40,200	44,876	52,783	55,945	53,763	58,597	4,287	1,477	1,786	1,822	1,796	2,050
Agricultural services	37,962*	42,605*	48,831*	51,767*	50,636*	55,127*	4,221	1,349	1,562	1,585	1,546	1,768
Forestry, fisheries, and other[7]	(D)	(D)	1,152*	(D)	(D)	(D)	66	128	224	237	250	282
Mining	66,411	63,083	57,674	57,674	69,574	69,608	1,889	1,420	1,587	1,554	2,185	2,231
Coal mining	(D)	2,204	1,495	3,139	3,353	3,449	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	1,883	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)
Construction	701,695	657,161	746,115	946,549	1,102,927	1,263,391	51,424	48,496	45,696	45,189	45,698	46,145
Manufacturing	2,810,609	2,831,670	2,953,594	3,317,487	3,552,356	3,606,109	459,350	466,923	499,537	515,659	445,408	348,481
Nondurable goods	1,114,975	1,158,554	1,182,931	1,273,199	1,353,320	1,460,965	40,213	40,382	42,870	44,949	46,904	50,324
Food and kindred products	210,681*	213,905*	231,182*	236,918*	244,207*	253,564*	22,067	22,447	22,715	22,728	23,918	25,805
Textile mill products	1,605	1,413*	1,684*	(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	99,459*	104,727*	113,886*	121,066*	126,951*	134,552*	(D)	(D)	(D)	(D)	821	(D)
Printing and publishing	348,512*	382,476*	413,309*	462,195*	487,704*	510,900*	5,454	5,555	6,141	6,377	7,022	7,485
Chemicals and allied products	214,111*	228,714*	237,394*	267,352*	301,323*	363,798*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	85,528*	68,323*	28,229*	18,998*	20,480	20,727	0	0	0	0	0	0
Tobacco manufactures	77	(L)	112	140	139	122	0	0	0	0	0	0
Rubber and misc. plastic products	70,957*	(D)	(D)	85,282*	92,399*	95,571*	613	630	1,090	1,627	2,054	2,548
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,695,634	1,673,116	1,770,663	2,044,288	2,199,036	2,145,144	419,137	426,541	456,667	470,710	398,504	298,157
Lumber and wood products	(D)	(D)	(D)	(D)	29,750*	36,292*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	27,628*	(D)	(D)	31,812*	33,588*	33,781*	(D)	(D)	(D)	(D)	(D)	4,684
Primary metal industries	184,030*	142,844*	113,843*	122,036*	114,111*	(D)	41,375	33,719	36,977	37,765	32,544	34,562
Fabricated metal products	196,375*	207,109*	228,355*	241,993*	264,078*	267,285*	77,887	70,196	64,288	73,975	73,432	74,345
Machinery, except electrical	249,345*	216,293*	202,226*	219,677*	222,686*	231,330*	9,999	24,202	23,436	26,797	25,215	24,032
Electric and electronic equipment	455,826*	470,427*	486,001*	558,174*	621,510*	567,164*	18,864	5,501	5,032	6,277	6,811	7,224
Transportation equip. exc. motor vehicles	(D)	(D)	6,163*	(D)	(D)	(D)	2,860	1,744	1,625	(D)	(D)	(D)
Motor vehicles and equipment	355,347	(D)	(D)	(D)	(D)	(D)	255,988	279,173	312,834	(D)	(D)	(D)
Stone, clay, and glass products	106,411*	(D)	(D)	(D)	112,929*	116,529*	2,626	2,442	2,384	2,689	2,626	3,248
Instruments and related products	35,757*	49,906*	52,692*	57,279*	59,572*	59,668*	67	76	79	143	(D)	(D)
Miscellaneous manufacturing industries	18,269*	17,650*	18,913*	19,071*	20,072*	20,189*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	1,507,605	1,602,183	1,688,816	1,739,623	1,845,664	1,916,040	29,726	28,287	30,650	34,136	33,587	32,544
Railroad transportation	243,938	255,215	273,340	288,852	278,562	264,924	2,167	2,233	2,270	2,463	2,371	2,377
Trucking and warehousing	404,715	420,080	431,620	468,750	494,431	530,181	18,056	16,307	17,899	20,663	18,732	17,174
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	2,300	2,512	3,205	3,855	3,744	4,238
Communication	282,366*	(D)	(D)	374,195*	401,912*	442,966*	2,636	2,844	2,848	2,701	2,468	2,261
Electric, gas, and sanitary services	162,198*	180,612*	188,302*	(D)	202,101*	208,949*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,235,554	1,300,108	1,287,658	1,414,384	1,525,082	1,629,503	19,727	20,850	21,130	21,433	24,289	24,767
Retail trade	1,306,528	1,354,760	1,457,937	1,608,504	1,704,620	1,803,428	76,644	76,253	78,681	80,097	80,139	84,629
Finance, insurance, and real estate	896,751	932,745	1,055,634	1,143,365	1,279,970	1,475,094	14,258	13,060	14,168	13,612	14,528	17,131
Banking and credit agencies	(D)	294,803*	311,861*	349,105*	378,840*	401,872*	8,846	9,531	9,533	8,794	9,167	8,834
Other finance, insurance, and real estate[9]	(D)	620,510*	722,171*	788,312*	894,727*	1,007,518*	5,412	3,529	4,635	4,818	5,361	8,297
Services	2,535,370	2,766,008	3,007,120	3,396,681	3,764,998	4,070,259	116,561	126,026	132,047	142,091	148,001	154,629
Hotels and other lodging places	(D)	74,390*	82,474*	90,004*	(D)	(D)	1,025	993	1,047	1,061	926	1,374
Personal services	133,174	142,361	156,671	166,912	195,958	210,287	7,054	7,464	7,890	8,339	9,654	9,845
Private households	30,812*	(D)	(D)	(D)	(D)	(D)	890	949	983	1,087	1,090	1,118
Business services	452,490*	519,322	595,548	731,806	836,891	930,947	7,025	9,594	11,940	14,679	18,018	20,698
Auto repair, services, and garages	109,270	108,855	116,062	137,612	153,864	160,529	7,647	7,728	7,613	7,684	6,280	6,443
Miscellaneous repair services	52,726	53,958	62,379	72,221	57,561	66,377	1,542	1,401	1,519	1,981	1,763	1,908
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	4,158	4,557	4,511	4,582	4,939	4,461
Motion pictures	9,521*	14,417*	14,599*	38,426*	55,280*	60,575*	(D)	438	450	(D)	(D)	(D)
Health services	816,602	961,969	1,011,631	1,067,119	1,153,952	1,240,493	60,181	65,579	65,920	67,065	67,835	71,392
Legal services	182,898	217,046	249,799	289,920	331,102	368,024	4,239	4,989	5,660	7,155	7,859	8,144
Educational services	70,338*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,727	7,942	7,907
Social services	48,287*	49,807*	55,736*	65,423*	71,420	78,036	4,642	4,595	4,965	5,630	6,090	5,248
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	108,596*	116,815	123,458	129,280	134,975	139,894	6,947	7,384	7,970	8,452	8,369	8,314
Miscellaneous services	362,866	329,059	343,222	390,346	446,129	482,077	5,032	4,396	5,067	6,268	7,101	7,516
Government and government enterprises	1,861,976	1,996,438	2,108,545	2,277,495	2,459,943	2,617,715	100,358	118,009	126,305	133,016	144,193	151,211
Federal, civilian	627,796	672,306	720,195	780,950	812,057	833,441	5,717	5,905	6,148	6,656	7,159	7,235
Military	133,428	151,291	157,112	179,336	204,313	224,398	2,642	2,642	3,368	4,026	4,600	4,839
State and local	1,100,752	1,172,841	1,231,238	1,317,209	1,443,573	1,559,876	91,999	109,462	116,789	122,334	132,434	139,137

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Killeen—Temple, TX (MSA)						Knoxville, TN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,871,159**	**2,091,546**	**2,231,781**	**2,409,233**	**2,590,750**	**2,695,336**	**5,192,460**	**5,520,789**	**5,845,726**	**6,368,462**	**6,736,164**	**7,207,565**
Nonfarm personal income	1,855,850	2,071,359	2,220,389	2,402,770	2,578,448	2,686,172	5,143,607	5,471,622	5,811,622	6,314,835	6,690,393	7,168,162
Farm income[1]	15,309	20,187	11,392	6,463	12,302	9,164	48,853	49,167	34,104	53,627	45,771	39,403
Population (thousands)[2]	219.6	224.4	227.5	228.5	232.9	233.7	573.7	582.3	586.1	589.3	589.1	591.1
Per capita personal income (dollars)	**8,520**	**9,319**	**9,809**	**10,543**	**11,122**	**11,534**	**9,051**	**9,481**	**9,974**	**10,807**	**11,434**	**12,193**
Derivation of total personal income:												
Total earnings by place of work	1,475,911	1,642,909	1,757,145	1,885,152	2,012,714	2,084,284	3,846,313	4,070,768	4,295,172	4,698,916	4,972,545	5,379,216
Less: Personal contributions for social insurance[3]	74,385	83,654	90,961	99,378	108,277	114,194	230,371	254,052	250,406	272,114	301,155	328,402
Plus: Adjustment for residence	2,479	13,816	−1,963	11,240	9,439	7,741	36,874	26,020	13,028	6,303	−8,395	−52,025
Equals: Net earnings by place of residence	1,404,005	1,573,071	1,664,221	1,797,014	1,913,876	1,977,831	3,652,816	3,842,736	4,057,794	4,433,105	4,662,995	4,998,789
Plus: Dividends, interest, and rent[4]	202,976	223,007	241,015	273,480	298,779	308,653	737,855	809,836	842,887	957,614	1,023,077	1,094,173
Plus: Transfer payments	264,178	295,468	326,545	338,739	378,095	408,852	801,789	868,217	945,045	977,743	1,050,092	1,114,603
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,291,945	1,440,046	1,533,218	1,643,237	1,748,903	1,808,729	3,128,472	3,318,332	3,476,228	3,759,589	3,980,270	4,299,453
Other labor income	70,136	80,856	91,106	98,122	102,233	106,251	299,703	333,106	352,086	365,692	381,160	405,324
Proprietors' income[5]	113,830	122,007	132,821	143,793	161,578	169,304	418,138	419,330	466,858	573,635	611,115	674,439
Farm	12,946	17,564	8,858	3,966	9,772	6,626	43,149	42,713	27,890	47,517	39,618	33,200
Nonfarm	100,884	104,443	123,963	139,827	151,806	162,678	374,989	376,617	438,968	526,118	571,497	641,239
Earnings by industry:												
Farm	15,309	20,187	11,392	6,463	12,302	9,164	48,853	49,167	34,104	53,627	45,771	39,403
Nonfarm	1,460,602	1,622,722	1,745,753	1,878,689	2,000,412	2,075,120	3,797,460	4,021,601	4,261,068	4,645,289	4,926,774	5,339,813
Private	675,362	726,751	804,796	901,963	965,446	1,016,148	3,022,385	3,264,079	3,465,564	3,820,722	4,057,838	4,392,314
Agricultural services, forestry, fisheries, and other[7]	3,606	3,787	4,281	3,686	3,550	3,783	9,478	10,828	12,826	12,078	12,203	13,614
Agricultural services	3,562	3,768	4,182	3,649	3,435	3,657	(D)	9,648*	11,060*	10,379*	10,491*	11,628*
Forestry, fisheries, and other[7]	(L)	(L)	99	(L)	115	126	(D)	(D)	(D)	(D)	(D)	(D)
Mining	3,802	4,954	5,251	4,809	5,455	5,382	(D)	61,827	54,521	60,583	59,891	63,485
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	24,928*	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	4,743	3,964	3,410	(D)	(D)	8,824*	8,152*	6,417*	6,595*	9,605*	9,789*
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	215	1,283	1,395	(D)	(D)	5,357*	(D)	(D)	(D)	(D)	(D)
Construction	71,698	83,357	96,626	111,829	120,343	125,424	243,999	258,434	275,045	319,457	332,346	370,102
Manufacturing	146,627	144,603	159,905	181,306	192,383	197,306	938,506	969,060	1,063,093	1,200,643	1,248,303	1,283,194
Nondurable goods	64,976	66,893	73,849	82,144	86,845	91,587	532,726*	543,566*	595,592*	376,031*	364,931*	387,417*
Food and kindred products	5,017	5,061*	4,170*	5,286*	5,659*	4,943*	71,007*	(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	7,915*	8,434*	9,424*	9,772*	10,548*	12,237	34,769*	40,140*	41,963*	48,458*	56,555*	61,872*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	438	830	1,136	1,217	1,625*	1,011*	1,273*	1,640*	2,387*	565*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	36,176*	37,679*	45,736*	51,256*	53,814*	56,861*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	7,433*	6,741*	7,413*	6,513*	(D)	(D)
Durable goods	81,651	77,710	86,056	99,162	105,538	105,719	401,847*	411,034*	451,846*	806,508*	863,450*	880,269*
Lumber and wood products	8,242*	11,095*	15,165*	16,146*	14,732	14,990*	26,620*	22,038*	27,261*	29,957*	33,966	35,857
Furniture and fixtures	14,168*	11,088*	12,196*	15,608*	22,926*	22,669*	(D)	(D)	(D)	(D)	28,277*	29,800*
Primary metal industries	4,195	4,195	3,936	4,848	5,337	5,507	(D)	(D)	(D)	196,309	171,101*	(D)
Fabricated metal products	1,570*	753*	318*	283*	(D)	525*	27,605*	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	37,411*	33,656*	34,606*	39,429*	34,922*	35,243*	35,145*	55,719*	60,636*	73,544*	74,188*	73,316*
Electric and electronic equipment	(D)	(D)	(D)	(D)	899*	(D)	(D)	(D)	(D)	(D)	70,262*	62,480*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	2,386	2,229	(D)	(D)	(D)	16,169*	23,790*	27,575*
Motor vehicles and equipment	1,431	(D)	(D)	(D)	(D)	(D)	8,020*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	9,721*	10,261*	12,369*	13,652*	13,878*	17,442*	21,571*	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	39,621	42,784	(D)	(D)	(D)
Miscellaneous manufacturing industries	2,554	2,388	2,646	3,828	3,730	3,845	17,269*	18,286*	16,051*	17,813*	19,547*	21,168*
Transportation and public utilities	73,570	77,842	77,504	82,203	80,494	75,493	221,242	238,259	244,534	261,240	263,567	274,173
Railroad transportation	28,314	26,987	26,791	29,558	28,293	24,655	37,253	38,769	42,321	46,424	44,400	40,919
Trucking and warehousing	11,106	12,042	10,740	11,821	11,745	12,493	76,838	78,415	81,442	98,828	98,992	107,659
Water transportation	(D)	(D)	(D)	138	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	8,511	(D)	(D)	(D)	(D)	(D)	29,048*	29,489*	27,930*
Communication	20,580	23,622	23,435	22,574	22,499	22,228	75,529*	82,783*	83,379*	67,221*	(D)	81,628*
Electric, gas, and sanitary services	6,508	7,490	8,146	9,601	9,399	9,282	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	31,947	37,564	40,239	46,547	51,923	51,828	254,416*	277,728	279,032	297,040	331,281	360,832
Retail trade	129,025	136,054	149,344	165,157	174,089	181,766	425,494	477,192	491,017	529,646	561,107	617,551
Finance, insurance, and real estate	33,844	37,920	46,377	53,706	59,525	66,853	146,961	154,301	170,182	173,991	187,305	217,213
Banking and credit agencies	16,977	18,946	21,785	25,679	29,310	(D)	58,159*	63,614*	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	16,867	18,974	24,592	28,027	30,215	(D)	79,024*	79,527*	92,038*	97,997*	(D)	(D)
Services	181,243	200,670	225,269	252,720	277,684	308,313	704,042	816,450	875,314	966,044	1,061,835	1,192,150
Hotels and other lodging places	2,904	2,761	2,826	2,722*	3,492	4,208	44,022*	59,388*	50,498*	53,329*	51,148*	56,884*
Personal services	12,891	15,793	16,277	16,583	20,168	21,011	34,753	39,236	43,931	46,251	57,323	60,943*
Private households	3,052	3,381	3,604	4,046	4,121	4,291	12,735	13,666	14,216	15,851	15,971	16,462
Business services	16,050	19,873	21,059	26,579	30,570	36,347	92,095*	113,350	123,494	140,658	162,266	181,904
Auto repair, services, and garages	11,003	9,960	11,559	14,269	16,260	16,376	28,442	29,140	32,755	39,448	46,379	50,121
Miscellaneous repair services	5,508	6,993	9,075	11,857	12,360	15,134	13,794	14,195*	16,715*	19,227*	19,446	20,829
Amusement and recreation services	(D)	1,884*	1,795*	2,385*	2,975	3,503	14,248*	31,664*	16,669*	17,485*	19,854*	25,377*
Motion pictures	(D)	(D)	(D)	(D)	(D)	1,094	(D)	(D)	(D)	(D)	(D)	(D)
Health services	102,582	113,689	126,432	137,092	146,949	162,272	285,261	332,113	368,685	402,670	428,351	476,419
Legal services	5,272	5,578	6,951	7,543	8,433	9,422	41,870	44,861	49,853	62,707	71,311	84,488
Educational services	3,264	3,494	4,883	5,119	5,483	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	2,202	2,717	3,495	4,437	5,166	4,997	10,015*	9,993*	10,894*	12,264*	12,967*	14,023*
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,135	8,220	8,853	9,367	9,764	10,029	29,522*	32,822	33,246	35,141	36,449	36,552
Miscellaneous services	6,741	5,303	7,324	9,508	10,880	13,724	78,324	76,654	93,181	97,434	115,589	138,793
Government and government enterprises	785,240	895,971	940,957	976,726	1,034,966	1,058,972	775,075	757,522	795,504	824,567	868,936	947,499
Federal, civilian	124,619	149,515	162,509	177,698	180,689	180,804	282,585	286,957	300,364	306,842	297,581	307,899
Military	540,694	603,277	615,877	619,986	653,997	665,241	10,881	12,225	13,324	14,571	15,702	16,586
State and local	119,927	143,179	162,571	179,042	200,280	212,927	481,609	458,340	481,816	503,154	555,653	623,014

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Kokomo, IN (MSA)						La Crosse, WI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,051,662**	**1,036,175**	**1,131,799**	**1,289,045**	**1,395,986**	**1,418,538**	**943,704**	**1,010,516**	**1,066,825**	**1,150,776**	**1,214,926**	**1,278,318**
Nonfarm personal income	1,032,919	1,017,987	1,126,828	1,262,924	1,365,929	1,389,425	927,226	994,153	1,061,230	1,139,419	1,206,386	1,263,450
Farm income[1]	18,743	18,188	4,971	26,121	30,057	29,113	16,478	16,363	5,595	11,357	8,540	14,868
Population (thousands)[2]	102.8	101.7	101.1	101.5	101.5	101.4	92.3	92.9	93.0	93.9	94.2	94.1
Per capita personal income (dollars)	**10,234**	**10,184**	**11,199**	**12,703**	**13,753**	**13,993**	**10,223**	**10,872**	**11,467**	**12,261**	**12,902**	**13,582**
Derivation of total personal income:												
Total earnings by place of work	964,736	904,334	1,016,353	1,200,476	1,323,657	1,315,275	783,638	812,910	856,258	931,215	987,693	1,038,044
Less: Personal contributions for social insurance[3]	52,811	51,419	56,462	66,244	76,688	77,165	47,452	51,614	53,160	57,909	63,552	67,732
Plus: Adjustment for residence	−153,236	−134,152	−160,160	−191,165	−212,344	−202,400	−78,129	−75,470	−82,486	−87,606	−98,930	−97,843
Equals: Net earnings by place of residence	758,689	718,763	799,731	943,067	1,034,625	1,035,710	658,057	685,826	720,612	785,700	825,211	872,469
Plus: Dividends, interest, and rent[5]	152,281	160,955	169,653	181,541	189,976	198,919	142,655	164,034	171,597	188,217	196,364	206,352
Plus: Transfer payments	140,692	156,457	162,415	164,437	171,385	183,909	142,992	160,656	174,616	176,859	193,351	199,497
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	802,386	749,284	852,237	993,149	1,096,987	1,087,178	651,389	674,497	715,587	772,292	820,097	853,268
Other labor income	101,872	96,645	111,813	127,055	136,429	132,471	63,174	69,627	74,483	77,834	81,109	83,860
Proprietors' income[6]	60,478	58,405	52,303	80,272	90,241	95,626	69,075	68,786	66,188	81,089	86,487	100,916
Farm	14,405	13,212	149	21,352	25,221	24,217	14,192	13,747	3,073	8,885	6,029	12,345
Nonfarm	46,073	45,193	52,154	58,920	65,020	71,409	54,883	55,039	63,115	72,204	80,458	88,571
Earnings by industry:												
Farm	18,743	18,188	4,971	26,121	30,057	29,113	16,478	16,363	5,595	11,357	8,540	14,868
Nonfarm	945,993	886,146	1,011,382	1,174,355	1,293,600	1,286,162	767,160	796,547	850,663	919,858	979,153	1,023,176
Private	867,726	803,451	923,583	1,082,475	1,196,518	1,182,686	666,209	691,825	738,859	802,622	842,862	887,754
Agricultural services, forestry, fisheries, and other[7]	(D)	2,719	2,963	3,051	3,197	3,551	1,433	1,685	2,052	2,100	2,075	2,387
Agricultural services	(D)	2,706	2,922	3,039	3,137	3,484	1,379	1,679	1,927	2,015	1,944	2,236
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	60	67	54	(L)	125	85	131	151
Mining	1,868	1,271	1,291	1,419	2,020	2,148	1,577	1,768	1,179	1,282	1,877	1,889
Coal mining	(L)	(L)	(L)	(D)	57	59	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	881	(D)	(D)	1,577	1,768	1,179	1,282	1,877	1,889
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	26,950	21,837	26,660	39,823	38,833	40,106	46,579	42,670	48,618	53,827	51,752	57,498
Manufacturing	606,893	541,944	639,042	761,428	854,025	809,379	219,495	228,598	233,027	250,754	262,082	258,945
Nondurable goods	16,962	15,767	13,982	14,244	13,798	14,833	78,399	84,755	93,887	101,785	100,032	99,006
Food and kindred products	(D)	9,212	8,045	(D)	(D)	(D)	39,631	43,380	47,645	49,533	49,064	53,411
Textile mill products	(D)	(L)	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	7,213	8,500	8,801	8,038	4,733	6,348
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	0
Printing and publishing	4,365*	4,395*	3,883*	3,992*	4,207*	4,326*	9,744	8,572	9,310	10,109	13,640	14,981
Chemicals and allied products	0	0	0	0	0	(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	180	92	131	139	108	113
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	21,270	23,834	27,601	31,133	31,722	23,544
Leather and leather products	0	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)	(D)
Durable goods	589,931	526,177	625,060	747,184	840,227	794,546	141,096	143,843	139,140	148,969	162,050	159,939
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	8,199	6,381	6,922	9,354	10,638	11,872
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	65	63	(D)	0	(D)
Primary metal industries	119,778	106,881	111,176	125,435	130,901	90,555	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	11,998	11,581	11,599	12,123	12,492	18,305
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)	624	671	717	920	(D)	634
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,706	5,147	(D)	(D)	(D)
Motor vehicles and equipment	85,601	(D)	(D)	(D)	(D)	(D)	1,430	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,754*	4,585*	5,065*	5,678*	5,669*	6,467*	3,149	2,778	2,946	3,776	3,019	2,204
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,141	992	924	1,049	974	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	4,407	2,907	3,112	3,639	3,536	3,697
Transportation and public utilities	32,275	34,754	39,271	42,936	42,675	44,086	59,331	59,950	59,523	69,157	71,174	71,472
Railroad transportation	(D)	1,607	1,610	1,426	(D)	962	16,110	15,530	14,751	16,843	16,844	16,026
Trucking and warehousing	10,171	(D)	(D)	16,009	17,655	18,708	16,760	15,357	13,960	15,247	15,462	15,888
Water transportation	0	0	0	0	0	0	565	585	704	1,062	1,160	485
Other transportation[8]	(D)	1,897	3,359	(D)	(D)	(D)	3,214	2,547	2,734	3,317	3,856	3,839
Communication	(D)	(D)	(D)	10,161*	10,846*	10,310*	9,904	11,503	12,014	15,552	18,267	18,642
Electric, gas, and sanitary services	9,919*	10,879*	10,944*	10,228*	9,773	10,539	12,778	14,428	15,360	17,136	15,585	16,592
Wholesale trade	(D)	19,116	18,954	21,073	23,227	24,596	61,640	63,699	66,421	72,389	78,673	87,437
Retail trade	75,515	73,792	79,601	84,609	91,013	97,899	88,676	92,101	99,793	106,603	111,367	120,643
Finance, insurance, and real estate	20,886	20,580	22,543	23,290	25,854	29,186	19,662	18,792	23,444	24,288	26,366	31,585
Banking and credit agencies	10,340	10,766	11,347	11,940	12,874	13,722	8,715	9,143	11,408	11,782	12,922	14,076
Other finance, insurance, and real estate[9]	10,546	9,814	11,196	11,350	12,980	15,464	10,947	9,649	12,036	12,506	13,444	17,509
Services	81,253	87,438	93,258	104,846	115,674	131,735	167,816	182,562	204,802	222,222	237,496	255,898
Hotels and other lodging places	1,246*	1,186*	1,276*	1,336*	1,541*	1,561*	(D)	4,609	4,914	3,609	2,950	4,235
Personal services	6,217	6,572	7,614	7,808	8,938	9,610	8,980	9,884	10,604	11,681	12,937	13,983
Private households	902	959	994	1,096	1,097	1,122	2,158	2,307	2,393	2,653	2,662	2,729
Business services	5,889	6,554	7,587	9,179	14,353	22,844	14,168	17,099	21,874	24,342	25,351	28,305
Auto repair, services, and garages	4,289	3,941	4,864	5,753	6,336	7,066	4,263	4,434	5,157	6,601	7,008	7,558
Miscellaneous repair services	1,961	2,304	2,211	2,631	2,533	2,873	1,764	1,708	2,057	2,268	2,029	2,093
Amusement and recreation services	1,687*	1,751	1,889	2,037	2,248	2,307	1,950	1,868	2,004	2,250	2,891	3,360
Motion pictures	377	360*	317*	(D)	(D)	(D)	241	258	249	254	198	134
Health services	40,724	45,200	47,168	52,441	53,931	57,054	98,843	108,850	120,511	126,012	136,697	145,161
Legal services	4,611	4,951	4,967	6,159	6,498	7,687	5,495	5,568	5,752	7,082	7,359	7,719
Educational services	893	1,080	1,160	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	2,206*	2,241	2,396	2,577	3,028	3,136	6,588	6,601	9,087	9,159	8,710	10,503
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,639	6,923	7,113	7,540	7,777	7,958	5,441	6,013	6,245	6,692	6,796	6,754
Miscellaneous services	3,467	3,308	3,593	4,652	5,685	6,656	10,507	9,835	10,128	13,017	14,572	15,992
Government and government enterprises	78,267	82,695	87,799	91,880	97,082	103,476	100,951	104,722	111,804	117,236	136,291	135,422
Federal, civilian	7,860	8,139	8,361	8,972	9,679	9,991	8,977	8,872	9,618	10,150	10,720	10,704
Military	1,741	2,013	2,553	2,326	2,601	3,060	2,074	2,354	2,759	3,231	3,611	3,890
State and local	68,666	72,543	76,885	80,582	84,802	90,425	89,900	93,496	99,427	103,855	121,960	120,828

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lafayette, LA (MSA)						Lafayette, IN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,416,711**	**2,685,224**	**2,659,921**	**2,735,903**	**2,869,025**	**2,729,802**	**1,170,179**	**1,225,348**	**1,269,890**	**1,380,693**	**1,469,888**	**1,565,257**
Nonfarm personal income	2,407,880	2,676,619	2,653,754	2,732,012	2,867,757	2,717,734	1,148,003	1,205,103	1,262,967	1,355,068	1,440,215	1,541,749
Farm income[1]	8,831	8,605	6,167	3,891	1,268	12,068	22,176	20,245	6,923	25,625	29,673	23,508
Population (thousands)[2]	198.7	208.1	214.3	214.2	216.6	218.0	122.4	123.9	124.1	124.4	124.5	124.4
Per capita personal income (dollars)	**12,166**	**12,901**	**12,412**	**12,774**	**13,248**	**12,523**	**9,563**	**9,886**	**10,229**	**11,101**	**11,806**	**12,583**
Derivation of total personal income:												
Total earnings by place of work	2,202,153	2,435,565	2,316,869	2,390,410	2,486,861	2,224,712	980,709	1,008,304	1,027,959	1,134,422	1,212,064	1,290,135
Less: Personal contributions for social insurance[3]	115,098	134,634	123,544	128,841	141,296	127,716	48,178	51,632	51,151	56,326	62,747	67,637
Plus: Adjustment for residence	−160,379	−185,933	−176,233	−179,488	−192,280	−120,266	−100,959	−97,319	−99,424	−110,699	−120,229	−121,266
Equals: Net earnings by place of residence	1,926,676	2,114,998	2,017,092	2,082,081	2,153,285	1,976,730	831,572	859,353	877,384	967,397	1,029,088	1,101,232
Plus: Dividends, interest, and rent[4]	305,856	356,989	377,630	391,723	432,137	439,181	204,168	215,366	227,071	241,668	259,358	271,380
Plus: Transfer payments	184,179	213,237	265,199	262,099	283,603	313,891	134,439	150,629	165,435	171,628	181,442	192,645
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,829,563	2,039,841	1,901,028	1,958,254	2,030,589	1,770,004	802,497	828,667	847,303	921,358	978,690	1,044,453
Other labor income	182,470	210,384	196,538	193,963	200,014	174,441	87,052	94,372	97,637	103,210	107,417	115,231
Proprietors' income[6]	190,120	185,340	219,303	238,193	256,258	280,267	91,160	85,265	83,019	109,854	125,957	130,451
Farm	5,878	5,502	3,177	1,012	−1,639	9,122	19,158	16,867	3,667	22,423	26,425	20,218
Nonfarm	184,242	179,838	216,126	237,181	257,897	271,145	72,002	68,398	79,352	87,431	99,532	110,233
Earnings by industry:												
Farm	8,831	8,605	6,167	3,891	1,268	12,068	22,176	20,245	6,923	25,625	29,673	23,508
Nonfarm	2,193,322	2,426,960	2,310,702	2,386,519	2,485,593	2,212,644	958,533	988,059	1,021,036	1,108,797	1,182,391	1,266,627
Private	2,014,278	2,222,751	2,093,156	2,162,401	2,250,653	1,972,191	722,738	736,132	753,877	826,597	878,530	944,053
Agricultural services, forestry, fisheries, and other[7]	4,840	5,837	6,610	5,642	7,938	8,176	3,305	3,630	3,991	3,816	3,615	4,203
Agricultural services	3,958*	5,327	5,356	5,118	6,654	6,819	3,291	3,632	3,953	3,788	3,596	4,187
Forestry, fisheries, and other[7]	(D)	510	1,254	524	1,284	1,357	(L)	(L)	(L)	(L)	(L)	(L)
Mining	606,611	653,943	573,900	581,940	623,422	466,231	3,995	3,105	2,624	2,865	3,762	3,760
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,598	1,991	1,691	1,688	2,436	2,443
Metal mining	(L)	78	(L)	(L)	(L)	(D)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,381	1,098	915	1,155	1,302	1,292
Construction	167,574	182,739	166,074	158,261	148,666	120,617	56,540	47,723	43,717	48,689	54,733	62,822
Manufacturing	124,938	141,157	120,806	127,377	130,500	121,683	283,008	286,672	285,324	323,987	337,164	357,945
Nondurable goods	61,519	65,763	65,268	67,734	72,371	81,858	110,634	124,537	120,972	134,780	138,488	142,944
Food and kindred products	28,132	29,292	29,816	29,230	30,689	31,343	41,036	45,973	43,614	46,866	49,437	50,333
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	5,897	6,411	6,321	6,379*	6,290*	6,633*	5,577	6,920	7,079	7,352	7,948	7,496
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	2,250	2,908	2,858	2,706*	2,682*	2,200	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	796	700	664	815	1,061*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	(D)	0	0	0	0	0	0	0	0
Durable goods	63,419	75,394	55,538	59,643	58,129	39,825	172,374	162,135	164,352	189,207	198,676	215,001
Lumber and wood products	1,632	(D)	1,463*	1,484*	1,451*	1,102*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	112	(D)	(D)	(D)	797	682	63,477	59,473	59,540	(D)	(D)	(D)
Fabricated metal products	10,121*	9,994*	6,156*	6,003*	7,074*	6,555*	10,718	9,985	9,123	10,725	13,533	15,158
Machinery, except electrical	32,790	45,631	34,159	38,245	36,553	22,186*	(D)	40,640	41,413	49,269	49,890	49,215
Electric and electronic equipment	5,290	(D)	(D)	(D)	4,554	2,367	(D)	(D)	(D)	(D)	16,798	13,884
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	660	491	(D)	0	0	0	0	0	0
Motor vehicles and equipment	0	0	0	(D)	(D)	0	17,942	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	5,593*	5,732*	5,227*	4,825*	3,667*	2,791	1,980	2,217	2,734	2,768	3,047
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	939	878	1,183	1,196	1,204	957	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	179,888	206,216	195,272	205,710	209,897	193,408	42,709	46,440	49,634	53,342	53,007	51,703
Railroad transportation	17,617	17,774	18,420	19,664	17,898	17,151	8,655	9,756	11,417	11,664	10,298	7,431
Trucking and warehousing	35,096	32,732	30,597	36,842	37,619	33,625	14,667	16,340	16,461	18,210	17,089	17,799
Water transportation	18,189*	17,729	11,737	12,935	13,271*	19,111*	0	0	0	0	0	0
Other transportation[8]	39,020*	48,070	43,745	45,721	48,237*	39,298*	1,551	1,712	1,804	2,270	3,315	3,667
Communication	39,291	49,575	49,810	45,904	42,473	37,307	12,456	13,277	14,698	14,856	14,289	14,316
Electric, gas, and sanitary services	29,873	40,336	40,963	44,644	49,570	45,958	5,380	5,355	5,254	6,342	8,016	8,490
Wholesale trade	188,172	192,977	166,935	166,686	166,522	140,132	31,019	30,337	30,463	32,081	34,442	35,578
Retail trade	204,886	222,454	240,463	239,911	242,713	226,218	94,942	97,911	105,684	110,022	118,305	124,591
Finance, insurance, and real estate	65,758	80,343	88,076	88,868	94,335	96,745	50,687	50,008	55,026	57,251	61,561	71,495
Banking and credit agencies	29,937*	39,744*	43,301*	42,540*	44,048*	42,560*	14,706	15,128	16,141	16,842	18,353	22,278
Other finance, insurance, and real estate[9]	32,109*	36,029*	39,382*	40,681*	43,932*	47,776*	35,981	34,880	38,885	40,409	43,208	49,217
Services	471,611	537,085	535,020	588,006	626,660	598,981	156,533	170,306	177,414	194,544	211,941	231,956
Hotels and other lodging places	(D)	11,576*	11,455*	12,419*	10,539*	8,600*	5,364	5,605	5,810	6,095	6,255	5,904
Personal services	12,824	17,487	20,977	21,742	25,348	25,347	9,531	9,951	10,835	11,389	13,299	14,146
Private households	9,973	10,850	11,391	12,673	12,737	13,079	2,449	2,607	2,692	2,986	2,989	3,062
Business services	178,994	202,503	169,561	184,258	195,256	173,049	17,120	20,160	22,074	26,231	32,614	38,336
Auto repair, services, and garages	13,694	14,623	15,207	16,570	18,073	16,983	5,605	6,049	6,532	8,312	9,112	10,181
Miscellaneous repair services	12,308	13,948	11,855	14,248	13,381	10,030	2,822	2,904	3,320	3,409	2,905	3,034
Amusement and recreation services	5,527*	5,313*	6,198*	7,672*	9,551	9,965	1,865	1,763	1,966	2,015	2,185	2,309
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	99,388	119,736	135,946	150,569	163,040	166,862	78,587	87,912	89,271	94,610	99,884	109,069
Legal services	36,216	49,482	64,468	78,583	82,531	88,437	7,347	7,928	8,108	9,689	10,538	11,652
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,327	1,621	1,714	1,910	2,038	2,193
Social services	5,231	5,501	5,886	5,998	5,996	6,563	4,360	4,466	4,666	5,111	5,517	5,901
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	10,875	11,811	12,777	12,653	12,670	8,210	9,061	9,219	9,662	9,838	10,026
Miscellaneous services	72,019	67,175	61,430	61,060	67,720	56,423	11,295	9,588	10,476	12,188	13,733	15,028
Government and government enterprises	179,044	204,209	217,546	224,118	234,940	240,453	235,795	251,927	267,159	282,200	303,861	322,574
Federal, civilian	19,545	20,579	22,190	22,904	25,455	25,265	12,866	13,433	13,812	14,569	15,174	15,161
Military	3,421	4,788	5,040	5,227	5,618	5,932	3,649	4,394	4,790	4,740	5,198	5,940
State and local	156,078	178,842	190,316	195,987	203,867	209,256	219,280	234,100	248,557	262,891	283,489	301,473

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lake Charles, LA (MSA)						Lake County, IL (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,791,176**	**1,804,567**	**1,877,857**	**1,875,028**	**1,906,262**	**1,915,272**	**6,447,580**	**6,876,910**	**7,343,704**	**8,161,175**	**8,916,382**	**9,731,187**
Nonfarm personal income	1,782,499	1,798,405	1,870,654	1,868,475	1,904,538	1,915,995	6,437,144	6,867,949	7,338,544	8,155,166	8,908,783	9,723,362
Farm income[1]	8,677	6,162	7,203	6,553	1,724	−723	10,436	8,961	5,160	6,009	7,599	7,825
Population (thousands)[2]	171.3	174.4	175.3	175.1	174.3	173.1	450.6	452.0	456.0	459.2	468.6	480.2
Per capita personal income (dollars)	**10,456**	**10,345**	**10,713**	**10,710**	**10,939**	**11,065**	**14,308**	**15,214**	**16,105**	**17,773**	**19,028**	**20,265**
Derivation of total personal income:												
Total earnings by place of work	1,585,967	1,486,739	1,494,280	1,452,451	1,446,679	1,439,382	3,530,919	3,697,192	4,031,894	4,498,185	4,937,107	5,428,759
Less: Personal contributions for social insurance[3]	80,750	80,867	78,641	77,942	82,303	83,137	201,324	217,948	233,281	261,705	299,302	331,873
Plus: Adjustment for residence	−120,564	−81,011	−83,406	−65,545	−60,059	−71,102	1,430,460	1,594,599	1,673,894	1,859,538	2,081,823	2,316,987
Equals: Net earnings by place of residence	1,384,653	1,324,861	1,332,233	1,308,964	1,304,317	1,285,143	4,760,055	5,073,843	5,472,507	6,096,018	6,719,628	7,413,873
Plus: Dividends, interest, and rent[5]	200,904	228,239	251,182	273,878	297,170	302,727	1,160,579	1,220,892	1,251,958	1,428,371	1,508,882	1,598,089
Plus: Transfer payments	205,619	251,467	294,442	292,186	304,775	327,402	526,946	582,175	619,239	636,786	687,872	719,225
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,280,628	1,207,953	1,198,913	1,161,137	1,157,780	1,145,606	2,874,672	3,012,306	3,234,402	3,599,665	3,953,586	4,342,741
Other labor income	195,151	176,013	173,014	158,502	151,825	153,336	261,211	282,371	302,611	323,823	350,812	379,184
Proprietors' income[6]	110,188	102,773	122,353	132,812	137,074	140,440	395,036	402,515	494,881	574,697	632,709	706,834
Farm	6,971	4,540	5,630	5,018	179	−2,277	5,490	3,668	61	998	2,482	2,679
Nonfarm	103,217	98,233	116,723	127,794	136,895	142,717	389,546	398,847	494,820	573,699	630,227	704,155
Earnings by industry:												
Farm	8,677	6,162	7,203	6,553	1,724	−723	10,436	8,961	5,160	6,009	7,599	7,825
Nonfarm	1,577,290	1,480,577	1,487,077	1,445,898	1,444,955	1,440,105	3,520,483	3,688,231	4,026,734	4,492,176	4,929,508	5,420,934
Private	1,424,690	1,313,396	1,311,313	1,266,612	1,258,015	1,253,965	2,737,773	2,843,535	3,162,441	3,559,947	3,913,847	4,323,729
Agricultural services, forestry, fisheries, and other[7]	4,324	5,007	5,439	5,169	5,460	5,172	20,809	25,252	31,207	32,173	34,889	40,425
Agricultural services	3,249	3,937	4,143	4,068	3,904	3,608	20,577	25,312	30,405	31,514	34,420	39,840
Forestry, fisheries, and other[7]	1,075	1,070	1,296	1,101	1,556	1,564	232	−60	802	659	469	585
Mining	74,771	87,286	77,152	78,055	81,848	50,829	47,252	44,956	42,649	45,317	55,921	55,751
Coal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	50
Oil and gas extraction	73,517	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	1,254	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	300,063	197,680	201,658	128,219	119,865	149,639	197,581	199,443	220,454	261,711	274,719	318,557
Manufacturing	461,702	410,787	384,960	379,951	363,619	368,025	1,007,768	1,002,481	1,043,377	1,157,410	1,322,929	1,394,831
Nondurable goods	417,549	385,132	365,497	364,205	347,792	353,156	550,480	594,582	530,673	592,884	664,083	709,618
Food and kindred products	9,640	10,342	10,624	10,178	8,770	(D)	57,474	63,881	68,975	71,063	74,629	82,728
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	108	(L)	67	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	0	17,720	18,372	20,368	23,386	23,584	22,298
Printing and publishing	6,814	7,250	7,903	7,748	7,894	7,764	46,273	53,734	57,853	63,440	98,804	102,609
Chemicals and allied products	173,179	196,977	192,195	192,902	190,617	192,895	398,276	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	226,193	169,514	153,609	152,058	139,094	142,603	0	356	333	325	359	510
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,346	(D)	(D)	(D)	1,400	1,947	20,445	38,110	40,512	45,690	42,834	38,567
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	44,153	25,655	19,463	15,746	15,827	14,869	457,288	407,899	512,704	564,526	658,846	685,213
Lumber and wood products	6,616	2,844	1,617	1,156	1,048	630	6,013	8,583	9,553	10,403	14,205	15,474
Furniture and fixtures	(L)	(D)	(D)	(D)	(D)	(D)	9,971	9,789	9,850	9,070	9,105	8,667
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	32,964	25,987	25,210	28,936	27,268	25,876
Fabricated metal products	3,271	2,769	2,649	1,745	2,614	3,056	56,960	48,593	47,884	50,852	53,106	62,935
Machinery, except electrical	3,543	3,631	3,065	3,888	3,523	3,343	219,679	185,412	176,182	187,682	236,260	217,844
Electric and electronic equipment	0	(D)	(D)	0	0	0	64,064	64,811	73,650	86,159	84,410	75,517
Transportation equip. exc. motor vehicles	4,428	(D)	(D)	(D)	3,030	(D)	7,040	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	88	(D)	(D)	(D)	(D)	(D)	697	749	853	1,158	(D)	(D)
Stone, clay, and glass products	6,002	5,902	5,243	4,088	3,806	3,814	29,990	24,156	28,687	36,416	33,973	27,347
Instruments and related products	(D)	871	719	632	(D)	(D)	25,820	30,154	133,156	143,280	182,474	229,567
Miscellaneous manufacturing industries	367	(D)	(D)	347	450	280	4,090	(D)	(D)	(D)	10,270	13,802
Transportation and public utilities	113,305	124,747	123,574	128,376	130,425	121,440	152,499	161,190	160,995	175,617	198,775	214,758
Railroad transportation	14,964	12,150	9,822	10,949	11,127	9,038	8,527	6,675	5,042	5,303	4,949	4,627
Trucking and warehousing	17,037	19,388	19,393	22,576	22,851	23,429	29,851	29,152	31,388	38,083	37,193	38,957
Water transportation	19,179	22,706	21,733	22,495	22,711	13,944	1,427	1,363	2,149	2,611	2,870	3,361
Other transportation[8]	7,089	8,013	8,344	6,798	7,013	8,446	23,626	24,610	22,882	26,285	46,272	56,956
Communication	24,778	27,567	28,073	26,431	25,600	22,007	38,507	40,274	37,299	37,287	38,519	39,495
Electric, gas, and sanitary services	30,258	34,923	36,209	39,127	41,123	44,576	50,561	59,116	62,235	66,048	68,972	71,362
Wholesale trade	72,298	71,048	70,651	75,413	68,412	63,922	222,423	241,438	277,617	323,079	282,199	321,513
Retail trade	133,752	134,240	138,709	141,534	143,133	139,401	350,552	367,944	417,899	464,299	517,733	558,481
Finance, insurance, and real estate	42,350	43,115	47,885	50,139	52,166	53,965	101,748	79,008	106,564	117,133	125,468	188,313
Banking and credit agencies	22,687	25,282	27,448	29,031	28,900	28,824	45,343	48,926	51,785	60,479	62,523	70,496
Other finance, insurance, and real estate[9]	19,663	17,833	20,437	21,108	23,266	25,141	56,405	30,082	54,779	56,654	62,945	117,817
Services	222,125	239,486	261,285	279,756	293,087	301,572	637,141	721,823	861,679	983,208	1,101,214	1,231,100
Hotels and other lodging places	6,470	6,964	7,452	6,215	5,450	5,250	6,917	(D)	(D)	(D)	(D)	(D)
Personal services	11,778	13,980	16,513	16,965	20,228	20,366	33,378	37,510	41,674	44,851	49,861	56,654
Private households	8,157	8,882	9,325	10,379	10,431	10,714	18,204	19,473	20,211	22,477	22,505	23,076
Business services	35,263	37,593	40,104	42,755	46,935	46,401	175,212	213,748	295,212	349,759	418,586	492,535
Auto repair, services, and garages	10,146	9,458	9,724	10,800	10,168	10,207	25,834	26,378	26,773	33,549	37,644	43,686
Miscellaneous repair services	9,285	6,970	7,461	7,520	5,874	5,898	7,191	7,343	9,518	11,808	9,920	11,306
Amusement and recreation services	3,421	3,890	4,108	5,078	5,379	5,203	31,328	32,037	32,763	35,347	38,477	40,174
Motion pictures	254	(D)	(D)	182	188	266	2,202	2,152	2,006	2,233	2,551	2,485
Health services	76,423	88,402	100,169	104,811	109,566	110,958	218,428	244,913	273,021	295,224	313,920	336,091
Legal services	17,359	21,921	25,037	31,181	33,236	37,444	28,717	33,274	38,955	50,365	55,086	60,478
Educational services	3,052	3,602	3,978	4,595	5,939	6,621	19,811	21,377	23,501	25,993	27,016	31,527
Social services	2,465	2,896	3,293	3,583	4,850	5,438	11,103	13,044	14,930	20,441	24,132	25,625
Museums, botanical, zoological gardens	0	(D)	(D)	0	0	0	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,966	10,905	11,169	11,605	11,465	11,370	24,596	27,716	29,209	29,900	31,577	32,106
Miscellaneous services	28,086	23,853	22,811	24,087	23,378	25,436	34,220	36,511	46,010	53,367	63,518	66,542
Government and government enterprises	152,600	167,181	175,764	179,286	186,940	186,140	782,710	844,696	864,293	932,229	1,015,661	1,097,205
Federal, civilian	14,590	15,468	16,728	17,153	17,816	17,638	147,783	159,762	170,609	180,310	189,581	191,880
Military	3,157	4,456	4,374	4,437	4,832	5,233	375,195	365,184	354,293	397,798	446,288	492,088
State and local	134,853	147,257	154,662	157,696	164,292	163,269	259,732	319,750	339,391	354,121	379,792	413,237

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lakeland—Winter Haven, FL (MSA)						Lancaster, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,177,397**	**3,279,079**	**3,538,589**	**3,825,819**	**4,122,059**	**4,337,658**	**3,977,161**	**4,199,758**	**4,495,166**	**4,966,542**	**5,358,505**	**5,777,204**
Nonfarm personal income	3,024,690	3,140,964	3,359,402	3,678,686	3,965,937	4,203,035	3,859,182	4,108,478	4,436,479	4,823,864	5,246,228	5,624,394
Farm income[1]	152,707	138,115	179,187	147,133	156,122	134,623	117,979	91,280	58,687	142,678	112,277	152,810
Population (thousands)[2]	333.9	341.6	348.6	357.9	368.4	377.2	367.5	371.7	377.4	382.4	387.3	393.5
Per capita personal income (dollars)	**9,515**	**9,600**	**10,150**	**10,691**	**11,189**	**11,500**	**10,823**	**11,298**	**11,910**	**12,988**	**13,836**	**14,680**
Derivation of total personal income:												
Total earnings by place of work	2,342,494	2,307,873	2,476,726	2,692,924	2,877,312	3,000,596	2,853,308	2,920,340	3,122,689	3,528,035	3,779,237	4,154,824
Less: Personal contributions for social insurance[3]	112,827	114,445	122,806	140,222	157,534	167,146	162,136	176,175	189,454	214,949	242,331	266,901
Plus: Adjustment for residence	−122,633	−109,429	−109,078	−115,318	−117,884	−121,689	192,472	200,184	217,739	236,828	263,125	258,769
Equals: Net earnings by place of residence	2,107,034	2,083,999	2,244,842	2,437,384	2,601,894	2,711,761	2,883,644	2,944,349	3,150,974	3,549,914	3,800,031	4,146,692
Plus: Dividends, interest, and rent[5]	564,735	612,121	661,343	740,556	818,140	879,519	603,994	688,074	737,205	809,415	900,816	942,717
Plus: Transfer payments	505,628	582,959	632,404	647,879	702,025	746,378	489,523	567,335	606,987	607,213	657,658	687,795
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,832,203	1,831,926	1,916,602	2,117,461	2,255,224	2,359,225	2,179,582	2,269,677	2,433,399	2,692,126	2,910,356	3,170,564
Other labor income	178,517	180,674	193,802	207,375	216,925	223,210	248,591	265,789	282,284	298,838	320,483	349,232
Proprietors' income[6]	331,774	295,273	366,322	368,088	405,163	418,161	425,135	384,874	407,006	537,071	548,398	635,028
Farm	127,241	110,866	152,649	121,010	129,602	107,942	98,499	70,155	38,566	123,032	92,260	132,699
Nonfarm	204,533	184,407	213,673	247,078	275,561	310,219	326,636	314,719	368,440	414,039	456,138	502,329
Earnings by industry:												
Farm	152,707	138,115	179,187	147,133	156,122	134,623	117,979	91,280	58,687	142,678	112,277	152,810
Nonfarm	2,189,787	2,169,758	2,297,539	2,545,791	2,721,190	2,865,973	2,735,329	2,829,060	3,064,002	3,385,357	3,666,960	4,002,014
Private	1,923,821	1,874,888	1,982,877	2,243,479	2,392,421	2,509,890	2,520,294	2,598,841	2,820,433	3,128,012	3,391,617	3,710,581
Agricultural services, forestry, fisheries, and other[7]	50,290	48,503	51,157	53,278	55,767	57,276	24,697	26,770	29,294	26,853	26,355	31,686
Agricultural services	50,002	48,416	50,515	52,823	55,121	56,619	24,149	26,531	28,001	25,650	25,138	30,319
Forestry, fisheries, and other[7]	288	87	642	455	646	657	548	239	1,293	1,203	1,217	1,367
Mining	147,478	126,967	127,960	139,529	139,797	126,730	15,471	15,006	13,273	15,211	18,657	19,421
Coal mining	0	0	0	0	0	0	127	131	196	188	192	198
Oil and gas extraction	8,715	7,590	5,663	5,991	9,434	9,724	(D)	7,137	5,517	6,130	9,971	9,962
Metal mining	(L)	−77	(L)	(L)	89	141	(D)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	138,769	119,454	122,303	133,558	130,274	116,865	7,521	7,757	7,562	8,902	8,483	9,228
Construction	235,133	197,441	177,223	200,985	207,466	211,142	169,072	173,466	203,771	238,421	284,420	326,946
Manufacturing	438,023	412,963	430,414	479,799	488,045	484,589	1,178,854	1,176,922	1,237,188	1,377,998	1,441,200	1,544,866
Nondurable goods	270,348	266,802	271,320	285,915	298,257	296,498	385,666	412,216	437,701	491,594	519,090	562,710
Food and kindred products	100,718	103,468	109,644	110,890	114,635	121,796	115,899	134,256	139,663	150,847	163,445	176,748
Textile mill products	(D)	73	0	0	0	(D)	34,503	29,083	26,084	23,391	24,931	26,858
Apparel and other textile products	1,861	1,591	1,515	1,767	1,847	2,858	61,169	53,538	58,543	68,159	61,636	57,702
Paper and allied products	10,320	10,061	12,354	14,330	14,637	17,100	15,404	15,307	15,375	16,108	16,436	16,557
Printing and publishing	11,402	12,794	15,177	15,557	17,820	20,540	92,964	109,195	117,179	125,021	146,849	170,360
Chemicals and allied products	136,500	128,221	120,392	129,368	135,225	117,135	24,738	29,792	35,781	38,362	41,094	45,529
Petroleum and coal products	0	(D)	(D)	123	359	(D)	1,719	1,653	1,636	2,249	3,086	424
Tobacco manufactures	0	0	0	0	0	0	6,656	6,241	7,450	8,737	9,294	11,194
Rubber and misc. plastic products	9,258	10,426	12,088	13,880	13,734	16,276	16,864	18,476	21,648	46,082	45,530	51,326
Leather and leather products	(D)	(D)	(D)	0	0	0	15,750	14,675	14,342	12,638	6,789	6,012
Durable goods	167,675	146,161	159,094	193,884	189,788	188,091	793,188	764,706	799,487	886,404	922,110	982,156
Lumber and wood products	30,496	30,469	47,620	56,672	59,527	56,936	34,037	33,154	41,019	44,646	48,334	55,690
Furniture and fixtures	3,459	3,585	3,820	5,154	5,661	6,109	7,486	7,646	9,025	10,300	10,578	11,637
Primary metal industries	(D)	393	1,261	1,175	586	705	84,780	80,450	86,997	90,135	87,085	97,962
Fabricated metal products	27,034	23,402	18,091	21,055	23,222	29,220	181,045	180,976	182,299	184,170	190,517	190,118
Machinery, except electrical	31,549	28,611	26,101	28,957	31,956	33,643	146,162	134,225	118,466	133,111	138,140	141,204
Electric and electronic equipment	5,247	5,587	4,884	6,079	6,009	4,534	121,023	120,063	132,646	146,223	154,118	156,542
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	12,572	13,952	16,937	19,869	19,407	22,071
Motor vehicles and equipment	1,330	(D)	(D)	1,700	1,767	1,879	3,432	3,792	5,094	6,933	11,570	13,107
Stone, clay, and glass products	25,186	21,495	25,743	30,331	31,104	35,951	49,158	49,484	47,878	52,708	54,102	57,400
Instruments and related products	569	(D)	(D)	(D)	(D)	(D)	14,150	13,602	12,940	14,462	17,238	19,762
Miscellaneous manufacturing industries	3,361	2,970	4,188	5,821	5,549	7,627	139,343	127,362	146,186	183,847	191,021	216,663
Transportation and public utilities	141,451	147,219	159,720	173,726	171,218	178,190	170,852	181,417	189,602	212,440	221,531	235,271
Railroad transportation	21,599	(D)	(D)	25,949	22,401	18,173	6,972	6,053	5,466	(D)	(D)	(D)
Trucking and warehousing	69,691	67,594	73,402	83,110	84,576	92,390	98,759	106,348	111,993	130,621	132,173	137,141
Water transportation	(D)	226	283	282	261	(D)	0	0	0	0	0	(D)
Other transportation[8]	5,520	5,677	6,013	6,655	6,827	(D)	9,178	9,874	10,112	(D)	(D)	14,298
Communication	(D)	(D)	(D)	43,513	41,327	42,736	28,028	29,324	30,103	30,230	30,451	33,160
Electric, gas, and sanitary services	9,273	10,749	11,807	14,217	15,826	16,554	27,915	29,818	31,928	34,251	41,079	45,446
Wholesale trade	124,604	118,054	127,082	139,712	159,594	167,741	149,720	159,940	175,117	202,301	228,572	253,449
Retail trade	287,604	299,093	338,047	376,659	409,816	438,455	288,029	299,128	339,030	348,639	380,787	421,413
Finance, insurance, and real estate	103,997	101,312	109,170	118,719	132,665	155,629	95,104	96,611	112,048	114,997	129,864	161,748
Banking and credit agencies	31,218	34,474	36,838	41,343	46,731	51,431	46,011	50,871	57,522	55,006	59,085	67,329
Other finance, insurance, and real estate[9]	72,779	66,838	72,332	77,376	85,934	104,198	49,093	45,740	54,526	59,991	70,779	94,419
Services	395,241	423,336	462,104	561,072	628,053	690,138	428,495	469,581	521,110	591,152	660,231	715,781
Hotels and other lodging places	14,265	15,439	17,514	20,697	22,453	19,607	25,033	25,899	27,967	33,608	39,906	33,786
Personal services	19,226	20,565	23,073	24,926	29,595	31,759	25,413	28,431	30,617	32,148	39,954	43,776
Private households	13,195	14,483	15,399	17,510	18,016	18,940	10,875	11,600	12,029	13,307	13,276	13,611
Business services	41,811	44,949	47,411	56,538	67,899	79,940	38,632	44,615	55,326	67,782	80,593	90,125
Auto repair, services, and garages	19,330	16,523	18,946	22,462	23,160	24,639	32,720	30,907	37,284	40,357	45,463	47,635
Miscellaneous repair services	14,946	15,897	12,334	15,302	14,631	17,393	11,097	12,794	16,330	18,829	16,939	18,325
Amusement and recreation services	18,333	19,437	27,819	27,679	29,089	33,504	8,520	8,765	9,392	12,173	13,834	13,243
Motion pictures	(D)	(D)	(D)	1,565	(D)	(D)	479	(D)	(D)	710	1,077	1,065
Health services	112,575	129,693	147,500	197,707	219,644	245,021	168,274	197,876	214,981	232,964	253,822	279,085
Legal services	33,238	37,798	42,232	49,545	57,108	61,753	15,607	17,341	18,799	21,932	23,582	27,237
Educational services	11,557	12,980	13,954	15,882	17,338	17,886	26,170	26,783	29,345	33,082	34,814	38,012
Social services	9,954	10,520	11,961	13,342	15,324	18,206	11,021	11,406	12,793	17,822	20,621	23,131
Museums, botanical, zoological gardens	(D)	(D)	(D)	586	(D)	(D)	168	(D)	(D)	102	95	122
Membership organizations	18,629	19,929	21,322	23,321	24,456	24,795	18,381	20,730	22,850	24,568	25,961	26,684
Miscellaneous services	66,353	63,140	60,661	74,010	87,038	94,284	36,105	31,951	32,978	41,768	50,294	59,944
Government and government enterprises	265,966	294,870	314,662	302,312	328,769	356,083	215,035	230,219	243,569	257,345	275,343	291,433
Federal, civilian	23,497	24,456	25,878	28,439	31,585	32,620	28,091	29,519	30,601	35,183	36,393	37,767
Military	2,848	3,346	3,737	4,189	4,830	5,277	8,347	8,029	10,213	9,145	10,216	10,965
State and local	239,621	267,068	285,047	269,684	292,354	318,186	178,597	192,671	202,755	213,017	228,734	242,701

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lansing—East Lansing, MI (MSA)						Laredo, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,410,683**	**4,501,352**	**4,837,864**	**5,222,663**	**5,593,766**	**5,977,227**	**648,692**	**696,527**	**676,783**	**732,814**	**794,357**	**827,406**
Nonfarm personal income	4,357,792	4,460,315	4,820,873	5,195,858	5,551,981	5,944,288	643,674	684,195	670,181	721,045	787,887	818,967
Farm income[1]	52,891	41,037	16,991	26,805	41,785	32,939	5,018	12,332	6,602	11,769	6,470	8,439
Population (thousands)[2]	420.3	414.8	413.1	414.7	416.9	424.8	105.1	111.3	115.9	117.0	118.3	120.8
Per capita personal income (dollars)	**10,495**	**10,851**	**11,711**	**12,595**	**13,417**	**14,071**	**6,175**	**6,258**	**5,840**	**6,261**	**6,712**	**6,850**
Derivation of total personal income:												
Total earnings by place of work	3,674,131	3,654,691	4,009,495	4,282,800	4,638,314	4,888,404	524,783	551,987	500,693	553,328	610,231	624,355
Less: Personal contributions for social insurance[3]	186,553	194,785	211,926	227,269	259,938	275,360	27,469	29,006	26,826	29,353	34,112	34,857
Plus: Adjustment for residence	−235,703	−207,226	−289,914	−281,244	−289,307	−240,392	−23,539	−25,635	−22,178	−22,934	−29,003	−26,520
Equals: Net earnings by place of residence	3,251,875	3,252,680	3,507,655	3,774,287	4,089,069	4,372,652	473,775	497,346	451,689	501,041	547,116	562,978
Plus: Dividends, interest, and rent[5]	570,993	599,479	645,237	724,604	761,144	797,952	58,604	65,709	63,491	71,047	77,558	80,863
Plus: Transfer payments	587,815	649,193	684,972	723,772	743,553	806,623	116,313	133,472	161,603	160,726	169,683	183,565
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,077,397	3,080,762	3,375,022	3,607,185	3,901,766	4,119,229	429,794	446,499	399,544	437,249	489,442	496,322
Other labor income	376,361	378,946	429,995	438,028	462,866	478,885	36,900	41,182	38,226	40,569	44,422	45,092
Proprietors' income[6]	220,373	194,983	204,478	237,587	273,682	290,290	58,089	64,306	62,923	75,510	76,367	82,941
Farm	44,961	32,161	8,574	18,522	33,421	24,582	2,431	9,404	3,782	8,991	3,659	5,624
Nonfarm	175,412	162,822	195,904	219,065	240,261	265,708	55,658	54,902	59,141	66,519	72,708	77,317
Earnings by industry:												
Farm	52,891	41,037	16,991	26,805	41,785	32,939	5,018	12,332	6,602	11,769	6,470	8,439
Nonfarm	3,621,240	3,613,654	3,992,504	4,255,995	4,596,529	4,855,465	519,765	539,655	494,091	541,559	603,761	615,916
Private	2,649,106	2,587,877	2,928,441	3,114,514	3,404,720	3,558,910	427,090	437,192	383,880	421,584	471,773	469,850
Agricultural services, forestry, fisheries, and other[7]	8,724	10,352	12,467	11,953	12,599	13,421	1,454	1,519	1,602	1,613	1,661	1,769
Agricultural services	8,552	10,411	11,955	11,424	12,349	13,094	1,439	1,519	1,561	1,588	1,635	1,739
Forestry, fisheries, and other[7]	172	−59	512	529	250	327	(L)	0	(L)	(L)	(L)	(L)
Mining	22,591	20,459	18,822	19,123	14,318	15,949	42,282	40,581	34,477	44,676	56,480	47,050
Coal mining	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	21,140*	19,279*	17,322*	17,203*	12,536*	13,919*	(D)	(D)	(D)	42,609	52,622	44,982
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	115	231	0	(D)	(D)	0
Nonmetallic minerals, except fuels	854*	753*	1,042*	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Construction	147,326	115,384	115,043	145,857	168,352	207,526	27,822	35,536	30,720	29,772	35,094	35,361
Manufacturing	1,190,722	1,116,313	1,349,691	1,445,867	1,575,465	1,534,767	29,978	26,774	25,398	25,251	25,799	26,304
Nondurable goods	70,580	71,797	78,098	82,699	84,092	87,110	20,968	18,746	17,263	17,827	17,069	14,904
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	6,219	6,730	6,525	6,903	7,213	5,746
Textile mill products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	487	564	4,542	(D)	(D)	(D)	(D)	0
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	24,302*	22,655*	23,612*	23,910*	26,625	29,309	4,081	(D)	(D)	3,555	3,760	3,689
Chemicals and allied products	(D)	12,644*	16,194*	16,839*	13,798*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	153*	(D)	(D)	154*	187*	(D)	(D)	101	406	449	(D)	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	18,831	20,473	22,036	25,308	26,264	27,685	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	2,291	1,901	2,194	2,637	2,084
Durable goods	1,120,142	1,044,516	1,271,593	1,363,168	1,491,373	1,447,657	9,010	8,028	8,135	7,424	8,730	11,400
Lumber and wood products	4,274	3,885	4,628	(D)	(D)	(D)	499	479	257	285	210	176
Furniture and fixtures	3,272*	(D)	(D)	(D)	(D)	4,490	(D)	(L)	0	0	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	129	(D)	0
Fabricated metal products	66,339*	46,806*	51,747*	58,913*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	75,920	69,400	61,885	73,781	85,025	100,923	1,619	1,565	1,422	1,828	1,460	1,266
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,403	2,835	3,432	2,921	4,892	6,851
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	926,722	(D)	(D)	1,140,942*	(D)	(D)	0	0	0	0	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	2,149	1,454	1,513	721	467	995
Instruments and related products	(D)	970*	821*	(D)	(D)	(D)	(D)	439	0	0	0	0
Miscellaneous manufacturing industries	1,134*	(D)	1,061*	1,285	(D)	(D)	1,039	846	1,136	1,276	1,252	1,578
Transportation and public utilities	137,267	145,611	160,028	135,925	146,356	152,784	65,461	63,956	54,129	64,704	70,528	74,729
Railroad transportation	7,826	7,269*	7,166*	7,909	7,775	5,386	6,202	5,908	5,865	6,421	6,119	5,313
Trucking and warehousing	57,287	57,979	65,738	54,113	59,355	62,720	(D)	(D)	(D)	(D)	(D)	25,857
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	−56	−53	−60	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,418
Communication	44,664*	53,040	57,227	44,767	46,828*	49,093*	8,286	9,077	8,741	7,863	8,084	8,738
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	5,540	6,833	7,284	7,578	8,167	8,399
Wholesale trade	159,108	155,655	162,719	166,047	178,064	189,303	33,611	35,944	27,862	29,837	32,434	33,126
Retail trade	287,733	292,936	318,898	332,468	360,058	390,660	123,148	116,793	90,931	93,952	104,077	100,231
Finance, insurance, and real estate	174,164	182,533	203,777	210,478	232,465	263,530	21,757	24,912	26,214	28,980	32,161	35,038
Banking and credit agencies	58,808	63,782	68,608	66,494*	72,688*	72,122*	13,654	16,010	18,440	20,731	23,913	26,204
Other finance, insurance, and real estate[9]	115,356	118,751	135,169	138,462*	154,265*	185,464*	8,103	8,902	7,774	8,249	8,248	8,834
Services	521,471	548,634	586,996	646,796	717,043	790,970	81,577	91,177	92,547	102,799	113,539	116,242
Hotels and other lodging places	6,424*	6,857	6,601	6,589*	6,948*	14,314*	9,398	9,057	8,594	8,925	9,600	8,800
Personal services	25,903	25,827	26,702	27,840	33,595	(D)	4,378	3,899	3,208	3,398	4,130	4,204
Private households	6,819	7,183	7,388	8,171	8,195	8,432	(D)	(D)	(D)	(D)	1,349	1,405
Business services	70,467	84,265	96,840	117,876	138,763	150,685	13,335	17,148	16,414	18,951	22,417	21,465
Auto repair, services, and garages	19,436	18,027	20,311	24,069	28,028	30,050	6,170	5,216	5,046	5,366	5,750	5,844
Miscellaneous repair services	7,886	7,083	7,906	8,677	8,916	8,569	941	1,286	1,295	1,407	1,391	1,199
Amusement and recreation services	9,017	8,918	9,055	9,711	9,244	10,063	564	955	1,455	1,780	2,189	2,151
Motion pictures	(D)	1,203*	1,223*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	278	275
Health services	199,585	210,921	219,920	224,266	240,678	281,067	26,223	31,632	34,063	36,898	39,337	42,218
Legal services	31,286	34,714	36,728	42,409	47,269	51,930	3,157	4,207	4,624	4,991	5,343	5,587
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	2,550	2,787	2,729	2,917	3,172	3,529
Social services	23,885*	27,025	29,359	31,565	36,172	27,264*	1,713	1,755	2,209	2,475	2,624	2,651
Museums, botanical, zoological gardens	(D)	249	344	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	60,498	62,884	67,772	73,394	76,823	82,955	4,159	4,843	5,307	5,876	6,497	6,590
Miscellaneous services	48,373	42,254	44,948	55,373	64,396	68,503	7,711	7,027	6,171	8,219	9,462	10,324
Government and government enterprises	972,134	1,025,777	1,064,063	1,141,481	1,191,809	1,296,555	92,675	102,463	110,211	119,975	131,988	146,066
Federal, civilian	61,325	72,082	76,002	81,970	86,648	84,582	15,888	16,063	15,579	16,446	16,526	15,596
Military	6,095	6,991	8,166	13,261	15,167	15,902	1,374	1,793	1,904	2,002	2,216	2,308
State and local	904,714	946,704	979,895	1,046,250	1,089,994	1,196,071	75,413	84,607	92,728	101,527	113,246	128,162

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Las Cruces, NM (MSA)						Las Vegas, NV (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**737,491**	**810,956**	**906,415**	**974,960**	**1,097,963**	**1,173,706**	**5,851,734**	**6,183,998**	**6,569,751**	**7,159,616**	**7,826,361**	**8,484,014**
Nonfarm personal income	710,451	788,307	873,723	955,986	1,066,374	1,121,964	5,849,709	6,181,672	6,568,965	7,156,462	7,822,967	8,480,711
Farm income[1]	27,040	22,649	32,692	18,974	31,589	51,742	2,025	2,326	786	3,154	3,394	3,303
Population (thousands)[2]	100.5	104.5	109.0	114.4	118.4	123.0	491.7	509.4	526.5	540.7	550.7	569.5
Per capita personal income (dollars)	**7,342**	**7,758**	**8,315**	**8,524**	**9,274**	**9,544**	**11,902**	**12,139**	**12,478**	**13,242**	**14,211**	**14,898**
Derivation of total personal income:												
Total earnings by place of work	519,401	564,517	643,263	679,890	738,973	798,197	4,495,085	4,651,730	4,962,311	5,347,319	5,809,367	6,323,204
Less: Personal contributions for social insurance[3]	28,678	32,421	40,647	39,698	43,021	45,456	186,017	201,887	252,572	239,052	269,935	296,067
Plus: Adjustment for residence	7,858	8,973	8,833	9,716	36,573	34,436	6,648	32,527	20,782	30,325	44,441	35,484
Equals: Net earnings by place of residence	498,581	541,069	611,449	649,908	732,525	787,177	4,315,716	4,482,370	4,730,521	5,138,592	5,583,873	6,062,621
Plus: Dividends, interest, and rent[5]	105,386	119,010	126,826	142,809	163,131	171,009	772,945	845,881	908,173	1,025,847	1,147,790	1,238,700
Plus: Transfer payments	133,524	150,877	168,140	182,243	202,307	215,520	763,073	855,747	931,057	995,177	1,094,698	1,182,693
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	429,815	473,562	528,298	568,201	605,610	635,730	3,979,769	4,124,012	4,366,449	4,690,105	5,086,344	5,531,017
Other labor income	31,792	38,823	44,906	48,104	51,186	54,218	258,132	284,114	306,446	319,618	340,239	369,278
Proprietors' income[6]	57,794	52,132	70,059	63,585	82,177	108,249	257,184	243,604	289,416	337,596	382,784	422,909
Farm	12,722	7,278	17,943	4,535	16,986	37,021	293	695	−787	1,606	1,821	1,717
Nonfarm	45,072	44,854	52,116	59,050	65,191	71,228	256,891	242,909	290,203	335,990	380,963	421,192
Earnings by industry:												
Farm	27,040	22,649	32,692	18,974	31,589	51,742	2,025	2,326	786	3,154	3,394	3,303
Nonfarm	492,361	541,868	610,571	660,916	707,384	746,455	4,493,060	4,649,404	4,961,525	5,344,165	5,805,973	6,319,901
Private	267,033	297,309	339,336	369,416	395,597	428,565	3,825,403	3,889,566	4,143,178	4,497,702	4,910,228	5,356,015
Agricultural services, forestry, fisheries, and other[7]	7,542	8,527	9,507	8,813	8,890	9,213	13,578	14,221	17,779	17,018	(D)	24,777
Agricultural services	7,528	8,525	9,467	8,786	8,849	9,166	12,079	12,252	14,418	16,283	(D)	20,645
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	1,499	1,969	3,361	735	3,622	4,132
Mining	2,139	1,991	1,726	1,628	2,107	2,861	21,717	19,652	18,377	19,733	(D)	4,555
Coal mining	0	0	0	0	0	0	0	0	0	(D)	(D)	0
Oil and gas extraction	2,094	1,961	1,675	1,560	1,993	2,049	11,514	11,726	8,073	(D)	(D)	11,904
Metal mining	0	(D)	(D)	(D)	0	(D)	2,607	1,660	2,089	2,017	1,222	1,421
Nonmetallic minerals, except fuels	(L)	(D)	(D)	(D)	114	(D)	7,596	6,266	8,215	10,210	9,196	−8,770
Construction	33,419	36,498	49,677	56,183	57,821	62,256	482,902	419,125	420,441	447,273	481,443	559,370
Manufacturing	43,354	51,845	62,539	65,141	64,606	72,196	162,324	154,585	169,320	183,310	195,590	204,615
Nondurable goods	20,216	20,797	27,624	30,883	31,967	34,783	58,543	62,079	69,194	73,889	80,777	89,726
Food and kindred products	4,704	6,349	10,564	12,604	13,524	14,064	10,536	11,548	14,403	15,048	16,174	18,077
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)	107	1,431	1,567	1,773	2,223	2,737	2,587
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	1,555	1,793	2,039	2,361	2,491	2,642	24,397	24,436	27,026	29,372	33,554	37,964
Chemicals and allied products	(L)	(D)	(D)	(D)	(D)	(D)	19,658	21,069	20,128	19,832	20,019	21,118
Petroleum and coal products	0	0	0	0	(D)	107	(D)	237	320	320	341	(D)
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,717	3,375	4,374	5,337	6,775
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	331	(D)	(D)	0	0	0
Durable goods	23,138	31,048	34,915	34,258	32,639	37,413	103,781	92,506	100,126	109,421	114,813	114,889
Lumber and wood products	(D)	(D)	(D)	(D)	1,154	1,102	8,098	6,348	12,418	12,726	(D)	(D)
Furniture and fixtures	0	(D)	(D)	(L)	0	0	1,117	1,409	1,727	2,116	2,412	2,569
Primary metal industries	0	(D)	(D)	882	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	1,453	1,682	1,706	1,251	1,003	5,492	5,581	5,152	3,651	(D)	(D)
Machinery, except electrical	866	1,152	1,363	1,960	1,534	2,847	3,528	2,644	3,064	3,536	4,239	4,645
Electric and electronic equipment	(D)	6,713	8,655	10,770	10,347	12,811	8,461	8,340	13,456	16,478	16,668	13,392
Transportation equip. exc. motor vehicles	(D)	17,836	18,804	(D)	(D)	(D)	(D)	(D)	(D)	(D)	527	871
Motor vehicles and equipment	450	(D)	(D)	(D)	(D)	(D)	1,477	1,472	1,342	1,672	2,053	2,036
Stone, clay, and glass products	2,376	2,302	2,627	3,605	3,459	3,552	19,507	15,953	19,800	21,628	22,467	24,642
Instruments and related products	0	0	0	0	(D)	(D)	1,143	1,240	1,198	1,082	1,649	2,202
Miscellaneous manufacturing industries	365	351	504	510	515	629	18,069	19,657	19,569	17,079	19,083	22,200
Transportation and public utilities	25,615	29,602	32,161	34,883	37,373	38,449	341,314	368,788	403,216	416,064	423,457	458,379
Railroad transportation	1,487	1,357	1,293	1,476	1,472	1,494	16,001	17,850	20,030	19,791	17,595	17,008
Trucking and warehousing	4,439	4,889	5,027	6,188	5,839	4,988	42,879	41,753	47,731	50,771	49,013	51,730
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	11,250	13,902	15,639	16,976	18,953	20,237	79,641	87,821	87,028	87,815	89,687	91,708
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	72,684	84,821	95,254	104,744	108,731	117,865
Wholesale trade	15,373	15,456	13,628	15,185	15,257	15,669	139,911	144,522	150,095	178,333	209,084	224,591
Retail trade	50,452	56,512	63,973	69,089	75,341	79,791	528,752	523,584	548,039	592,395	634,355	687,381
Finance, insurance, and real estate	17,881	17,077	20,378	23,334	27,725	30,097	193,289	191,017	217,960	245,865	284,917	325,860
Banking and credit agencies	8,995	10,009	11,541	12,899	14,677	15,748	68,288	74,790	84,111	91,659	109,275	132,347
Other finance, insurance, and real estate[9]	8,886	7,068	8,837	10,435	13,048	14,349	125,001	116,227	133,849	154,206	175,642	193,513
Services	71,258	79,801	85,747	95,160	106,477	118,033	1,941,616	2,054,072	2,197,951	2,397,711	2,637,806	2,866,487
Hotels and other lodging places	5,164	(D)	(D)	5,369	4,999	5,388	787,567	784,076	833,094	1,015,842	1,268,108	1,361,808
Personal services	4,574	4,915	5,598	6,382	7,495	7,932	55,345	57,740	60,463	62,072	74,778	79,471
Private households	2,988	3,254	3,450	3,876	3,938	4,102	(D)	13,594	14,422	16,362	16,706	17,626
Business services	14,550	16,719	16,512	18,166	21,308	24,330	179,690	189,684	209,295	248,537	264,421	306,360
Auto repair, services, and garages	4,601	5,188	5,402	6,101	6,505	6,700	41,890	43,046	49,129	53,036	55,537	62,346
Miscellaneous repair services	1,722	1,984	2,411	2,486	(D)	2,523	17,735	17,358	20,985	25,638	23,755	25,691
Amusement and recreation services	4,359	5,127	5,379	5,906	6,282	6,236	409,852	462,651	484,794	396,631	292,004	297,333
Motion pictures	1,075	(D)	(D)	810	(D)	784	6,582	4,159	3,302	4,811	5,997	(D)
Health services	16,004	19,678	22,745	25,039	29,159	35,235	233,857	268,909	278,706	301,862	341,058	384,519
Legal services	3,359	3,568	3,839	4,497	5,104	5,592	43,049	54,103	65,263	77,031	86,083	95,347
Educational services	1,084	1,216	1,312	1,361	1,418	1,533	5,340	6,074	6,806	8,043	8,687	10,150
Social services	1,817	1,662	2,009	2,284	2,487	2,251	10,920	12,038	12,926	13,447	14,460	15,945
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	0	0	0	0	(D)
Membership organizations	4,225	4,697	5,262	6,081	6,549	6,748	37,403	41,499	45,435	48,890	52,272	55,303
Miscellaneous services	5,736	5,234	5,985	6,802	7,760	8,679	100,153	99,141	113,331	125,509	133,940	148,252
Government and government enterprises	225,328	244,559	271,235	291,500	311,787	317,890	667,657	759,838	818,347	846,463	895,745	963,886
Federal, civilian	104,985	108,498	120,316	128,111	134,156	128,813	109,387	120,223	129,709	142,203	149,899	158,878
Military	2,827	3,091	3,903	4,245	4,536	5,286	154,075	179,787	204,377	195,569	190,521	189,790
State and local	117,516	132,970	147,016	159,144	173,095	183,791	404,195	459,828	484,261	508,691	555,325	615,218

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lawrence, KS (MSA)						Lawton, OK (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**619,975**	**645,013**	**686,884**	**743,985**	**798,791**	**855,917**	**936,406**	**1,061,678**	**1,132,109**	**1,168,216**	**1,238,946**	**1,270,651**
Nonfarm personal income	617,120	641,845	685,384	740,613	796,202	851,793	927,720	1,050,792	1,121,905	1,161,228	1,227,531	1,257,382
Farm income[1]	2,855	3,168	1,500	3,372	2,589	4,124	8,686	10,886	10,204	6,988	11,415	13,269
Population (thousands)[2]	69.0	69.5	69.4	70.1	71.3	72.6	115.0	119.8	122.3	121.8	120.7	120.7
Per capita personal income (dollars)	**8,983**	**9,287**	**9,899**	**10,615**	**11,197**	**11,789**	**8,141**	**8,865**	**9,260**	**9,592**	**10,267**	**10,528**
Derivation of total personal income:												
Total earnings by place of work	426,718	437,655	464,015	504,144	531,844	581,696	734,627	838,599	883,442	911,566	962,541	981,550
Less: Personal contributions for social insurance[3]	22,644	24,143	25,407	27,774	30,656	33,605	35,977	41,596	46,630	48,994	53,063	54,718
Plus: Adjustment for residence	28,811	35,349	36,649	42,388	50,410	50,057	−13,397	−19,115	−16,710	−16,617	−18,281	−17,613
Equals: Net earnings by place of residence	432,885	448,861	475,257	518,758	551,598	598,148	685,253	777,888	820,102	845,955	891,197	909,219
Plus: Dividends, interest, and rent[4]	107,830	111,774	118,828	130,928	145,101	151,242	88,383	102,702	116,334	125,622	132,874	135,562
Plus: Transfer payments	79,260	84,378	92,799	94,299	102,092	106,527	162,770	181,088	195,673	196,639	214,875	225,870
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	352,801	361,417	380,980	409,997	431,640	471,347	636,170	727,741	762,096	787,152	827,585	839,075
Other labor income	32,175	34,943	37,710	39,006	40,249	43,198	34,500	42,077	44,833	46,268	48,553	50,021
Proprietors' income[6]	41,742	41,295	45,325	55,141	59,955	67,151	63,957	68,781	76,513	78,146	86,403	92,454
Farm	1,713	1,852	223	2,109	1,313	2,840	7,768	9,849	9,204	6,004	10,423	12,271
Nonfarm	40,029	39,443	45,102	53,032	58,642	64,311	56,189	58,932	67,309	72,142	75,980	80,183
Earnings by industry:												
Farm	2,855	3,168	1,500	3,372	2,589	4,124	8,686	10,886	10,204	6,988	11,415	13,269
Nonfarm	423,863	434,487	462,515	500,772	529,255	577,572	725,941	827,713	873,238	904,578	951,126	968,281
Private	288,216	292,596	312,178	341,621	364,093	398,848	320,344	367,363	382,224	409,124	435,206	451,296
Agricultural services, forestry, fisheries, and other[7]	927	1,015	1,168	1,140	1,049	1,157	1,815	2,083	2,392	2,264	1,980	2,044
Agricultural services	919	1,017	1,151	1,127	1,043	1,149	1,776	2,067	2,351	2,250	1,955	2,017
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Mining	2,887	2,765	2,584	2,453	3,161	2,692	7,832	18,603	8,162	8,380	8,231	7,396
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	2,185	(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)	268	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	24,614	22,598	25,380	29,850	30,285	36,864	29,511	32,681	33,945	36,816	39,190	40,350
Manufacturing	95,211	96,415	99,607	106,062	108,819	115,411	69,249	72,091	76,828	88,013	92,941	95,359
Nondurable goods	76,258	78,348	78,318	82,028	82,275	86,612	54,440	60,048	66,776	77,014	82,228	83,987
Food and kindred products	10,030	9,374	10,022	9,900	8,271	9,174	8,793	10,280	11,111	11,313	10,482	10,226
Textile mill products	0	0	0	0	0	(D)	0	0	0	0	0	(D)
Apparel and other textile products	0	(D)	(D)	0	0	0	(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	35,866	38,074	35,924	37,868	38,085	37,179	3,471	3,579	3,713	3,977	(D)	4,706
Chemicals and allied products	(D)	(D)	(D)	16,226	16,656	18,720	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	354	(D)	(D)	(D)	106	129	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	18,953	18,067	21,289	24,034	26,544	28,799	14,809	12,043	10,052	10,999	10,713	11,372
Lumber and wood products	(D)	91	171	285	291	237	(L)	0	0	0	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	1,349	928	1,248	1,270	1,669	1,712	1,377	1,480	1,616	2,058	2,325	2,263
Machinery, except electrical	(D)	545	524	621	929	1,310	2,031	1,979	2,162	3,002	2,526	1,615
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Transportation equip. exc. motor vehicles	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	4,724	(D)	(D)	(D)	6,177	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	2,546	6,092	2,194	2,167	1,780	1,500	2,040
Instruments and related products	989	1,131	1,284	1,349	1,316	1,727	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	743	1,038	1,372	612	485	672	1,032	1,114	1,027
Transportation and public utilities	27,074	26,532	27,201	28,759	29,299	31,354	29,465	36,868	38,059	34,923	35,381	35,450
Railroad transportation	2,282	1,896	1,573	1,865	1,971	(D)	439	531	679	764	733	700
Trucking and warehousing	5,732	5,291	5,480	6,878	7,082	7,883	6,119	7,679	8,213	9,441	9,858	10,147
Water transportation	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	6,929	6,891	7,368	7,102	6,784	(D)	(D)	(D)	(D)	(D)	(D)	3,019
Communication	4,648	4,295	4,281	3,985	4,079	4,192	14,904	18,868	18,352	13,712	13,352	12,764
Electric, gas, and sanitary services	7,483	8,159	8,499	8,929	9,383	9,935	(D)	(D)	(D)	(D)	(D)	8,820
Wholesale trade	11,798	11,890	11,712	13,155	14,186	13,910	18,603	19,296	18,088	18,026	19,260	18,926
Retail trade	49,318	51,160	56,921	58,513	64,042	69,583	71,362	79,928	86,283	89,745	102,439	102,465
Finance, insurance, and real estate	13,830	12,997	14,879	15,474	16,327	20,140	19,701	21,478	23,689	26,666	27,867	30,177
Banking and credit agencies	6,400	6,766	6,989	7,253	8,061	9,444	9,439	10,435	11,963	13,165	14,091	15,532
Other finance, insurance, and real estate[9]	7,430	6,231	7,890	8,221	8,266	10,696	10,262	11,043	11,726	13,501	13,776	14,645
Services	62,557	67,224	72,726	86,215	96,925	107,737	72,806	84,335	94,778	104,291	107,917	119,129
Hotels and other lodging places	(D)	3,123	2,712	2,762	2,795	3,176	2,580	2,123	2,375	2,148	1,443	1,672
Personal services	5,889	6,213	6,866	7,035	8,542	9,473	8,813	9,555	10,076	10,901	13,334	13,931
Private households	1,353	1,459	1,520	1,689	1,694	1,741	1,497	1,658	1,764	1,946	1,940	1,984
Business services	8,515	11,591	12,788	18,726	23,093	26,723	15,711	22,225	28,232	32,585	31,633	36,194
Auto repair, services, and garages	3,089	2,717	3,272	4,003	4,331	4,800	4,908	5,175	6,020	6,532	6,879	7,255
Miscellaneous repair services	1,179	1,104	1,515	2,378	1,990	2,206	1,637	1,613	1,608	2,003	1,657	1,775
Amusement and recreation services	1,372	1,291	1,449	1,987	2,194	2,473	1,842	2,252	1,806	2,021	2,643	2,607
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	14,559	16,524	17,573	19,709	22,147	24,292	20,032	23,646	26,467	26,490	28,075	32,149
Legal services	2,574	2,578	3,017	3,587	3,942	4,220	3,839	3,794	4,168	4,723	4,989	5,931
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	380	(D)	(D)	1,089	984	804
Social services	3,435	3,394	3,796	4,137	4,555	5,141	1,614	1,880	1,523	1,620	1,928	2,177
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	103	99	(D)	(D)	(D)
Membership organizations	6,903	7,397	8,164	8,803	9,425	9,964	4,435	5,172	5,483	7,374	7,008	7,055
Miscellaneous services	6,586	5,294	5,593	6,693	7,587	8,854	5,132	3,869	3,661	4,283	4,872	5,032
Government and government enterprises	135,647	141,891	150,337	159,151	165,162	178,724	405,597	460,350	491,014	495,454	515,920	516,985
Federal, civilian	10,293	10,674	10,885	11,089	12,404	12,742	75,395	82,118	87,535	94,730	103,721	104,323
Military	2,752	3,817	3,867	4,439	5,179	5,946	253,378	290,460	308,537	303,281	311,350	307,427
State and local	122,602	127,400	135,585	143,623	147,579	160,036	76,824	87,772	94,942	97,443	100,849	105,235

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lewiston—Auburn, ME (NECMA)						Lexington—Fayette, KY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**893,232**	**952,570**	**1,024,588**	**1,108,039**	**1,156,841**	**1,253,415**	**3,410,021**	**3,623,441**	**3,881,372**	**4,298,664**	**4,521,310**	**4,742,418**
Nonfarm personal income	879,888	937,621	1,014,813	1,092,949	1,146,758	1,242,424	3,123,318	3,373,220	3,599,711	3,935,321	4,216,169	4,505,998
Farm income[1]	13,344	14,949	9,775	15,090	10,083	10,991	286,703	250,221	281,661	363,343	305,141	236,420
Population (thousands)[2]	99.8	99.8	100.0	100.7	100.9	101.1	320.1	323.4	326.1	326.5	329.6	332.0
Per capita personal income (dollars)	**8,948**	**9,546**	**10,248**	**11,000**	**11,466**	**12,395**	**10,655**	**11,205**	**11,902**	**13,166**	**13,716**	**14,285**
Derivation of total personal income:												
Total earnings by place of work	555,372	572,649	620,082	685,107	715,334	775,873	2,827,119	2,930,141	3,187,413	3,586,742	3,786,520	3,933,786
Less: Personal contributions for social insurance[3]	30,557	31,746	34,477	38,138	42,046	45,783	133,567	144,089	152,277	171,205	194,039	207,137
Plus: Adjustment for residence	82,543	100,532	102,079	103,751	102,624	119,699	−179,761	−176,647	−217,358	−252,022	−286,327	−257,532
Equals: Net earnings by place of residence	607,358	641,435	687,684	750,720	775,912	849,789	2,513,791	2,609,405	2,817,778	3,163,515	3,306,154	3,469,117
Plus: Dividends, interest, and rent[5]	115,423	124,372	135,023	149,503	158,330	171,432	487,841	571,013	585,782	638,836	684,490	716,393
Plus: Transfer payments	170,451	186,763	201,881	207,816	222,599	232,194	408,389	443,023	477,812	496,313	530,666	556,908
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	452,370	466,694	501,176	546,507	577,831	623,085	2,131,113	2,251,691	2,419,795	2,677,360	2,883,563	3,049,618
Other labor income	50,148	54,219	59,832	63,745	66,540	70,865	212,624	234,937	252,609	272,409	287,121	299,633
Proprietors' income[6]	52,854	51,736	59,074	74,855	70,963	81,923	483,382	443,513	515,009	636,973	615,836	584,535
Farm	4,283	4,612	−257	5,265	196	1,076	251,900	207,516	240,669	323,198	264,563	195,408
Nonfarm	48,571	47,124	59,331	69,590	70,767	80,847	231,482	235,997	274,340	313,775	351,273	389,127
Earnings by industry:												
Farm	13,344	14,949	9,775	15,090	10,083	10,991	286,703	250,221	281,661	363,343	305,141	236,420
Nonfarm	542,028	557,700	610,307	670,017	705,251	764,882	2,540,416	2,679,920	2,905,752	3,223,399	3,481,379	3,697,366
Private	490,934	501,861	550,716	604,725	634,288	686,561	2,064,770	2,168,023	2,356,778	2,638,624	2,868,949	3,049,410
Agricultural services, forestry, fisheries, and other[7]	3,029	1,970	4,760	4,431	3,176	4,379	30,777	42,672	51,936	57,968	64,351	74,134
Agricultural services	2,289	(D)	(D)	2,365	1,981	2,773	30,676	42,652	51,707	57,855	64,225	73,988
Forestry, fisheries, and other[7]	740	(D)	(D)	2,066	1,195	1,606	101	(L)	229	113	126	146
Mining	1,264	1,122	955	1,032	1,644	1,659	39,482	42,790	41,066	53,570*	66,671	67,668
Coal mining	(D)	(L)	(L)	(L)	(L)	(D)	26,571*	30,845	28,244	40,922	48,833	48,787
Oil and gas extraction	1,237	1,110	924	992	1,592	1,656	(D)	(D)	(D)	9,377*	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	34,692	34,003	38,080	46,079	49,044	60,011	167,535	167,123	182,626	223,579	243,731	268,854
Manufacturing	179,105	176,589	192,151	204,498	203,775	203,746	638,671	637,569	693,814	799,264	848,550	845,484
Nondurable goods	138,199	137,786	150,112	153,572	141,394	136,650	134,500	148,790*	172,112*	183,237*	199,364*	204,585*
Food and kindred products	15,675	16,375	18,108	16,946	17,211	18,091	22,686*	23,981*	28,444*	31,478*	34,044*	34,371*
Textile mill products	26,883	22,415	24,027	23,733	22,604	22,469	0	0	0	0	0	(D)
Apparel and other textile products	(D)	542	870	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	11,677	11,838	13,099	15,914	13,157	13,961	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	7,702	8,471	9,382	10,460	11,530	12,629	(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)	(D)	(D)	205	0	0	10,530	17,684	22,505	23,100	25,597	24,081
Tobacco manufactures	0	0	0	0	0	0	17,673*	18,507*	19,273*	16,069*	13,412	11,355
Rubber and misc. plastic products	28,519	31,352	32,771	34,230	36,189	32,005	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	46,654	46,201	51,369	50,743	39,444	35,238	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	40,906	38,803	42,039	50,926	62,381	67,096	504,171	452,394*	482,519*	564,271*	589,739*	584,697*
Lumber and wood products	2,441	2,263	3,032	3,472	3,649	4,461	3,547	2,550	3,348	4,666	5,375	5,984
Furniture and fixtures	(D)	(D)	(D)	1,064	1,204	1,991	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	6,416	5,891	7,395	11,824	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,714	6,041	5,002	5,255	5,745	5,317	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	5,691	5,765	5,556	5,502	6,585	6,615	288,580*	295,403*	311,059*	357,770*	384,525*	379,204*
Electric and electronic equipment	15,168	13,534	15,253	18,071	19,453	17,760	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	0	0	0	0	0	0	0	0	0	0	(D)
Motor vehicles and equipment	376	(D)	(D)	734	(D)	(D)	33,215*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	3,794	3,575	3,695	4,376	8,857	9,850	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	427	404	480	628	658	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	28,192	28,636	30,847	35,885	37,051	39,909	174,906	184,554	189,096	196,425	203,416	212,923
Railroad transportation	(D)	717	709	705	(D)	(D)	4,401*	(D)	(D)	(D)	4,125	3,410*
Trucking and warehousing	12,092	12,799	14,206	17,872	17,480	17,957	55,871	56,874	57,307	68,287	71,622	72,831
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	(D)	−82	(L)
Other transportation[8]	(D)	2,454	2,510	2,710	(D)	(D)	(D)	11,282*	12,404*	10,130*	10,045*	10,103*
Communication	7,730	6,493	6,555	7,069	8,584	10,056	(D)	(D)	(D)	62,383*	(D)	(D)
Electric, gas, and sanitary services	5,524	6,173	6,867	7,529	7,396	(D)	38,771*	42,056*	43,632*	46,544*	52,250*	56,242*
Wholesale trade	35,562	37,949	39,432	42,877	46,330	47,902	135,683	145,684	145,824	149,589*	177,627	179,504
Retail trade	66,819	70,033	76,916	81,250	85,641	96,367	273,886	289,945	307,355	335,689	365,740	393,736
Finance, insurance, and real estate	25,347	25,626	28,593	31,585	36,307	42,275	124,646	125,569	142,884	153,148	169,063	201,179
Banking and credit agencies	10,464	10,828	11,117	12,344	15,129	16,804	(D)	(D)	(D)	(D)	(D)	71,759*
Other finance, insurance, and real estate[9]	14,883	14,798	17,476	19,241	21,178	25,471	72,026*	69,122*	80,173*	85,704*	95,145*	118,017*
Services	116,924	125,933	138,982	157,088	171,320	190,313	479,184	532,117	602,177	658,957	729,800	805,928
Hotels and other lodging places	1,663	1,519	1,703	2,233	2,364	2,369	17,229*	22,162*	26,595*	25,985*	27,495*	29,443*
Personal services	(D)	(D)	(D)	(D)	(D)	(D)	27,163	28,314*	31,162*	33,433*	37,803*	40,717*
Private households	1,572	1,683	1,760	1,965	1,976	2,036	14,714	15,784	16,451	18,239	18,252	18,680
Business services	7,512	(D)	(D)	(D)	(D)	(D)	54,012	66,510	81,671	94,515	112,164	132,274
Auto repair, services, and garages	7,073	6,566	6,857	9,372	8,630	9,875	18,270	17,653	19,485	22,751	23,996	25,145
Miscellaneous repair services	1,846	1,641	2,267	2,116	3,388	3,614	6,632	9,274	9,160	9,312	9,255	14,666
Amusement and recreation services	1,244	1,230	1,164	1,397	1,743	2,070	12,934*	13,445	15,967	18,347	19,116	20,666
Motion pictures	144	171	170	251	259	361	(D)	(D)	(D)	(D)	(D)	(D)
Health services	56,058	65,551	71,186	78,324	82,256	86,987	185,660	210,795	240,437	243,994	272,388	299,181
Legal services	6,161	7,310	8,676	10,099	12,289	14,152	28,411	33,219	36,174	45,064	48,715	54,218
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,699	6,148	6,367	6,951	8,055	9,589	(D)	10,103*	11,240*	13,269*	15,261*	16,243*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,756	4,738	4,832	5,341	5,468	5,593	(D)	16,592*	18,084*	19,644*	20,741*	21,387*
Miscellaneous services	7,667	7,472	8,392	9,465	10,591	12,390	68,186	65,293	70,679	86,950	96,086	103,443
Government and government enterprises	51,094	55,839	59,591	65,292	70,963	78,321	475,646	511,897	548,974	584,775	612,430	647,956
Federal, civilian	7,183	7,180	7,551	7,907	8,413	8,591	124,663	134,975	147,105	157,217	164,247	164,748
Military	1,845	2,071	2,279	2,478	2,517	2,768	7,900	9,982	11,280	12,692	13,381	14,027
State and local	42,066	46,588	49,761	54,907	60,033	66,962	343,083	366,940	390,589	414,866	434,802	469,181

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lima, OH (MSA)						Lincoln, NE (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,500,883**	**1,543,449**	**1,624,842**	**1,793,846**	**1,902,177**	**2,025,276**	**2,116,353**	**2,225,724**	**2,352,141**	**2,509,249**	**2,692,240**	**2,829,419**
Nonfarm personal income	1,481,485	1,525,232	1,620,899	1,764,564	1,870,272	1,996,282	2,092,523	2,209,580	2,333,990	2,496,348	2,659,077	2,792,187
Farm income[1]	19,398	18,217	3,943	29,282	31,905	28,994	23,830	16,144	18,151	12,901	33,163	37,232
Population (thousands)[2]	154.6	153.2	152.2	153.3	154.1	154.1	196.4	198.7	200.3	203.5	205.3	206.1
Per capita personal income (dollars)	**9,705**	**10,077**	**10,679**	**11,701**	**12,347**	**13,139**	**10,776**	**11,204**	**11,745**	**12,333**	**13,113**	**13,731**
Derivation of total personal income:												
Total earnings by place of work	1,196,495	1,203,125	1,251,515	1,427,528	1,532,965	1,639,016	1,658,950	1,715,617	1,806,171	1,958,389	2,117,475	2,227,354
Less: Personal contributions for social insurance[3]	71,559	74,465	80,487	91,632	102,555	110,576	97,230	108,331	109,383	120,754	136,462	146,139
Plus: Adjustment for residence	−111,054	−121,357	−122,367	−144,022	−151,550	−155,798	−44,551	−41,983	−46,071	−52,463	−56,233	−54,310
Equals: Net earnings by place of residence	1,013,882	1,007,303	1,048,661	1,191,874	1,278,860	1,372,642	1,517,169	1,565,303	1,650,717	1,785,172	1,924,780	2,026,905
Plus: Dividends, interest, and rent[5]	251,208	263,707	285,647	305,733	311,718	325,902	351,314	387,448	406,184	424,480	437,746	456,030
Plus: Transfer payments	235,793	272,439	290,534	296,239	311,599	326,732	247,870	272,973	295,240	299,597	329,714	346,484
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	977,320	987,658	1,030,315	1,160,630	1,245,744	1,330,959	1,348,938	1,407,801	1,477,374	1,610,947	1,718,392	1,797,828
Other labor income	121,866	126,825	134,048	145,204	153,642	166,683	123,718	137,131	145,126	153,546	159,546	166,468
Proprietors' income[6]	97,309	88,642	87,152	121,694	133,579	141,374	186,294	170,685	183,671	193,896	239,537	263,058
Farm	16,877	15,438	1,247	26,611	29,199	26,267	20,736	12,661	14,772	9,555	29,775	33,831
Nonfarm	80,432	73,204	85,905	95,083	104,380	115,107	165,558	158,024	168,899	184,341	209,762	229,227
Earnings by industry:												
Farm	19,398	18,217	3,943	29,282	31,905	28,994	23,830	16,144	18,151	12,901	33,163	37,232
Nonfarm	1,177,097	1,184,908	1,247,572	1,398,246	1,501,060	1,610,022	1,635,120	1,699,473	1,788,020	1,945,488	2,084,312	2,190,122
Private	1,065,330	1,061,381	1,115,480	1,251,946	1,343,067	1,442,619	1,240,969	1,280,863	1,344,976	1,465,870	1,560,680	1,651,096
Agricultural services, forestry, fisheries, and other[7]	3,767	2,913	3,460	3,411	2,928	3,319	3,841	4,114	5,006	4,980	5,106	6,248
Agricultural services	3,726	2,929	3,331	3,306	2,883	3,260	3,782	4,122	4,855	4,863	5,011	6,134
Forestry, fisheries, and other[7]	(L)	(L)	129	105	(L)	59	59	(L)	151	117	95	114
Mining	3,727	3,101	3,349	3,815	4,993	5,264	4,872	4,263	3,429	3,311	4,831	4,616
Coal mining	(L)	(L)	(L)	(L)	51	53	0	0	(L)	(L)	(L)	(L)
Oil and gas extraction	2,567	(D)	(D)	(D)	(D)	(D)	(D)	4,185	3,296	3,115	4,636	4,587
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)
Nonmetallic minerals, except fuels	1,129	(D)	(D)	(D)	(D)	(D)	(D)	87	133	205	(D)	(D)
Construction	69,441	74,686	69,804	91,264	89,354	81,921	93,456	89,576	98,145	111,902	116,373	124,299
Manufacturing	544,606	534,225	562,781	636,872	694,993	769,146	257,987	259,171	266,065	299,869	315,204	331,805
Nondurable goods	143,095	144,093	152,121	166,596	176,624	181,893	143,662	148,026	151,294	156,970	166,879	185,794
Food and kindred products	33,207	35,249	38,786	43,346	47,779	53,188	41,824	(D)	(D)	28,768	28,325	31,181
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	79	758	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	59	(D)	(D)	(D)
Paper and allied products	1,928	(D)	(D)	(D)	(D)	(D)	1,160	1,192	1,396	1,498	2,173	(D)
Printing and publishing	7,878	8,073	8,722	9,101	9,648	10,501	35,258	37,908	40,455	33,882	38,432	44,507
Chemicals and allied products	31,688	33,436*	34,124*	36,499	37,836	37,125*	19,883	22,572	27,036	29,486	32,243	35,074
Petroleum and coal products	27,875	28,227	29,545	32,458	34,132	30,362	0	0	0	0	0	0
Tobacco manufactures	1,782	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	40,211	42,167	45,680	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	401,511	390,132	410,660	470,276	518,369	587,253	114,325	111,145	114,771	142,899	148,325	146,011
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	3,474	2,575	2,833	3,327	3,565	3,459
Furniture and fixtures	(L)	(L)	0	0	0	(D)	(D)	990	439	372	461	476
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,481	(D)	(D)
Fabricated metal products	39,695	38,919	48,610	49,790	50,035	52,630	17,010	17,192	16,130	17,179	18,491	19,836
Machinery, except electrical	77,880	65,431	61,811	79,545	85,425	93,387	10,810	9,205	8,446	21,801	22,312	31,332
Electric and electronic equipment	37,185*	35,753*	39,356*	42,353*	44,156*	(D)	27,617	26,839	31,668	37,654	36,468	37,512
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	37,068	36,969	36,118	40,277	42,432	27,814
Motor vehicles and equipment	124,216*	(D)	(D)	133,557*	164,509*	(D)	1,297	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,543	2,192	2,704	2,352	1,728	1,752	6,976	6,915	7,558	9,067	9,881	10,307
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	6,944	7,288	8,161	(D)	(D)	(D)
Miscellaneous manufacturing industries	903	823	845	834	888	980	733	763	823	837	972	999
Transportation and public utilities	75,402	75,408	75,184	83,217	87,447	87,648	184,069	185,930	184,383	198,731	196,629	197,830
Railroad transportation	13,865	12,291	11,207	12,215	11,872	10,979	86,794	81,430	78,092	87,447	83,585	81,361
Trucking and warehousing	30,918	29,322	29,519	35,379	36,253	36,170	21,784	22,466	22,568	23,403	23,342	23,951
Water transportation	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)
Other transportation[8]	4,993	5,065*	5,035*	5,283	5,641*	5,547*	(D)	(D)	(D)	(D)	9,935	10,463
Communication	13,852*	17,043	17,467	17,495	19,523	19,904	60,484	67,526	69,335	71,954	69,573	71,434
Electric, gas, and sanitary services	9,446*	10,748*	10,962*	12,845	14,063	14,925	7,209	6,458	6,098	7,578	10,201	10,619
Wholesale trade	57,191	58,835	59,523	62,536	62,568	64,902	103,638	103,891	104,218	112,822	116,582	112,651
Retail trade	105,769	105,793	114,623	123,243	132,882	141,310	169,430	172,994	186,629	194,731	211,903	224,868
Finance, insurance, and real estate	32,847	31,434	34,003	35,401	35,374	40,544	123,400	127,581	140,288	146,656	164,369	178,494
Banking and credit agencies	16,479	16,700	17,818	19,075	18,979	19,497	32,263	35,932	38,091	41,046	43,482	47,298
Other finance, insurance, and real estate[9]	16,368	14,734	16,185	16,326	16,395	21,047	91,137	91,649	102,197	105,610	120,887	131,196
Services	172,580	174,986	192,753	212,187	232,528	248,565	300,276	333,343	356,813	392,868	429,683	470,285
Hotels and other lodging places	2,010	2,060	2,442	2,041	2,389	2,280	(D)	6,226	7,085	10,351	10,712	11,134
Personal services	13,979	12,264	13,580	14,363	16,651	17,603	17,627	19,465	21,013	22,230	27,407	29,004
Private households	2,758	2,931	3,030	3,347	3,350	3,428	3,660	3,914	4,074	4,519	4,516	4,600
Business services	10,255	(D)	(D)	16,958	19,343	20,795	51,299	56,951	63,961	74,856	84,933	96,252
Auto repair, services, and garages	8,767	7,587	8,572	10,254	10,032	11,132	11,581	12,271	14,341	17,476	19,091	20,839
Miscellaneous repair services	2,298	2,028	2,887	3,479	3,228	3,716	5,107	5,430	6,283	7,367	6,210	6,778
Amusement and recreation services	3,124	3,035	3,430	3,871	4,214	4,404	5,515	5,748	6,089	6,183	5,508	6,125
Motion pictures	342*	357*	369*	375*	(D)	(D)	834	(D)	(D)	(D)	(D)	(D)
Health services	88,256	94,660	102,037	107,944	119,076	126,713	103,137	126,592	132,944	138,490	150,611	166,593
Legal services	6,923	6,852	8,139	9,647	10,201	11,098	24,249	26,359	28,443	33,607	37,381	41,449
Educational services	5,831*	6,034*	6,632*	7,282*	(D)	(D)	11,616	12,867	13,970	13,888	13,986	14,657
Social services	(D)	(D)	(D)	(D)	(D)	(D)	8,173	8,790	9,040	10,547	10,926	11,426
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,935	10,203	10,900	11,601	11,836	11,977	18,527	19,993	20,727	22,296	23,377	24,807
Miscellaneous services	13,982	12,072	13,095	15,815	17,768	19,633	32,609	27,682	28,070	29,834	33,706	34,956
Government and government enterprises	111,767	123,527	132,092	146,300	157,993	167,403	394,151	418,610	443,044	479,618	523,632	539,026
Federal, civilian	14,088	14,614	15,315	16,385	17,840	18,284	53,836	54,051	62,021	67,082	70,452	70,471
Military	1,650	1,903	2,096	2,224	2,488	2,574	4,030	4,820	5,374	5,593	6,396	7,557
State and local	96,029	107,010	114,681	127,691	137,665	146,545	336,285	359,739	375,649	406,943	446,784	460,998

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Little Rock—North Little Rock, AR (MSA)						Longview—Marshall, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,750,547**	**5,041,299**	**5,450,674**	**5,894,745**	**6,393,497**	**6,792,753**	**1,665,203**	**1,803,388**	**1,842,329**	**1,948,685**	**2,069,443**	**2,075,382**
Nonfarm personal income	4,706,552	5,017,311	5,429,793	5,857,515	6,356,077	6,766,505	1,663,581	1,799,896	1,840,419	1,948,148	2,067,173	2,072,016
Farm income[1]	43,995	23,988	20,881	37,230	37,420	26,248	1,622	3,492	1,910	537	2,270	3,366
Population (thousands)[2]	478.7	482.6	487.1	492.9	499.1	505.6	157.6	166.1	168.8	169.5	169.5	170.3
Per capita personal income (dollars)	**9,924**	**10,447**	**11,190**	**11,959**	**12,810**	**13,435**	**10,565**	**10,856**	**10,917**	**11,499**	**12,208**	**12,184**
Derivation of total personal income:												
Total earnings by place of work	3,731,562	3,941,231	4,278,945	4,655,992	5,034,999	5,344,914	1,394,330	1,481,049	1,471,131	1,546,316	1,626,446	1,612,364
Less: Personal contributions for social insurance[3]	216,654	239,687	262,939	285,379	324,049	348,482	72,803	78,751	79,451	84,211	93,022	93,156
Plus: Adjustment for residence	−82,872	−91,563	−95,544	−91,756	−93,612	−72,558	−132,671	−149,656	−137,606	−131,223	−140,965	−158,403
Equals: Net earnings by place of residence	3,432,036	3,609,981	3,920,462	4,278,857	4,617,338	4,923,874	1,188,856	1,252,642	1,254,074	1,330,882	1,392,459	1,360,805
Plus: Dividends, interest, and rent[5]	598,834	647,295	679,194	741,273	818,530	863,659	263,704	305,245	314,783	339,570	378,847	392,343
Plus: Transfer payments	719,677	784,023	851,018	874,615	957,629	1,005,220	212,643	245,501	273,472	278,233	298,137	322,234
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,118,642	3,316,986	3,586,959	3,888,752	4,203,406	4,462,617	1,125,305	1,200,277	1,172,106	1,232,060	1,290,402	1,265,565
Other labor income	299,006	333,715	361,709	374,008	394,216	410,287	126,693	138,154	135,962	135,316	137,408	135,039
Proprietors' income[6]	313,914	290,530	330,277	393,232	437,377	472,010	142,332	142,618	163,063	178,940	198,636	211,760
Farm	33,401	12,022	9,355	25,903	25,938	14,700	757	2,585	1,029	−337	1,387	2,481
Nonfarm	280,513	278,508	320,922	367,329	411,439	457,310	141,575	140,033	162,034	179,277	197,249	209,279
Earnings by industry:												
Farm	43,995	23,988	20,881	37,230	37,420	26,248	1,622	3,492	1,910	537	2,270	3,366
Nonfarm	3,687,567	3,917,243	4,258,064	4,618,762	4,997,579	5,318,666	1,392,708	1,477,557	1,469,221	1,545,779	1,624,176	1,608,998
Private	2,930,151	3,092,700	3,382,720	3,658,256	3,953,821	4,215,828	1,285,149	1,354,750	1,329,383	1,396,195	1,460,372	1,439,572
Agricultural services, forestry, fisheries, and other[7]	9,552*	10,604	12,705	13,864	12,889	14,990	4,702	3,901	5,250	5,337	5,065	5,294
Agricultural services	9,025*	10,478	11,592	13,046	(D)	(D)	(D)	3,891	4,750	4,951	4,843	5,030
Forestry, fisheries, and other[7]	534	126	1,113	818	(D)	(D)	(D)	(L)	500	386	222	264
Mining	20,572*	20,072	19,459	17,049	19,561	19,798	141,958	145,545	137,195	145,259	141,134	125,704
Coal mining	114	91	72	75	82	85	432	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	141,431	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	(L)	0	0	(D)	0
Nonmetallic minerals, except fuels	(D)	(D)	7,266*	(D)	7,016*	(D)	95	60	64	79	(D)	(D)
Construction	244,319	245,636	262,127	301,976	328,731	342,897	115,076	133,497	133,914	131,457	110,162	111,124
Manufacturing	677,398	663,930	688,357	723,586	738,135	742,455	433,542	427,345	400,655	418,279	452,778	447,911
Nondurable goods	315,513	315,179	313,427	319,727	317,646	323,261	149,970	148,814	159,744	165,625	208,963	214,006
Food and kindred products	58,818*	60,227*	61,833*	65,627*	67,831*	72,057*	22,815	23,811	23,160	27,083	27,856	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	11,085*	10,592	11,282	7,956*	4,955*	4,106*	4,041*	3,942*	3,779*
Paper and allied products	27,936*	29,971*	36,215*	39,679*	39,634*	45,475*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	43,998*	47,527*	51,262*	58,971*	63,787*	68,000*	5,648	5,813	6,792	7,711	7,598	7,888
Chemicals and allied products	125,712	121,360	107,132	(D)	(D)	(D)	(D)	(D)	(D)	(D)	157,728	159,479
Petroleum and coal products	(D)	5,396*	6,017*	5,861*	5,791*	6,072*	5,837	5,511	6,328	5,028	5,629	5,184
Tobacco manufactures	(L)	(D)	(D)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	18,383*	16,930*	16,687*	19,351*	19,616*	19,797*	1,169*	1,259	1,543	(D)	3,738	6,246
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	361,885	348,751	374,930	403,859	420,489	419,194	283,572	278,531	240,911	252,654	243,815	233,905
Lumber and wood products	(D)	(D)	(D)	21,732*	22,927*	24,120*	8,544	7,952	8,803	10,663	(D)	9,651
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	32,057	29,294	20,970	14,577	14,395	14,041
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	72,178	76,390	73,594	74,486	51,731	46,259
Machinery, except electrical	44,153	41,939	46,381	53,506	108,265	117,089	111,134	104,277	74,334	82,428	92,175	83,074
Electric and electronic equipment	86,077*	88,320*	109,491*	113,719*	66,821*	52,907*	(D)	(D)	(D)	(D)	9,042	9,688*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	26,957*	(D)	(D)	(D)	24,296	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,756	3,291	1,050	(D)	(D)	(D)
Stone, clay, and glass products	19,758*	18,673*	22,555*	23,244*	(D)	25,218*	28,160	28,869	32,552	35,653	36,698	39,411
Instruments and related products	(D)	(D)	(D)	(D)	(D)	15,158	(D)	3,552	2,241	2,267	2,932	2,163
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	156	(D)	(D)	(D)	1,158	2,081
Transportation and public utilities	369,769	394,421	423,120	452,800	483,500	521,167	101,431	105,800	102,392	114,477	125,301	118,576
Railroad transportation	72,988	69,646*	68,214*	85,264	92,127	94,771	10,232	9,688	9,550	15,673	20,083	22,469
Trucking and warehousing	95,559	95,436	101,321	114,429	127,460	143,225	36,735	32,652	26,795	30,597	30,179	26,641
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	777*	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	16,155	(D)	(D)	(D)	(D)	(D)
Communication	117,023*	135,490	143,981	133,804	137,339	150,037	21,307	25,566	26,159	24,624	25,407	23,234
Electric, gas, and sanitary services	55,698	68,780	83,014	89,154	94,032	98,289	17,002	19,940	21,362	24,591	30,232	28,319
Wholesale trade	282,720*	304,361	325,950	368,611	393,822	405,933	92,216	97,907	88,705	91,023	97,726	92,086
Retail trade	382,167	399,760	449,884	479,780	520,198	551,411	152,548	169,158	178,981	179,846	189,100	194,741
Finance, insurance, and real estate	253,175	291,979	352,712	367,731	420,859	479,814	40,816	45,305	55,122	60,122	69,048	72,402
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	21,724	25,660	29,269	30,573	33,001	32,679
Other finance, insurance, and real estate[9]	174,775*	209,489*	259,841*	267,818*	312,823*	358,372*	19,092	19,645	25,853	29,549	36,047	39,723
Services	680,819	761,937	848,406	932,859	1,036,126	1,137,363	202,860	226,292	227,169	250,395	270,058	271,734
Hotels and other lodging places	15,684*	17,299*	21,680*	25,497*	25,015*	27,283*	5,895	5,763	5,431	(D)	4,950	4,895
Personal services	37,959	42,174	46,257	50,714	62,224	66,371	13,078	14,648	15,743	15,534	18,381	18,568
Private households	8,037	8,630	9,011	10,016	10,107	10,394	8,672	9,626	10,261	11,546	11,758	12,251
Business services	103,512	120,356	136,862	165,392	190,912	219,473	35,959	41,916	38,030	42,156	47,817	44,593
Auto repair, services, and garages	39,603	38,405	41,936	47,025	50,475	52,815	11,478	12,080	13,050	14,023	14,342	15,170
Miscellaneous repair services	11,084	12,877	15,573	18,416	17,095	18,179	13,173	13,823	9,650	9,681	8,935	8,132
Amusement and recreation services	8,170	8,452	8,547	9,481	11,485	12,543	2,944	3,564	3,770	4,071	4,496	4,326
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	282,097	332,184	369,417	380,683	414,363	450,478	57,638	68,776	73,158	77,779	84,519	89,162
Legal services	41,423*	52,272	63,664	76,449	86,219	96,942	13,179	15,629	16,531	19,804	23,631	23,235
Educational services	15,257*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Social services	25,229	24,544	25,421	27,236	31,161	36,303	3,157	3,263	3,537	3,907	4,212	4,616
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	29,335*	33,136	34,413	36,038	38,442	38,762	6,729	8,117	8,598	8,975	9,652	9,584
Miscellaneous services	58,388	54,224	56,761	64,488	72,463	78,845	22,030	19,306	19,688	27,546	26,560	26,346
Government and government enterprises	757,416	824,543	875,344	960,506	1,043,758	1,102,838	107,559	122,807	139,838	149,584	163,804	169,426
Federal, civilian	183,401	194,311	208,948	229,759	243,336	246,781	11,814	12,584	13,933	15,242	16,792	16,785
Military	111,246	126,096	133,392	145,735	154,488	158,530	2,003	2,686	2,877	2,897	3,214	3,485
State and local	462,769	504,136	533,004	585,012	645,934	697,527	93,742	107,537	123,028	131,445	143,798	149,156

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lorain—Elyria, OH (PMSA)						Los Angeles—Long Beach, CA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,706,649**	**2,724,777**	**2,855,733**	**3,081,311**	**3,280,485**	**3,295,569**	**98,106,652**	**103,953,167**	**109,980,556**	**120,917,236**	**130,560,798**	**140,932,914**
Nonfarm personal income	2,698,395	2,714,266	2,851,183	3,068,153	3,268,715	3,282,891	97,955,377	103,794,012	109,802,665	120,729,845	130,370,744	140,764,499
Farm income[1]	8,254	10,511	4,550	13,158	11,770	12,678	151,275	159,155	177,891	187,391	190,054	168,415
Population (thousands)[2]	274.4	273.9	271.8	270.8	270.3	270.6	7,594.5	7,741.8	7,886.6	7,998.0	8,130.8	8,295.9
Per capita personal income (dollars)	**9,863**	**9,947**	**10,505**	**11,377**	**12,137**	**12,178**	**12,918**	**13,427**	**13,945**	**15,118**	**16,058**	**16,988**
Derivation of total personal income:												
Total earnings by place of work	1,894,656	1,734,837	1,849,831	1,995,824	2,125,629	2,144,184	81,860,051	85,734,320	91,878,534	101,264,699	110,174,866	118,399,522
Less: Personal contributions for social insurance[3]	114,251	108,569	119,182	129,473	143,769	146,513	4,392,012	4,668,184	5,270,297	5,820,051	6,612,315	7,152,256
Plus: Adjustment for residence	222,960	267,040	265,232	309,337	347,922	294,678	−8,408,519	−8,605,293	−9,643,446	−10,346,020	−11,369,102	−11,625,559
Equals: Net earnings by place of residence	2,003,365	1,893,308	1,995,881	2,175,688	2,329,782	2,292,349	69,059,520	72,460,843	76,964,791	85,098,628	92,193,449	99,621,707
Plus: Dividends, interest, and rent[5]	320,066	356,334	370,467	415,615	428,670	450,388	15,761,935	16,983,213	17,779,467	20,312,852	21,517,758	23,143,116
Plus: Transfer payments	383,218	475,135	489,385	490,008	522,033	552,832	13,285,197	14,509,111	15,236,298	15,505,756	16,849,591	18,168,091
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,584,226	1,449,172	1,537,502	1,657,532	1,769,159	1,776,226	67,982,810	71,097,911	75,540,109	83,021,540	90,100,318	96,601,128
Other labor income	215,748	197,010	214,865	219,355	228,702	225,943	7,017,132	7,642,767	8,243,694	8,674,747	9,133,256	9,662,519
Proprietors' income[6]	94,682	88,655	97,464	118,937	127,768	142,015	6,860,109	6,993,642	8,094,731	9,568,412	10,941,292	12,135,875
Farm	3,340	5,154	−611	8,082	6,623	7,486	80,611	79,913	100,068	107,229	109,920	83,866
Nonfarm	91,342	83,501	98,075	110,855	121,145	134,529	6,779,498	6,913,729	7,994,663	9,461,183	10,831,372	12,052,009
Earnings by industry:												
Farm	8,254	10,511	4,550	13,158	11,770	12,678	151,275	159,155	177,891	187,391	190,054	168,415
Nonfarm	1,886,402	1,724,326	1,845,281	1,982,666	2,113,859	2,131,506	81,708,776	85,575,165	91,700,643	101,077,308	109,984,812	118,231,107
Private	1,693,694	1,527,710	1,633,500	1,755,636	1,871,467	1,874,279	72,329,397	75,606,351	81,106,035	89,745,672	97,651,719	105,026,447
Agricultural services, forestry, fisheries, and other[7]	4,974	5,780	6,675	7,134	7,573	8,195	252,649	250,107	293,582	300,582	285,834	329,327
Agricultural services	4,765	5,710	6,482	7,005	7,507	8,117	217,058	226,343	255,990	270,698	252,576	293,592
Forestry, fisheries, and other[7]	209	70	193	129	66	78	35,591	23,764	37,592	29,884	33,258	35,735
Mining	9,263	9,119	9,757	5,879	6,810	6,464	683,035	692,328	650,005	685,969	692,287	645,477
Coal mining	72	69	80	99	107	111	843	(D)	(D)	1,719	1,882	1,975
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	644,919	660,599	608,837	639,259	643,414	625,006
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	1,612	(D)	(D)	1,207	2,259	3,575
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	35,661	30,615	37,881	43,784	44,732	14,921
Construction	94,311	66,487	70,958	83,046	87,581	96,349	4,194,924	3,991,447	3,998,278	4,539,556	5,052,801	5,588,057
Manufacturing	1,011,394	851,516	913,463	973,019	1,035,522	986,381	21,125,393	21,492,110	22,493,897	24,502,596	25,768,582	26,744,768
Nondurable goods	90,826	91,363	101,619	106,624	108,613	109,079	5,929,685	6,077,089	6,420,382	6,800,907	7,014,127	7,376,130
Food and kindred products	9,729	9,271	9,201	10,008	10,813	11,469	1,183,081	1,255,446	1,325,945	1,366,018	1,336,759	1,383,487
Textile mill products	0	0	0	0	0	0	139,385	139,103	160,357	165,555	185,568	205,719
Apparel and other textile products	2,706	2,443	2,298	1,983	(D)	(D)	902,135	905,011	960,451	1,083,029	1,100,768	1,237,468
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	424,867	426,677	454,284	506,252	518,252	540,334
Printing and publishing	11,005	11,652	13,013	14,169	16,058	16,957	1,211,200	1,243,801	1,354,886	1,452,797	1,544,873	1,601,245
Chemicals and allied products	53,134	52,576	59,575	59,172	57,274	56,644	679,940	707,661	721,696	785,754	809,934	866,963
Petroleum and coal products	(D)	(D)	(D)	(D)	1,217	1,202	676,283	714,389	722,062	682,309	779,233	752,218
Tobacco manufactures	0	0	0	0	0	0	156	238	583	806	409	472
Rubber and misc. plastic products	10,450	12,654	14,897	18,269	20,023	19,933	588,170	573,618	619,545	670,331	655,703	709,453
Leather and leather products	0	0	0	0	0	0	124,468	111,145	100,573	88,056	82,628	78,771
Durable goods	920,568	760,153	811,844	866,395	926,909	877,302	15,195,708	15,415,021	16,073,515	17,701,689	18,754,455	19,368,638
Lumber and wood products	537	396	453	462	632	887	214,208	171,512	190,718	229,115	228,790	251,333
Furniture and fixtures	(D)	(D)	(D)	0	(D)	(D)	599,799	552,690	603,375	682,443	712,671	746,130
Primary metal industries	(D)	(D)	(D)	(D)	164,069	120,909	618,763	567,641	559,217	632,954	577,130	605,935
Fabricated metal products	111,415	99,323	88,939	100,418	102,042	97,331	1,671,642	1,587,744	1,622,953	1,841,809	1,884,460	1,861,045
Machinery, except electrical	73,743	61,959	64,123	71,376	78,294	83,036	2,130,335	2,055,762	2,015,396	2,148,569	2,180,047	2,013,233
Electric and electronic equipment	46,945	49,144	50,646	55,203	52,171	53,462	3,508,928	3,825,269	4,203,769	4,761,612	5,190,180	5,452,872
Transportation equip. exc. motor vehicles	23,079	25,050	15,620	13,512	14,700	15,342	4,459,041	4,611,937	4,771,520	5,093,097	5,547,793	6,062,464
Motor vehicles and equipment	297,112	274,619	404,134	427,103	484,209	469,066	477,927	510,948	505,979	551,523	579,531	515,922
Stone, clay, and glass products	9,190	7,649	7,133	7,532	8,681	10,932	467,394	447,050	461,528	505,450	480,740	497,815
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	629,070	647,059	658,211	720,002	817,150	796,071
Miscellaneous manufacturing industries	3,681	4,130	2,910	3,592	3,726	3,842	418,601	437,409	480,849	535,115	555,963	565,818
Transportation and public utilities	92,986	100,241	104,013	112,793	117,270	117,808	5,898,696	6,282,183	6,598,859	6,851,519	7,166,844	7,443,178
Railroad transportation	10,780	9,063	7,703	7,394	6,276	5,630	216,921	210,778	217,343	245,057	247,301	239,547
Trucking and warehousing	27,915	31,207	35,254	42,555	43,269	40,894	1,216,191	1,200,642	1,247,407	1,364,118	1,406,225	1,443,336
Water transportation	1,355	(D)	(D)	(D)	1,109	1,219	239,116	270,070	294,060	386,806	410,677	433,169
Other transportation[8]	4,283	(D)	(D)	(D)	4,971	5,825	1,765,609	1,877,911	1,946,167	1,921,068	2,055,907	2,245,682
Communication	19,573	20,519	21,296	21,139	21,233	22,448	1,877,257	2,061,003	2,170,390	2,156,207	2,181,933	2,133,626
Electric, gas, and sanitary services	29,080	33,395	33,868	35,969	40,412	41,792	583,602	661,779	723,492	778,263	864,801	947,818
Wholesale trade	34,027	36,624	36,051	42,291	46,705	52,011	6,753,396	6,985,944	7,271,441	8,217,235	8,964,407	9,659,002
Retail trade	146,531	146,318	157,131	165,176	175,116	183,465	7,875,474	8,138,455	8,833,236	9,562,507	10,305,233	10,897,793
Finance, insurance, and real estate	40,311	36,843	41,903	43,675	46,025	53,703	5,410,566	5,614,483	6,452,473	7,166,642	8,101,890	9,643,428
Banking and credit agencies	21,441	21,702	22,342	22,727	23,977	25,868	2,121,940	2,317,908	2,587,850	2,822,355	3,071,890	3,421,536
Other finance, insurance, and real estate[9]	18,870	15,141	19,561	20,948	22,048	27,835	3,288,626	3,296,575	3,864,623	4,344,287	5,030,000	6,221,892
Services	259,897	274,782	293,549	322,623	348,865	369,903	20,135,264	22,159,294	24,514,264	27,919,066	31,313,841	34,075,417
Hotels and other lodging places	4,216	3,795	3,961	4,001	4,455	4,447	379,384	373,941	442,110	508,665	514,079	560,413
Personal services	11,907	12,868	13,418	13,943	17,140	19,318	712,668	768,368	806,773	860,442	1,009,277	1,078,671
Private households	3,220	3,429	3,542	3,921	3,918	4,012	(D)	448,438	474,244	535,766	547,471	574,093
Business services	13,097	13,751	17,433	23,578	24,462	26,934	3,979,592	4,669,365	5,370,488	6,309,351	7,295,636	8,084,206
Auto repair, services, and garages	9,710	8,122	8,872	11,040	12,493	14,137	797,515	828,537	926,367	1,071,465	1,153,805	1,247,160
Miscellaneous repair services	5,063	7,778	8,416	9,888	11,827	10,037	426,006	441,757	483,998	600,478	606,632	573,515
Amusement and recreation services	7,301	7,105	7,053	7,324	7,943	7,975	714,004	716,970	840,420	1,080,249	1,215,723	1,343,955
Motion pictures	715	837	768	(D)	(D)	(D)	1,970,312	2,119,104	2,406,098	2,984,078	3,423,969	3,635,821
Health services	134,500	146,245	150,363	158,098	168,829	178,874	5,238,171	5,910,824	6,292,016	6,766,449	7,434,516	7,971,260
Legal services	10,150	10,638	11,258	12,837	14,140	15,893	1,442,157	1,751,439	2,004,413	2,373,004	2,699,098	3,124,248
Educational services	22,681	(D)	(D)	31,407	33,039	35,546	782,375	885,699	969,319	1,073,772	1,161,111	946,237
Social services	4,986	5,316	5,970	6,873	7,497	7,636	373,583	393,817	420,407	425,656	471,445	524,063
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	11,200	16,378	20,153	24,968	31,209
Membership organizations	(D)	16,162	16,777	17,636	18,261	18,534	661,367	735,520	760,891	792,957	822,957	837,338
Miscellaneous services	17,097	14,159	17,567	21,321	24,034	25,771	2,238,372	2,104,315	2,300,342	2,516,581	2,933,154	3,543,228
Government and government enterprises	192,708	196,616	211,781	227,030	242,392	257,227	9,379,379	9,968,814	10,594,608	11,331,636	12,333,093	13,204,660
Federal, civilian	38,903	35,113	44,108	44,562	48,989	48,170	1,732,017	1,807,573	1,931,997	1,994,252	2,098,105	2,093,142
Military	2,812	3,238	3,644	3,686	3,994	4,257	273,750	327,468	372,576	414,203	478,663	534,621
State and local	150,993	158,265	164,029	178,782	189,409	204,800	7,373,612	7,833,773	8,290,035	8,923,181	9,756,325	10,576,897

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Louisville, KY—IN (MSA)						Lubbock, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**10,094,110**	**10,554,175**	**11,132,082**	**11,921,675**	**12,526,755**	**13,187,234**	**2,124,632**	**2,285,569**	**2,471,439**	**2,584,582**	**2,721,081**	**2,769,120**
Nonfarm personal income	10,029,037	10,488,364	11,090,571	11,845,013	12,469,066	13,121,178	2,080,237	2,263,871	2,429,481	2,528,889	2,684,761	2,743,554
Farm income[1]	65,073	65,811	41,511	76,662	57,689	66,056	44,395	21,698	41,958	55,693	36,320	25,566
Population (thousands)[2]	956.3	961.2	963.1	963.7	963.6	962.8	214.0	217.9	222.6	223.5	222.7	224.8
Per capita personal income (dollars)	**10,556**	**10,980**	**11,559**	**12,371**	**13,000**	**13,697**	**9,928**	**10,490**	**11,100**	**11,566**	**12,218**	**12,316**
Derivation of total personal income:												
Total earnings by place of work	7,712,860	7,812,947	8,227,345	8,907,068	9,353,221	9,863,877	1,677,637	1,770,679	1,939,579	2,008,575	2,093,733	2,103,115
Less: Personal contributions for social insurance[3]	406,758	424,534	437,928	478,627	529,808	562,856	83,805	91,669	100,396	103,416	113,669	115,644
Plus: Adjustment for residence	−204,761	−180,458	−177,382	−237,570	−250,503	−269,636	−18,021	−15,397	−25,316	−21,323	−21,006	−23,704
Equals: Net earnings by place of residence	7,101,341	7,207,955	7,612,035	8,190,871	8,572,910	9,031,385	1,575,811	1,663,613	1,813,867	1,883,836	1,959,058	1,963,767
Plus: Dividends, interest, and rent[5]	1,556,600	1,754,352	1,833,721	2,001,542	2,113,240	2,209,876	322,789	366,643	372,607	399,594	428,904	443,657
Plus: Transfer payments	1,436,169	1,591,868	1,686,326	1,729,262	1,840,605	1,945,973	226,032	255,313	284,965	301,152	333,119	361,696
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,352,588	6,443,617	6,778,594	7,308,738	7,673,094	8,054,100	1,305,674	1,407,361	1,512,085	1,544,212	1,620,830	1,618,915
Other labor income	700,379	734,960	762,458	794,541	808,690	838,141	115,107	130,731	142,414	135,972	137,806	139,202
Proprietors' income[6]	659,893	634,370	686,293	803,789	871,437	971,636	256,856	232,587	285,080	328,391	335,097	344,998
Farm	53,103	51,700	27,914	63,286	44,171	52,428	38,719	16,027	36,497	50,324	30,880	20,100
Nonfarm	606,790	582,670	658,379	740,503	827,266	919,208	218,137	216,560	248,583	278,067	304,217	324,898
Earnings by industry:												
Farm	65,073	65,811	41,511	76,662	57,689	66,056	44,395	21,698	41,958	55,693	36,320	25,566
Nonfarm	7,647,787	7,747,136	8,185,834	8,830,406	9,295,532	9,797,821	1,633,242	1,748,981	1,897,621	1,952,882	2,057,413	2,077,549
Private	6,706,239	6,758,659	7,142,886	7,739,869	8,127,062	8,565,982	1,302,182	1,379,327	1,495,929	1,519,880	1,594,921	1,616,497
Agricultural services, forestry, fisheries, and other[7]	23,072	24,484	28,695	30,164	31,547	34,037*	12,591	11,514	12,295	12,629	12,200	10,342
Agricultural services	22,655	24,344	27,766	(D)	30,640	33,135*	12,570	11,510	12,226	(D)	12,099	10,255
Forestry, fisheries, and other[7]	417	140	929	(D)	907	1,022	(L)	(L)	69	(D)	101	87
Mining	38,297	37,533	37,552	39,884	51,326	50,314*	16,308	14,908	19,185	20,551	20,293	15,726
Coal mining	1,480	2,642*	1,824*	2,854*	3,771	3,293	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	25,180*	22,859*	22,841*	23,279*	32,293*	32,318*	15,731	14,297	18,444	19,787	19,441	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	569	610	734	756	835	(D)
Construction	500,109	484,223	504,471	511,305	530,397	597,476	123,251	125,464	149,135	157,750	169,983	174,449
Manufacturing	2,448,663	2,310,653	2,364,978	2,588,237	2,599,722	2,627,810	229,122	241,299	262,181	197,336	187,055	178,066
Nondurable goods	1,006,401	1,010,320	1,019,361	1,059,495	1,085,064	1,105,868	59,671	63,368	59,926	59,192	63,159	65,007
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	38,610	40,772	35,652	35,218	36,765	38,185
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	35,853*	35,949*	36,816*	(D)	1,257	1,359	1,543	1,706	1,788
Paper and allied products	49,933*	50,096*	49,212*	54,816*	54,996*	58,308*	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	139,729*	142,566*	148,686*	155,164*	168,691*	175,235*	10,059	11,062	12,398	12,619	14,113	14,265
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	2,051	2,359	3,625	2,647	3,004	3,057
Petroleum and coal products	6,822*	6,926*	6,126*	4,242*	3,451*	4,152*	738	1,251	1,512	606	245	236
Tobacco manufactures	257,577	246,572	237,618	241,776	241,272	219,112	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	5,944	5,654	3,950	4,681	5,092	5,024
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	244	(D)	(D)	(D)	(D)	(D)
Durable goods	1,442,262	1,300,333	1,345,617	1,528,742	1,514,658	1,521,942	169,451	177,931	202,255	138,144	123,896	113,059
Lumber and wood products	86,115*	(D)	(D)	(D)	(D)	(D)	2,308	2,197	2,374	2,367	2,716	2,942
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	539	583	515	1,023	1,003	836
Primary metal industries	(D)	91,991*	100,355*	(D)	(D)	(D)	9,003	7,222	6,723	8,948	7,805	4,976
Fabricated metal products	201,397*	(D)	(D)	(D)	(D)	(D)	14,926	11,786	10,253	11,972	11,424	11,111
Machinery, except electrical	279,802*	225,450*	182,609*	213,748*	194,705*	182,303*	50,638	44,416	35,602	36,166	29,555	32,906
Electric and electronic equipment	404,441*	364,885*	405,323*	474,098*	450,934*	477,632*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	4,274	(D)	(D)	(D)	(D)	325
Motor vehicles and equipment	203,027	(D)	(D)	(D)	(D)	(D)	1,093	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	52,072*	(D)	(D)	4,038	3,826	4,258	3,375	3,483	3,941
Instruments and related products	6,636	7,231*	7,722*	7,708*	7,957*	8,595*	(D)	(D)	(D)	1,125	1,039	1,088
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	1,924	1,660	1,957	2,389	2,111	1,933
Transportation and public utilities	626,677	658,425	675,731	724,327	766,527	794,500	122,102	129,735	130,486	135,122	135,581	137,152
Railroad transportation	121,459*	118,932	120,390	127,751*	119,183*	105,394*	16,391	15,514	15,290	16,150	14,791	13,370
Trucking and warehousing	194,591*	199,816	215,338	250,890	270,013	288,275	47,224	47,978	46,414	53,046	52,989	56,038
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	10,738	12,361	13,412	12,191	13,428	11,528
Communication	138,527*	150,583*	150,683*	144,755*	142,341*	146,435*	33,678	38,092	38,118	36,436	36,999	37,793
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	14,084	15,824	17,287	17,339	17,394	18,420
Wholesale trade	544,829	566,542	572,732	619,724	654,599	636,313	152,333	160,478	158,711	170,839	177,332	170,906
Retail trade	765,931	801,272	865,336	931,501	993,243	1,058,655	238,520	248,083	267,465	282,366	301,161	309,523
Finance, insurance, and real estate	456,928	463,603	528,148	566,944	623,727	707,029	87,026	93,639	110,559	120,378	126,428	135,903
Banking and credit agencies	164,364*	176,946*	193,730*	211,701*	222,584*	237,679*	32,763	39,049	47,888	51,827	52,415	52,815
Other finance, insurance, and real estate[9]	284,762*	279,423*	325,892*	346,072*	373,818*	437,825*	54,263	54,590	62,671	68,551	74,013	83,088
Services	1,301,733	1,411,924	1,565,243	1,727,783	1,875,974	2,057,215	320,929	354,207	385,912	422,909	464,888	484,430
Hotels and other lodging places	(D)	44,788*	47,875*	46,059*	45,856*	47,223*	6,469	6,832	7,001	6,413	5,312	5,271
Personal services	74,314	75,976*	83,464*	90,573	107,028	115,359	25,238	26,135	26,910	27,995	32,859	32,822
Private households	21,504*	23,035*	23,986*	27,368	27,386	27,607*	8,886	9,861	10,516	11,831	12,051	12,556
Business services	155,856	172,515	199,330	232,705	270,738	318,848	46,675	54,822	66,237	74,910	86,349	89,285
Auto repair, services, and garages	61,826	63,121	74,971	89,256	94,633	104,756	18,548	18,310	19,568	22,706	22,269	23,606
Miscellaneous repair services	24,221	24,702	28,714	31,946*	29,894	32,591	10,984	12,381	10,316	10,796	9,960	9,907
Amusement and recreation services	34,789*	35,943*	40,232*	41,410*	47,249	51,474	4,924	5,699	5,797	5,983	6,755	7,105
Motion pictures	4,748	2,878*	2,910*	4,055*	5,000*	4,965*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	538,862	617,584	670,391	725,960	767,268	831,645	131,751	148,610	160,841	171,711	193,035	204,876
Legal services	99,443	114,179	128,032	154,077	170,065	190,280	16,935	18,211	21,069	25,727	28,096	30,933
Educational services	39,166*	43,411	48,342	55,064	58,618	63,846	5,041	5,875	6,080	6,808	7,861	7,470
Social services	41,326*	38,134*	42,039*	40,358*	42,876*	47,816*	4,766	5,791	6,713	7,114	7,386	7,973
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	56,240*	62,342	65,020	68,353	71,238	72,281	11,560	12,583	13,367	13,979	14,578	14,493
Miscellaneous services	99,383	85,886	101,460	113,304	132,251	143,363	28,372	28,264	30,679	35,934	37,471	37,169
Government and government enterprises	941,548	988,477	1,042,948	1,090,537	1,168,470	1,231,839	331,060	369,654	401,692	433,002	462,492	461,052
Federal, civilian	253,945	260,601	287,325	289,401	313,254	312,415	45,579	46,734	47,466	50,555	53,439	53,449
Military	23,260	28,045	31,648	36,696	38,577	41,607	48,510	53,744	55,249	60,165	63,116	62,450
State and local	664,343	699,831	723,975	764,440	816,639	877,817	236,971	269,176	298,977	322,282	345,937	345,153

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Lynchburg, VA (MSA)						Macon—Warner Robins, GA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,253,942**	**1,320,280**	**1,425,454**	**1,553,244**	**1,627,043**	**1,725,591**	**2,407,214**	**2,602,017**	**2,814,174**	**3,048,465**	**3,277,399**	**3,509,212**
Nonfarm personal income	1,248,924	1,319,358	1,423,458	1,546,478	1,622,931	1,720,712	2,393,692	2,584,750	2,802,408	3,030,247	3,260,982	3,486,449
Farm income[1]	5,018	922	1,996	6,766	4,112	4,879	13,522	17,267	11,766	18,218	16,417	22,763
Population (thousands)[2]	142.3	142.5	142.1	142.6	144.0	144.2	267.6	271.6	275.8	277.8	279.7	282.1
Per capita personal income (dollars)	**8,812**	**9,267**	**10,032**	**10,895**	**11,295**	**11,970**	**8,997**	**9,579**	**10,202**	**10,972**	**11,716**	**12,438**
Derivation of total personal income:												
Total earnings by place of work	1,137,396	1,158,401	1,242,120	1,368,151	1,428,947	1,516,753	1,885,391	2,030,085	2,191,422	2,402,912	2,590,804	2,743,727
Less: Personal contributions for social insurance[3]	63,302	65,950	69,048	75,188	81,644	87,321	103,442	113,179	119,400	131,894	146,301	154,909
Plus: Adjustment for residence	−230,217	−232,622	−248,096	−271,056	−280,503	−302,969	−100,461	−117,624	−138,853	−164,264	−174,957	−142,923
Equals: Net earnings by place of residence	843,877	859,829	924,976	1,021,907	1,066,800	1,126,463	1,681,488	1,799,282	1,933,169	2,106,754	2,269,546	2,445,895
Plus: Dividends, interest, and rent[5]	216,755	244,784	268,474	292,940	303,702	330,129	293,661	330,018	366,555	405,790	424,403	457,475
Plus: Transfer payments	193,310	215,667	232,004	238,397	256,541	268,999	432,065	472,717	514,450	535,921	583,450	605,842
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	956,895	980,753	1,040,757	1,142,004	1,193,766	1,260,359	1,601,918	1,729,416	1,860,714	2,028,056	2,175,831	2,288,361
Other labor income	107,605	112,518	120,449	125,416	127,104	133,366	138,635	161,221	174,823	185,948	197,657	206,847
Proprietors' income[6]	72,896	65,130	80,914	100,731	108,077	123,028	144,838	139,448	155,885	188,908	217,316	248,519
Farm	3,389	−762	377	5,176	2,499	3,261	9,512	12,854	7,517	14,046	12,194	18,519
Nonfarm	69,507	65,892	80,537	95,555	105,578	119,767	135,326	126,594	148,368	174,862	205,122	230,000
Earnings by industry:												
Farm	5,018	922	1,996	6,766	4,112	4,879	13,522	17,267	11,766	18,218	16,417	22,763
Nonfarm	1,132,378	1,157,479	1,240,124	1,361,385	1,424,835	1,511,874	1,871,869	2,012,818	2,179,656	2,384,694	2,574,387	2,720,964
Private	1,007,718	1,021,986	1,104,761	1,219,680	1,269,036	1,344,089	1,228,917	1,317,267	1,430,372	1,590,504	1,733,237	1,867,461
Agricultural services, forestry, fisheries, and other[7]	2,890	3,008	4,234	4,390	4,420	5,427	8,992	9,762	10,983	12,257	11,827	13,241
Agricultural services	2,690	3,086	3,605	3,825	(D)	(D)	5,716	6,616*	7,294*	8,649*	8,787*	10,301*
Forestry, fisheries, and other[7]	200	−78	629	565	(D)	(D)	3,276	(D)	(D)	(D)	2,661*	2,577*
Mining	3,669	3,149	3,069	3,408	4,566	4,766	(D)	(D)	(D)	6,057	7,482	7,172
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)	(D)	(D)	3,180*
Construction	53,384	55,175	55,990	65,627	71,710	84,421	86,641	91,858	96,972	116,354	120,329	134,139
Manufacturing	531,049	519,223	554,589	621,118	616,605	628,134	368,509	403,847	443,075	478,417	510,981	533,112
Nondurable goods	159,119	156,022	168,192	182,230	186,077	196,723	227,266*	255,984	284,366	310,236	336,330	342,492*
Food and kindred products	30,460*	34,241*	35,772*	37,830*	39,908*	42,460*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	23,435*	20,808	25,868	27,517	26,211	26,694	(D)	(D)	(D)	30,581	32,279	31,627
Apparel and other textile products	16,680*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	52,426	55,097	59,647	64,155	74,723	76,791
Printing and publishing	27,726*	29,100	32,446	37,355	41,089	44,555*	(D)	10,169*	11,157*	14,459*	14,989*	18,629*
Chemicals and allied products	10,289	11,002	12,933	14,386	14,213	15,771	(D)	7,790	10,267	8,470	8,499	(D)
Petroleum and coal products	440	335	353	240	(D)	0	1,632	1,793	1,667	1,776	1,634	1,343
Tobacco manufactures	0	0	0	0	0	0	42,774	62,203	75,167	86,837	105,999	111,287
Rubber and misc. plastic products	(D)	4,390	4,432	5,356	5,839	6,683	(D)	4,289	4,938	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)
Durable goods	371,930	363,201	386,397	438,888	430,528	431,411	136,337*	147,863	158,709	168,181	174,651	186,249*
Lumber and wood products	10,161	9,150	11,786	14,530	14,808	16,901	8,046	6,723*	7,072*	8,975*	8,361*	6,881*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	61,763	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	149,586*	152,930*	157,640*	167,338	175,447	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	24,425	(D)	(D)	3,973*	4,363*	4,513*	(D)	6,593*	7,525*
Electric and electronic equipment	(D)	(D)	(D)	110,796	98,391	80,497	3,944*	3,589*	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	6,184	(D)	(D)	(D)	(D)	(D)	41,704	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,324	2,243	2,639	2,837	3,097	3,373	25,342*	26,624*	28,002*	29,959*	32,070*	35,324*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	57,855	62,462	71,778	75,882	78,087	81,907	109,789	115,994	121,613	131,203	141,243	148,593
Railroad transportation	8,853	(D)	(D)	8,836	7,440	6,614	23,393	(D)	(D)	28,177	29,008	26,789
Trucking and warehousing	17,917	19,001	24,933	28,889	28,645	31,257	(D)	22,068	24,426	28,940	31,260	34,868
Water transportation	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Other transportation[8]	8,058	9,507	11,105	12,860	14,391	(D)	(D)	4,840	5,057	10,365*	(D)	(D)
Communication	16,791	18,290	19,687	17,531	18,725	20,332	(D)	(D)	(D)	37,377*	38,985*	39,381*
Electric, gas, and sanitary services	6,236	6,916*	6,932*	7,766	8,886	(D)	(D)	20,059*	21,720*	22,671*	24,170*	26,392*
Wholesale trade	44,100	45,335	47,420	52,587	58,010	64,955	90,485	93,018	92,084	111,824	126,383	124,660
Retail trade	94,598	96,318	106,851	115,774	123,764	132,834	184,332	195,774	208,624	226,656	250,132	272,879
Finance, insurance, and real estate	50,605	50,948	56,070	60,805	66,107	74,183	105,127*	110,237*	123,779*	134,755	144,611	166,435
Banking and credit agencies	18,981*	(D)	(D)	25,551*	(D)	(D)	29,300*	30,466*	34,194*	36,361*	37,348*	42,936*
Other finance, insurance, and real estate[9]	30,005*	(D)	(D)	33,632*	(D)	(D)	76,103	77,865*	87,637*	94,520*	104,236*	119,064*
Services	169,568	186,368	204,760	220,089	245,767	267,462	269,544	291,808	327,928	372,981	420,249	467,230
Hotels and other lodging places	3,999	4,813	4,926	(D)	(D)	(D)	(D)	9,183*	10,472*	11,862*	12,162*	13,712
Personal services	9,476	10,032	12,302	12,810	15,202	16,320	15,508	14,977	15,985	17,501	20,802	22,804
Private households	7,690	8,292	8,700	9,766	9,882	10,269	12,184	13,167	13,843	15,602	15,939	16,667
Business services	15,100	19,540	21,165	18,903	25,221	30,077	21,704	24,428	23,809	30,252	33,180	37,700
Auto repair, services, and garages	7,564	7,469	8,192	9,379	10,501	11,890	13,290	13,385	14,778	16,961	20,429	22,962
Miscellaneous repair services	2,662	2,444	3,787	4,426	3,837	3,919	(D)	8,414	9,056	9,731	7,537	10,718
Amusement and recreation services	2,440	2,340	2,641	5,061	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	592	(D)	(D)	612	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	62,265	71,270	75,828	81,487	91,729	97,439	94,879	109,578	125,487	139,224	160,949	178,275
Legal services	7,672	8,286	9,536	11,582	12,849	15,580	16,406	19,678	22,469	29,653	33,510	37,901
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	18,479*	21,591*	25,043*	27,511*	29,908*	31,950*
Social services	(D)	(D)	(D)	(D)	(D)	12,686	5,859*	6,640*	8,011*	8,940*	10,392*	11,506*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	9,731	9,953	10,551	10,868	10,086	14,652*	17,864	18,577	19,557	19,058	18,983
Miscellaneous services	13,868	11,496	12,987	14,365	17,324	19,891	32,310	27,210	34,437	39,640	49,221	56,250
Government and government enterprises	124,660	135,493	135,363	141,705	155,799	167,785	642,952	695,551	749,284	794,190	841,150	853,503
Federal, civilian	13,650	14,136	13,020	13,522	14,189	14,212	377,263	406,091	437,425	469,666	492,653	464,519
Military	2,507	3,327	3,149	3,579	4,156	4,864	77,010	87,889	97,113	94,118	99,541	105,746
State and local	108,503	118,030	119,194	124,604	137,454	148,709	188,679	201,571	214,746	230,406	248,956	283,238

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Madison, WI (MSA)						Manchester—Nashua, NH (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,842,023**	**4,145,011**	**4,400,433**	**4,745,647**	**5,088,287**	**5,468,003**	**3,368,720**	**3,642,591**	**4,121,147**	**4,648,366**	**5,180,051**	**5,667,130**
Nonfarm personal income	3,764,614	4,077,678	4,384,979	4,710,332	5,044,202	5,399,764	3,363,873	3,636,627	4,116,109	4,643,629	5,173,342	5,660,192
Farm income[1]	77,409	67,333	15,454	35,315	44,085	68,239	4,847	5,964	5,038	4,737	6,709	6,938
Population (thousands)[2]	327.4	330.6	334.8	338.2	341.4	344.9	281.8	285.2	288.8	295.8	306.5	314.3
Per capita personal income (dollars)	**11,737**	**12,539**	**13,145**	**14,034**	**14,903**	**15,855**	**11,956**	**12,772**	**14,268**	**15,716**	**16,903**	**18,031**
Derivation of total personal income:												
Total earnings by place of work	3,008,375	3,213,685	3,365,927	3,650,663	3,950,339	4,277,220	2,409,207	2,641,958	3,011,241	3,469,356	3,878,825	4,322,377
Less: Personal contributions for social insurance[3]	160,081	175,192	172,160	185,039	207,322	225,494	137,563	152,329	170,266	197,933	231,636	260,547
Plus: Adjustment for residence	−75,008	−83,500	−91,551	−94,656	−109,314	−116,216	226,921	204,468	262,860	263,742	323,042	296,723
Equals: Net earnings by place of residence	2,773,286	2,954,993	3,102,216	3,370,968	3,633,703	3,935,510	2,498,565	2,694,097	3,103,835	3,535,165	3,970,231	4,358,553
Plus: Dividends, interest, and rent[5]	633,381	702,698	762,316	830,360	865,040	908,883	497,896	543,558	584,956	669,121	735,336	806,985
Plus: Transfer payments	435,356	487,320	535,901	544,319	589,544	623,610	372,259	404,936	432,356	444,080	474,484	501,592
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,511,638	2,705,264	2,854,213	3,066,664	3,309,313	3,558,126	2,000,340	2,202,968	2,488,203	2,877,992	3,219,405	3,584,460
Other labor income	207,069	232,112	251,859	265,174	281,855	300,172	223,879	255,541	287,929	318,469	342,259	370,901
Proprietors' income[6]	289,668	276,309	259,855	318,825	359,171	418,922	184,988	183,449	235,109	272,895	317,161	367,016
Farm	63,738	51,656	303	20,473	28,989	53,021	2,274	3,147	2,369	2,372	4,315	4,822
Nonfarm	225,930	224,653	259,552	298,352	330,182	365,901	182,714	180,302	232,740	270,523	312,846	362,194
Earnings by industry:												
Farm	77,409	67,333	15,454	35,315	44,085	68,239	4,847	5,964	5,038	4,737	6,709	6,938
Nonfarm	2,930,966	3,146,352	3,350,473	3,615,348	3,906,254	4,208,981	2,404,360	2,635,994	3,006,203	3,464,619	3,872,116	4,315,439
Private	2,051,428	2,141,416	2,295,486	2,507,500	2,716,346	2,932,938	2,191,440	2,410,689	2,758,200	3,208,307	3,587,715	4,001,501
Agricultural services, forestry, fisheries, and other[7]	15,067	18,572	21,366	22,051	21,991	25,062	5,612	5,465	7,761	8,677	10,886	14,663
Agricultural services	14,942	18,593	21,092	21,858	21,836	24,889	5,205	5,462	6,990	8,067	10,335	14,113
Forestry, fisheries, and other[7]	125	(L)	274	193	155	173	407	(L)	771	610	551	550
Mining	12,461	11,225	10,476	12,954	15,564	15,444	9,490	9,292	8,288	9,616	13,467	12,226
Coal mining	139	119	133	337	355	368	0	0	0	0	0	0
Oil and gas extraction	8,737	7,753	6,437	6,899	9,663	9,726	6,887	6,252	4,765	5,341	8,287	8,754
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	3,586	3,364	3,907	5,722	5,541	5,335	2,603	3,040	3,523	4,275	5,180	3,472
Construction	176,820	169,811	171,018	194,419	204,063	226,451	125,281	139,402	174,590	222,666	280,903	351,608
Manufacturing	442,307	436,917	456,311	490,555	524,336	562,561	925,897	1,033,656	1,169,019	1,357,945	1,453,635	1,509,927
Nondurable goods	242,703	237,180	254,428	254,871	264,787	288,778	270,175	278,722	295,628	320,202	323,866	332,987
Food and kindred products	152,489	139,377	141,468	131,662	131,368	139,105	38,900	41,934	45,077	46,277	46,161	47,835
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	18,630	17,606	20,275	22,653	22,746	24,213
Apparel and other textile products	705	813	880	1,364	(D)	2,492	16,440	17,470	19,016	18,628	16,187	(D)
Paper and allied products	5,880	5,564	7,412	6,043	7,535	8,653	44,488	43,994	43,138	50,151	51,661	54,095
Printing and publishing	42,464	47,702	54,468	57,978	64,158	70,144	45,030	48,547	55,159	63,681	72,145	76,767
Chemicals and allied products	16,757	18,934	20,217	23,124	24,577	27,757	14,871	15,583	16,307	19,930	23,071	23,746
Petroleum and coal products	0	0	0	(D)	126	150	99	88	83	(L)	(D)	0
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(D)	(L)
Rubber and misc. plastic products	19,740	19,960	24,353	28,388	28,973	40,477	66,728	68,876	73,747	77,853	77,267	79,053
Leather and leather products	(D)	(D)	(D)	(D)	0	0	24,965	24,620	22,813	20,964	14,553	(D)
Durable goods	199,604	199,737	201,883	235,684	259,549	273,783	655,722	754,934	873,391	1,037,743	1,129,769	1,176,940
Lumber and wood products	13,778	(D)	(D)	19,439	19,331	20,018	19,446	16,999	20,192	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	12,644	14,070	14,378
Primary metal industries	14,650	13,100	13,565	(D)	5,926	6,788	26,429	29,722	36,150	43,860	42,312	40,270
Fabricated metal products	32,215	32,489	26,591	24,686	29,358	33,495	23,801	27,117	31,791	37,402	36,721	38,251
Machinery, except electrical	43,705	45,719	49,200	64,196	73,686	76,904	266,342	304,887	318,633	368,553	409,310	443,316
Electric and electronic equipment	26,348	25,625	22,636	26,648	39,945	47,635	235,089	282,561	363,214	448,418	489,525	488,803
Transportation equip. exc. motor vehicles	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	3,749	4,548	6,590	8,958	(D)	(D)	0	0	0	0	0	638
Stone, clay, and glass products	13,866	9,943	8,861	9,998	10,523	11,264	11,499	10,617	13,177	15,305	16,979	17,782
Instruments and related products	(D)	35,588	35,498	39,157	39,643	38,222	51,157	62,669	66,874	73,864	78,986	89,284
Miscellaneous manufacturing industries	1,596	1,519	1,781	2,413	2,488	3,303	12,011	10,822	11,757	14,120	15,872	16,432
Transportation and public utilities	156,958	167,557	176,177	186,457	185,828	202,300	181,477	203,527	219,633	228,762	226,247	231,149
Railroad transportation	6,271	4,427	2,511	2,652	2,607	2,384	2,406	2,745	3,550	4,459	4,198	3,616
Trucking and warehousing	35,030	34,514	35,513	40,074	41,673	46,763	45,886	45,112	49,399	56,673	56,030	62,414
Water transportation	−72	−179	−145	−157	−79	(L)	(D)	(D)	(D)	(D)	(D)	0
Other transportation[8]	13,955	14,987	15,878	17,673	18,924	18,505	(D)	(D)	(D)	(D)	19,492	22,860
Communication	58,171	64,074	69,292	66,865	67,899	70,610	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	43,603	49,734	53,128	59,350	54,804	64,027	34,383	41,969	46,544	(D)	(D)	(D)
Wholesale trade	169,582	178,945	182,415	204,627	223,895	239,822	157,163	158,572	175,309	218,794	246,426	268,076
Retail trade	285,130	300,266	332,229	344,687	360,689	381,429	239,368	258,170	298,842	340,574	386,292	457,847
Finance, insurance, and real estate	234,054	244,286	264,440	288,946	322,982	375,465	128,327	135,725	156,521	183,844	216,377	272,671
Banking and credit agencies	46,235	53,692	59,257	63,098	68,559	78,928	40,213	45,672	52,656	62,875	71,900	88,915
Other finance, insurance, and real estate[9]	187,819	190,594	205,183	225,848	254,423	296,537	88,114	90,053	103,865	120,969	144,477	183,756
Services	559,049	613,837	681,054	762,804	856,998	904,404	418,825	466,880	548,237	637,429	753,482	883,334
Hotels and other lodging places	14,477	13,685	18,569	18,573	19,175	20,012	12,182	13,393	16,662	21,551	24,245	26,577
Personal services	29,047	31,481	33,992	37,231	42,762	45,329	22,293	23,670	29,492	33,590	42,019	48,222
Private households	9,690	10,363	10,749	11,931	11,972	12,281	4,899	5,298	5,548	6,271	6,407	6,744
Business services	105,660	128,568	149,020	176,951	211,836	228,545	82,338	95,612	121,190	150,558	197,431	242,896
Auto repair, services, and garages	17,724	19,039	21,240	24,980	26,237	26,049	25,317	26,072	30,556	33,517	40,831	46,930
Miscellaneous repair services	9,392	8,447	9,938	11,689	12,159	11,175	6,075	7,003	8,624	10,391	10,487	11,774
Amusement and recreation services	9,605	10,165	10,951	12,117	14,386	14,161	8,379	8,802	9,440	10,611	11,639	13,738
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	196,436	215,832	232,794	245,456	269,757	278,226	139,370	158,783	178,836	195,901	216,774	248,548
Legal services	35,922	40,819	45,158	53,096	57,417	64,262	30,558	34,430	40,173	47,930	55,311	66,726
Educational services	5,756	6,312	7,061	8,695	9,447	10,653	23,955	26,650	29,805	33,728	36,698	39,560
Social services	24,684	25,129	29,670	32,317	35,601	39,104	12,547	13,782	16,674	21,017	22,464	26,260
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	38,827	43,582	45,672	52,564	57,976	60,909	15,516	16,504	17,700	20,040	21,012	22,044
Miscellaneous services	59,466	57,909	63,985	75,090	86,313	91,103	34,484	35,580	42,187	50,686	66,079	81,059
Government and government enterprises	879,538	1,004,936	1,054,987	1,107,848	1,189,908	1,276,043	212,920	225,305	248,003	256,312	284,401	313,938
Federal, civilian	88,991	93,224	97,495	102,696	106,740	109,009	70,927	72,190	80,574	86,351	93,662	97,005
Military	7,188	8,123	9,922	12,122	13,959	15,168	6,422	7,119	7,789	8,188	9,216	10,291
State and local	783,359	903,589	947,570	993,030	1,069,209	1,151,866	135,571	145,996	159,640	161,773	181,523	206,642

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Mansfield, OH (MSA)						McAllen—Edinburg—Mission, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,294,297**	**1,296,534**	**1,428,346**	**1,534,138**	**1,632,930**	**1,694,811**	**1,789,800**	**1,955,076**	**2,052,157**	**2,210,249**	**2,397,673**	**2,487,900**
Nonfarm personal income	1,289,809	1,292,699	1,427,253	1,525,091	1,621,248	1,684,409	1,714,361	1,873,016	1,991,889	2,143,777	2,351,508	2,448,044
Farm income[1]	4,488	3,835	1,093	9,047	11,682	10,402	75,439	82,060	60,268	66,472	46,165	39,856
Population (thousands)[2]	130.9	129.9	128.6	129.4	129.4	128.8	301.2	318.8	335.2	345.5	355.7	365.9
Per capita personal income (dollars)	**9,889**	**9,980**	**11,103**	**11,852**	**12,617**	**13,160**	**5,943**	**6,132**	**6,122**	**6,397**	**6,740**	**6,800**
Derivation of total personal income:												
Total earnings by place of work	1,052,744	993,663	1,118,064	1,214,873	1,313,064	1,363,296	1,238,308	1,341,645	1,364,230	1,469,151	1,585,962	1,627,171
Less: Personal contributions for social insurance[3]	64,116	63,022	72,726	79,099	88,973	93,264	61,139	67,735	70,582	75,893	86,583	89,331
Plus: Adjustment for residence	−68,757	−58,479	−73,051	−77,706	−86,168	−95,155	−7,593	−10,795	−10,570	−9,675	−16,756	−20,798
Equals: Net earnings by place of residence	919,871	872,162	972,287	1,058,068	1,137,923	1,174,877	1,169,576	1,263,115	1,283,078	1,383,583	1,482,623	1,517,042
Plus: Dividends, interest, and rent[5]	189,697	199,735	217,968	234,837	237,963	249,316	288,205	321,178	331,656	357,379	389,727	403,028
Plus: Transfer payments	184,729	224,637	238,091	241,233	257,044	270,618	332,019	370,783	437,423	469,287	525,323	567,830
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	878,319	830,538	929,680	1,003,909	1,082,744	1,120,046	942,307	1,033,189	1,047,042	1,122,769	1,233,684	1,264,011
Other labor income	100,488	96,618	110,945	115,437	122,779	126,482	77,784	91,008	95,135	98,196	104,412	107,946
Proprietors' income[6]	73,937	66,507	77,439	95,527	107,541	116,768	218,217	217,448	222,053	248,186	247,866	255,214
Farm	2,907	2,123	−557	7,419	10,033	8,750	46,991	48,626	28,134	34,995	14,212	7,690
Nonfarm	71,030	64,384	77,996	88,108	97,508	108,018	171,226	168,822	193,919	213,191	233,654	247,524
Earnings by industry:												
Farm	4,488	3,835	1,093	9,047	11,682	10,402	75,439	82,060	60,268	66,472	46,165	39,856
Nonfarm	1,048,256	989,828	1,116,971	1,205,826	1,301,382	1,352,894	1,162,869	1,259,585	1,303,962	1,402,679	1,539,797	1,587,315
Private	953,693	882,290	1,002,856	1,084,159	1,169,693	1,211,971	913,434	983,378	1,002,005	1,071,978	1,155,653	1,173,827
Agricultural services, forestry, fisheries, and other[7]	2,111	1,626	2,183	2,156	2,253	2,730	32,241	33,139	32,843	29,805	29,397	31,311
Agricultural services	2,030	1,658	1,939	1,957	2,167	2,615	32,184	33,118	32,714	29,727	29,243	31,147
Forestry, fisheries, and other[7]	81	(L)	244	199	86	115	57	(L)	129	78	154	164
Mining	3,135	2,513	2,390	2,533	3,350	3,303	48,627	49,703	40,478	45,005	47,619	33,942
Coal mining	78	75	87	107	117	121	(L)	(L)	(L)	57	61	62
Oil and gas extraction	2,593	1,994	1,851	1,994	2,620	2,591	46,046	48,129	39,116	(D)	46,214	32,947
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	0	(D)	(D)
Nonmetallic minerals, except fuels	465	451	453	435	609	579	(D)	(D)	(D)	(D)	(D)	(D)
Construction	40,681	37,694	45,042	50,522	57,057	64,615	96,300	105,537	103,330	106,618	109,571	109,938
Manufacturing	514,841	441,444	524,854	571,205	619,270	619,018	125,856	132,373	139,857	149,192	167,001	170,776
Nondurable goods	35,044	34,800	38,734	38,826	39,678	40,847	99,174	104,880	109,601	114,777	118,680	120,751
Food and kindred products	5,997	5,366	6,180	6,043	5,986	6,078	40,834	47,747	48,618	47,988	48,878	51,778
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	2,517	2,146	2,337	2,249	1,856	2,271	36,220	36,106	40,751	44,866	45,023	45,586
Paper and allied products	6,035	6,256	6,820	6,076	6,050	6,450	7,053	(D)	(D)	9,073	9,237	8,148
Printing and publishing	16,250	16,395	17,188	17,130	18,480	18,911	4,201	5,027	5,417	5,934	6,573	6,581
Chemicals and allied products	650	1,194	1,539	(D)	(D)	(D)	(D)	3,099	2,972	2,978	5,397	5,091
Petroleum and coal products	(D)	(D)	(D)	(D)	0	(D)	1,827	2,155	2,198	2,290	2,358	2,362
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	2,981	3,375	4,602	6,586	6,505	6,321	(D)	3,270	674	629	(D)	(D)
Leather and leather products	0	0	0	0	0	0	1,738	(D)	(D)	1,019	(D)	(D)
Durable goods	479,797	406,644	486,120	532,379	579,592	578,171	26,682	27,493	30,256	34,415	48,321	50,025
Lumber and wood products	1,809	1,493	1,505	1,753	1,646	1,732	640	811	1,092	1,294	1,771	1,991
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	83,680	71,258	70,046	71,180	80,346	84,400	0	0	0	0	(D)	(D)
Fabricated metal products	157,192	121,655	175,534	196,618	240,561	244,452	3,804	6,615	5,812	8,512	10,168	8,236
Machinery, except electrical	43,114	39,668	40,339	44,075	43,081	43,758	15,813	13,405	13,355	10,722	11,139	12,577
Electric and electronic equipment	105,186	92,734	102,577	109,850	104,380	101,813	809	(D)	(D)	(D)	12,440	13,375
Transportation equip. exc. motor vehicles	5,399	(D)	(D)	6,568	5,903	5,327	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	4,804	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)
Stone, clay, and glass products	36,612	28,183	31,107	35,978	41,078	41,424	2,703	3,658	3,631	3,845	4,831	4,913
Instruments and related products	30,144	28,706	37,386	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	2,523	2,117	2,893	3,201	2,462	1,922
Transportation and public utilities	83,441	83,370	84,010	88,143	89,498	94,959	62,543	67,471	65,700	71,477	72,683	73,380
Railroad transportation	5,054	4,380	3,881	3,652	3,045	3,315	1,033	716	435	233	(L)	(D)
Trucking and warehousing	23,643	21,334	20,917	22,637	20,901	23,428	24,389	25,561	22,302	26,674	24,753	27,166
Water transportation	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(D)	(D)	(D)	(D)	0
Other transportation[8]	6,449	6,200	5,894	6,331	6,227	(D)	6,447	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	20,759	21,964	22,543	21,379	20,904	20,597
Electric, gas, and sanitary services	9,226	9,966	10,295	11,197	11,771	12,215	9,916	11,255	12,298	13,324	15,687	16,140
Wholesale trade	34,314	34,739	38,222	42,885	45,766	51,211	110,397	116,075	108,240	117,452	118,789	113,650
Retail trade	97,799	97,794	104,776	109,425	115,266	121,512	202,408	214,875	203,369	211,752	231,095	232,249
Finance, insurance, and real estate	41,733	40,098	42,687	43,928	47,489	50,086	42,812	46,424	57,206	64,241	74,154	81,879
Banking and credit agencies	11,757	12,222	12,303	13,650	14,859	15,940	22,190	26,203	30,550	35,173	40,272	44,334
Other finance, insurance, and real estate[9]	29,976	27,876	30,384	30,278	32,630	34,146	20,622	20,221	26,656	29,068	33,882	37,545
Services	135,638	143,012	158,692	173,362	189,744	204,537	192,250	217,781	250,982	276,436	305,344	326,702
Hotels and other lodging places	2,737	2,748	2,523	2,928	3,472	3,416	9,941	9,433	9,598	8,513	8,121	9,012
Personal services	7,880	8,553	9,321	10,216	12,945	13,714	11,765	13,768	14,146	14,905	18,169	18,839
Private households	1,766	1,880	1,941	2,146	2,146	2,197	6,201	6,861	7,311	8,206	8,358	8,699
Business services	15,727	17,327	21,195	24,124	26,677	34,029	23,790	30,509	40,598	45,901	54,281	58,936
Auto repair, services, and garages	6,896	5,800	6,314	7,613	8,133	8,566	15,501	14,638	14,213	15,361	16,108	15,898
Miscellaneous repair services	2,512	2,288	2,880	3,637	3,915	3,913	5,151	5,223	6,308	6,649	5,298	5,370
Amusement and recreation services	2,611	2,944	3,100	3,295	3,563	3,598	2,324	2,156	2,511	3,318	3,864	3,995
Motion pictures	285	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,101
Health services	60,566	68,324	73,076	76,046	81,286	84,736	60,450	75,997	90,272	102,243	113,900	123,680
Legal services	5,114	6,458	6,766	7,706	8,559	9,384	15,728	17,159	19,352	23,064	25,532	28,244
Educational services	1,949	2,130	2,452	2,965	3,402	2,659	2,183	2,631	2,917	3,335	3,648	4,135
Social services	(D)	3,438	3,821	4,020	4,292	4,847	5,716	5,629	6,350	7,223	7,802	8,142
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	272
Membership organizations	8,323	8,651	9,261	9,379	9,638	9,860	12,299	14,564	15,299	16,580	17,398	17,994
Miscellaneous services	15,829	11,851	15,454	18,636	21,009	22,873	20,286	18,172	21,038	19,930	21,504	22,385
Government and government enterprises	94,563	107,538	114,115	121,667	131,689	140,923	249,435	276,207	301,957	330,701	384,144	413,488
Federal, civilian	17,189	17,461	18,126	19,193	20,294	20,377	36,104	36,654	39,160	42,952	49,605	50,684
Military	1,326	1,597	1,811	1,842	1,964	2,014	3,766	5,174	5,725	6,040	6,794	7,369
State and local	76,048	88,480	94,178	100,632	109,431	118,532	209,565	234,379	257,072	281,709	327,745	355,435

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Medford, OR (MSA)						Melbourne—Titusville—Palm Bay, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,231,348**	**1,246,769**	**1,358,199**	**1,484,835**	**1,565,347**	**1,662,794**	**3,110,197**	**3,398,660**	**3,771,255**	**4,227,632**	**4,701,820**	**4,994,518**
Nonfarm personal income	1,212,870	1,229,366	1,344,140	1,464,222	1,542,666	1,634,304	3,099,023	3,385,527	3,755,407	4,212,917	4,686,241	4,979,678
Farm income[1]	18,478	17,403	14,059	20,613	22,681	28,490	11,174	13,133	15,848	14,715	15,579	14,840
Population (thousands)[2]	134.7	134.6	134.7	136.2	138.4	140.0	287.8	302.6	315.5	330.4	347.6	361.2
Per capita personal income (dollars)	**9,144**	**9,263**	**10,081**	**10,899**	**11,308**	**11,880**	**10,807**	**11,230**	**11,953**	**12,797**	**13,528**	**13,827**
Derivation of total personal income:												
Total earnings by place of work	784,528	766,957	842,007	943,884	990,182	1,063,261	2,109,217	2,273,996	2,529,379	2,881,143	3,202,674	3,376,245
Less: Personal contributions for social insurance[3]	46,812	49,510	53,810	60,700	66,292	71,131	110,663	121,136	137,358	159,036	185,074	196,111
Plus: Adjustment for residence	11,456	11,595	12,683	12,105	13,110	11,343	−1,771	328	4,424	6,069	10,445	23,904
Equals: Net earnings by place of residence	749,172	729,042	800,880	895,289	937,000	1,003,473	1,996,783	2,153,188	2,396,445	2,728,176	3,028,045	3,204,038
Plus: Dividends, interest, and rent[5]	248,247	255,838	280,876	307,744	319,582	338,134	545,930	602,646	671,407	763,478	861,070	926,491
Plus: Transfer payments	233,929	261,889	276,443	281,802	308,765	321,187	567,484	642,826	703,403	735,978	812,705	863,989
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	610,193	599,030	650,028	725,697	754,577	799,894	1,797,557	1,959,384	2,165,306	2,476,909	2,751,312	2,884,389
Other labor income	55,444	56,666	62,241	67,782	72,121	76,307	169,082	190,032	213,506	229,278	249,719	264,644
Proprietors' income[6]	118,891	111,261	129,738	150,405	163,484	187,060	142,578	124,580	150,567	174,956	201,643	227,212
Farm	11,293	9,457	6,489	13,192	15,077	20,850	7,783	9,402	12,211	11,128	11,938	11,173
Nonfarm	107,598	101,804	123,249	137,213	148,407	166,210	134,795	115,178	138,356	163,828	189,705	216,039
Earnings by industry:												
Farm	18,478	17,403	14,059	20,613	22,681	28,490	11,174	13,133	15,848	14,715	15,579	14,840
Nonfarm	766,050	749,554	827,948	923,271	967,501	1,034,771	2,098,043	2,260,863	2,513,531	2,866,428	3,187,095	3,361,405
Private	627,243	605,508	681,523	767,985	805,876	864,368	1,711,984	1,840,008	2,067,772	2,389,982	2,691,376	2,833,987
Agricultural services, forestry, fisheries, and other[7]	6,849	4,836	9,258	10,787	7,744	8,508	9,227	10,565	13,944	14,731	17,310	17,766
Agricultural services	3,814	3,808	4,457	4,881	3,800	4,158	8,532	9,113	9,935	(D)	13,340	14,204
Forestry, fisheries, and other[7]	3,035	1,028	4,801	5,906	3,944	4,350	695	1,452	4,009	(D)	3,970	3,562
Mining	4,662	3,606	3,444	3,885	4,404	3,793	8,481	8,452	6,359	7,106	11,725	12,295
Coal mining	(L)	0	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)
Oil and gas extraction	(D)	2,051	1,884	2,095	3,127	3,072	(D)	8,114	5,816	6,327	10,658	10,967
Metal mining	(D)	(L)	(L)	(L)	(L)	60	(L)	(D)	(D)	(D)	(L)	(L)
Nonmetallic minerals, except fuels	1,822	1,586	1,563	1,805	1,256	660	(D)	359	537	772	1,055	1,298
Construction	44,940	39,946	42,996	49,405	54,811	66,570	136,938	122,356	150,376	183,996	216,051	223,736
Manufacturing	162,968	145,805	179,586	213,092	215,916	220,520	562,732	620,183	671,981	712,156	767,229	844,210
Nondurable goods	26,191	26,630	28,912	31,357	31,534	32,259	21,349	24,315	26,992	30,979	32,731	36,634
Food and kindred products	8,116	7,505	7,401	7,211	6,922	6,084	5,599	7,072	6,788	9,026	6,221	5,469
Textile mill products	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	349	(D)	(D)	203	220	278	1,013	1,281	1,512	2,100	2,578	1,725
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	7,569	7,470	8,026	8,749	9,537	10,617	8,839	9,923	11,829	12,579	15,867	19,296
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	3,627	4,079	4,561	4,953	5,167	5,508
Petroleum and coal products	0	0	0	0	(D)	212	197	159	218	394	696	1,468
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	110	158	324	445	595	571	1,819	1,466	1,485	1,725	1,932	2,842
Leather and leather products	0	(D)	(D)	(D)	0	0	0	0	0	0	0	0
Durable goods	136,777	119,175	150,674	181,735	184,382	188,261	541,383	595,868	644,989	681,177	734,498	807,576
Lumber and wood products	114,743	97,338	123,566	145,269	150,872	154,669	2,012	1,583	2,334	2,864	3,485	4,812
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	458	1,342	1,556	1,725	2,420	2,871	2,429
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	5,100	4,136	4,750	7,483	6,529	5,359	8,193	7,129	7,161	8,501	9,923	10,678
Machinery, except electrical	4,182	(D)	(D)	11,469	7,161	6,620	41,828	47,225	46,346	50,989	45,602	57,325
Electric and electronic equipment	4,463	5,188	6,042	8,752	8,918	9,568	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	2,017	2,226	2,556	2,972	3,574	4,004	181,166	212,725	236,724	175,890	193,691	252,789
Motor vehicles and equipment	93	59	177	(D)	(D)	189	5,242	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,868	2,521	2,787	2,414	3,633	4,157	5,614	5,303	5,896	7,489	8,906	8,816
Instruments and related products	(D)	958	1,050	575	844	996	(D)	7,450	6,731	8,007	9,731	10,402
Miscellaneous manufacturing industries	1,867	1,566	1,719	2,208	2,155	2,241	961	1,105	1,248	1,625	1,897	2,954
Transportation and public utilities	60,187	60,595	64,401	73,473	81,117	87,622	122,767	133,248	141,356	155,477	164,413	174,689
Railroad transportation	(D)	2,473	2,424	2,831	2,764	3,069	1,013	964	974	1,139	1,256	1,058
Trucking and warehousing	25,978	26,704	30,887	39,631	41,847	46,700	14,578	14,373	17,624	(D)	(D)	(D)
Water transportation	(L)	(D)	(D)	(D)	(D)	(D)	3,067	4,447	5,124	5,939	7,295	8,064
Other transportation[8]	4,341	3,948	4,254	4,729	5,258	5,767	5,066	6,061	7,779	9,447	9,930	10,900
Communication	17,505	17,692	17,642	17,554	18,515	20,593	79,862	85,540	87,675	91,893	97,257	103,528
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	19,181	21,863	22,180	(D)	(D)	(D)
Wholesale trade	47,655	44,217	42,436	45,161	44,927	46,062	52,891	55,751	57,324	67,966	78,418	81,938
Retail trade	116,280	114,950	128,489	139,707	145,547	157,254	212,039	221,665	258,988	287,616	326,985	350,586
Finance, insurance, and real estate	28,788	26,979	30,447	32,291	33,182	38,923	63,791	52,211	68,872	77,903	87,362	105,745
Banking and credit agencies	14,582	15,528	15,485	16,371	14,972	16,116	25,065	25,093	28,063	31,927	35,183	40,038
Other finance, insurance, and real estate[9]	14,206	11,451	14,962	15,920	18,210	22,807	38,726	27,118	40,809	45,976	52,179	65,707
Services	154,914	164,574	180,466	200,184	218,228	235,116	543,118	615,577	698,572	883,031	1,021,883	1,023,022
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	13,204	14,484	18,378	22,510	23,387	24,802
Personal services	8,428	8,588	9,323	10,205	12,052	12,308	13,914	15,918	19,323	20,670	24,585	27,658
Private households	3,064	3,278	3,382	3,772	3,785	3,891	6,089	6,672	7,094	8,053	8,281	8,700
Business services	14,459	14,791	16,258	19,805	24,711	27,231	96,155	113,306	175,259	314,658	371,454	379,771
Auto repair, services, and garages	9,138	7,591	9,892	12,074	13,310	14,141	14,815	14,531	17,068	21,426	23,418	26,113
Miscellaneous repair services	3,811	3,820	5,071	6,323	5,417	5,432	24,226	24,197	28,299	37,524	38,510	38,629
Amusement and recreation services	4,371	5,224	5,540	6,219	7,408	7,551	5,357	5,755	6,779	6,094	7,120	8,631
Motion pictures	1,468	1,941	1,780	2,324	1,581	1,828	(D)	(D)	(D)	(D)	(D)	(D)
Health services	71,895	80,962	88,151	94,692	99,598	109,149	105,191	122,187	135,154	159,718	197,180	210,519
Legal services	6,745	7,747	7,983	9,392	10,528	11,637	14,431	17,068	19,666	24,400	27,119	30,734
Educational services	1,672	1,782	1,515	2,099	2,387	2,734	12,622	13,485	14,845	17,795	18,696	20,031
Social services	4,583	5,096	5,841	6,598	7,515	8,802	4,729	5,324	6,383	8,337	9,149	10,747
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,154	8,684	9,085	9,772	10,297	9,969	13,488	15,186	17,116	19,615	21,216	21,765
Miscellaneous services	10,815	9,369	10,774	10,930	12,755	14,145	218,185	246,611	232,248	221,163	250,597	213,385
Government and government enterprises	138,807	144,046	146,425	155,286	161,625	170,403	386,059	420,855	445,759	476,446	495,719	527,418
Federal, civilian	35,261	36,449	38,498	41,312	41,947	41,382	147,904	154,829	159,975	169,880	172,059	166,899
Military	1,550	1,975	2,419	2,491	2,755	3,091	66,846	75,977	82,577	87,747	94,604	97,337
State and local	101,996	105,622	105,508	111,483	116,923	125,930	171,309	190,049	203,207	218,819	229,056	263,182

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Memphis, TN—AR—MS (MSA)						Merced, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**9,081,243**	**9,523,454**	**10,224,793**	**11,193,265**	**12,001,163**	**12,837,635**	**1,310,114**	**1,361,987**	**1,419,218**	**1,651,058**	**1,782,169**	**1,954,427**
Nonfarm personal income	9,033,614	9,478,984	10,212,081	11,152,349	11,961,705	12,813,277	1,149,127	1,236,186	1,325,990	1,451,503	1,568,669	1,686,609
Farm income[1]	47,629	44,470	12,712	40,916	39,458	24,358	160,987	125,801	93,228	199,555	213,500	267,818
Population (thousands)[2]	923.7	927.5	932.4	937.8	950.2	959.5	139.9	143.3	148.4	152.9	158.1	163.5
Per capita personal income (dollars)	**9,831**	**10,268**	**10,966**	**11,935**	**12,631**	**13,380**	**9,367**	**9,506**	**9,564**	**10,801**	**11,269**	**11,950**
Derivation of total personal income:												
Total earnings by place of work	7,255,849	7,516,766	8,068,650	8,906,124	9,598,494	10,246,901	878,817	896,609	912,733	1,114,360	1,202,278	1,319,142
Less: Personal contributions for social insurance[3]	437,781	468,835	473,459	518,632	583,626	629,485	39,996	44,259	48,695	54,736	61,377	65,581
Plus: Adjustment for residence	−196,466	−208,832	−239,296	−268,361	−308,464	−312,831	20,611	18,607	25,805	25,067	25,099	38,179
Equals: Net earnings by place of residence	6,621,602	6,839,099	7,355,895	8,119,131	8,706,404	9,304,585	859,432	870,957	889,843	1,084,691	1,166,000	1,291,740
Plus: Dividends, interest, and rent[5]	1,100,640	1,210,535	1,269,998	1,418,480	1,508,075	1,610,182	190,454	201,040	213,282	230,112	239,321	256,634
Plus: Transfer payments	1,359,001	1,473,820	1,598,900	1,655,654	1,786,684	1,922,868	260,228	289,990	316,093	336,255	376,848	406,053
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,075,294	6,298,567	6,744,436	7,423,855	7,962,706	8,472,885	628,401	684,236	713,472	788,565	849,147	894,290
Other labor income	543,214	597,496	646,201	688,390	728,781	781,530	54,342	62,073	67,425	74,240	78,764	82,440
Proprietors' income[6]	637,341	620,703	678,013	793,879	907,007	992,486	196,074	150,300	131,836	251,555	274,367	342,412
Farm	33,998	29,517	−1,674	26,786	25,182	10,005	110,505	66,296	36,185	144,165	158,907	214,390
Nonfarm	603,343	591,186	679,687	767,093	881,825	982,481	85,569	84,004	95,651	107,390	115,460	128,022
Earnings by industry:												
Farm	47,629	44,470	12,712	40,916	39,458	24,358	160,987	125,801	93,228	199,555	213,500	267,818
Nonfarm	7,208,220	7,472,296	8,055,938	8,865,208	9,559,036	10,222,543	717,830	770,808	819,505	914,805	988,778	1,051,324
Private	5,937,335	6,134,163	6,622,947	7,326,210	7,923,813	8,531,118	491,024	524,791	554,521	635,232	689,810	733,551
Agricultural services, forestry, fisheries, and other[7]	18,183*	18,879	23,475	23,940	25,459	28,680*	30,904	33,508	32,760	(D)	(D)	(D)
Agricultural services	17,911*	17,941*	21,589*	22,205*	23,605*	27,866*	(D)	(D)	(D)	(D)	(D)	36,591
Forestry, fisheries, and other[7]	311	(D)	807*	(D)	(D)	846	(D)	(D)	(D)	(D)	(D)	(D)
Mining	21,571	18,155*	15,818*	16,655*	21,324*	20,753*	1,573	1,431	1,377	1,426	1,731	1,637
Coal mining	(D)	1,871	2,115	2,234	2,410	2,531	0	0	0	0	0	0
Oil and gas extraction	15,340*	14,029*	11,088*	11,556*	16,061*	16,593*	1,550	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	−109	(L)	(L)	57	148	(D)	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	397,305	391,190	435,975	508,861	570,114	625,811	35,650	33,612	37,768	(D)	(D)	(D)
Manufacturing	1,327,841	1,288,842	1,303,159	1,403,023	1,449,401	1,483,309	113,677	133,335	157,336	196,701	213,555	216,066
Nondurable goods	752,067	768,183	768,032	788,663	830,672	862,010	92,066	112,900	131,943	161,771	174,574	175,565
Food and kindred products	202,175*	212,877*	205,689*	212,341*	226,101*	221,967*	82,616	100,776	109,391	129,748	145,609	141,926
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,405	4,544	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	131,800*	142,930*	152,657*	163,385*	174,656*	185,397*	(D)	(D)	(D)	3,360	(D)	(D)
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	4,317	4,811	13,722	21,098	22,121	25,681
Chemicals and allied products	153,819*	170,556	178,981	199,185	208,830*	213,743*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	14,509*	15,365	21,656	18,241*	15,273	19,230	0	(L)	104	113	(D)	(D)
Tobacco manufactures	13,974	15,611	15,285	16,152	18,621	13,124	0	0	0	0	0	0
Rubber and misc. plastic products	101,931*	77,703*	42,121*	(D)	(D)	32,063*	(D)	(D)	(D)	(D)	3,588	3,721
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	575,774	520,659	535,127	614,360	618,729	621,299	21,611	20,435	25,393	34,930	38,981	40,501
Lumber and wood products	47,944	40,721*	45,033*	47,559*	49,595*	51,443*	2,800	2,218	2,504	2,630	2,477	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	20,230*	19,048*	0	(L)	0	0	0	0
Fabricated metal products	122,717*	113,301*	103,982*	104,301*	112,889*	114,464*	(D)	7,297	8,941	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	(D)	145,083*	136,938*	2,330	3,382	4,323	6,471	7,700	7,403
Electric and electronic equipment	80,420*	(D)	(D)	(D)	(D)	75,482*	(D)	(D)	(D)	(D)	(D)	1,521
Transportation equip. exc. motor vehicles	(D)	5,321*	(D)	(D)	6,420	(D)	1,340	1,317	1,949	2,782	5,266	7,220
Motor vehicles and equipment	33,713*	36,774*	42,283*	(D)	58,080*	57,983*	3,832	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	23,737*	27,268*	(D)	(D)	1,043	1,339	2,122	2,368	1,650	1,048
Instruments and related products	20,818*	24,160*	26,378*	29,144*	34,469	42,473	(D)	(L)	0	0	0	0
Miscellaneous manufacturing industries	20,183*	19,560*	23,057*	27,943*	19,116*	20,231*	(D)	(D)	(D)	105	102	110
Transportation and public utilities	728,439	750,119	811,068	918,266	1,027,112	1,124,921	53,759	54,373	53,797	55,950	57,560	58,494
Railroad transportation	(D)	74,382	72,374	(D)	(D)	(D)	2,318	1,947	1,697	1,666	852	192
Trucking and warehousing	273,462	267,294	267,396	299,579	311,504	305,424	22,924	26,102	26,598	31,310	31,420	32,261
Water transportation	12,116	(D)	9,872*	10,399*	9,545*	8,972*	(D)	(D)	(D)	(D)	(L)	(L)
Other transportation[8]	237,194*	265,197*	325,944*	(D)	(D)	(D)	(D)	2,196	2,391	(D)	(D)	(D)
Communication	103,061*	112,125*	114,709*	106,988*	118,447*	122,817	(D)	12,965	11,095	6,928	6,386	6,511
Electric, gas, and sanitary services	(D)	11,800*	12,661*	14,238*	17,033*	18,645	11,210	(D)	(D)	(D)	(D)	(D)
Wholesale trade	760,588	807,633	832,685	928,784	1,004,747	1,061,142	27,240	28,486	23,410	30,215	33,866	35,233
Retail trade	801,452	817,810	915,300	978,535	1,055,790	1,135,163	88,314	90,298	99,810	105,846	115,634	127,894
Finance, insurance, and real estate	391,856*	410,710*	508,540*	575,196*	625,142*	742,337*	38,525	41,178	35,003	38,405	41,827	48,204
Banking and credit agencies	136,505*	152,509*	186,530*	226,298*	235,540*	283,171*	10,604	11,509	11,974	13,095	12,970	12,699
Other finance, insurance, and real estate[9]	253,949*	255,443*	319,569*	343,797*	376,080*	448,170*	27,921	29,669	23,029	25,310	28,857	35,505
Services	1,483,480	1,624,760	1,769,258	1,964,829	2,135,556	2,297,406	101,382	108,570	113,260	126,131	139,318	153,197
Hotels and other lodging places	119,653*	126,299*	130,991*	146,000*	147,558*	154,997*	1,631	1,564	1,689	1,493	1,158	1,289
Personal services	67,760	71,980	82,150	89,957	105,141	119,536	5,927	6,393	7,506	8,159	9,373	11,297
Private households	52,300	56,162	58,441	65,216	64,487*	66,481*	4,315	4,706	4,976	5,614	5,742	6,020
Business services	215,953	254,622	293,468	338,290	384,617	421,524	8,572	10,416	10,403	12,685	16,115	20,628
Auto repair, services, and garages	62,524	62,195	70,807	83,082	91,984	97,800	9,565	9,746	10,400	11,200	11,717	12,487
Miscellaneous repair services	27,942	27,328*	30,947*	39,935	35,472	39,436	4,075	4,095	3,835	4,917	4,521	4,497
Amusement and recreation services	23,766*	25,351*	27,566*	34,532	38,028	(D)	1,509	1,612	1,661	1,782	2,031	2,289
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	475	484	537	727	796	775
Health services	571,384	658,101	716,002	769,097	825,120	880,949	36,682	41,478	44,308	48,079	53,221	57,694
Legal services	75,199	82,411	91,552	109,429	120,712	135,763	5,424	5,968	6,615	7,181	7,911	8,542
Educational services	41,754*	44,145*	45,393*	51,329*	56,636*	61,812*	880	970	1,057	1,159	1,234	1,343
Social services	24,382*	24,086*	25,645*	30,561*	37,036*	38,558*	3,497	3,446	3,504	4,377	4,582	5,125
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	54,141	58,801	60,688	62,449	65,664	66,110	6,684	7,654	8,347	8,820	9,331	9,433
Miscellaneous services	129,947	116,719	117,183	129,836	149,414	163,456	12,146	10,038	8,422	9,938	11,586	11,778
Government and government enterprises	1,270,885	1,338,133	1,432,991	1,538,998	1,635,223	1,691,425	226,806	246,017	264,984	279,573	298,968	317,773
Federal, civilian	379,102	384,290	422,313	427,608	463,587	454,787	21,452	22,162	23,208	24,308	25,337	25,517
Military	175,043	197,203	200,790	209,238	212,510	203,590	83,233	92,612	101,585	105,326	110,440	112,054
State and local	716,740	756,640	809,888	902,152	959,126	1,033,048	122,121	131,243	140,191	149,939	163,191	180,202

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Miami—Hialeah, FL (PMSA)						Middlesex—Somerset—Hunterdon, NJ (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**18,678,229**	**19,794,006**	**21,016,112**	**22,686,614**	**24,408,403**	**26,299,626**	**12,642,465**	**13,777,809**	**15,236,397**	**16,954,528**	**18,556,633**	**20,086,871**
Nonfarm personal income	18,594,263	19,689,966	20,859,634	22,549,667	24,254,325	26,131,907	12,596,083	13,726,380	15,175,664	16,889,696	18,484,623	20,012,119
Farm income[1]	83,966	104,040	156,478	136,947	154,078	167,719	46,382	51,429	60,733	64,832	72,010	74,752
Population (thousands)[2]	1,703.0	1,712.4	1,722.5	1,729.9	1,744.5	1,769.5	892.1	897.9	908.6	917.7	931.1	950.1
Per capita personal income (dollars)	**10,968**	**11,559**	**12,201**	**13,115**	**13,992**	**14,863**	**14,171**	**15,344**	**16,769**	**18,475**	**19,929**	**21,142**
Derivation of total personal income:												
Total earnings by place of work	14,447,667	15,045,698	16,188,166	17,342,216	18,685,321	19,967,996	8,778,556	9,496,037	10,202,357	11,368,185	12,569,039	13,906,797
Less: Personal contributions for social insurance[3]	746,252	786,847	855,392	926,081	1,045,236	1,127,942	515,802	562,985	606,530	683,511	790,580	884,562
Plus: Adjustment for residence	−1,583,196	−1,594,384	−1,836,658	−1,799,866	−1,919,642	−1,857,695	1,351,078	1,472,993	1,950,671	2,141,518	2,365,633	2,390,997
Equals: Net earnings by place of residence	12,118,219	12,664,467	13,496,116	14,616,269	15,720,443	16,982,359	9,613,832	10,406,045	11,546,498	12,826,192	14,144,092	15,413,232
Plus: Dividends, interest, and rent[5]	3,900,144	4,242,252	4,425,425	4,828,945	5,181,556	5,540,084	1,861,280	2,070,817	2,277,169	2,680,898	2,833,686	3,025,706
Plus: Transfer payments	2,659,866	2,887,287	3,094,571	3,241,400	3,506,404	3,777,183	1,167,353	1,300,947	1,412,730	1,447,438	1,578,855	1,647,933
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	12,212,957	12,842,844	13,650,420	14,602,085	15,682,115	16,681,645	7,312,327	7,919,237	8,448,196	9,470,464	10,495,310	11,603,606
Other labor income	1,117,622	1,234,778	1,332,101	1,362,315	1,435,385	1,512,985	894,155	995,956	1,043,013	1,078,299	1,146,719	1,247,783
Proprietors' income[6]	1,117,088	968,076	1,205,645	1,377,816	1,567,821	1,773,366	572,074	580,844	711,148	819,422	927,010	1,055,408
Farm	55,382	70,740	124,093	105,054	121,756	135,389	35,846	40,524	50,278	54,645	61,777	64,467
Nonfarm	1,061,706	897,336	1,081,552	1,272,762	1,446,065	1,637,977	536,228	540,320	660,870	764,777	865,233	990,941
Earnings by industry:												
Farm	83,966	104,040	156,478	136,947	154,078	167,719	46,382	51,429	60,733	64,832	72,010	74,752
Nonfarm	14,363,701	14,941,658	16,031,688	17,205,269	18,531,243	19,800,277	8,732,174	9,444,608	10,141,624	11,303,353	12,497,029	13,832,045
Private	12,585,027	13,002,731	13,877,052	14,864,011	15,969,745	17,060,175	7,739,112	8,343,959	8,973,572	10,026,837	11,127,622	12,357,328
Agricultural services, forestry, fisheries, and other[7]	57,631	63,126	68,989	74,440	81,367	85,327	27,770	30,834	33,861	37,404	43,852	53,815
Agricultural services	55,470	61,182	65,241	71,391	76,152	79,618	27,665	30,843	33,472	37,089	43,542	53,437
Forestry, fisheries, and other[7]	2,161	1,944	3,748	3,049	5,215	5,709	105	(L)	389	315	310	378
Mining	83,529	93,202	82,329	83,456	107,626	104,053	35,381	31,814	31,241	36,571	48,095	51,547
Coal mining	(L)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	64,862	78,024	66,417	65,924	88,368	83,356	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	15,110	15,820	17,398	19,162	20,604	9,671*	9,935*	12,698*	14,379*	15,872*	(D)
Construction	963,219	926,490	946,712	977,967	1,000,503	1,064,053	438,001	452,667	514,493	653,376	738,374	843,430
Manufacturing	1,548,686	1,563,225	1,629,012	1,759,632	1,786,493	1,867,899	3,073,084	3,148,083	3,249,539	3,405,780	3,564,215	3,781,765
Nondurable goods	808,243	830,661	880,939	941,924	960,067	1,006,801	1,565,690	1,725,601	1,818,272	1,904,164	2,023,946	2,034,141
Food and kindred products	121,235	131,370	142,316	131,683	133,994	142,730	134,133	148,039	158,563	165,747	184,648	206,832
Textile mill products	30,302	24,780	30,304	31,362	30,646	33,488	13,170*	12,709*	(D)	8,857*	20,732*	22,311*
Apparel and other textile products	207,167	202,274	208,259	219,215	208,265	215,725	44,540*	44,977*	49,853*	51,581	51,902	48,784*
Paper and allied products	31,610	31,721	34,595	39,304	44,201	46,555	215,198*	248,960	309,714	290,222*	276,743*	247,851
Printing and publishing	198,974	217,262	236,434	275,078	305,312	333,281	103,400	118,823	140,561	164,648	187,126	198,420
Chemicals and allied products	68,067	84,033	91,288	100,777	104,819	118,715	778,789	864,749	857,427	914,249	985,012	1,003,710
Petroleum and coal products	7,612	7,460	7,532	9,096	9,418	10,677	122,092	120,318	111,955	97,708	99,538	101,372*
Tobacco manufactures	5,394	5,459	6,495	7,761	6,428	2,054	5,410	5,470	4,892	5,098	4,995	4,183
Rubber and misc. plastic products	107,225	98,267	96,165	99,744	92,024	83,820	120,738	153,003	167,369	182,607	191,321	195,710
Leather and leather products	30,657	28,035	27,551	27,904	24,960	19,756	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	740,443	732,564	748,073	817,708	826,426	861,098	1,507,394	1,422,482	1,431,267	1,501,616	1,540,269	1,747,624
Lumber and wood products	42,945	33,207	39,807	47,596	55,835	57,908	(D)	(D)	(D)	26,576	33,812	43,877
Furniture and fixtures	59,962	57,576	61,223	64,052	65,294	67,281	6,862*	8,230	9,115	12,879	15,835*	22,974*
Primary metal industries	22,920	24,226	28,282	32,466	28,186	32,448	188,136*	199,436	217,461	221,821	218,393	229,053
Fabricated metal products	143,295	124,845	127,530	135,405	142,244	145,471	165,231	163,474	148,409	155,301	168,190	176,852
Machinery, except electrical	114,374	138,583	116,868	134,402	143,716	118,926	283,904	253,459*	(D)	231,377	233,942	(D)
Electric and electronic equipment	114,013	114,204	123,575	139,261	149,140	160,104	235,807	261,173	282,207	312,053	314,413	356,447
Transportation equip. exc. motor vehicles	75,174	82,425	92,108	88,207	78,293	108,318	(D)	4,643	3,984	(D)	(D)	(D)
Motor vehicles and equipment	3,447	4,330	6,272	5,843	5,673	6,213	115,736	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	76,574	74,125	82,039	91,622	81,937	83,955	108,089	74,619	75,039	88,641	94,409	97,314
Instruments and related products	46,356	42,459	33,337	35,540	35,920	38,548	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	41,383	36,584	37,032	43,314	40,188	41,926	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	2,047,694	2,132,721	2,154,633	2,150,182	2,260,746	2,334,677	1,085,573	1,224,580	1,185,208	1,212,436	1,367,389	1,489,707
Railroad transportation	31,076	32,260	35,299	36,144	33,818	31,629	(D)	(D)	9,505*	9,506*	8,740*	8,841*
Trucking and warehousing	174,926	174,640	179,629	206,385	211,157	232,071	(D)	237,639	237,345	272,819	291,557	339,453
Water transportation	83,401	92,725	88,386	90,792	97,311	99,414	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	456,607	465,483	446,503	449,659	430,370	664,171*	(D)	(D)	730,301	830,988	899,425
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	66,048	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,367,935	1,383,534	1,397,086	1,478,151	1,629,551	1,714,323	757,743	824,053	855,674	1,022,690	1,195,638	1,302,040
Retail trade	1,695,014	1,727,123	1,870,230	1,988,135	2,134,067	2,240,036	740,742	814,367	905,549	977,716	1,098,970	1,231,354
Finance, insurance, and real estate	1,134,704	1,163,630	1,366,059	1,454,909	1,637,303	1,835,589	303,485	348,307	489,720	591,668	678,721	936,622
Banking and credit agencies	415,486	462,000	528,855	573,817	638,558	716,189	88,780*	108,831*	163,486*	186,198*	(D)	(D)
Other finance, insurance, and real estate[9]	719,218	701,630	837,204	881,092	998,745	1,119,400	200,977*	227,313*	292,167*	369,380*	(D)	(D)
Services	3,686,615	3,949,680	4,362,002	4,897,139	5,332,089	5,814,218	1,277,333	1,469,254	1,708,287	2,089,196	2,392,368	2,667,048
Hotels and other lodging places	(D)	217,677	234,918	253,285	247,525	275,928	17,266	21,094	22,984	35,148	42,913	48,871
Personal services	123,940	127,790	139,382	149,829	169,330	183,282	50,816	53,918	63,585	71,727	83,436	92,500
Private households	114,781	126,209	134,261	152,900	157,337	165,511	21,860	23,437	24,409	27,211	27,390	28,275
Business services	540,308	564,239	644,091	724,777	792,163	874,987	397,940	502,474	633,911	864,002	1,046,219	1,142,317
Auto repair, services, and garages	163,279	166,121	175,258	192,975	209,756	218,897	58,266	58,647	61,339	70,967	75,089	83,200
Miscellaneous repair services	66,364	69,451	72,986	83,126	73,885	84,030	34,859	40,907	41,801	44,614	45,068	47,093
Amusement and recreation services	126,246	129,802	146,774	156,293	171,387	181,817	24,167	23,181	20,555	23,900	26,923	32,906
Motion pictures	19,721	13,244	13,736	(D)	21,423	23,220	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,097,363	1,262,906	1,389,132	1,507,871	1,626,468	1,737,724	377,530	432,855	484,687	539,371	587,096	657,989
Legal services	387,292	457,597	520,234	623,880	713,199	815,920	77,985	86,134	101,136	120,112	136,292	159,424
Educational services	200,170	213,042	230,906	254,194	276,191	294,061	28,219	32,351	34,801	38,891	41,629	44,506
Social services	56,372	63,270	71,771	79,711	90,533	101,938	23,836	20,912	30,315	34,117	39,737	46,052
Museums, botanical, zoological gardens	(D)	726	753	(D)	1,016	1,134	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	105,151	114,022	127,944	154,731	163,407	168,254	54,254	58,642	63,058	69,686	73,047	77,668
Miscellaneous services	463,969	423,584	459,856	544,949	618,469	687,515	106,088	109,602	120,178	143,236	161,556	199,249
Government and government enterprises	1,778,674	1,938,927	2,154,636	2,341,258	2,561,498	2,740,102	993,062	1,100,649	1,168,052	1,276,516	1,369,407	1,474,717
Federal, civilian	374,590	388,177	432,205	465,628	507,293	518,987	120,213	125,605	131,129	141,481	156,509	168,569
Military	113,411	132,468	138,784	119,112	147,834	165,544	12,894	13,708	17,400	22,318	22,731	25,428
State and local	1,290,673	1,418,282	1,583,647	1,756,518	1,906,371	2,055,571	859,955	961,336	1,019,523	1,112,717	1,190,167	1,280,720

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Midland, TX (MSA)						Milwaukee, WI (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,458,604**	**1,618,283**	**1,589,638**	**1,713,309**	**1,923,279**	**1,842,410**	**16,854,544**	**17,713,053**	**18,324,918**	**19,906,687**	**20,900,600**	**22,067,731**
Nonfarm personal income	1,454,088	1,615,767	1,588,082	1,709,146	1,918,642	1,839,272	16,789,195	17,650,174	18,277,103	19,850,845	20,835,658	21,993,037
Farm income[1]	4,516	2,516	1,556	4,163	4,637	3,138	65,349	62,879	47,815	55,842	64,942	74,694
Population (thousands)[2]	88.8	98.3	106.5	106.0	108.5	111.3	1,396.8	1,394.4	1,382.9	1,377.8	1,379.7	1,379.7
Per capita personal income (dollars)	**16,434**	**16,460**	**14,932**	**16,163**	**17,719**	**16,557**	**12,066**	**12,703**	**13,251**	**14,449**	**15,149**	**15,994**
Derivation of total personal income:												
Total earnings by place of work	1,290,945	1,435,685	1,361,177	1,442,111	1,601,087	1,469,606	13,041,632	13,373,047	13,676,059	15,008,083	15,818,297	16,721,573
Less: Personal contributions for social insurance[3]	65,972	75,502	72,920	76,622	88,759	81,931	818,379	870,010	864,899	952,269	1,048,569	1,122,310
Plus: Adjustment for residence	−81,114	−93,833	−82,721	−83,382	−84,455	−67,283	−429,318	−446,045	−461,482	−506,787	−563,325	−560,708
Equals: Net earnings by place of residence	1,143,859	1,266,350	1,205,536	1,282,107	1,427,873	1,320,392	11,793,935	12,056,992	12,349,678	13,549,027	14,206,403	15,038,555
Plus: Dividends, interest, and rent[4]	244,482	270,482	283,674	326,131	378,456	392,340	2,727,703	2,961,193	3,081,648	3,449,543	3,589,107	3,774,597
Plus: Transfer payments	70,263	81,451	100,428	105,071	116,950	129,678	2,332,906	2,694,868	2,893,592	2,908,117	3,105,090	3,254,579
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,023,655	1,194,657	1,120,495	1,147,956	1,226,463	1,098,041	11,078,784	11,381,441	11,557,864	12,699,967	13,360,686	14,070,716
Other labor income	100,361	120,803	113,055	111,974	116,409	103,754	1,164,332	1,221,731	1,248,796	1,316,820	1,355,334	1,417,102
Proprietors' income[5]	166,929	120,225	127,627	182,181	258,215	267,811	798,516	769,875	869,399	991,296	1,102,277	1,233,755
Farm	3,440	1,257	339	2,963	3,423	1,922	54,363	50,412	35,763	44,016	52,923	62,587
Nonfarm	163,489	118,968	127,288	179,218	254,792	265,889	744,153	719,463	833,636	947,280	1,049,354	1,171,168
Earnings by industry:												
Farm	4,516	2,516	1,556	4,163	4,637	3,138	65,349	62,879	47,815	55,842	64,942	74,694
Nonfarm	1,286,429	1,433,169	1,359,621	1,437,948	1,596,450	1,466,468	12,976,283	13,310,168	13,628,244	14,952,241	15,753,355	16,646,879
Private	1,206,136	1,335,839	1,247,700	1,320,408	1,469,231	1,334,927	11,608,806	11,698,655	11,978,859	13,181,725	13,888,315	14,699,424
Agricultural services, forestry, fisheries, and other[7]	2,095	3,307	4,140	3,430	2,971	3,056	29,180	29,568	33,433	38,586	38,577	42,673
Agricultural services	2,035	3,283	4,003	3,376	2,817	2,887	28,759	29,467	32,317	37,696	37,640	41,556
Forestry, fisheries, and other[7]	60	(L)	137	54	154	169	421	101	1,116	890	937	1,117
Mining	408,071	468,984	430,400	451,059	499,496	429,452	49,088	43,788	36,848	38,922	52,697	53,881
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	468,953	430,297	450,913	499,378	(D)	38,086*	33,962*	27,076*	(D)	41,350*	41,444*
Metal mining	(L)	0	0	0	0	0	(D)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(L)	97	137	108	(D)	(D)	7,174*	7,683*	(D)	8,052*	9,103*
Construction	111,189	126,703	104,052	91,763	87,697	69,181	587,619	531,420	562,428	646,052	680,877	772,525
Manufacturing	108,629	113,032	94,286	102,640	112,403	99,656	4,836,669	4,603,260	4,454,138	4,978,464	5,027,935	5,140,427
Nondurable goods	17,222	17,986	19,286	19,599	18,946	21,506	1,076,284	1,102,844	1,125,476	1,193,333	1,225,878	1,318,940
Food and kindred products	1,948	2,813	2,863	2,300	1,153	1,030	438,199	434,767*	410,255*	414,096	395,978	413,661
Textile mill products	0	0	0	0	0	0	7,763*	9,066	10,908	11,605*	10,521*	11,211*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	22,739*	23,490*	25,414*	27,423*	28,722*
Paper and allied products	(D)	0	0	0	0	0	95,810	90,159*	92,811*	103,128*	100,985*	111,579*
Printing and publishing	4,368	6,747	7,249	6,930	7,281	6,749	268,877	290,779	315,830	330,443*	354,932*	395,761*
Chemicals and allied products	625	(D)	(D)	1,765	2,218	2,815	84,484*	85,974	90,845	100,846	114,990	119,763
Petroleum and coal products	3,922	5,121	5,478	6,621	7,349	7,200	5,130	4,591	4,555	4,606	4,174	3,916
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	0	0
Rubber and misc. plastic products	3,139	2,188	1,819	(D)	(D)	(D)	78,097*	78,889*	83,187*	107,316*	121,212	133,002
Leather and leather products	0	0	0	0	0	0	69,603*	(D)	(D)	(D)	(D)	(D)
Durable goods	91,407	95,046	75,000	83,041	93,457	78,150	3,760,385	3,500,416	3,328,662	3,785,131	3,802,057	3,821,487
Lumber and wood products	1,687	629	1,205	1,321	1,053	(D)	16,230	(D)	(D)	19,089	20,421	22,842
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	29,150*	26,537	25,850	27,300*	27,822*	32,941*
Primary metal industries	0	(D)	(D)	242	(D)	(D)	301,373	237,992	207,049	237,058	225,295	221,308
Fabricated metal products	3,634	4,626	3,193	4,286	4,712	(D)	616,050	557,843	537,234	595,126	601,350	601,915
Machinery, except electrical	70,501	63,380	38,526	36,802	38,350	22,548	1,470,239	1,336,109	1,135,113	1,367,406	1,361,655	1,393,102
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	807,296	813,131	826,878	910,279	924,637	898,809
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	76,876*	67,489*	69,167*	73,802*	49,222*	48,036*
Motor vehicles and equipment	0	0	0	0	0	0	256,917*	255,013*	318,896*	329,420*	339,219*	335,284*
Stone, clay, and glass products	(D)	(D)	(D)	2,870	2,234	3,324	34,471	34,662	35,028	39,470	39,262	46,372
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	91,417*	(D)	(D)	89,966*	119,990*	121,883*
Miscellaneous manufacturing industries	1,574	2,026	2,621	3,460	4,121	4,316	56,486	57,430	61,118	68,536	68,586	71,715
Transportation and public utilities	110,100	68,999	53,381	101,522	164,683	161,869	861,875	914,140	926,638	983,765	1,068,015	1,101,155
Railroad transportation	0	0	0	0	0	0	(D)	73,807	64,959	66,018	60,401	55,466
Trucking and warehousing	(D)	16,470	14,459	16,730	14,690	12,846	276,505	270,698	277,665	329,526	341,887	(D)
Water transportation	0	0	0	0	0	0	4,479*	4,361*	4,965*	(D)	(D)	5,725*
Other transportation[8]	19,111	19,344	18,600	15,856	16,405	16,381	114,479*	(D)	(D)	(D)	(D)	(D)
Communication	(D)	30,046	28,861	25,176	30,807	32,020	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	48,729	3,139	−8,539	43,760	102,781	100,622	(D)	(D)	(D)	184,694*	228,568*	(D)
Wholesale trade	86,005	99,152	84,381	80,967	85,994	75,330	944,672	969,134	972,704	1,089,763	1,145,221	1,184,463
Retail trade	114,556	132,441	140,650	141,556	141,361	130,323	1,056,679	1,089,832	1,167,154	1,221,772	1,311,991	1,396,164
Finance, insurance, and real estate	58,531	77,583	85,957	85,331	89,659	87,167	808,463	854,780	973,205	1,029,103	1,120,597	1,275,908
Banking and credit agencies	24,518	38,903	45,322	42,105	43,865	42,289	247,769	275,549	303,598	323,824*	363,450*	388,025
Other finance, insurance, and real estate[9]	34,013	38,680	40,635	43,226	45,794	44,878	560,694	579,231	669,607	681,228*	732,163*	887,883
Services	206,960	245,638	250,453	262,140	284,967	278,893	2,434,561	2,662,733	2,852,311	3,155,298	3,442,405	3,732,228
Hotels and other lodging places	(D)	4,174	3,830	3,220	4,078	4,267	38,312	43,336	49,083	49,372	47,682	46,097
Personal services	10,624	12,035	14,335	13,608	15,756	16,259	118,085	123,812	129,954	138,094	159,055	167,050
Private households	12,832	14,293	15,255	17,214	17,536	18,295	26,255	28,176	29,150	32,450	32,464	33,316
Business services	62,189	83,050	82,665	83,245	97,165	91,561	396,763	444,998	505,827	618,412	756,802	848,200
Auto repair, services, and garages	11,552	12,067	12,552	12,598	12,854	12,899	69,504	71,883	77,585	92,049	101,767	107,116
Miscellaneous repair services	5,915	7,032	6,866	7,030	6,611	6,019	35,656	35,976	38,669	44,418	39,814	39,889
Amusement and recreation services	6,695	7,400	7,658	8,337	8,673	7,462	57,767	65,437	70,136	74,728	80,258	78,145
Motion pictures	363	(D)	(D)	(D)	(D)	(D)	6,955	6,768*	6,986*	8,191*	8,459*	8,202*
Health services	20,867	25,541	29,734	33,314	36,848	38,512	999,098	1,110,538	1,162,136	1,207,098	1,248,454	1,355,270
Legal services	18,355	22,009	23,652	27,562	27,730	28,358	179,404	202,638	223,979	262,884	292,462	318,709
Educational services	1,475	1,783	2,000	2,240	2,297	2,448	132,011*	152,664	167,232	189,526	201,138	213,846
Social services	1,685	2,065	2,517	2,690	3,023	4,080	94,583	98,420	98,770	111,334	122,582	133,813
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	1,136*	1,299*	1,511*	1,752*	2,115*	2,229*
Membership organizations	6,002	7,370	8,021	8,116	8,792	8,955	97,386	104,491	110,250	117,073	119,324	122,262
Miscellaneous services	43,885	46,315	40,909	42,352	42,843	38,878	178,581	172,130	180,829	207,601	229,755	257,819
Government and government enterprises	80,293	97,330	111,921	117,540	127,219	131,541	1,367,477	1,611,513	1,649,385	1,770,516	1,865,040	1,947,455
Federal, civilian	12,896	13,433	14,341	15,877	17,170	16,722	247,997	260,618	271,758	281,368	298,163	294,248
Military	1,068	1,554	1,751	1,720	1,980	2,121	33,186	35,325	44,052	56,212	63,818	67,853
State and local	66,329	82,343	95,829	99,943	108,069	112,698	1,086,294	1,315,570	1,333,575	1,432,936	1,503,059	1,585,354

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Minneapolis—St. Paul, MN—WI (MSA)						Mobile, AL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**27,226,134**	**29,149,619**	**31,042,157**	**34,493,543**	**37,118,311**	**39,599,379**	**3,993,183**	**4,148,267**	**4,354,916**	**4,635,516**	**4,950,095**	**5,233,873**
Nonfarm personal income	27,090,631	29,047,375	30,979,240	34,365,499	36,987,100	39,413,628	3,953,984	4,108,715	4,299,362	4,593,448	4,897,080	5,182,583
Farm income[1]	135,503	102,244	62,917	128,044	131,211	185,751	39,199	39,552	55,554	42,068	53,015	51,290
Population (thousands)[2]	2,167.7	2,192.3	2,206.2	2,227.3	2,261.8	2,295.2	446.2	455.6	457.5	460.4	464.6	470.0
Per capita personal income (dollars)	**12,560**	**13,296**	**14,070**	**15,487**	**16,411**	**17,253**	**8,949**	**9,104**	**9,519**	**10,069**	**10,655**	**11,135**
Derivation of total personal income:												
Total earnings by place of work	22,023,446	23,188,669	24,861,975	27,885,999	30,212,196	32,282,866	2,833,126	2,843,991	2,963,198	3,166,059	3,453,246	3,608,425
Less: Personal contributions for social insurance[3]	1,453,737	1,566,802	1,694,391	1,884,566	2,130,522	2,298,547	166,360	174,673	179,064	195,751	220,405	221,217
Plus: Adjustment for residence	−406,583	−418,729	−475,266	−577,450	−636,595	−599,690	120,908	148,513	163,233	154,430	148,434	149,856
Equals: Net earnings by place of residence	20,163,126	21,203,138	22,692,318	25,423,983	27,445,079	29,384,629	2,787,674	2,817,831	2,947,367	3,124,738	3,381,275	3,537,064
Plus: Dividends, interest, and rent[5]	4,007,911	4,526,534	4,671,930	5,222,024	5,567,559	5,879,425	554,581	603,421	609,533	675,638	675,871	768,648
Plus: Transfer payments	3,055,097	3,419,947	3,677,909	3,847,536	4,105,673	4,335,325	650,928	727,015	798,016	835,140	892,949	928,161
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	18,642,257	19,704,682	21,085,333	23,647,960	25,565,591	27,208,417	2,323,698	2,344,712	2,405,649	2,580,856	2,792,550	2,905,353
Other labor income	1,895,983	2,072,920	2,219,217	2,372,515	2,556,766	2,701,982	231,684	242,164	245,218	251,002	267,008	273,623
Proprietors' income[6]	1,485,206	1,411,067	1,557,425	1,865,524	2,089,839	2,372,467	277,744	257,115	312,331	334,201	393,688	429,449
Farm	103,020	66,625	28,760	94,688	97,026	151,427	29,341	27,867	44,344	31,101	41,836	40,134
Nonfarm	1,382,186	1,344,442	1,528,665	1,770,836	1,992,813	2,221,040	248,403	229,248	267,987	303,100	351,852	389,315
Earnings by industry:												
Farm	135,503	102,244	62,917	128,044	131,211	185,751	39,199	39,552	55,554	42,068	53,015	51,290
Nonfarm	21,887,943	23,086,425	24,799,058	27,757,955	30,080,985	32,097,115	2,793,927	2,804,439	2,907,644	3,123,991	3,400,231	3,557,135
Private	19,154,855	20,119,944	21,616,572	24,280,491	26,327,825	28,115,894	2,391,382	2,388,607	2,466,537	2,648,190	2,868,342	2,983,113
Agricultural services, forestry, fisheries, and other[7]	67,282	64,677	71,817	75,523	77,911	86,392	33,491	28,853	34,583	30,265	35,874	32,766
Agricultural services	(D)	(D)	62,515*	67,501*	(D)	83,591*	8,157	7,899	8,706	8,918	8,500	9,188
Forestry, fisheries, and other[7]	1,001*	(D)	(D)	(D)	(D)	(D)	25,334	20,954	25,877	21,347	27,374	23,578
Mining	84,454	83,196	75,757	82,106	109,376	107,748	33,902	33,400	27,846	30,551	31,508	26,348
Coal mining	(D)	138	187	191	129*	132*	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	62,258*	85,531*	84,185*	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,276,687	1,271,934	1,370,215	1,632,170	1,795,705	1,997,584	227,358	207,039	226,122	249,116	304,416	272,274
Manufacturing	6,027,699	6,333,340	6,694,934	7,542,696	8,006,233	8,280,601	702,740	666,969	635,424	664,961	688,789	715,352
Nondurable goods	2,156,653	2,315,659	2,477,646	2,701,851*	2,875,881*	3,035,230	421,942	413,315	427,067	450,605	469,001	474,852
Food and kindred products	470,299*	(D)	(D)	(D)	573,223*	609,425*	31,446	32,166	32,056	33,583	35,307	38,650
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)	13,507	14,575	16,595	18,421	18,929	20,531
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	213,593*	217,419*	233,793*	242,639*	251,823*	240,791*
Printing and publishing	516,661*	563,544*	606,766*	681,057*	735,800*	794,133*	16,337	16,114	17,821	20,171	22,578	24,386
Chemicals and allied products	142,266*	151,465*	169,596*	191,827*	202,292*	229,434*	121,973	108,210	99,020	106,490	108,899	118,059
Petroleum and coal products	55,457	62,487	70,547	70,238*	70,946	71,417	12,686	12,080	12,380	13,340	14,382	15,169
Tobacco manufactures	60	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	(D)	(D)
Rubber and misc. plastic products	(D)	142,360*	156,860*	(D)	(D)	(D)	(D)	6,177*	6,930*	7,509*	8,399*	7,583*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	3,871,046	4,017,681	4,217,288	4,811,178*	5,099,783*	5,245,371	280,798	253,654	208,357	214,356	219,788	240,500
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	38,071	32,381	36,936	38,364	40,970	40,401
Furniture and fixtures	(D)	29,368*	31,796*	38,965*	(D)	50,860*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	117,508*	(D)	(D)	150,556*	135,783*	146,183*	(D)	(D)	(D)	5,232	(D)	8,707*
Fabricated metal products	731,557*	752,428*	779,431*	863,562*	911,421	869,248	27,587*	26,202*	21,199*	21,565*	22,379	19,942
Machinery, except electrical	1,615,715*	1,699,841	1,768,066	(D)	(D)	(D)	16,656	16,584	14,934	17,768	18,293	18,114
Electric and electronic equipment	389,174*	418,349*	419,264*	435,057*	474,242*	427,831*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	148,682	125,758	76,769	73,940	79,995	92,644
Motor vehicles and equipment	78,200*	(D)	(D)	(D)	(D)	(D)	3,515	(D)	(D)	4,917*	4,092*	4,045*
Stone, clay, and glass products	71,880*	74,620*	79,082*	87,863*	87,262*	88,883*	13,460	15,619	16,670	16,512	10,985	9,694
Instruments and related products	551,988*	(D)	(D)	685,355*	718,906*	913,256*	11,609	14,113	15,922	18,092	(D)	9,468
Miscellaneous manufacturing industries	88,395*	86,309*	85,036*	81,448*	89,134*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	1,843,381	1,901,378	2,026,525	2,221,901	2,346,108	2,394,909	258,796	259,003	264,229	261,934	264,705	267,330
Railroad transportation	264,860	252,499	251,584	255,908*	220,234*	214,997	39,347	39,245	40,929	39,646	34,265	28,871
Trucking and warehousing	435,007	430,086	437,016	485,996	495,090	504,573	37,477	37,385	39,984	50,997	52,746	57,025
Water transportation	8,553*	(D)	(D)	6,930*	10,287*	13,930*	72,461	67,712	65,085	58,534	59,830	57,289
Other transportation[8]	527,302*	531,329*	610,669*	656,891*	759,429*	779,086*	16,010	16,377	16,779	17,986	19,120	20,263
Communication	328,224*	370,159*	397,656*	430,654*	461,816*	462,116*	54,970	56,914	55,266	45,526	46,684	48,192
Electric, gas, and sanitary services	244,982*	268,081*	276,077*	308,554*	321,058*	339,278*	38,531	41,370	46,186	49,245	52,061	55,690
Wholesale trade	2,050,899	2,138,502	2,144,139	2,440,988	2,583,314	2,716,033	181,806	186,604	189,265	219,382	231,556	238,014
Retail trade	2,174,065	2,245,228	2,421,956	2,655,988	2,849,839	3,014,985	305,991	318,546	340,844	370,425	392,731	426,636
Finance, insurance, and real estate	1,519,069	1,588,553	1,852,325	2,025,399	2,277,712	2,656,449	126,224	124,587	139,576	149,916	171,009	182,793
Banking and credit agencies	424,608*	473,011*	538,321*	564,803*	593,846*	694,913*	56,314	58,558	60,741	63,130	65,829	66,533
Other finance, insurance, and real estate[9]	1,071,473*	1,090,878*	1,286,354*	1,371,964*	1,512,630*	1,853,418*	69,910	66,029	78,835	86,786	105,180	116,260
Services	4,111,319	4,493,136	4,958,904	5,603,720	6,281,627	6,861,193	521,074	563,606	608,648	671,640	747,753	821,600
Hotels and other lodging places	110,565*	107,759*	126,065*	(D)	(D)	(D)	18,408	19,128	21,303	24,842	25,987	27,429
Personal services	218,005*	233,252	255,008	287,230	355,498	390,985	23,493	23,635	23,952	25,156	28,949	30,973
Private households	(D)	37,807	39,274	(D)	43,949	45,192	21,039	22,566	23,494	26,200	26,413	27,257
Business services	786,907*	890,565	1,036,122	1,273,622*	1,485,276	1,653,395	54,393	59,969	66,448	77,690	93,739	104,632
Auto repair, services, and garages	195,150	203,231	220,568	258,228	288,466	307,629	21,793	21,364	25,159	28,442	32,757	34,151
Miscellaneous repair services	81,062	77,454	91,476	100,695	90,386	93,900	13,965	13,994*	13,018*	15,133*	15,645*	16,619*
Amusement and recreation services	107,423*	119,809*	136,720*	147,154*	166,427*	180,362*	10,211	11,622	13,297	13,081	15,538	13,750
Motion pictures	17,023*	(D)	(D)	25,085*	30,272*	33,701*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	1,301,059	1,441,721	1,553,202	1,635,675	1,799,043	1,952,212	183,938	211,512	221,583	233,812	250,710	280,175
Legal services	304,893	363,778	416,435	502,665	562,699	631,542	41,444	49,346	56,193	65,786	72,189	78,510
Educational services	141,984	156,951*	175,927*	(D)	215,429	226,638	18,685	20,844	23,036	25,524	27,932	28,840
Social services	188,053*	203,714*	222,337*	260,999*	288,356*	312,012*	13,260	13,326	14,788	15,852	18,160	19,384
Museums, botanical, zoological gardens	(D)	10,374*	11,077*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	175,509*	198,045	207,835	220,457	232,521	241,040	(D)	25,842	25,710	26,399	27,199	27,708
Miscellaneous services	415,789	415,391	430,471	478,807	538,525	588,732	75,460	68,702	78,561	91,785	110,604	130,109
Government and government enterprises	2,733,088	2,966,481	3,182,486	3,477,464	3,753,160	3,981,221	402,545	415,832	441,107	475,801	531,889	574,022
Federal, civilian	473,889	482,223	558,659	571,561	609,152	617,220	62,524	65,534	70,067	76,851	83,388	85,697
Military	41,388	46,842	54,320	63,864	70,566	78,899	39,352	40,640	39,306	41,493	44,298	49,956
State and local	2,217,811	2,437,416	2,569,507	2,842,039	3,073,442	3,285,102	300,669	309,658	331,734	357,457	404,203	438,369

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Modesto, CA (MSA)						Monmouth—Ocean, NJ (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,851,680**	**2,994,567**	**3,123,855**	**3,442,338**	**3,773,703**	**4,024,911**	**10,998,052**	**11,921,522**	**13,312,110**	**14,673,824**	**16,233,588**	**17,525,914**
Nonfarm personal income	2,710,310	2,867,488	3,035,052	3,290,733	3,549,507	3,823 045	10,980,745	11,901,193	13,287,492	14,647,252	16,203,676	17,494,701
Farm income[1]	141,370	127,079	88,803	151,605	224,196	201,866	17,307	20,329	24,618	26,572	29,912	31,213
Population (thousands)[2]	275.8	281.9	290.3	296.2	304.2	316.6	860.8	869.8	878.3	893.3	912.6	935.2
Per capita personal income (dollars)	**10,341**	**10,624**	**10,762**	**11,621**	**12,404**	**12,714**	**12,777**	**13,707**	**15,157**	**16,426**	**17,788**	**18,739**
Derivation of total personal income:												
Total earnings by place of work	1,844,776	1,900,676	1,978,158	2,223,809	2,475,755	2,632,684	4,508,178	4,884,558	5,407,031	6,166,065	6,873,424	7,688,727
Less: Personal contributions for social insurance[3]	94,126	100,797	112,028	123,554	140,547	152,092	282,037	313,009	344,117	396,002	458,374	515,396
Plus: Adjustment for residence	81,805	89,117	84,588	95,148	107,955	111,009	2,998,933	3,240,547	3,707,523	3,900,537	4,374,181	4,580,188
Equals: Net earnings by place of residence	1,832,455	1,888,996	1,950,718	2,195,403	2,443,163	2,591,601	7,225,074	7,812,096	8,770,437	9,670,600	10,789,231	11,753,519
Plus: Dividends, interest, and rent[5]	496,685	525,111	557,951	599,565	623,925	670,152	2,140,781	2,321,090	2,609,425	2,995,027	3,256,129	3,484,116
Plus: Transfer payments	522,540	580,460	615,186	647,370	706,615	763,158	1,632,197	1,788,336	1,932,248	2,008,197	2,188,228	2,288,279
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,421,481	1,482,364	1,541,060	1,672,288	1,823,548	1,955,287	3,688,572	4,013,564	4,394,969	5,025,019	5,597,608	6,241,427
Other labor income	143,762	156,806	171,081	180,921	191,532	205,178	315,962	360,341	398,774	446,926	482,905	538,695
Proprietors' income[6]	279,533	261,506	266,017	370,600	460,675	472,219	503,644	510,653	613,288	694,120	792,911	908,605
Farm	77,335	53,101	21,950	86,642	154,021	130,612	10,294	13,093	17,673	19,796	23,103	24,360
Nonfarm	202,198	208,405	244,067	283,958	306,654	341,607	493,350	497,560	595,615	674,324	769,808	884,245
Earnings by industry:												
Farm	141,370	127,079	88,803	151,605	224,196	201,866	17,307	20,329	24,618	26,572	29,912	31,213
Nonfarm	1,703,406	1,773,597	1,889,355	2,072,204	2,251,559	2,430,818	4,490,871	4,864,229	5,382,413	6,139,493	6,843,512	7,657,514
Private	1,449,745	1,495,048	1,604,409	1,767,110	1,916,005	2,065,924	3,401,988	3,684,877	4,136,426	4,761,632	5,352,957	6,101,926
Agricultural services, forestry, fisheries, and other[7]	39,796	43,117	44,366	46,907	47,804	46,656	29,027	31,070	38,212	37,928	49,340	56,413
Agricultural services	39,650	43,096	43,919	46,593	47,434	46,238	25,533	28,768	34,103	36,191	40,721	46,656
Forestry, fisheries, and other[7]	146	(L)	447	314	370	418	3,494	2,302	4,109	1,737	8,619	9,757
Mining	6,283	5,782	4,725	5,038	6,779	6,544	37,810	30,178	23,805	27,050	40,436	41,749
Coal mining	87	99	132	178	196	206	(L)	(L)	(L)	(L)	(L)	50
Oil and gas extraction	5,443	5,049	3,996	4,253	5,964	6,102	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	(L)	0	0	0	0	(D)	(D)	(D)	(D)	71	108
Nonmetallic minerals, except fuels	753	637	597	607	619	236	(D)	(D)	(D)	(D)	(D)	(D)
Construction	147,567	122,252	140,742	167,987	199,637	223,635	298,146	321,860	380,580	505,721	582,269	703,494
Manufacturing	430,463	453,320	481,478	520,726	543,258	579,899	582,952	603,833	639,183	708,786	758,868	779,026
Nondurable goods	323,246	346,572	365,080	386,329	396,229	414,038	255,193	264,431	279,114	297,134	310,384	331,253
Food and kindred products	267,398	284,188	300,258	317,295	321,073	332,558	29,756*	27,568*	27,806*	28,766*	(D)	33,392
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)	26,479	25,725	22,232	22,292	19,989	18,474
Paper and allied products	37,051	41,885	40,895	43,539	48,564	52,745	22,355*	15,482	11,012	8,429*	(D)	(D)
Printing and publishing	15,359	16,079	18,970	20,604	22,394	23,320	33,669	39,536	41,502	49,306	58,284	66,802
Chemicals and allied products	1,354	2,115	2,183	2,329	2,010	2,286	93,522	107,775	121,746	129,328	132,322	138,679
Petroleum and coal products	(L)	(D)	(D)	321	102	132	5,423	3,888	7,118	6,999	7,389	7,126
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	1,848	2,092	2,150	2,026	2,703	39,926	38,004	39,993	45,108	46,120	50,347
Leather and leather products	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	107,217	106,748	116,398	134,397	147,029	165,861	327,759	339,402	360,069	411,652	448,484	447,773
Lumber and wood products	12,036	11,915	13,393	16,809	17,230	17,646	14,161	13,326	17,048	21,049	24,392	25,558
Furniture and fixtures	2,211	2,216	2,621	3,579	4,635	4,965	(D)	2,062	2,200	(D)	3,804	3,468
Primary metal industries	(D)	534	4,042	4,659	(D)	(D)	(D)	(D)	(D)	18,377	(D)	(D)
Fabricated metal products	35,780	36,868	38,775	44,546	48,771	56,283	26,866	25,562	27,342	(D)	(D)	32,498
Machinery, except electrical	18,998	17,317	16,005	19,214	18,581	23,180	83,910	88,717	94,014	92,306	111,104	110,317
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	93,136	103,512	106,905	137,477	140,458	147,319
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	258	7,109	7,144	6,843	10,963	14,580	(D)
Motor vehicles and equipment	1,542	1,420	1,812	2,232	5,367	5,705	426	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	56,315	60,850	65,955
Instruments and related products	1,507	1,756	1,927	2,123	2,493	3,099	29,228	27,244	25,946	27,495	28,210	19,111
Miscellaneous manufacturing industries	3,767	2,443	2,705	3,450	4,284	3,949	7,768	8,709	13,324	14,363	15,124	14,266
Transportation and public utilities	106,015	112,223	118,925	140,385	142,403	151,236	245,555	278,124	303,023	438,181	478,008	556,744
Railroad transportation	3,100	2,832	2,737	2,574	2,130	1,799	11,581	6,075	3,531	2,927	2,176	1,438
Trucking and warehousing	55,314	58,678	63,689	79,747	79,955	88,055	46,192	47,221	49,706	58,443	60,989	67,058
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	6,201	5,944	8,256	10,368	12,487	13,789
Other transportation[8]	6,184	(D)	(D)	(D)	(D)	(D)	20,433	23,641	30,408	37,763	40,742	48,427
Communication	(D)	32,358	32,793	34,715	32,427	31,662	85,279	97,964	103,256	204,789	223,051	274,829
Electric, gas, and sanitary services	9,926	9,067	10,235	12,244	14,534	16,280	75,869	97,279	107,866	123,891	138,563	151,203
Wholesale trade	88,783	90,848	88,188	93,811	110,928	117,800	171,725	191,746	223,145	260,515	308,030	344,934
Retail trade	215,688	222,693	246,750	263,965	281,161	300,150	617,731	653,690	743,184	816,136	894,898	1,028,333
Finance, insurance, and real estate	60,381	56,402	69,857	74,080	83,674	104,594	198,965	188,295	238,463	259,010	295,813	424,746
Banking and credit agencies	30,348	32,899	37,848	38,360	39,068	45,729	73,636	81,866	92,031	104,013	112,712	135,231
Other finance, insurance, and real estate[9]	30,033	23,503	32,009	35,720	44,606	58,865	125,329	106,429	146,432	154,997	183,101	289,515
Services	354,769	388,411	409,378	454,211	500,361	535,410	1,220,077	1,386,081	1,546,831	1,708,305	1,945,295	2,166,487
Hotels and other lodging places	2,286	2,124	1,978	2,153	2,312	2,484	18,498	19,077	22,993	24,841	25,660	28,170
Personal services	16,663	17,408	20,324	22,315	27,198	29,745	47,504	53,400	60,733	65,278	79,206	86,165
Private households	5,343	5,816	6,148	6,936	7,084	7,423	17,566	(D)	(D)	(D)	(D)	(D)
Business services	46,349	53,683	61,161	71,434	86,825	84,442	393,198	490,939	539,771	567,075	679,195	741,435
Auto repair, services, and garages	23,411	21,354	25,206	29,393	32,756	35,327	41,053	40,998	46,586	57,039	64,301	75,684
Miscellaneous repair services	12,853	13,340	14,744	18,829	17,745	17,581	17,817	18,914	22,950	28,931	27,363	30,764
Amusement and recreation services	5,015	5,413	6,524	7,394	7,775	8,412	65,195	67,721	68,460	73,129	78,666	74,782
Motion pictures	554	(D)	(D)	(D)	(D)	1,238	2,150	(D)	(D)	(D)	(D)	(D)
Health services	166,519	193,369	195,151	207,444	217,390	238,656	389,066	440,160	494,852	551,606	610,387	690,985
Legal services	13,596	15,656	17,010	20,504	22,446	24,400	63,973	71,277	80,163	96,420	105,600	120,803
Educational services	3,823	4,012	4,462	5,098	5,572	5,909	31,773	35,705	37,827	40,648	44,524	48,256
Social services	8,089	8,178	7,648	7,676	9,394	11,767	(D)	21,105	25,051	27,293	30,627	33,787
Museums, botanical, zoological gardens	(L)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	18,799	20,691	21,689	22,738	24,267	25,172	47,364	48,803	52,426	57,746	61,421	64,179
Miscellaneous services	31,433	26,417	26,490	30,790	38,287	42,854	63,964	56,687	72,948	93,317	112,902	144,923
Government and government enterprises	253,661	278,549	284,946	305,094	335,554	364,894	1,088,883	1,179,352	1,245,987	1,377,861	1,490,555	1,555,588
Federal, civilian	16,392	17,716	18,961	19,976	20,904	21,890	370,881	412,529	431,330	479,582	514,920	488,811
Military	3,754	4,449	4,640	5,264	6,233	6,310	82,207	98,007	106,863	123,533	131,459	136,382
State and local	233,515	256,384	261,345	279,854	308,417	336,694	635,795	668,816	707,794	774,746	844,176	930,395

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Monroe, LA (MSA)						Montgomery, AL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,227,301**	**1,302,602**	**1,388,088**	**1,475,142**	**1,567,917**	**1,610,643**	**2,536,769**	**2,690,888**	**2,917,197**	**3,177,275**	**3,435,620**	**3,661,332**
Nonfarm personal income	1,223,317	1,296,758	1,382,411	1,466,513	1,562,468	1,604,272	2,515,595	2,663,379	2,894,899	3,152,905	3,405,909	3,637,861
Farm income[1]	3,984	5,844	5,677	8,629	5,449	6,371	21,174	27,509	22,298	24,370	29,711	23,471
Population (thousands)[2]	140.9	141.2	142.9	143.7	144.3	145.9	278.1	282.9	285.1	290.3	295.3	299.0
Per capita personal income (dollars)	**8,711**	**9,223**	**9,715**	**10,262**	**10,868**	**11,042**	**9,123**	**9,510**	**10,231**	**10,945**	**11,635**	**12,245**
Derivation of total personal income:												
Total earnings by place of work	932,878	967,569	1,033,134	1,111,739	1,178,004	1,210,731	1,873,221	1,960,000	2,149,283	2,371,032	2,585,440	2,780,849
Less: Personal contributions for social insurance[3]	49,658	54,299	56,043	61,273	68,467	71,316	106,034	114,919	124,892	140,101	156,300	163,138
Plus: Adjustment for residence	−23,928	−23,720	−26,432	−32,395	−40,355	−50,075	−22,985	−29,655	−37,808	−47,028	−57,544	−71,387
Equals: Net earnings by place of residence	859,292	889,550	950,659	1,018,071	1,069,182	1,089,340	1,744,202	1,815,426	1,986,583	2,183,903	2,371,596	2,546,324
Plus: Dividends, interest, and rent[5]	183,415	201,898	206,075	220,428	242,695	246,179	347,273	376,238	394,369	438,876	472,020	500,250
Plus: Transfer payments	184,594	211,154	231,354	236,643	256,040	275,124	445,294	499,224	536,245	554,496	592,004	614,758
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	764,284	792,880	838,153	903,312	959,707	983,138	1,584,399	1,663,131	1,817,009	2,000,389	2,177,398	2,341,994
Other labor income	81,273	86,778	91,802	92,707	97,549	100,888	126,657	140,870	156,087	169,214	181,197	195,074
Proprietors' income[6]	87,321	87,911	103,179	115,720	120,748	126,705	162,165	155,999	176,187	201,429	226,845	243,781
Farm	2,510	4,286	4,173	7,177	3,982	4,882	15,794	21,287	16,342	18,550	23,781	17,537
Nonfarm	84,811	83,625	99,006	108,543	116,766	121,823	146,371	134,712	159,845	182,879	203,064	226,244
Earnings by industry:												
Farm	3,984	5,844	5,677	8,629	5,449	6,371	21,174	27,509	22,298	24,370	29,711	23,471
Nonfarm	928,894	961,725	1,027,457	1,103,110	1,172,555	1,204,360	1,852,047	1,932,491	2,126,985	2,346,662	2,555,729	2,757,378
Private	799,786	814,984	872,515	938,720	997,576	1,027,476	1,290,356	1,331,703	1,472,187	1,645,469	1,784,374	1,952,125
Agricultural services, forestry, fisheries, and other[7]	4,933	4,487	5,014	5,017	4,951	5,144	6,412	5,679	8,646	9,399	8,800	10,318
Agricultural services	2,379	2,195	2,361	2,382	2,209	2,186	(D)	4,945	5,961	6,805	7,062	8,258
Forestry, fisheries, and other[7]	2,554	2,292	2,653	2,635	2,742	2,958	(D)	734	2,685	2,594	1,738	2,060
Mining	20,783	20,269	18,427	21,336	20,850	15,336	6,532*	5,138	5,450	5,356*	8,119*	8,716
Coal mining	(L)	(L)	(L)	101	104	102	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	4,886*	3,746*	3,312*	3,441*	5,395*	5,386*
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	80,584	79,454	69,087	78,181	79,625	78,412	114,459	118,100	141,861	158,155	189,989	219,367
Manufacturing	194,821	177,774	187,209	201,856	217,386	229,026	275,357	267,566	292,708	343,261	353,824	385,113
Nondurable goods	146,290	129,564	136,823	145,087	153,094	159,006	(D)	118,662	127,836	136,813	145,612	157,881
Food and kindred products	14,562	15,936	16,457	16,699	15,933	15,056	33,522*	33,523*	38,913*	40,586*	45,818*	48,931*
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	95,388	75,942	77,746	83,822	87,835	93,917	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	8,512	7,068	9,729	9,961	11,030	10,673	15,856	18,425	19,750	21,353	23,439	25,866
Chemicals and allied products	24,564	25,226	25,755	26,150	28,986	26,930	2,465	2,612	2,490	2,779*	3,157*	3,015*
Petroleum and coal products	319	(D)	(D)	(D)	(D)	0	1,355	1,164	1,430	1,795	2,029	2,526
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,786	4,127	5,976	6,883	7,503	10,094	(D)	6,910*	8,075*	8,893*	9,153*	10,248*
Leather and leather products	(D)	(D)	(D)	(D)	0	0	0	0	0	0	0	0
Durable goods	48,531	48,210	50,386	56,769	64,292	70,020	(D)	148,904	164,872	206,448	208,212	227,232
Lumber and wood products	2,909	2,627	3,004	3,343	2,977	3,987	13,499	11,988	14,499	16,890	17,474	18,957
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	5,139*	4,889*	5,201*	5,613*	5,693*	5,925*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	9,971	6,745	7,028	8,068	9,738	9,518
Fabricated metal products	5,220	8,405	7,335	6,549	7,663	6,431	24,017*	23,072*	22,577*	25,180*	23,011*	25,636
Machinery, except electrical	10,307	10,203	10,158	11,931	11,197	12,677	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	569	420	164	262	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	181	(D)	(D)	0	0	(D)	17,710*	15,761*	27,383*	(D)	(D)	(D)
Stone, clay, and glass products	3,514	3,507	3,600	3,797	3,965	3,396	25,468*	26,316*	24,060*	24,501*	27,727*	30,231*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	241	166	275	340	298	309	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	66,973	75,270	77,337	82,113	85,560	82,026	99,262	106,511	114,846	124,513	130,618	136,766
Railroad transportation	8,018	7,681	7,575	8,309	8,221	6,945	14,444*	15,290	16,610	17,223*	16,334*	(D)
Trucking and warehousing	13,432	13,708	12,662	14,850	15,345	15,728	20,057	20,901	24,305	30,891	32,801	34,756
Water transportation	(L)	(L)	(L)	(L)	(L)	0	0	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	2,397	2,903	3,137	3,614	4,373	4,591	9,035*	9,400*	10,230*	(D)	(D)	(D)
Communication	20,779	22,896	23,736	23,896	24,647	25,099	36,079	39,310	40,251	37,327	37,387	40,148
Electric, gas, and sanitary services	22,348	28,084	30,228	31,445	32,975	29,663	18,936	21,092	23,019	25,727	29,177	30,634
Wholesale trade	78,092	77,342	82,723	89,639	90,339	88,922	132,491*	143,674	150,734	159,772*	170,277*	179,192
Retail trade	108,891	114,228	127,071	136,955	149,118	150,711	183,749	192,072	217,120	238,647	250,787	273,496
Finance, insurance, and real estate	68,760	72,683	78,746	73,865	82,891	95,415	114,461	118,214	132,644	147,821	161,678	186,064
Banking and credit agencies	25,757	31,165	33,259	31,847	35,630	45,187	37,881	37,210*	42,428*	(D)	48,936*	60,247*
Other finance, insurance, and real estate[9]	43,003	41,518	45,487	42,018	47,261	50,228	76,580	76,967*	85,170*	93,504*	107,319*	119,589*
Services	175,949	193,477	226,901	249,758	266,856	282,484	352,296	374,749	408,178	455,524	506,901	553,093
Hotels and other lodging places	4,990	4,041	3,536	4,244	4,487	4,382	9,349*	9,643*	11,291*	11,438*	11,437*	11,096*
Personal services	7,344	8,407	11,003	11,451	13,655	14,213	18,234	19,202	20,369	21,582	24,736	27,122
Private households	7,641	8,314	8,727	9,711	9,759	10,022	16,730	17,939	18,676	20,825	20,990	21,658
Business services	20,381	25,038	31,143	31,452	33,884	36,733	27,281	31,839	36,255	41,849	50,811	62,912
Auto repair, services, and garages	7,859	7,188	8,705	10,081	10,784	11,254	17,109	16,372	20,508	26,220	33,667	37,441
Miscellaneous repair services	5,120	4,857	4,931	5,242	3,711	3,973	7,632	(D)	(D)	8,057	7,924	8,098
Amusement and recreation services	2,207	(D)	(D)	(D)	(D)	2,136	6,262*	4,462*	4,320*	4,428*	5,025*	5,802*
Motion pictures	592	(D)	(D)	(D)	(D)	514	531*	(D)	(D)	(D)	(D)	(D)
Health services	73,140	86,742	97,670	107,947	111,720	118,831	131,567	147,877	159,026	170,941	181,224	192,320
Legal services	11,918	14,564	16,665	19,258	20,414	22,050	21,383	23,994	26,143	30,774	34,878	38,486
Educational services	2,330	2,607	2,847	3,432	3,714	4,290	10,629*	11,817	12,374	13,858	14,970	16,176
Social services	4,749	4,684	5,708	6,188	6,743	8,049	12,657	12,897	14,563	17,089	19,028	20,296
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	(D)	(D)	(D)
Membership organizations	7,116	7,694	8,096	8,855	9,086	9,175	(D)	22,323*	23,022*	26,154	28,078	28,248
Miscellaneous services	20,562	16,519	25,094	28,904	35,923	36,862	49,443	45,952	52,027	60,620	72,448	81,752
Government and government enterprises	129,108	146,741	154,942	164,390	174,979	176,884	561,691	600,788	654,798	701,193	771,355	805,253
Federal, civilian	12,222	12,519	13,478	14,570	16,336	15,981	134,732	141,091	149,566	158,583	168,397	166,684
Military	2,356	3,373	3,394	3,531	4,019	4,222	119,824	133,224	142,747	152,018	158,791	164,879
State and local	114,530	130,849	138,070	146,289	154,624	156,681	307,135	326,473	362,485	390,592	444,167	473,690

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Muncie, IN (MSA)						Muskegon, MI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,191,877**	**1,192,719**	**1,259,807**	**1,360,853**	**1,415,919**	**1,495,238**	**1,487,925**	**1,515,608**	**1,569,709**	**1,733,977**	**1,820,546**	**1,902,587**
Nonfarm personal income	1,182,250	1,187,296	1,261,384	1,350,297	1,409,222	1,485,698	1,478,730	1,505,425	1,560,831	1,723,504	1,808,131	1,891,147
Farm income[1]	9,627	5,423	−1,577	10,556	6,697	9,540	9,195	10,183	8,878	10,473	12,415	11,440
Population (thousands)[2]	127.3	125.7	124.4	123.6	122.2	120.9	157.1	155.4	154.6	155.5	156.9	158.5
Per capita personal income (dollars)	**9,363**	**9,488**	**10,129**	**11,006**	**11,590**	**12,372**	**9,473**	**9,750**	**10,152**	**11,154**	**11,605**	**12,000**
Derivation of total personal income:												
Total earnings by place of work	868,433	837,203	889,441	976,555	1,015,688	1,081,308	1,109,489	1,083,551	1,114,160	1,246,132	1,320,919	1,371,755
Less: Personal contributions for social insurance[3]	46,347	46,755	48,140	52,883	58,025	62,051	66,754	69,075	68,945	78,190	86,939	91,480
Plus: Adjustment for residence	−7,762	2,614	839	4,834	8,406	265	−34,902	−27,058	−24,759	−19,638	−25,486	−22,085
Equals: Net earnings by place of residence	814,324	793,062	842,140	928,506	966,069	1,019,522	1,007,833	987,418	1,020,456	1,148,304	1,208,494	1,258,190
Plus: Dividends, interest, and rent[5]	202,559	205,729	211,227	220,255	229,841	240,647	189,746	200,674	203,095	235,798	241,788	253,651
Plus: Transfer payments	174,994	193,928	206,440	212,092	220,009	235,069	290,346	327,516	346,158	349,875	370,264	390,746
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	715,211	690,977	734,401	795,770	829,688	878,108	918,786	901,553	920,884	1,030,003	1,091,534	1,131,010
Other labor income	85,073	82,871	90,641	95,608	95,686	101,139	116,342	112,672	112,788	121,693	125,164	128,486
Proprietors' income[6]	68,149	63,355	64,399	85,177	90,314	102,061	74,361	69,326	80,488	94,436	104,221	112,259
Farm	7,980	3,662	−3,284	8,865	4,983	7,812	6,212	6,883	5,759	7,417	9,324	8,331
Nonfarm	60,169	59,693	67,683	76,312	85,331	94,249	68,149	62,443	74,729	87,019	94,897	103,928
Earnings by industry:												
Farm	9,627	5,423	−1,577	10,556	6,697	9,540	9,195	10,183	8,878	10,473	12,415	11,440
Nonfarm	858,806	831,780	891,018	965,999	1,008,991	1,071,768	1,100,294	1,073,368	1,105,282	1,235,659	1,308,504	1,360,315
Private	726,192	691,908	743,441	811,340	845,906	897,195	966,532	931,938	960,468	1,084,426	1,146,418	1,191,098
Agricultural services, forestry, fisheries, and other[7]	2,758	2,529	2,651	2,817	3,331	3,839	1,321	1,287	1,697	1,730	1,710	1,816
Agricultural services	2,743	2,533	2,607	2,787	3,313	3,816	1,223	1,295	1,425	1,459	1,532	1,603
Forestry, fisheries, and other[7]	(L)	(L)	(L)	(L)	(L)	(L)	98	(L)	272	271	178	213
Mining	2,974	2,199	1,939	1,924	2,728	3,246	6,238	5,605	5,403	5,571	6,396	5,597
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	169	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	4,178	3,713	3,396	3,652	4,624	4,477
Metal mining	0	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	1,891	1,892	2,007	1,919	1,772	1,120
Construction	34,864	31,827	31,487	36,114	40,825	48,855	55,317	49,004	51,697	51,997	66,572	68,517
Manufacturing	334,516	292,844	324,003	364,218	364,389	374,034	508,431	478,106	476,889	556,247	570,766	580,263
Nondurable goods	31,599	32,326	35,330	36,300	38,997	39,775	68,016	70,943	74,462	78,550	83,018	90,755
Food and kindred products	10,860	10,679	11,111	11,783	13,199	12,685	2,167	2,086	1,977	2,813	2,670	3,017
Textile mill products	0	0	0	0	0	0	0	0	0	0	0	0
Apparel and other textile products	(D)	0	0	(D)	(D)	(D)	1,502	(D)	(D)	(D)	(D)	(D)
Paper and allied products	7,240	6,899	8,395	7,616	7,867	8,119	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	12,371	13,701	14,685	15,519	16,241	16,957	5,590	6,191	6,687	7,127	8,319	9,449
Chemicals and allied products	238	(D)	(D)	220	269	285	14,664	16,582	16,186	18,376	18,405	22,829
Petroleum and coal products	0	0	0	(D)	0	0	3,372	3,402	4,093	1,571	1,300	1,424
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	699	764	894	1,050	1,317	1,635	2,957	2,558	2,953	3,594	4,061	4,228
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	302,917	260,518	288,673	327,918	325,392	334,259	440,415	407,163	402,427	477,697	487,748	489,508
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	501	383	676	1,217	1,594	1,699
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	26,035	23,458	23,008	28,831	29,780	30,108
Primary metal industries	23,694	20,366	23,019	26,146	21,677	19,415	86,162	69,003	62,879	79,273	72,619	64,395
Fabricated metal products	41,304	37,336	39,182	44,676	44,481	48,751	22,589	21,234	23,441	24,432	24,916	27,910
Machinery, except electrical	23,919	22,256	22,163	27,249	30,615	26,536	203,580	194,783	187,033	212,970	213,145	194,115
Electric and electronic equipment	49,885	45,070	43,260	41,871	41,867	40,385	1,017	941	1,088	4,871	5,462	9,775
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	147,999	116,888	142,063	168,679	164,918	173,704	13,752	13,764	13,623	14,282	15,882	17,936
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	978	1,071	1,006	837	(D)	840
Instruments and related products	0	0	0	0	0	0	(D)	295	276	357	356	(D)
Miscellaneous manufacturing industries	(D)	264	298	(D)	414	476	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	49,122	49,100	49,657	52,402	57,625	61,067	75,077	73,471	74,914	77,504	77,198	77,592
Railroad transportation	6,753	6,465	6,552	6,346	5,159	4,646	2,493	2,408	2,342	2,070	1,722	1,357
Trucking and warehousing	15,993	15,252	16,107	20,329	24,872	27,588	16,731	16,835	15,297	18,287	17,363	17,672
Water transportation	0	0	0	0	0	0	(D)	(D)	(D)	1,248	1,263	1,652
Other transportation[8]	(D)	(D)	(D)	4,471	4,899	5,431	1,661	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	9,953	10,177	10,294	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	10,589	11,458	11,422	11,303	12,518	13,108	17,258	(D)	(D)	19,584	20,074	19,578
Wholesale trade	33,969	32,392	32,807	34,271	36,470	38,630	37,724	35,654	36,053	43,975	48,816	51,541
Retail trade	101,955	101,792	106,616	110,001	115,064	124,075	97,928	98,315	106,939	117,126	122,599	130,333
Finance, insurance, and real estate	24,810	22,946	25,047	26,566	27,781	31,103	24,823	22,059	23,985	24,137	25,980	30,395
Banking and credit agencies	14,403	14,799	15,321	16,431	17,444	18,305	12,810	13,201	13,188	13,226	13,792	14,380
Other finance, insurance, and real estate[9]	10,407	8,147	9,726	10,135	10,337	12,798	12,013	8,858	10,797	10,911	12,188	16,016
Services	141,224	156,279	169,234	183,027	197,693	212,346	159,673	168,437	182,891	206,139	226,381	245,043
Hotels and other lodging places	1,804	1,809	1,895	2,167	1,971	1,959	2,772	2,817	3,029	3,325	2,795	2,581
Personal services	10,462	11,200	13,181	14,056	15,921	17,228	7,425	8,100	8,343	8,714	11,121	11,928
Private households	2,369	2,515	2,599	2,878	2,879	2,948	2,811	2,955	3,038	3,356	3,362	3,457
Business services	16,889	17,839	17,114	19,814	22,843	26,652	11,415	13,599	17,107	24,499	28,961	34,934
Auto repair, services, and garages	8,064	9,267	9,374	10,031	10,647	11,453	7,915	7,415	8,420	9,646	10,500	11,367
Miscellaneous repair services	2,275	2,422	2,801	2,988	2,654	2,696	3,139	2,813	3,469	4,684	5,429	3,824
Amusement and recreation services	2,164	1,847	1,925	2,466	2,736	3,242	2,444	2,645	2,826	3,112	4,039	4,309
Motion pictures	405	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	71,060	80,546	86,783	91,353	97,167	101,285	78,550	85,903	91,618	98,532	103,586	112,004
Legal services	5,089	5,829	6,011	7,162	7,796	8,683	11,234	11,899	12,558	13,883	14,398	15,397
Educational services	907	1,093	1,164	1,270	1,335	1,468	3,094	3,422	3,745	4,050	4,301	4,224
Social services	5,502	5,626	6,029	6,301	7,061	7,739	3,679	3,584	3,822	4,774	5,453	6,766
Museums, botanical, zoological gardens	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,668	8,117	8,304	8,636	8,785	8,861	10,789	11,402	12,333	12,648	12,975	12,799
Miscellaneous services	6,553	7,724	11,638	13,398	15,308	17,516	13,573	11,065	11,705	13,996	18,341	20,402
Government and government enterprises	132,614	139,872	147,577	154,659	163,085	174,573	133,762	141,430	144,814	151,233	162,086	169,217
Federal, civilian	10,425	10,255	10,780	11,571	12,268	12,560	9,475	9,615	10,066	10,457	11,355	10,942
Military	2,083	2,828	3,480	3,267	3,606	4,150	2,428	2,684	2,925	3,006	3,036	3,304
State and local	120,106	126,789	133,317	139,821	147,211	157,863	121,859	129,131	131,823	137,770	147,695	154,971

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Naples, FL (MSA)						Nashville, TN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,311,481**	**1,419,165**	**1,600,048**	**1,787,926**	**2,031,675**	**2,234,513**	**8,673,542**	**9,212,403**	**9,951,790**	**11,092,052**	**12,200,121**	**13,260,993**
Nonfarm personal income	1,269,831	1,371,206	1,533,089	1,729,448	1,969,284	2,166,732	8,585,085	9,121,073	9,916,890	10,989,639	12,124,981	13,209,775
Farm income[1]	41,650	47,959	66,959	58,478	62,391	67,781	88,457	91,330	34,900	102,413	75,140	51,218
Population (thousands)[2]	93.8	100.6	105.3	111.4	117.1	121.4	859.2	867.4	878.9	895.1	911.0	930.7
Per capita personal income (dollars)	**13,986**	**14,108**	**15,190**	**16,043**	**17,348**	**18,402**	**10,095**	**10,621**	**11,323**	**12,392**	**13,392**	**14,248**
Derivation of total personal income:												
Total earnings by place of work	649,791	665,375	745,223	833,823	946,520	1,077,333	6,875,120	7,266,352	7,909,056	8,923,253	9,888,965	10,812,466
Less: Personal contributions for social insurance[3]	32,150	34,291	37,890	43,931	52,575	60,281	417,533	456,098	466,694	522,429	607,936	673,604
Plus: Adjustment for residence	−18,907	−16,487	−11,013	−14,279	−22,949	−29,598	−104,678	−125,845	−148,478	−204,368	−227,054	−234,107
Equals: Net earnings by place of residence	598,734	614,597	696,320	775,613	870,996	987,454	6,352,909	6,684,409	7,293,884	8,196,456	9,053,975	9,904,755
Plus: Dividends, interest, and rent[5]	544,809	604,831	683,187	774,148	895,324	959,616	1,203,738	1,295,492	1,344,712	1,538,301	1,670,621	1,788,248
Plus: Transfer payments	167,938	199,737	220,541	238,165	265,355	287,443	1,116,895	1,232,502	1,313,194	1,357,295	1,475,525	1,567,990
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	472,134	497,282	531,138	606,474	688,908	783,551	5,630,199	5,955,933	6,488,880	7,266,774	8,084,648	8,850,214
Other labor income	39,812	43,452	47,601	53,336	60,072	66,948	538,699	598,569	656,679	707,390	770,400	836,121
Proprietors' income[6]	137,845	124,641	166,484	174,013	197,540	226,834	706,222	711,850	763,497	949,089	1,033,917	1,126,131
Farm	32,597	38,201	57,506	49,229	53,003	58,367	76,404	77,887	21,977	89,738	62,358	38,302
Nonfarm	105,248	86,440	108,978	124,784	144,537	168,467	629,818	633,963	741,520	859,351	971,559	1,087,829
Earnings by industry:												
Farm	41,650	47,959	66,959	58,478	62,391	67,781	88,457	91,330	34,900	102,413	75,140	51,218
Nonfarm	608,141	617,416	678,264	775,345	884,129	1,009,552	6,786,663	7,175,022	7,874,156	8,820,840	9,813,825	10,761,248
Private	548,658	551,566	606,258	695,318	792,345	906,890	5,872,611	6,200,212	6,848,763	7,742,273	8,616,299	9,488,801
Agricultural services, forestry, fisheries, and other[7]	21,496	19,822	22,576	23,625	24,084	25,822	21,974	23,079	28,609	30,201	31,051	35,184
Agricultural services	20,884	19,364	21,265	22,886	21,984	23,917	19,989*	21,290*	25,499*	27,203*	29,739	33,722
Forestry, fisheries, and other[7]	612	458	1,311	739	2,100	1,905	434*	118*	1,097*	781*	1,312	1,462
Mining	17,007	14,054	11,651	13,018	22,847	23,360	28,618	30,577	32,638	30,498	43,165	39,758
Coal mining	(L)	(D)	(D)	(D)	(D)	(D)	1,170	(D)	(D)	1,371	1,842	1,868
Oil and gas extraction	16,258	13,823	11,265	12,673	22,433	23,192	19,077*	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	(D)	0	(D)	(D)	(D)	−746	1,046	2,917
Nonmetallic minerals, except fuels	745	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	113,271	102,845	95,426	117,679	137,364	147,024	459,506	511,130	536,964	655,437	742,532	858,332
Manufacturing	20,382	21,645	25,791	32,368	36,595	36,986	1,560,789	1,570,458	1,752,024	1,977,466	2,156,533	2,267,280
Nondurable goods	6,906	7,621	7,831	9,275	11,363	13,403	671,949*	693,915*	756,866*	809,445*	813,903*	838,085*
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	146,028*	160,679*	168,424*	169,007*	177,040*	189,673*
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)	115	(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	6,022	6,304	6,613	7,886	9,487	11,279	137,148*	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	87	(D)	(D)	(D)	(D)	(D)	103,622*	107,464*	110,433*	107,102*	104,870*	(D)
Petroleum and coal products	0	0	0	0	0	0	930	(D)	(D)	(D)	1,227	1,352
Tobacco manufactures	0	0	0	0	0	0	2,692*	(D)	(D)	(D)	(D)	2,405
Rubber and misc. plastic products	(D)	769	708	894	1,080	1,410	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	13,476	14,024	17,960	23,093	25,232	23,583	848,006*	840,206*	957,954*	1,128,027*	1,302,790*	1,390,190*
Lumber and wood products	1,041	907	1,027	1,053	1,134	1,300	24,583	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	826	964	1,050	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,219	24,599*	(D)
Fabricated metal products	1,165	1,122	2,246	3,695	3,808	4,915	109,861*	116,207*	124,199*	144,094*	149,362*	165,382*
Machinery, except electrical	5,113	5,325	6,836	8,803	9,842	5,561	96,776*	90,281*	89,035*	102,561*	149,653*	144,376*
Electric and electronic equipment	283	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	467	(D)	(D)	(D)	525	531	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	(D)	(D)	108,685*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	5,262	6,036	7,391	7,109	7,868	101,022*	86,825*	99,893*	120,305*	137,151*	147,156*
Instruments and related products	(D)	216	306	(D)	156	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	488	513	467	535	737	878	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	25,303	27,868	30,810	36,311	37,885	43,991	587,438	600,687	631,976	703,355	735,081	775,638
Railroad transportation	0	0	0	0	0	148	44,190	48,457	55,208	57,009	51,989	42,698
Trucking and warehousing	5,153	-5,269	5,913	(D)	(D)	(D)	267,586*	268,790	282,720	320,430*	336,885*	360,877*
Water transportation	678	753	828	1,546	1,676	2,362	17,077*	8,748*	7,620*	8,904*	(D)	(D)
Other transportation[8]	3,944	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	11,676	11,842	12,874	13,166	12,839	13,758	178,731*	189,953*	196,765*	207,560*	219,717*	226,621*
Electric, gas, and sanitary services	3,852	(D)	(D)	5,719	6,333	7,018	(D)	(D)	(D)	(D)	40,756*	48,927
Wholesale trade	25,098	23,080	24,448	28,401	32,433	37,726	562,603	545,030	593,806	665,173	730,578	800,381
Retail trade	98,544	104,077	116,671	124,339	141,422	162,040	718,208	808,563	910,486	1,011,041	1,138,824	1,238,492
Finance, insurance, and real estate	55,108	46,233	60,626	64,054	67,801	89,580	452,034	490,567	536,227	597,866	686,551	802,023
Banking and credit agencies	(D)	18,550	21,744	27,527	29,343	33,190	118,064*	(D)	(D)	(D)	(D)	203,810*
Other finance, insurance, and real estate[9]	(D)	27,683	38,882	36,527	38,458	56,390	305,609*	(D)	(D)	(D)	(D)	591,257*
Services	172,449	191,942	218,259	255,523	291,914	340,361	1,481,441	1,620,121	1,826,033	2,071,236	2,351,984	2,671,713
Hotels and other lodging places	20,813	20,115	26,083	28,395	30,494	44,656	49,314*	49,910*	50,582*	76,251*	90,627*	97,718*
Personal services	6,216	6,890	8,082	8,690	11,028	12,322	75,439	81,732	90,782	97,895	120,088	132,966
Private households	6,625	7,288	7,750	8,826	9,086	9,559	(D)	40,478	42,103	47,003	46,427*	47,868*
Business services	20,673	25,764	28,982	32,378	36,766	43,552	179,333	223,881	259,217	320,712	393,685	491,108
Auto repair, services, and garages	6,642	6,201	6,955	7,752	8,123	8,663	60,796	62,097	71,171	81,880	93,665	100,206
Miscellaneous repair services	2,523	2,570	3,463	4,723	3,792	4,356	21,585	21,533	30,405	35,531	34,523	39,222
Amusement and recreation services	10,491	11,570	13,077	15,817	16,771	20,137	65,982*	75,719*	88,339*	82,026*	94,099*	104,129*
Motion pictures	(D)	(D)	(D)	(D)	(D)	298	6,806*	8,573*	10,520*	12,114*	12,203*	11,263*
Health services	46,350	57,917	62,430	71,495	82,478	90,860	571,442	626,258	711,928	768,873	863,421	970,255
Legal services	9,161	10,271	11,666	14,931	16,611	20,882	69,726	83,352	95,245	116,223	129,968	147,984
Educational services	(D)	(D)	(D)	(D)	(D)	2,233	109,997*	120,031	132,712	153,161	163,094	177,073
Social services	1,331	1,944	2,092	2,338	4,914	6,589	26,317*	26,126*	27,988*	32,050	35,172	40,547*
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	761*	1,129*	1,177*	1,776*	2,128*
Membership organizations	5,118	5,893	8,246	12,532	14,579	15,417	54,179*	62,141	63,912	67,992	70,506	75,209
Miscellaneous services	34,903	33,798	37,549	45,201	54,752	60,837	146,073	135,833	147,604	176,627*	200,124	231,035
Government and government enterprises	59,483	65,850	72,006	80,027	91,784	102,662	914,052	974,810	1,025,393	1,078,567	1,197,526	1,272,447
Federal, civilian	6,463	6,445	7,243	8,198	9,763	10,261	236,287	245,874	253,115	258,567	284,300	282,231
Military	740	939	1,040	1,206	1,405	1,535	20,065	23,165	26,131	30,276	33,465	35,857
State and local	52,280	58,466	63,723	70,623	80,616	90,866	657,700	705,771	746,147	789,724	879,761	954,359

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Nassau—Suffolk, NY (PMSA)						New Bedford—Fall River—Attleboro, MA (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**35,750,594**	**38,623,208**	**41,974,994**	**46,340,507**	**49,841,764**	**54,054,794**	**4,753,708**	**5,053,412**	**5,516,840**	**6,048,591**	**6,526,052**	**6,896,997**
Nonfarm personal income	35,686,658	38,563,322	41,910,468	46,261,539	49,763,643	53,969,799	4,736,437	5,035,922	5,499,312	6,027,364	6,506,201	6,873,262
Farm income[1]	63,936	59,886	64,526	78,968	78,121	84,995	17,271	17,490	17,528	21,227	19,851	23,735
Population (thousands)[2]	2,603.2	2,607.4	2,627.3	2,631.4	2,629.6	2,635.1	476.1	475.2	474.1	476.0	480.5	484.9
Per capita personal income (dollars)	**13,733**	**14,813**	**15,977**	**17,610**	**18,954**	**20,514**	**9,985**	**10,634**	**11,635**	**12,706**	**13,582**	**14,224**
Derivation of total personal income:												
Total earnings by place of work	18,309,456	19,997,331	22,326,448	24,970,110	27,456,273	30,143,249	2,732,427	2,906,500	3,184,770	3,522,232	3,824,817	4,113,538
Less: Personal contributions for social insurance[3]	1,104,231	1,221,644	1,386,056	1,565,271	1,797,221	1,994,021	155,917	166,668	182,248	202,736	228,585	246,560
Plus: Adjustment for residence	7,335,402	7,876,677	8,269,821	8,543,494	9,059,987	9,848,582	669,644	647,553	740,721	821,585	912,335	883,820
Equals: Net earnings by place of residence	24,540,627	26,652,364	29,210,213	31,948,333	34,719,039	37,997,810	3,246,154	3,387,385	3,743,243	4,141,081	4,508,567	4,750,798
Plus: Dividends, interest, and rent[5]	6,818,565	7,152,294	7,609,189	8,857,813	9,210,262	9,827,355	606,020	679,770	729,055	831,900	881,291	939,585
Plus: Transfer payments	4,391,402	4,818,550	5,155,592	5,534,361	5,912,463	6,229,629	901,534	986,257	1,044,542	1,075,610	1,136,194	1,206,614
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	14,881,586	16,353,609	18,050,481	20,141,911	22,136,781	24,245,905	2,278,408	2,425,542	2,631,442	2,910,985	3,151,179	3,373,721
Other labor income	1,338,270	1,538,027	1,696,768	1,811,234	1,950,052	2,112,829	226,139	251,972	274,248	292,326	310,690	330,104
Proprietors' income[6]	2,089,600	2,105,695	2,579,199	3,016,965	3,369,440	3,784,515	227,880	228,986	279,080	318,921	362,948	409,713
Farm	43,722	37,813	43,357	58,215	57,044	63,753	13,711	14,108	14,240	17,984	16,588	20,479
Nonfarm	2,045,878	2,067,882	2,535,842	2,958,750	3,312,396	3,720,762	214,169	214,878	264,840	300,937	346,360	389,234
Earnings by industry:												
Farm	63,936	59,886	64,526	78,968	78,121	84,995	17,271	17,490	17,528	21,227	19,851	23,735
Nonfarm	18,245,520	19,937,445	22,261,922	24,891,142	27,378,152	30,058,254	2,715,156	2,889,010	3,167,242	3,501,005	3,804,966	4,089,803
Private	15,124,658	16,578,889	18,605,487	20,899,881	23,088,870	25,462,796	2,349,399	2,508,113	2,760,884	3,070,278	3,312,837	3,566,220
Agricultural services, forestry, fisheries, and other[7]	102,420	111,317	138,447	140,215	150,206	172,720	54,222	50,544	65,427	58,436	68,834	82,461
Agricultural services	94,159	104,729	123,819	130,536	130,108	150,084	6,444	7,438	8,571	9,098	9,663	11,736
Forestry, fisheries, and other[7]	8,261	6,588	14,628	9,679	20,098	22,636	47,778	43,106	56,856	49,338	59,171	70,725
Mining	112,276	97,367	78,961	85,502	118,797	112,323	7,019	6,880	5,334	6,219	8,734	8,449
Coal mining	669	752	858	1,499	1,561	1,629	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	104,690	91,259	71,237	75,243	107,821	108,936	6,173	(D)	(D)	(D)	(D)	(D)
Metal mining	−70	−759	−89	−321	348	1,149	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	6,987	6,115	6,955	9,081	9,067	609	827	(D)	(D)	(D)	(D)	(D)
Construction	998,045	1,161,304	1,310,619	1,532,075	1,751,990	2,037,536	113,647	130,750	164,525	197,980	231,038	292,676
Manufacturing	3,634,237	3,920,323	4,239,530	4,690,023	5,035,551	5,343,225	1,094,997	1,151,831	1,225,300	1,365,170	1,387,681	1,393,091
Nondurable goods	899,825	971,196	1,052,575	1,146,526	1,216,872	1,288,253	487,754	490,453	543,872	589,371	581,172	565,887
Food and kindred products	104,284	112,606	125,034	133,517	138,382	142,569	47,429	47,851	51,625	45,891	48,207	(D)
Textile mill products	38,916	31,575	34,128	36,362	37,139	37,563	103,927	98,452	114,257	120,214	117,764	116,716
Apparel and other textile products	94,156	95,045	95,177	93,106	80,895	76,708	193,198	193,461	204,586	226,526	213,767	196,211
Paper and allied products	104,620	109,375	118,856	124,655	125,566	129,818	18,185	18,550	20,842	28,807	33,615	(D)
Printing and publishing	309,034	351,242	392,162	444,451	487,080	535,281	33,673	35,387	37,286	40,802	44,366	47,558
Chemicals and allied products	125,135	144,374	155,776	179,120	193,901	207,908	16,486	17,277	20,450	22,081	22,640	23,075
Petroleum and coal products	27,901	33,535	32,405	32,925	35,830	32,327	1,402	1,436	1,495	1,676	1,969	1,829
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	82,736	80,084	85,260	89,700	106,524	117,547	53,089	58,709	71,529	78,991	78,049	81,843
Leather and leather products	13,043	13,360	13,777	12,690	11,555	8,532	20,365	19,330	21,802	24,383	20,795	15,426
Durable goods	2,734,412	2,949,127	3,186,955	3,543,497	3,818,679	4,054,972	607,243	661,378	681,428	775,799	806,509	827,204
Lumber and wood products	28,689	27,359	28,957	32,859	38,036	40,849	(D)	8,150	8,597	11,254	12,549	12,291
Furniture and fixtures	43,360	42,501	44,481	52,484	61,963	63,756	4,040	(D)	(D)	(D)	(D)	(D)
Primary metal industries	49,668	47,931	46,789	48,706	48,449	50,716	105,080	100,399	60,129	67,824	75,687	81,552
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	86,742	92,607	72,632	78,408	81,171	83,740
Machinery, except electrical	277,672	288,563	290,630	311,648	328,072	341,396	67,288	72,290	75,177	87,045	82,895	88,298
Electric and electronic equipment	687,536	764,931	851,285	980,807	1,080,113	1,160,157	115,219	159,642	237,542	284,095	309,274	315,416
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	13,150	13,583	14,105	14,948	13,336	11,299
Motor vehicles and equipment	5,397	5,747	7,871	13,651	16,467	21,230	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	30,386	32,492	35,651	43,092	41,567	50,071	12,861	12,292	12,976	15,284	16,920	16,014
Instruments and related products	414,516	483,654	538,763	604,232	636,810	681,767	34,097	33,625	34,696	40,139	42,903	46,628
Miscellaneous manufacturing industries	65,141	65,361	67,111	78,634	75,617	77,663	155,225	160,284	156,957	167,294	163,638	165,645
Transportation and public utilities	1,071,317	1,171,000	1,288,971	1,375,329	1,478,645	1,566,095	119,116	129,325	138,061	145,357	169,118	181,552
Railroad transportation	76,756	77,723	83,893	88,175	87,438	87,525	1,986	1,894	1,875	2,349	2,489	2,291
Trucking and warehousing	224,454	238,806	263,483	304,130	315,839	349,344	35,557	38,092	38,528	47,232	49,424	56,159
Water transportation	45,048	(D)	(D)	(D)	(D)	(D)	610	361	1,485	2,106	3,894	6,907
Other transportation[8]	170,746	204,545	239,878	273,859	293,418	316,268	14,738	16,075	18,711	20,992	21,899	22,419
Communication	(D)	(D)	(D)	(D)	(D)	(D)	34,559	39,170	42,575	35,021	47,667	48,899
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	31,666	33,733	34,887	37,657	43,745	44,877
Wholesale trade	1,599,206	1,735,813	1,884,608	2,172,656	2,453,421	2,630,754	136,527	153,218	166,194	187,297	199,929	224,159
Retail trade	1,978,494	2,133,224	2,438,272	2,696,652	2,934,529	3,267,511	298,815	314,799	359,175	403,107	461,082	512,269
Finance, insurance, and real estate	1,095,865	1,099,136	1,366,079	1,541,603	1,728,988	2,132,313	94,418	92,695	106,077	113,373	123,717	145,097
Banking and credit agencies	400,649	456,346	536,365	627,383	648,981	760,123	41,724	45,188	48,548	51,790	55,512	64,055
Other finance, insurance, and real estate[9]	695,216	642,790	829,714	914,220	1,080,007	1,372,190	52,694	47,507	57,529	61,583	68,205	81,042
Services	4,532,798	5,149,405	5,860,000	6,665,826	7,436,743	8,200,319	430,638	478,071	530,791	593,339	662,704	726,466
Hotels and other lodging places	(D)	(D)	(D)	(D)	64,659	73,905	5,790	6,407	6,816	7,352	7,734	8,537
Personal services	163,741	176,724	202,485	217,833	253,120	279,350	25,423	28,342	32,037	35,509	45,669	50,604
Private households	130,365	139,626	145,463	161,814	162,144	166,292	6,549	6,986	7,258	8,082	8,117	8,327
Business services	980,972	1,209,091	1,407,585	1,642,252	1,879,630	2,160,737	34,216	43,621	53,893	65,176	80,876	93,375
Auto repair, services, and garages	183,088	197,838	231,926	266,243	287,423	306,758	24,307	24,029	29,620	35,163	38,377	43,397
Miscellaneous repair services	94,308	101,989	117,783	134,286	134,792	142,103	7,635	8,755	10,924	13,059	11,241	11,754
Amusement and recreation services	174,520	169,696	191,073	216,316	245,042	252,237	12,259	12,782	13,769	14,486	15,104	17,631
Motion pictures	20,164	24,423	25,508	51,286	64,192	67,925	1,065	1,077	1,194	2,150	2,442	1,874
Health services	1,458,985	1,666,780	1,870,441	2,074,034	2,293,195	2,489,662	207,962	234,134	249,915	262,519	284,278	296,747
Legal services	299,808	368,576	435,362	532,012	594,974	678,273	17,340	23,109	26,554	33,975	37,901	45,772
Educational services	217,844	235,654	254,394	275,036	295,793	311,378	19,131	18,292	19,895	23,242	23,777	25,149
Social services	91,882	99,757	107,951	119,895	136,478	157,876	17,081	19,642	22,352	25,158	30,066	36,695
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	2,072	2,447	651	680	772	857	921	1,063
Membership organizations	132,057	154,213	162,378	171,815	179,584	186,345	24,783	26,234	28,267	32,175	34,404	35,890
Miscellaneous services	541,758	562,604	644,514	737,455	843,645	925,031	26,446	23,981	27,525	34,436	41,797	49,651
Government and government enterprises	3,120,862	3,358,556	3,656,435	3,991,261	4,289,282	4,595,458	365,757	380,897	406,358	430,727	492,129	523,583
Federal, civilian	415,103	440,614	482,849	524,001	553,061	559,389	27,635	28,027	28,904	31,902	33,710	34,126
Military	32,208	35,297	38,203	40,295	43,959	45,445	16,678	17,323	19,724	19,876	19,307	21,993
State and local	2,673,551	2,882,645	3,135,383	3,426,965	3,692,262	3,990,624	321,444	335,547	357,730	378,949	439,112	467,464

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	New Haven—Waterbury—Meriden, CT (NECMA)						New London—Norwich, CT (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**9,189,086**	**9,751,523**	**10,532,677**	**11,691,999**	**12,550,495**	**13,504,084**	**2,769,489**	**3,038,646**	**3,329,695**	**3,666,298**	**3,890,457**	**4,114,095**
Nonfarm personal income	9,178,803	9,737,527	10,515,863	11,672,394	12,528,885	13,480,325	2,752,744	3,013,532	3,307,540	3,629,839	3,859,104	4,075,080
Farm income[1]	10,283	13,996	16,814	19,605	21,610	23,759	16,745	25,114	22,155	36,459	31,353	39,015
Population (thousands)[2]	764.0	763.4	765.3	769.6	773.2	778.9	240.7	241.1	244.2	245.9	245.5	246.4
Per capita personal income (dollars)	**12,028**	**12,775**	**13,762**	**15,192**	**16,231**	**17,337**	**11,505**	**12,603**	**13,637**	**14,907**	**15,850**	**16,695**
Derivation of total personal income:												
Total earnings by place of work	5,972,436	6,250,061	6,818,516	7,665,862	8,317,663	9,026,270	2,114,819	2,331,046	2,620,860	2,881,734	3,056,947	3,055,307
Less: Personal contributions for social insurance[3]	351,086	379,006	410,318	464,602	525,357	574,648	119,205	134,581	151,142	166,846	183,823	184,825
Plus: Adjustment for residence	577,185	617,418	664,652	739,381	826,650	870,044	−37,826	−49,113	−84,129	−83,272	−76,613	80,628
Equals: Net earnings by place of residence	6,198,535	6,488,473	7,072,850	7,940,641	8,618,956	9,321,666	1,957,788	2,147,352	2,385,589	2,631,616	2,796,511	2,951,110
Plus: Dividends, interest, and rent[4]	1,698,098	1,817,357	1,902,771	2,149,982	2,216,476	2,372,186	452,231	493,499	515,267	587,044	609,717	653,440
Plus: Transfer payments	1,292,453	1,445,693	1,557,056	1,601,376	1,715,063	1,810,232	359,470	397,795	428,839	447,638	484,229	509,545
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,950,201	5,214,153	5,637,961	6,344,591	6,883,038	7,451,203	1,801,085	1,990,541	2,230,534	2,448,172	2,597,894	2,576,933
Other labor income	541,708	594,662	643,283	693,310	732,375	782,895	195,518	223,099	250,246	260,044	270,410	259,464
Proprietors' income[5]	480,527	441,246	537,272	627,961	702,250	792,172	118,216	117,406	140,080	173,518	188,643	218,910
Farm	4,807	7,914	10,965	13,892	15,821	17,937	8,155	15,476	12,928	27,498	22,262	29,861
Nonfarm	475,720	433,332	526,307	614,069	686,429	774,235	110,061	101,930	127,152	146,020	166,381	189,049
Earnings by industry:												
Farm	10,283	13,996	16,814	19,605	21,610	23,759	16,745	25,114	22,155	36,459	31,353	39,015
Nonfarm	5,962,153	6,236,065	6,801,702	7,646,257	8,296,053	9,002,511	2,098,074	2,305,932	2,598,705	2,845,275	3,025,594	3,016,292
Private	5,301,556	5,510,315	6,016,193	6,786,064	7,342,391	7,984,982	1,627,429	1,799,919	2,043,003	2,225,820	2,362,992	2,327,048
Agricultural services, forestry, fisheries, and other[7]	12,517	13,647	16,848	16,984	19,183	22,610	4,218	4,274	5,962	5,486	6,402	7,597
Agricultural services	11,859	13,376	15,783	16,312	18,246	21,526	3,753	4,000	4,903	5,175	5,227	6,265
Forestry, fisheries, and other[7]	658	271	1,065	672	937	1,084	465	274	1,059	311	1,175	1,332
Mining	32,413	30,047	25,845	29,692	39,698	41,948	8,046	7,250	5,810	6,629	9,420	9,651
Coal mining	(D)	213	273	230	249	260	64	58	74	62	67	70
Oil and gas extraction	25,530	(D)	(D)	(D)	(D)	(D)	7,092	6,343	4,842	5,485	8,111	8,310
Metal mining	0	(L)	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	890	852	894	1,082	1,242	1,271
Construction	324,647	348,108	422,567	485,998	553,159	649,465	134,736	205,777	311,861	352,685	304,701	166,123
Manufacturing	1,772,326	1,765,435	1,833,698	2,117,654	2,178,893	2,196,168	852,864	912,847	953,525	1,002,541	1,068,956	1,069,702
Nondurable goods	427,326	444,164	487,382	546,135	580,175	615,191	178,878	191,865	204,148	217,847	235,511	246,829
Food and kindred products	(D)	52,234	58,395	65,578	70,327	64,418	(D)	7,292	6,514	7,275	7,532	8,322
Textile mill products	9,205	8,929	8,606	10,031	10,515	12,322	11,658	9,056	10,046	10,008	9,911	9,364
Apparel and other textile products	38,133	38,689	39,458	45,369	44,457	43,004	9,171	9,793	8,132	9,443	9,794	10,501
Paper and allied products	38,511	37,456	39,356	42,409	44,838	46,690	24,191	25,297	27,149	29,185	29,150	30,056
Printing and publishing	(D)	93,793	102,553	114,757	126,889	141,196	20,001	20,872	22,399	25,019	27,903	32,277
Chemicals and allied products	114,630	121,038	130,768	145,886	154,827	186,208	98,734	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	945	882	875	(D)	1,692	4,970	0	0	0	0	0	0
Tobacco manufactures	868	(D)	(D)	(D)	673	454	0	0	0	0	0	0
Rubber and misc. plastic products	85,753	87,290	104,214	117,177	124,393	114,318	6,196	5,549	5,836	6,409	6,016	5,844
Leather and leather products	4,540	(D)	(D)	2,464	1,564	1,611	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,345,000	1,321,271	1,346,316	1,571,519	1,598,718	1,580,977	673,986	720,982	749,377	784,694	833,445	822,873
Lumber and wood products	9,690	8,666	10,103	12,770	14,739	16,396	2,358	1,710	1,733	2,063	2,096	2,210
Furniture and fixtures	6,548	9,703	10,016	8,223	8,212	8,522	5,344	(D)	(D)	(D)	10,600	11,205
Primary metal industries	220,003	(D)	(D)	(D)	(D)	184,890	25,210	31,159	34,892	38,443	34,586	37,252
Fabricated metal products	359,120	337,352	350,760	380,743	375,007	371,276	70,265	75,891	79,249	88,874	42,200	24,503
Machinery, except electrical	177,286	181,154	173,859	191,671	211,733	194,127	41,722	40,622	43,161	46,775	(D)	(D)
Electric and electronic equipment	200,404	204,989	214,965	294,856	340,395	320,442	13,108	12,702	14,250	18,613	20,211	22,178
Transportation equip. exc. motor vehicles	107,033	(D)	(D)	(D)	(D)	165,873	499,458	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	8,754	9,436	11,643	37,698	37,403	38,523	0	0	0	0	0	0
Stone, clay, and glass products	22,127	22,477	23,166	23,925	26,901	27,891	3,882	3,893	4,758	4,309	4,610	5,993
Instruments and related products	129,283	128,574	133,747	145,325	151,624	159,540	9,858	11,402	9,706	9,155	10,617	11,754
Miscellaneous manufacturing industries	104,752	99,358	104,199	120,136	106,589	93,497	2,781	3,209	3,063	(D)	(D)	(D)
Transportation and public utilities	533,059	593,333	623,390	672,268	718,810	768,922	85,363	99,362	111,606	126,082	151,905	153,477
Railroad transportation	50,906	(D)	(D)	(D)	(D)	22,113	4,740	3,506	2,419	(D)	(D)	(D)
Trucking and warehousing	93,364	93,645	97,893	110,397	117,755	125,545	20,098	19,009	17,775	19,456	21,377	19,859
Water transportation	7,703	8,974	10,685	13,425	14,680	15,431	3,769	3,640	4,755	5,208	6,976	8,020
Other transportation[8]	41,423	(D)	(D)	(D)	(D)	63,080	8,700	(D)	(D)	(D)	(D)	(D)
Communication	261,175	307,651	330,028	351,993	380,616	410,939	22,016	(D)	(D)	27,085	27,470	29,270
Electric, gas, and sanitary services	78,488	99,099	105,765	114,019	123,378	131,814	26,040	38,339	50,189	58,956	78,465	78,750
Wholesale trade	444,859	449,897	461,620	522,672	573,233	627,063	58,776	58,466	63,010	67,355	75,024	75,854
Retail trade	561,901	583,217	662,406	722,174	792,143	905,165	176,476	181,189	209,669	231,850	259,987	285,667
Finance, insurance, and real estate	290,251	282,141	349,820	383,054	419,604	517,048	37,553	30,953	41,824	46,642	53,016	69,861
Banking and credit agencies	115,354	125,852	141,122	157,653	165,818	187,166	18,908	20,815	22,700	25,344	28,909	34,344
Other finance, insurance, and real estate[9]	174,897	156,289	208,698	225,401	253,786	329,882	18,645	10,138	19,124	21,298	24,107	35,517
Services	1,329,583	1,444,490	1,619,999	1,835,568	2,047,668	2,256,593	269,397	299,801	339,736	386,550	433,581	489,116
Hotels and other lodging places	14,142	13,586	16,111	16,951	19,145	23,832	6,124	6,854	8,396	10,860	11,948	15,605
Personal services	56,093	60,950	70,446	(D)	(D)	(D)	11,449	12,715	15,499	17,090	21,090	22,405
Private households	16,070	17,176	17,871	19,867	19,984	20,557	6,907	7,386	7,684	8,544	8,596	8,844
Business services	181,181	198,023	230,148	261,468	302,177	354,733	40,732	44,740	54,525	67,758	74,835	86,624
Auto repair, services, and garages	50,300	51,913	59,636	68,887	77,603	86,322	8,269	8,789	10,534	12,109	13,152	14,285
Miscellaneous repair services	16,867	16,300	20,612	24,094	28,456	34,669	3,278	3,945	5,012	5,353	5,361	5,897
Amusement and recreation services	20,935	22,746	24,434	25,795	27,456	29,704	(D)	3,659	4,049	4,370	6,041	6,593
Motion pictures	4,561	4,928	4,604	5,391	6,407	5,760	492	589	608	635	650	556
Health services	494,807	559,346	623,734	687,778	756,138	821,877	96,424	109,254	120,720	133,435	146,044	158,047
Legal services	75,080	82,634	97,648	114,542	131,211	151,272	13,166	15,323	18,223	22,678	26,612	30,303
Educational services	210,067	224,557	247,636	(D)	(D)	(D)	19,555	20,695	22,050	24,028	25,803	27,793
Social services	35,516	37,421	40,986	49,074	54,894	62,494	8,444	8,786	9,560	10,271	12,138	14,740
Museums, botanical, zoological gardens	218	224	261	258	269	326	(D)	4,695	5,133	5,589	6,035	6,543
Membership organizations	54,937	58,505	62,374	68,094	75,843	77,601	11,805	12,941	13,787	14,950	15,671	17,227
Miscellaneous services	98,809	96,181	103,498	130,256	159,169	186,807	35,425	39,430	43,956	48,880	59,605	73,654
Government and government enterprises	660,597	725,750	785,509	860,193	953,662	1,017,529	470,645	506,013	555,702	619,455	662,602	689,244
Federal, civilian	126,752	135,355	142,175	156,186	164,082	170,682	94,469	97,353	104,385	116,568	119,060	119,760
Military	11,431	12,668	14,999	17,574	18,524	19,769	203,784	222,974	246,283	273,489	288,431	295,090
State and local	522,414	577,727	628,335	686,433	771,056	827,078	172,392	185,686	205,034	229,398	255,111	274,394

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	New Orleans, LA (MSA)						New York, NY (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**14,039,188**	**14,961,204**	**15,628,628**	**16,428,255**	**16,974,638**	**17,131,214**	**104,753,001**	**112,341,605**	**121,510,713**	**133,874,350**	**142,612,719**	**153,960,056**
Nonfarm personal income	14,026,217	14,947,240	15,612,342	16,413,528	16,956,978	17,107,791	104,745,326	112,332,023	121,501,251	133,864,211	142,601,362	153,946,998
Farm income[1]	12,971	13,964	16,286	14,727	17,660	23,423	7,675	9,582	9,462	10,139	11,357	13,058
Population (thousands)[2]	1,280.8	1,304.1	1,320.0	1,324.2	1,329.8	1,334.4	8,287.1	8,302.3	8,375.8	8,436.9	8,472.2	8,473.4
Per capita personal income (dollars)	**10,961**	**11,472**	**11,840**	**12,406**	**12,764**	**12,838**	**12,641**	**13,531**	**14,507**	**15,868**	**16,833**	**18,170**
Derivation of total personal income:												
Total earnings by place of work	11,437,505	12,085,292	12,280,627	12,872,936	13,015,205	12,917,404	88,228,907	95,192,847	103,567,486	112,782,104	122,110,032	132,981,122
Less: Personal contributions for social insurance[3]	605,749	674,865	662,576	704,763	747,922	752,970	5,609,537	6,055,419	6,713,585	7,356,364	8,302,740	9,117,768
Plus: Adjustment for residence	−382,434	−419,393	−354,127	−381,433	−333,502	−342,520	−17,556,866	−19,468,968	−20,877,018	−22,132,897	−24,133,335	−26,126,133
Equals: Net earnings by place of residence	10,449,322	10,991,034	11,263,924	11,786,740	11,933,781	11,821,914	65,062,504	69,668,460	75,976,883	83,292,843	89,673,957	97,737,221
Plus: Dividends, interest, and rent[5]	1,880,697	2,036,555	2,211,990	2,426,933	2,609,303	2,696,797	20,337,648	21,781,424	22,955,008	26,386,991	27,254,303	28,930,526
Plus: Transfer payments	1,709,169	1,933,615	2,152,714	2,214,582	2,431,554	2,612,503	19,352,849	20,891,721	22,578,822	24,194,516	25,684,459	27,292,309
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	9,541,778	10,121,217	10,147,520	10,651,718	10,713,778	10,558,328	74,569,514	80,768,511	86,749,961	94,360,520	101,755,039	110,555,293
Other labor income	996,791	1,089,632	1,106,293	1,091,502	1,081,892	1,071,469	6,753,858	7,850,089	8,287,964	8,569,611	8,973,223	9,454,917
Proprietors' income[6]	898,936	874,443	1,026,814	1,129,716	1,219,535	1,287,607	6,905,535	6,574,247	8,529,561	9,851,973	11,381,770	12,970,912
Farm	9,416	10,026	12,480	11,042	13,942	19,665	4,430	6,099	6,106	6,826	7,996	9,671
Nonfarm	889,520	864,417	1,014,334	1,118,674	1,205,593	1,267,942	6,901,105	6,568,148	8,523,455	9,845,147	11,373,774	12,961,241
Earnings by industry:												
Farm	12,971	13,964	16,286	14,727	17,660	23,423	7,675	9,582	9,462	10,139	11,357	13,058
Nonfarm	11,424,534	12,071,328	12,264,341	12,858,209	12,997,545	12,893,981	88,221,232	95,183,265	103,558,024	112,771,965	122,098,675	132,968,064
Private	9,976,556	10,478,654	10,594,238	11,100,474	11,166,727	11,049,579	76,684,081	82,843,848	90,184,165	98,201,386	106,548,640	115,906,090
Agricultural services, forestry, fisheries, and other[7]	26,487	26,820	34,420	27,894*	40,903*	44,244	198,999	219,519	246,081	259,706	264,660*	293,689*
Agricultural services	15,514	17,719	18,397	18,228*	19,802*	21,570	96,590	109,103	116,387	121,174	124,216*	138,690*
Forestry, fisheries, and other[7]	10,973	9,101	16,023	9,671	21,113	22,674	102,409	110,416	129,694	138,532	147,746	163,058
Mining	768,397*	840,485	791,273	847,376*	905,493*	768,116	448,078	383,839	359,784	353,454	459,606*	458,295*
Coal mining	(L)	(L)	(L)	94	97	(D)	1,725*	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	869,332*	726,382	388,390*	338,974*	308,741*	306,085*	406,812*	406,294*
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	26,675*	32,472*	20,930	23,458	29,372
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	1,048,887	1,099,953	1,068,870	1,023,839	835,844	783,004	2,854,407	3,271,405	3,741,769	4,261,816	4,941,615	5,767,899
Manufacturing	1,597,068	1,573,946	1,442,824	1,447,456	1,438,443	1,383,397	12,884,550	13,228,789	13,669,078	14,253,901	14,525,778	14,483,816
Nondurable goods	706,964	739,402	739,416	754,820	760,477	759,117	8,652,427	8,994,858	9,433,702	9,791,347	10,011,892	9,959,071
Food and kindred products	(D)	151,548*	152,005*	164,261	152,264	(D)	1,019,410*	1,051,207*	1,052,178*	1,103,956*	1,187,335*	1,156,267*
Textile mill products	936*	(D)	(D)	(D)	(D)	(D)	353,319*	332,187*	362,475*	387,995*	406,902*	402,081*
Apparel and other textile products	24,566*	23,300*	22,515*	24,957*	(D)	23,435*	2,122,254	2,101,158	2,151,244	2,247,048*	2,215,546*	2,201,992*
Paper and allied products	26,447	(D)	22,804*	27,197*	28,209	30,566	413,722*	414,768*	400,994*	457,727	412,317	367,915*
Printing and publishing	74,759	78,174*	82,994*	84,139*	94,742*	98,151*	2,654,958	2,853,033	3,040,632	3,250,354	3,446,260	3,595,678
Chemicals and allied products	214,062*	228,988	183,050	191,176	190,029	(D)	1,091,125*	1,108,606*	1,111,607*	1,181,686*	1,232,965*	1,272,319*
Petroleum and coal products	186,799	203,187*	248,395*	249,959	257,321	249,574	507,541	644,830	813,334	674,762*	627,678*	480,734
Tobacco manufactures	163	(L)	76	103	52	51	98,722	120,316	131,772	130,281	131,968	112,040
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	152,485*	139,929*	140,966*	143,167*	156,436*	168,128*
Leather and leather products	(D)	(D)	(D)	0	(D)	(D)	193,515	180,742*	179,260*	168,845*	148,024*	140,830*
Durable goods	890,104	834,544	703,408	692,636	677,966	624,280	4,232,123	4,233,931	4,235,376	4,462,554	4,513,886	4,524,745
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	11,216*	79,553	76,252*	81,781*	(D)	(D)	(D)
Furniture and fixtures	2,581*	(D)	(D)	2,693*	2,426*	3,442*	164,965*	168,362*	173,053*	184,434*	185,081*	199,796*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	216,891*	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	108,455*	110,413	95,178	89,491*	89,591*	73,472*	507,739	514,071	510,209	530,646	535,633	538,139
Machinery, except electrical	87,347*	79,532*	62,660*	62,163*	61,428*	53,842*	980,859	1,033,135	1,084,820	1,112,368	1,173,307	1,166,666
Electric and electronic equipment	18,791*	24,258	19,743	20,087*	20,262*	17,476	852,987*	859,814	878,719	946,430	890,313	910,605
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	129,449*	130,122*	121,279*	119,286*	(D)	113,263*
Motor vehicles and equipment	1,365	(D)	(D)	(D)	(D)	(D)	193,752*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	66,581*	63,018*	67,821*	75,943*	54,963*	43,174*	107,972*	107,253*	117,540*	124,802*	136,136*	133,016*
Instruments and related products	7,168	7,491	6,820	5,963*	5,259*	4,659*	268,961*	285,286*	285,588*	296,738*	299,227*	283,163*
Miscellaneous manufacturing industries	13,359	10,315*	13,508*	18,033	15,504	14,733	689,811*	678,868	675,587	736,481	714,577	716,945*
Transportation and public utilities	1,485,985	1,475,833	1,451,132	1,443,699	1,424,623	1,381,876	8,810,750	9,719,430	9,230,043	9,895,050	10,120,834	10,038,794
Railroad transportation	74,799*	81,490*	90,113*	84,312*	74,986	69,101	377,740	317,237	277,947	288,983	288,295	273,801
Trucking and warehousing	238,269	214,172	215,601	227,150	222,231	233,031	(D)	(D)	(D)	(D)	750,924*	833,710
Water transportation	574,859*	518,441	453,536	418,214	409,797	372,114	672,893	647,227	583,129	497,525	481,274*	458,579*
Other transportation[8]	(D)	(D)	(D)	226,007*	212,594*	210,430*	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	251,113*	253,273*	235,771*	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	126,402*	(D)	(D)	198,026*	217,202*	225,154*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	947,512*	966,358	920,272	957,116	972,093	938,133	7,942,456	8,413,378	8,594,134	9,346,169	9,935,917	10,190,517
Retail trade	1,122,620	1,175,455	1,263,239	1,370,029	1,370,920	1,398,018	5,739,789	6,089,227	6,732,321	7,264,770	7,785,609	8,367,740
Finance, insurance, and real estate	626,940	670,267	746,914	804,537	844,888	912,290	13,627,406	15,128,995	18,580,090	19,973,903	22,479,442	26,847,993
Banking and credit agencies	209,651*	239,338	264,637	289,459*	307,491*	311,374*	4,482,586	5,398,430	5,847,329	6,191,439	6,598,582	7,389,448
Other finance, insurance, and real estate[9]	412,702*	430,929	482,277	506,760*	528,326*	591,262*	9,144,820	9,730,565	12,732,761	13,782,464	15,880,860	19,458,545
Services	2,324,058	2,649,537	2,875,294	3,174,005	3,328,646	3,440,501	24,177,646	26,389,266	29,030,865	32,592,617	36,010,298	39,431,121
Hotels and other lodging places	143,977	142,825*	165,816*	193,496*	180,641*	187,190*	542,508	559,016*	658,563*	688,944*	708,604*	797,961
Personal services	80,631	93,393	98,509	103,501	117,209	117,492	636,098	664,430	727,229	773,342	871,229	930,604
Private households	52,106	56,679	59,532	66,236	66,535	68,311	481,051*	516,131	537,733	598,139	599,342	614,647
Business services	450,436	510,371	521,247	578,655	583,983	597,487	5,680,027	6,325,999	6,965,435	7,974,708	9,018,261	10,051,592
Auto repair, services, and garages	75,091	75,535	85,374	96,790	98,629	99,638	383,170	402,537	445,729	503,861	548,481	592,376
Miscellaneous repair services	72,808	79,032	73,968	72,162*	57,549*	55,794*	273,827	278,957	309,084	337,388	346,972	351,097
Amusement and recreation services	52,077*	54,909	66,721	91,227	72,229*	77,643	731,132	724,203	777,503	877,004	1,011,849	1,129,952
Motion pictures	6,748*	(D)	6,298*	(D)	(D)	(D)	550,546	624,034*	670,070*	890,095*	1,089,626*	1,111,252*
Health services	616,760	733,347	808,617	857,763	968,060	1,016,453	5,552,926	6,130,022	6,750,370	7,283,029	7,970,389	8,626,015
Legal services	236,744	293,930	348,783	414,491	450,754	485,447	2,858,986	3,345,058	3,789,056	4,485,561	4,876,346	5,592,377
Educational services	147,000*	161,362*	180,085*	201,825*	217,697*	229,520*	1,390,517	1,519,844	1,694,139	1,857,313	2,010,606	2,158,731
Social services	38,289	39,650	42,236	41,209	56,532	57,508	1,027,061	1,155,142	1,257,872	1,398,563	1,551,080	1,798,135
Museums, botanical, zoological gardens	(D)	(D)	1,043*	1,399*	1,295*	1,387*	83,549*	(D)	(D)	(D)	(D)	144,479*
Membership organizations	(D)	87,996	94,855	107,423	102,605	101,333	889,866	989,556	1,022,563	1,076,538	1,139,578	1,151,422
Miscellaneous services	267,270	306,904	314,635	330,739	334,981	325,970	3,095,192	3,055,399	3,314,237	3,726,860	4,133,462	4,379,597
Government and government enterprises	1,447,978	1,592,674	1,670,103	1,757,735	1,830,818	1,844,402	11,537,151	12,339,417	13,373,859	14,570,579	15,550,035	17,061,974
Federal, civilian	354,183	363,220	383,620	399,472	423,193	419,851	2,164,131	2,179,236	2,223,591	2,398,963	2,512,416	2,493,672
Military	78,696	91,312	92,823	99,952	105,908	111,511	145,007	159,945	182,487	189,707	204,448	199,568
State and local	1,015,099	1,138,142	1,193,660	1,258,311	1,301,717	1,313,040	9,228,013	10,000,236	10,967,781	11,981,909	12,833,171	14,368,734

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Newark, NJ (PMSA)						Niagara Falls, NY (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**25,295,597**	**27,390,944**	**29,309,513**	**32,158,615**	**34,397,829**	**37,159,060**	**2,314,055**	**2,400,530**	**2,474,121**	**2,672,015**	**2,819,042**	**2,931,353**
Nonfarm personal income	25,274,375	27,366,983	29,279,963	32,125,704	34,363,392	37,122,266	2,299,087	2,385,210	2,464,823	2,661,503	2,806,142	2,916,886
Farm income[1]	21,222	23,961	29,550	32,911	34,437	36,794	14,968	15,320	9,298	10,512	12,900	14,467
Population (thousands)[2]	1,877.2	1,875.0	1,880.0	1,883.5	1,888.5	1,888.7	225.2	222.0	219.7	217.2	216.8	216.9
Per capita personal income (dollars)	**13,475**	**14,608**	**15,590**	**17,073**	**18,215**	**19,675**	**10,277**	**10,812**	**11,259**	**12,301**	**13,003**	**13,516**
Derivation of total personal income:												
Total earnings by place of work	18,642,272	19,934,825	21,746,121	23,919,048	25,515,662	27,455,339	1,603,692	1,538,312	1,610,537	1,748,170	1,846,148	1,896,509
Less: Personal contributions for social insurance[3]	1,117,429	1,207,305	1,316,525	1,458,537	1,623,482	1,764,776	100,910	96,334	103,752	114,292	125,499	129,729
Plus: Adjustment for residence	−9,913	177,515	−77,075	−69,533	190,464	553,697	89,323	130,548	86,345	87,893	127,314	144,826
Equals: Net earnings by place of residence	17,514,930	18,905,035	20,352,521	22,390,978	24,082,644	26,244,260	1,592,105	1,572,526	1,593,130	1,721,771	1,847,963	1,911,606
Plus: Dividends, interest, and rent[5]	4,718,713	5,117,382	5,338,101	6,031,854	6,341,534	6,773,255	323,250	365,179	376,797	420,224	430,673	458,181
Plus: Transfer payments	3,061,954	3,368,527	3,618,891	3,735,783	3,973,651	4,141,545	398,700	462,825	504,194	530,020	540,406	561,566
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	15,646,088	16,770,193	18,198,155	20,031,551	21,298,419	22,873,339	1,335,727	1,281,912	1,337,389	1,455,419	1,536,774	1,569,273
Other labor income	1,692,155	1,879,034	2,026,717	2,126,665	2,218,916	2,301,958	174,370	166,082	177,375	184,272	189,876	192,028
Proprietors' income[6]	1,304,029	1,285,598	1,521,249	1,760,832	1,998,327	2,280,042	93,595	90,318	95,773	108,479	119,498	135,208
Farm	16,331	19,021	24,788	28,234	29,745	32,098	8,842	8,589	2,862	4,212	6,506	8,040
Nonfarm	1,287,698	1,266,577	1,496,461	1,732,598	1,968,582	2,247,944	84,753	81,729	92,911	104,267	112,992	127,168
Earnings by industry:												
Farm	21,222	23,961	29,550	32,911	34,437	36,794	14,968	15,320	9,298	10,512	12,900	14,467
Nonfarm	18,621,050	19,910,864	21,716,571	23,886,137	25,481,225	27,418,545	1,588,724	1,522,992	1,601,239	1,737,658	1,833,248	1,882,042
Private	16,291,554	17,352,782	18,992,301	20,975,631	22,406,114	24,134,807	1,392,955	1,312,612	1,381,962	1,507,303	1,587,486	1,624,381
Agricultural services, forestry, fisheries, and other[7]	42,074	45,787	56,220	61,650	60,666	67,850	2,336	2,460	2,798	2,907	2,989	4,054
Agricultural services	39,229*	45,666	54,408	60,404	58,609	65,416	2,293	2,445	2,691	2,856	2,853	3,900
Forestry, fisheries, and other[7]	537*	121	1,812	1,246	2,057	2,434	(L)	(L)	107	51	136	154
Mining	96,781	88,904	71,001	76,272	101,609	107,480	5,743	4,396	4,682	6,331	7,871	8,733
Coal mining	(D)	(D)	(D)	308	324	345	(L)	(L)	(L)	(L)	51	53
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,279	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,442	1,214	2,467	3,424	3,649	4,273
Construction	855,509	924,089	966,574	1,150,792	1,258,761	1,468,660	70,434	81,219	89,680	93,651	86,306	87,050
Manufacturing	5,210,120	5,333,972	5,564,742	5,994,289	6,086,455	6,158,267	840,461	736,454	763,381	837,884	877,410	871,938
Nondurable goods	2,609,352	2,783,418	2,946,441	3,170,846	3,298,005	3,490,457	273,523	261,045	237,705	249,843	239,302	245,775
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	23,900	25,022	25,454	26,485	22,985	24,814
Textile mill products	33,759*	(D)	(D)	(D)	(D)	(D)	3,186	1,970	2,005	2,941	(D)	(D)
Apparel and other textile products	102,274*	100,149	103,201	110,728	110,972	109,740*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	127,880*	134,163*	161,379*	176,680*	179,894*	176,257*	30,267	20,822	18,109	20,708	21,552	23,648
Printing and publishing	302,616	313,697	312,715	350,441	393,247	417,617	26,446	22,641	18,481	19,788	20,881	22,334
Chemicals and allied products	1,396,247*	1,541,137	1,600,531	1,699,018*	1,756,502*	1,827,963*	163,840	165,768	149,128	154,373	146,282	150,652
Petroleum and coal products	143,749	157,954*	168,257*	183,391	174,153	187,233	15,661	15,536	13,232	13,454	14,456	11,988
Tobacco manufactures	100	70	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	190,960	194,689	209,862	230,067	238,420	251,008	8,691	7,594	9,511	10,470	9,496	9,365
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0
Durable goods	2,600,768	2,550,554	2,618,301	2,823,443	2,788,450	2,667,810	566,938	475,409	525,676	588,041	638,108	626,163
Lumber and wood products	(D)	27,361	30,630	(D)	30,465	34,677	4,409	3,517	3,970	5,075	5,938	6,491
Furniture and fixtures	49,521*	(D)	(D)	(D)	(D)	(D)	1,300	572	402	612	511	648
Primary metal industries	214,378*	170,968*	160,751*	196,193	184,225*	192,279*	62,050	51,183	49,014	42,260	39,531	38,570
Fabricated metal products	514,698	506,926*	518,487*	536,312	536,747	529,386	27,434	24,845	29,134	36,632	35,917	35,674
Machinery, except electrical	551,904	538,837	529,196	520,830	553,337	502,303	39,629	37,957	33,469	42,482	45,670	47,260
Electric and electronic equipment	566,968	580,381	603,686	684,411	668,666	649,999	(D)	44,632	32,242	41,561	45,284	44,327
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	200,884*	(D)	(D)	(D)	(D)	(D)	219,035	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	68,842	76,539	75,333	78,212	68,375	57,709	(D)	90,805	86,416	72,719	64,157	61,792
Instruments and related products	220,283*	235,469*	233,423*	220,156	238,364	255,692	3,014	3,123	3,317	3,052	4,273	4,816
Miscellaneous manufacturing industries	137,211*	130,007	137,362	162,992*	142,432*	134,496*	1,325	1,275	1,191	1,302	1,499	1,772
Transportation and public utilities	1,956,595	2,135,858	2,315,028	2,703,773	2,796,080	2,989,246	71,784	77,448	84,542	88,722	91,598	95,449
Railroad transportation	(D)	52,954	38,296	(D)	(D)	(D)	8,612	6,338	4,490	4,542	3,989	3,846
Trucking and warehousing	335,557	(D)	(D)	440,405	464,167	495,120	20,284	20,064	22,243	25,696	27,232	28,712
Water transportation	398,269	397,862*	393,781*	458,384*	450,762*	428,228*	437	(D)	(D)	1,071	(D)	907
Other transportation[8]	305,858*	344,769*	413,748*	506,835*	569,762*	603,840*	9,529	(D)	(D)	14,487	(D)	13,237
Communication	526,848	632,669	682,126	805,152	850,170	977,965	11,728	14,203	14,856	10,977	10,878	10,266
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	21,194	24,589	27,373	31,949	35,236	38,481
Wholesale trade	1,478,001	1,610,329	1,735,820	1,943,445	2,016,992	2,099,526	44,283	42,604	40,391	44,452	48,651	50,065
Retail trade	1,319,502	1,396,706	1,579,808	1,722,933	1,910,185	2,156,479	125,104	128,280	138,258	147,037	159,614	166,996
Finance, insurance, and real estate	1,318,605	1,363,912	1,557,035	1,666,404	1,935,353	2,292,469	29,974	27,166	32,696	33,674	34,404	38,694
Banking and credit agencies	295,687	312,469	358,857	398,767	459,906	543,875	13,870	14,643	14,952	15,948	15,828	15,435
Other finance, insurance, and real estate[9]	1,022,918	1,051,443	1,198,178	1,267,637	1,475,447	1,748,594	16,104	12,523	17,744	17,726	18,576	23,259
Services	4,014,367	4,453,225	5,146,073	5,656,073	6,240,013	6,794,830	202,836	212,585	225,534	252,645	278,643	301,402
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,830	5,412	6,836	(D)	(D)	6,092
Personal services	137,119	145,344	159,238	172,949	202,372	217,180	8,722	8,995	9,869	10,416	12,973	13,972
Private households	56,081	60,084	62,568	69,702	70,183	72,430	2,702	2,877	2,996	3,319	3,324	3,404
Business services	1,189,635	1,391,811	1,850,359	1,975,724	2,264,000	2,457,628	13,152	16,263	17,021	21,248	37,094	45,729
Auto repair, services, and garages	154,677	157,275	162,909	194,655	215,927	236,081	9,714	9,155	10,410	12,194	12,844	12,871
Miscellaneous repair services	82,097	81,210	81,173	110,018	109,547	140,613	3,988	3,586	3,723	4,483	4,308	4,777
Amusement and recreation services	47,557	53,915	59,541	66,485	72,852	78,179	5,045	4,753	4,337	5,035	5,508	5,429
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	501	397	483	590	681	828
Health services	1,107,449	1,235,310	1,355,356	1,486,768	1,588,396	1,751,399	86,749	97,780	103,681	114,245	117,664	127,543
Legal services	312,848	364,271	417,851	490,252	542,021	615,625	12,027	12,387	13,879	17,132	18,538	19,712
Educational services	128,007	132,687	146,201	160,393	170,106	185,108	14,004	14,476	15,088	(D)	(D)	15,923
Social services	(D)	82,871	93,944	105,737	118,774	135,912	9,034	9,424	9,765	11,194	12,761	11,335
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	691	1,059	972	1,129	1,019	850
Membership organizations	125,600	133,064	139,770	153,232	160,178	168,162	13,562	14,851	15,212	15,996	16,191	16,591
Miscellaneous services	538,195	554,039	545,130	585,291	629,418	634,170	16,115	11,170	11,262	14,187	16,602	16,346
Government and government enterprises	2,329,496	2,558,082	2,724,270	2,910,506	3,075,111	3,283,738	195,769	210,380	219,277	230,355	245,762	257,661
Federal, civilian	550,983	605,845	639,947	666,454	632,039	640,488	27,608	29,788	31,060	33,472	34,459	34,440
Military	25,753	30,818	38,488	48,704	48,917	53,773	3,137	3,046	3,157	3,167	3,329	3,473
State and local	1,752,760	1,921,419	2,045,835	2,195,348	2,394,155	2,589,477	165,024	177,546	185,060	193,716	207,974	219,748

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Norfolk—Virginia Beach—Newport News, VA (MSA)						Oakland, CA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**11,988,741**	**13,087,198**	**14,240,102**	**15,521,422**	**16,801,437**	**18,156,313**	**24,624,871**	**26,225,304**	**28,623,952**	**31,595,870**	**34,221,156**	**36,090,120**
Nonfarm personal income	11,971,895	13,071,710	14,239,730	15,499,232	16,782,940	18,138,287	24,574,409	26,164,982	28,552,519	31,536,570	34,157,945	36,028,118
Farm income[1]	16,846	15,488	372	22,190	18,497	18,026	50,462	60,322	71,433	59,300	63,211	62,002
Population (thousands)[2]	1,190.5	1,202.9	1,237.7	1,263.8	1,280.2	1,309.5	1,793.7	1,820.2	1,850.9	1,879.0	1,910.0	1,933.8
Per capita personal income (dollars)	**10,070**	**10,879**	**11,505**	**12,281**	**13,124**	**13,866**	**13,729**	**14,408**	**15,464**	**16,815**	**17,917**	**18,662**
Derivation of total personal income:												
Total earnings by place of work	9,217,791	10,103,387	11,017,690	12,076,168	13,174,021	14,204,832	15,539,030	16,387,394	17,897,795	20,069,212	22,176,750	23,772,703
Less: Personal contributions for social insurance[3]	500,860	556,743	599,411	651,758	725,105	791,688	846,391	911,719	1,033,529	1,160,065	1,320,235	1,433,542
Plus: Adjustment for residence	−200,469	−250,842	−295,870	−327,977	−368,465	−350,479	2,566,142	2,868,155	3,355,339	3,534,146	3,626,466	3,299,878
Equals: Net earnings by place of residence	8,516,462	9,295,802	10,122,409	11,096,433	12,080,451	13,062,665	17,258,781	18,343,830	20,219,605	22,443,293	24,482,981	25,639,039
Plus: Dividends, interest, and rent[5]	1,502,859	1,660,764	1,824,529	2,061,520	2,137,683	2,388,144	3,999,864	4,215,622	4,534,655	5,172,055	5,487,082	5,919,382
Plus: Transfer payments	1,969,420	2,130,632	2,293,164	2,363,469	2,583,303	2,705,504	3,366,226	3,665,852	3,869,692	3,980,522	4,251,093	4,531,699
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,193,907	9,010,228	9,768,815	10,686,399	11,642,119	12,521,023	12,777,481	13,453,996	14,506,769	16,207,503	17,735,344	19,135,457
Other labor income	583,312	659,915	733,731	773,946	833,468	890,558	1,243,275	1,377,516	1,533,671	1,667,255	2,015,148	1,933,029
Proprietors' income[6]	440,572	433,244	515,144	615,823	698,434	793,251	1,518,274	1,555,882	1,857,355	2,194,454	2,426,258	2,704,217
Farm	9,784	7,992	−6,866	15,065	11,263	10,757	22,154	27,828	41,256	30,973	36,033	35,337
Nonfarm	430,788	425,252	522,010	600,758	687,171	782,494	1,496,120	1,528,054	1,816,099	2,163,481	2,390,225	2,668,880
Earnings by industry:												
Farm	16,846	15,488	372	22,190	18,497	18,026	50,462	60,322	71,433	59,300	63,211	62,002
Nonfarm	9,200,945	10,087,899	11,017,318	12,053,978	13,155,524	14,186,806	15,488,568	16,327,072	17,826,362	20,009,912	22,113,539	23,710,701
Private	5,345,056	5,754,709	6,396,915	7,143,982	7,908,942	8,693,058	12,369,493	12,972,126	14,245,689	16,204,927	17,786,957	19,397,284
Agricultural services, forestry, fisheries, and other[7]	24,992	23,947	31,866	27,695*	(D)	44,628*	73,065	79,169	92,390	97,770	92,333	(D)
Agricultural services	18,604	17,932*	21,711*	23,837*	27,825*	33,280*	69,728	76,253	87,050	94,588	86,457	97,956
Forestry, fisheries, and other[7]	6,388	(D)	(D)	(D)	12,824*	14,415*	3,337	2,916	5,340	3,182	5,876	(D)
Mining	19,808	16,424	14,558	16,320	24,213	25,197	101,150	114,145	113,375	131,413	157,758	(D)
Coal mining	84	73	75	92	101	107	(D)	74	97	131	(D)	152
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	128,769	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	246
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,317	22,365	27,639	28,702	13,990
Construction	503,782	542,210	648,090	775,566*	902,679*	1,065,868*	1,262,457	1,328,296	1,514,823	1,898,532	2,026,137	2,177,077
Manufacturing	1,325,129	1,394,079	1,522,597	1,665,677	1,808,750	1,887,592	2,937,095	2,897,426	3,044,908	3,258,567	3,358,113	3,456,409
Nondurable goods	300,240	325,008	339,473	365,535	394,821	421,566	1,277,476	1,412,639	1,532,899	1,608,199	1,667,413	1,692,745
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	367,061	393,042	406,348	424,087	431,862	414,595
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	3,203	3,639*	4,402*	4,959*	5,436*	6,597*
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	25,756*	30,841	31,522	34,385	35,169*	36,082*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	97,673	95,837	105,377	123,595	123,242	143,224
Printing and publishing	(D)	(D)	(D)	(D)	(D)	(D)	169,725	178,046	187,084	196,344	191,730	208,076
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	323,088	313,562	331,170	352,974	366,305	378,171
Petroleum and coal products	10,014*	11,148*	12,329*	12,100*	12,191*	12,676*	248,093	353,203	417,125	411,121	458,504	447,190
Tobacco manufactures	3,713	(D)	4,339*	4,809*	5,979	6,804	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	38,201	41,280	46,270	57,403	51,183	55,227
Leather and leather products	(D)	0	0	0	0	0	3,329*	3,155*	3,500*	3,293*	2,658	2,139
Durable goods	1,024,889	1,069,071	1,183,124	1,300,142	1,413,929	1,466,026	1,659,619	1,484,787	1,512,009	1,650,368	1,690,700	1,763,664
Lumber and wood products	32,115*	27,066	28,986	31,928	36,189	39,298	38,490	23,622	26,553	30,604	(D)	28,419
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	41,478	44,824	51,704	55,702	58,359	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	224,318	203,118	238,490	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	324,369	352,987	355,947	370,585	337,037
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	316,949	311,268	301,590	310,876	312,393	314,432
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	116,084	145,952	161,351	184,900	189,209	216,115
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	45,974	57,564	71,196	56,798	41,728	43,668
Motor vehicles and equipment	79,551	(D)	(D)	(D)	(D)	(D)	207,040	79,243	60,620	87,764	140,573	181,009
Stone, clay, and glass products	40,483*	(D)	(D)	(D)	(D)	(D)	135,513	133,135	130,925	148,072	155,494	162,415
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	107,620	113,801	122,187	152,292	171,206	195,049
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	28,239	26,691	29,778	28,923	30,173	40,534
Transportation and public utilities	532,819	574,400	609,588	652,667	692,008	729,135	1,271,758	1,333,028	1,410,164	1,592,473	1,803,984	2,105,769
Railroad transportation	69,097	(D)	(D)	(D)	(D)	(D)	80,690	80,779	85,717	(D)	84,309	81,914
Trucking and warehousing	(D)	89,180	89,819	103,285	102,508	112,256	377,175	380,309	380,842	417,349	425,346	436,642
Water transportation	(D)	(D)	(D)	(D)	92,935*	95,932*	141,936	135,436	138,855	153,106	167,054	175,012
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	154,689*	169,676*	184,806*	(D)	(D)	(D)	465,555	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	208,238	219,920	243,982	273,500	310,407	328,880
Wholesale trade	385,902	424,666	450,359	506,686	543,938	578,797	976,520	1,023,416	1,079,989	1,225,046	1,384,250	1,517,189
Retail trade	811,879	862,516	965,878	1,072,441	1,181,315	1,281,520	1,845,864	1,963,393	2,197,838	2,423,823	2,595,065	2,793,815
Finance, insurance, and real estate	299,521	310,180	369,483	420,925	457,314	546,721	741,160	738,769	915,964	1,058,366	1,259,133	1,470,856
Banking and credit agencies	122,204	135,310*	155,062*	175,282*	186,024*	222,657*	276,540	315,728	355,730	401,712	444,633	521,773
Other finance, insurance, and real estate[9]	177,317	172,765*	211,325*	230,090*	254,079*	303,297*	464,620	423,041	560,234	656,654	814,500	949,083
Services	1,441,224	1,606,287	1,784,496	1,994,570	2,244,526	2,513,819	3,160,424	3,494,484	3,876,238	4,518,937	5,110,184	5,622,205
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	40,316	40,916	56,260	64,948	71,591	78,339
Personal services	74,183	81,350	95,253	103,357	121,255	133,558	155,378	171,813	182,828	193,007	237,877	254,647
Private households	53,366	57,507	60,386	67,793	68,585	71,282	54,614	59,447	62,839	70,862	72,400	75,862
Business services	190,090	219,031	259,175	313,426	388,496	444,513	718,519	800,657	929,800	1,151,261	1,357,183	1,536,298
Auto repair, services, and garages	52,061	53,742	62,377	74,303	83,806	94,072	174,717	175,832	200,197	235,739	266,027	278,483
Miscellaneous repair services	37,754	41,104	48,683	57,818	55,482	60,584	128,993	128,401	133,240	170,070	166,727	138,276
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	65,938	66,719	84,180	100,445	99,605	101,471
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,589	11,200	16,436	22,094	26,259
Health services	532,708	608,678	639,323	692,606	767,702	858,836	1,053,828	1,245,658	1,275,515	1,443,947	1,632,642	1,809,567
Legal services	72,963	85,902	100,119	122,482	136,550	155,511	152,491	177,903	201,167	241,602	275,728	313,072
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	69,819	77,122	87,821	101,218	106,263	118,048
Social services	28,389*	28,711*	32,038*	35,551*	38,893*	43,208*	79,844	85,634	94,127	111,430	119,213	134,424
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	649	778	758	794	792
Membership organizations	56,333*	63,544	67,656	70,319	72,858	74,823	143,030	158,739	168,353	177,708	189,919	198,540
Miscellaneous services	146,469	158,488	184,850	210,116	244,556	278,909	314,715	295,405	387,933	439,506	492,121	558,127
Government and government enterprises	3,855,889	4,333,190	4,620,403	4,909,996	5,246,582	5,493,748	3,119,075	3,354,946	3,580,673	3,804,985	4,326,582	4,313,417
Federal, civilian	1,145,422	1,252,917	1,342,575	1,427,486	1,491,122	1,486,718	680,600	714,922	765,099	774,905	814,170	811,025
Military	1,859,376	2,172,823	2,302,731	2,425,364	2,585,295	2,711,588	234,881	307,295	363,379	370,357	405,248	402,771
State and local	851,091	907,450	975,097	1,057,146	1,170,165	1,295,442	2,203,594	2,332,729	2,452,195	2,659,723	3,107,164	3,099,621

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Ocala, FL (MSA)						Odessa, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,081,311**	**1,203,494**	**1,347,821**	**1,506,064**	**1,701,562**	**1,855,013**	**1,654,562**	**1,770,549**	**1,634,398**	**1,691,299**	**1,821,556**	**1,644,168**
Nonfarm personal income	1,077,360	1,189,497	1,334,096	1,488,009	1,683,581	1,834,444	1,652,759	1,768,257	1,632,933	1,689,264	1,819,791	1,642,348
Farm income[1]	3,951	13,997	13,725	18,055	17,981	20,569	1,803	2,292	1,465	2,035	1,765	1,820
Population (thousands)[2]	131.9	139.3	148.0	155.4	164.8	171.0	123.3	135.6	138.5	134.3	134.1	133.1
Per capita personal income (dollars)	**8,198**	**8,642**	**9,105**	**9,691**	**10,328**	**10,848**	**13,417**	**13,053**	**11,803**	**12,596**	**13,582**	**12,348**
Derivation of total personal income:												
Total earnings by place of work	591,134	644,566	724,750	834,341	934,179	1,037,586	1,394,567	1,449,927	1,300,192	1,328,603	1,449,932	1,246,451
Less: Personal contributions for social insurance[3]	30,803	34,388	39,162	45,795	53,734	59,583	71,746	76,222	69,468	70,706	80,444	69,143
Plus: Adjustment for residence	30,594	36,165	37,676	39,271	45,956	45,740	69,843	80,447	59,697	63,872	60,385	47,742
Equals: Net earnings by place of residence	590,925	646,343	723,264	827,817	926,401	1,023,743	1,392,664	1,454,152	1,290,421	1,321,769	1,429,873	1,225,050
Plus: Dividends, interest, and rent[5]	240,539	266,080	302,339	340,103	395,761	424,723	167,168	205,253	206,089	229,002	239,903	248,708
Plus: Transfer payments	249,847	291,071	322,218	338,144	379,400	406,547	94,730	111,144	137,888	140,528	151,780	170,410
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	482,048	528,100	582,683	666,868	748,326	825,963	1,127,790	1,203,910	1,059,389	1,060,677	1,108,664	914,882
Other labor income	43,922	49,529	58,246	64,486	71,912	78,853	114,380	124,410	109,949	104,786	106,396	87,076
Proprietors' income[6]	65,164	66,937	83,821	102,987	113,941	132,770	152,397	121,607	130,854	163,140	234,872	244,493
Farm	−7,769	214	326	4,880	4,612	7,149	1,568	2,002	1,185	1,756	1,484	1,539
Nonfarm	72,933	66,723	83,495	98,107	109,329	125,621	150,829	119,605	129,669	161,384	233,388	242,954
Earnings by industry:												
Farm	3,951	13,997	13,725	18,055	17,981	20,569	1,803	2,292	1,465	2,035	1,765	1,820
Nonfarm	587,183	630,569	711,025	816,286	916,198	1,017,017	1,392,764	1,447,635	1,298,727	1,326,568	1,448,167	1,244,631
Private	490,807	524,297	597,808	691,384	776,786	860,244	1,290,716	1,326,905	1,163,458	1,183,464	1,296,715	1,085,785
Agricultural services, forestry, fisheries, and other[7]	10,970	12,960	14,400	15,235	17,643	22,613	1,431	1,709	2,396	2,399	2,171	2,410
Agricultural services	10,720	12,985	13,666	14,618	17,134	22,021	1,313	1,740	2,039	2,148	2,018	2,222
Forestry, fisheries, and other[7]	250	(L)	734	617	509	592	118	(L)	357	251	153	188
Mining	5,306	5,004	3,872	4,272	6,332	7,013	271,031	268,056	269,675	293,573	311,814	210,223
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(D)
Oil and gas extraction	(D)	(D)	(D)	2,200	3,974	4,088	(D)	267,503	269,311	293,269	311,613	210,147
Metal mining	0	0	0	0	0	0	0	(D)	(D)	(D)	(D)	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	2,059	2,344	2,910	(D)	(D)	(D)	(D)	(D)	(D)
Construction	59,872	56,669	68,285	87,140	92,823	105,051	143,736	164,646	128,996	116,722	126,391	102,813
Manufacturing	99,735	106,590	129,774	145,326	169,697	186,064	249,356	226,559	170,553	144,033	145,913	120,118
Nondurable goods	29,924	33,433	34,338	40,222	40,474	43,031	70,599	77,044	75,570	55,569	59,000	56,224
Food and kindred products	9,035	9,443	9,828	10,668	10,642	9,483	2,106	3,026	3,139	3,197	3,634	1,875
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	5,223	(D)	(D)	0	(L)	0	(D)	(D)	0
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	4,235	4,763	5,624	6,576	6,980	7,763	8,434	8,414	6,387	5,247	5,696	5,372
Chemicals and allied products	2,073	2,359	2,348	2,576	2,663	2,734	53,121	58,956	59,831	41,020	42,336	42,078
Petroleum and coal products	1,542	1,571	1,915	2,018	2,396	2,862	5,151	5,001	5,154	5,025	5,844	5,373
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	7,192	9,490	9,347	12,446	11,940	13,086	1,601	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	69,811	73,157	95,436	105,104	129,223	143,033	178,757	149,515	94,983	88,464	86,913	63,894
Lumber and wood products	23,547	20,272	25,020	26,748	29,947	30,884	1,199	(D)	(D)	(D)	(D)	156
Furniture and fixtures	5,496	5,302	7,683	9,710	13,513	17,217	(D)	(D)	(D)	121	(D)	(D)
Primary metal industries	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	579	(D)	(D)
Fabricated metal products	7,219	5,844	5,942	6,245	7,231	7,287	24,843	17,353	11,142	12,128	10,074	7,016
Machinery, except electrical	1,330	2,167	2,468	7,609	7,984	9,154	135,951	115,476	70,664	64,880	63,430	43,932
Electric and electronic equipment	15,911	21,620	25,999	27,305	33,781	36,373	(D)	(D)	(D)	805	972	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	1,865	1,933	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	5,653	6,979	15,671	14,328	19,087	24,816	4,034	(D)	(D)	0	(D)	(D)
Stone, clay, and glass products	3,970	3,750	4,452	5,694	5,056	4,889	9,674	9,623	9,221	9,193	9,766	8,134
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	150	(D)	(D)	(D)	1,307	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	201	(D)	(D)	(L)	0	0	0	207	221
Transportation and public utilities	29,367	31,398	33,936	38,378	41,105	43,458	107,493	78,488	61,736	111,187	170,366	160,159
Railroad transportation	2,695	1,333	1,345	1,387	1,406	1,283	993	1,059	1,165	1,463	1,560	1,472
Trucking and warehousing	9,525	9,694	10,075	12,122	13,283	14,074	37,061	41,233	34,551	36,196	36,031	26,399
Water transportation	(D)	(D)	(D)	(D)	(D)	0	0	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	942	(D)	(D)	(D)	(D)	1,547	12,976	16,542	16,081	14,499	12,983	13,341
Communication	(D)	13,936	14,582	15,745	16,316	17,183	16,265	21,382	22,021	20,947	20,375	19,818
Electric, gas, and sanitary services	3,869	5,204	6,365	7,222	7,816	9,371	40,198	−1,712	−12,066	38,100	99,426	99,128
Wholesale trade	48,897	49,654	54,902	62,484	71,558	77,352	143,488	153,982	117,896	114,923	122,641	101,384
Retail trade	100,458	105,035	118,387	130,248	146,032	159,551	144,744	167,290	153,776	143,875	151,148	136,192
Finance, insurance, and real estate	29,635	30,900	38,261	43,759	47,334	55,221	38,375	47,895	53,701	50,009	46,418	44,709
Banking and credit agencies	12,420	14,282	16,869	20,037	23,050	26,275	17,188	23,650	26,100	23,703	22,550	21,133
Other finance, insurance, and real estate[9]	17,215	16,618	21,392	23,722	24,284	28,946	21,187	24,245	27,601	26,306	23,868	23,576
Services	106,567	126,087	135,991	164,542	184,262	203,921	191,062	218,280	204,729	206,743	219,853	207,777
Hotels and other lodging places	5,738	6,040	6,895	6,966	6,567	7,062	5,529	4,758	4,175	5,570	4,450	3,473
Personal services	7,395	7,530	8,742	9,542	11,314	12,562	12,972	15,926	14,243	13,509	15,725	15,323
Private households	3,709	4,059	4,315	4,899	5,038	5,292	2,578	2,863	3,052	3,437	3,502	3,650
Business services	8,264	10,651	13,045	18,438	21,177	24,793	51,531	59,062	53,276	55,314	63,377	53,562
Auto repair, services, and garages	7,717	12,171	8,083	9,734	10,172	11,367	17,577	18,547	19,456	16,940	18,120	16,687
Miscellaneous repair services	2,090	2,266	2,820	3,802	3,097	3,584	29,717	31,138	18,810	19,387	16,766	12,290
Amusement and recreation services	5,436	5,786	5,795	6,264	6,000	6,323	2,645	3,490	3,652	3,800	4,488	4,105
Motion pictures	542	1,491	460	542	697	744	428	438	368	402	(D)	236
Health services	30,072	37,460	42,299	50,918	58,447	63,319	30,961	39,628	45,283	45,913	49,875	52,838
Legal services	8,527	10,053	11,384	13,292	13,552	14,530	8,140	10,239	11,738	12,980	13,062	15,980
Educational services	1,740	1,914	2,069	(D)	3,090	3,583	815	950	1,005	1,316	(D)	1,605
Social services	1,973	2,395	2,897	3,784	4,726	6,457	1,949	2,004	2,092	2,459	2,345	2,648
Museums, botanical, zoological gardens	0	0	0	(D)	0	0	0	0	0	0	0	0
Membership organizations	6,191	7,283	8,170	9,242	10,005	10,215	6,068	7,699	7,426	7,427	7,567	7,580
Miscellaneous services	17,173	16,988	19,017	24,623	30,380	34,090	20,152	21,538	20,153	18,289	18,863	17,800
Government and government enterprises	96,376	106,272	113,217	124,902	139,412	156,773	102,048	120,730	135,269	143,104	151,452	158,846
Federal, civilian	8,078	8,608	9,547	10,599	11,849	12,176	7,452	8,062	8,447	8,833	9,123	8,830
Military	1,098	1,326	1,531	1,706	1,988	2,177	1,591	2,138	2,239	2,199	2,466	2,632
State and local	87,200	96,338	102,139	112,597	125,575	142,420	93,005	110,530	124,583	132,072	139,863	147,384

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Oklahoma City, OK (MSA)						Olympia, WA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**10,639,450**	**11,907,866**	**12,122,565**	**12,813,995**	**13,241,997**	**13,266,924**	**1,380,793**	**1,423,529**	**1,527,730**	**1,676,589**	**1,832,394**	**1,984,361**
Nonfarm personal income	10,611,305	11,864,210	12,095,934	12,782,875	13,207,089	13,212,623	1,359,312	1,401,241	1,504,290	1,651,495	1,805,599	1,953,167
Farm income[1]	28,145	43,656	26,631	31,120	34,908	54,301	21,481	22,288	23,440	25,094	26,795	31,194
Population (thousands)[2]	888.7	929.0	960.1	971.5	979.0	982.9	129.9	133.3	136.0	138.4	141.9	146.6
Per capita personal income (dollars)	**11,973**	**12,818**	**12,627**	**13,191**	**13,526**	**13,497**	**10,626**	**10,682**	**11,235**	**12,112**	**12,910**	**13,533**
Derivation of total personal income:												
Total earnings by place of work	8,653,337	9,613,107	9,701,816	10,267,167	10,432,193	10,268,978	839,017	844,786	917,922	1,025,029	1,127,120	1,242,268
Less: Personal contributions for social insurance[3]	465,346	526,843	578,446	610,566	644,730	634,929	44,373	46,393	50,647	56,489	63,469	69,493
Plus: Adjustment for residence	−243,454	−231,508	−251,427	−278,788	−266,794	−240,022	126,266	129,030	119,149	113,934	120,360	121,525
Equals: Net earnings by place of residence	7,944,537	8,854,756	8,871,943	9,377,813	9,520,669	9,394,027	920,910	927,423	986,424	1,082,474	1,184,011	1,294,300
Plus: Dividends, interest, and rent[5]	1,403,665	1,608,228	1,684,885	1,833,747	1,964,956	2,006,298	222,440	232,917	260,680	289,278	311,983	330,920
Plus: Transfer payments	1,291,248	1,444,882	1,565,737	1,602,435	1,756,372	1,866,599	237,443	263,189	280,626	304,837	336,400	359,141
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,112,591	7,963,310	7,955,058	8,400,629	8,503,361	8,291,193	700,520	703,679	758,526	848,577	936,888	1,029,159
Other labor income	675,924	781,575	798,521	820,081	797,917	774,978	43,414	47,748	52,954	57,638	61,867	68,271
Proprietors' income[6]	864,822	868,222	948,237	1,046,457	1,130,915	1,202,807	95,083	93,359	106,442	118,814	128,365	144,838
Farm	20,022	34,625	17,897	22,500	26,198	45,541	15,350	14,641	16,095	17,899	19,504	23,848
Nonfarm	844,800	833,597	930,340	1,023,957	1,104,717	1,157,266	79,733	78,718	90,347	100,915	108,861	120,990
Earnings by industry:												
Farm	28,145	43,656	26,631	31,120	34,908	54,301	21,481	22,288	23,440	25,094	26,795	31,194
Nonfarm	8,625,192	9,569,451	9,675,185	10,236,047	10,397,285	10,214,677	817,536	822,498	894,482	999,935	1,100,325	1,211,074
Private	6,938,844	7,637,708	7,591,766	8,058,994	8,049,728	7,808,926	460,559	465,829	505,096	568,530	616,500	690,833
Agricultural services, forestry, fisheries, and other[7]	19,196	22,435	25,516	24,906	22,890	24,534	8,525	8,232	10,478	10,727	10,639	12,561
Agricultural services	17,073*	(D)	(D)	22,200*	20,898*	22,355*	3,146	3,455	3,617	4,183	4,132	5,596
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	339*	5,379	4,777	6,861	6,544	6,507	6,965
Mining	879,382	1,043,301	753,329	721,984	652,643	499,882	3,014	2,509	2,741	2,920	3,944	4,098
Coal mining	2,107*	(D)	(D)	(D)	1,828*	1,832*	86	88	108	205	217	224
Oil and gas extraction	842,675*	1,001,371*	720,657*	687,896*	620,981*	484,899*	2,372	1,730	1,536	1,698	2,688	2,728
Metal mining	(D)	(D)	(D)	(D)	317*	423*	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	4,581*	(D)	(D)	(D)	(D)	(D)	558	708	1,099	1,027	1,026	1,109
Construction	557,969	627,405	643,404	674,584	622,534	579,609	45,715	39,332	48,242	63,890	61,643	70,639
Manufacturing	1,245,099	1,178,474	1,268,153	1,490,252	1,484,752	1,409,459	74,867	72,501	77,763	80,762	87,004	97,201
Nondurable goods	344,981	360,477	371,837	395,326	392,334	390,749	37,498	37,073	39,059	39,929	40,651	48,562
Food and kindred products	131,955*	136,498*	131,579*	136,121*	137,785*	127,217*	(D)	(D)	(D)	(D)	16,397	18,431
Textile mill products	1,503*	1,018*	1,423*	1,631*	887*	969*	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	13,928*	14,000*	12,459*	12,363*	(D)	9,932*	(D)	0	0	0	(D)	(D)
Paper and allied products	5,772	6,426	7,104	9,271	10,760	12,244	7,681	7,336	7,752	10,058	10,445	11,263
Printing and publishing	74,908*	82,185	88,111	95,757	101,253	100,369	3,524	3,793	4,669	4,820	6,006	6,734
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	837	3,965
Petroleum and coal products	16,058*	17,275*	19,043*	21,634*	19,602*	18,894*	0	0	0	0	0	0
Tobacco manufactures	673	(D)	(D)	344	208	217	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	82,021*	91,441*	2,782	2,180	3,596	(D)	5,452	6,223
Leather and leather products	207*	(D)	(D)	216*	238*	257*	0	0	0	0	0	0
Durable goods	900,118	817,997	896,316	1,094,926	1,092,418	1,018,710	37,369	35,428	38,704	40,833	46,353	48,639
Lumber and wood products	7,399	(D)	(D)	(D)	(D)	(D)	22,926	20,928	21,564	22,943	27,276	28,823
Furniture and fixtures	(D)	(D)	(D)	9,858*	9,316*	10,512*	(D)	(D)	(D)	587	(D)	712
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	115,486*	124,874*	111,798*	(D)	117,322*	106,424*	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	(D)	(D)	(D)	312,276*	(D)	(D)	892	829	729	837	776	919
Electric and electronic equipment	(D)	(D)	(D)	102,795*	86,249*	83,254*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	47,955*	47,351*	44,518*	46,757*	36,770*	37,489	737	886	1,345	1,849	3,026	2,584
Motor vehicles and equipment	222,360	(D)	(D)	(D)	341,550*	299,881*	0	0	0	0	0	0
Stone, clay, and glass products	34,107*	40,708*	(D)	(D)	(D)	(D)	1,726	1,582	1,591	1,540	1,581	1,597
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	22,749	17,651	23,699	36,318*	38,060*	37,051	397	367	418	(D)	636	532
Transportation and public utilities	677,749	720,188	701,417	706,966	681,493	693,135	37,571	38,199	37,998	38,891	39,669	41,106
Railroad transportation	25,777*	(D)	(D)	24,357	20,837*	20,049	(D)	1,407	1,097	1,047	881	(D)
Trucking and warehousing	276,203	267,677	244,855	248,150	217,597	211,701	9,705	9,866	10,306	11,518	11,867	12,434
Water transportation	(L)	(L)	(L)	(D)	(D)	(D)	1,522	1,794	1,905	1,854	2,233	1,849
Other transportation[8]	47,237*	52,741*	53,841*	56,983*	57,403*	(D)	1,769	1,875	1,964	1,947	2,075	(D)
Communication	213,198*	245,710*	242,407*	235,010*	234,796*	240,690*	(D)	15,339	14,765	14,335	14,125	15,054
Electric, gas, and sanitary services	(D)	116,901*	123,371*	130,642*	134,434*	150,635	8,062	7,918	7,961	8,190	8,488	9,076
Wholesale trade	653,550	733,880	668,495	690,358	696,290	646,207	22,143	23,725	23,960	35,038	36,521	40,408
Retail trade	935,814	1,054,391	1,103,850	1,171,130	1,147,201	1,123,752	98,211	102,773	108,429	113,014	123,007	132,820
Finance, insurance, and real estate	520,569	593,398	646,194	662,395	670,592	682,621	30,025	30,844	34,250	38,959	43,990	53,249
Banking and credit agencies	(D)	217,254*	236,001*	240,266*	262,252*	272,857	12,270	13,202	13,981	15,962	16,854	19,679
Other finance, insurance, and real estate[9]	(D)	350,589*	377,670*	382,130*	386,103*	409,764	17,755	17,642	20,269	22,997	27,136	33,570
Services	1,449,516	1,664,236	1,781,408	1,916,419	2,071,333	2,149,727	140,488	147,714	161,235	184,329	210,083	238,751
Hotels and other lodging places	29,526*	34,942*	37,125*	34,707*	39,884*	44,387*	5,983	4,958	5,700	5,174	5,227	4,645
Personal services	82,712	94,711	98,755	102,127	117,208	120,406	7,284	7,955	8,101	9,478	12,274	13,849
Private households	(D)	26,650	28,343	31,398	31,323	32,074	(D)	(D)	(D)	(D)	1,237	1,280
Business services	276,095	334,588	344,894	384,090	433,841	454,841	20,596	24,062	25,581	31,349	36,341	46,221
Auto repair, services, and garages	100,108	105,971	115,260	132,263	141,936	141,733	6,104	6,615	7,895	9,616	10,715	12,426
Miscellaneous repair services	36,346	37,161	33,478	36,079	31,811	28,353	2,898	3,006	4,095	4,873	4,164	4,465
Amusement and recreation services	25,254*	28,174	29,521	29,949	35,099	34,294	1,859	2,213	2,513	3,231	3,465	4,408
Motion pictures	(D)	(D)	(D)	4,922*	6,192*	6,924*	(D)	(D)	(D)	(D)	532	(D)
Health services	446,030	525,025	576,363	598,054	627,697	651,425	59,804	62,422	68,572	75,147	87,030	97,183
Legal services	108,463	147,591	172,914	200,051	225,746	241,607	5,325	5,685	6,250	8,034	9,534	10,745
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	3,779	4,033	4,709	5,831	5,905	6,494
Social services	34,969*	35,595*	38,090*	41,451*	44,030*	48,638*	2,091	2,579	3,559	4,661	5,953	6,192
Museums, botanical, zoological gardens	(D)	1,617	1,843	1,723	1,558	1,504	0	0	0	0	0	(D)
Membership organizations	59,060*	68,571	72,379	74,826*	78,623	79,671	12,217	13,298	13,808	14,761	15,523	16,832
Miscellaneous services	183,033	180,150	184,138	197,181	211,391	210,431	11,183	9,382	8,918	10,434	12,183	13,381
Government and government enterprises	1,686,348	1,931,743	2,083,419	2,177,053	2,347,557	2,405,751	356,977	356,669	389,386	431,405	483,825	520,241
Federal, civilian	645,561	696,854	736,304	787,520	867,895	866,006	15,864	16,683	17,942	18,703	20,551	21,326
Military	123,115	149,892	168,173	187,671	202,784	213,102	4,065	4,738	5,925	6,473	7,631	8,573
State and local	917,672	1,084,997	1,178,942	1,201,862	1,276,878	1,326,643	337,048	335,248	365,519	406,229	455,643	490,342

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Omaha, NE—IA (MSA)						Orange County, NY (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,584,711**	**7,015,472**	**7,389,998**	**8,005,980**	**8,517,561**	**8,928,824**	**2,795,513**	**3,019,619**	**3,315,396**	**3,660,255**	**3,979,503**	**4,277,622**
Nonfarm personal income	6,498,810	6,955,343	7,361,849	7,949,271	8,410,597	8,816,089	2,769,984	2,993,558	3,294,810	3,634,931	3,954,113	4,247,928
Farm income[1]	85,901	60,129	28,149	56,709	106,964	112,735	25,529	26,061	20,586	25,324	25,390	29,694
Population (thousands)[2]	590.5	595.3	600.2	606.6	611.0	614.3	263.2	265.8	268.5	272.7	276.0	281.7
Per capita personal income (dollars)	**11,152**	**11,784**	**12,312**	**13,198**	**13,940**	**14,535**	**10,621**	**11,360**	**12,348**	**13,424**	**14,418**	**15,186**
Derivation of total personal income:												
Total earnings by place of work	5,234,578	5,529,841	5,817,117	6,362,422	6,811,284	7,134,404	1,402,824	1,502,292	1,657,291	1,846,041	2,025,121	2,216,701
Less: Personal contributions for social insurance[3]	331,518	375,772	381,683	422,028	473,263	504,162	82,649	88,747	99,046	111,960	127,757	140,800
Plus: Adjustment for residence	−137,158	−148,752	−169,582	−183,236	−199,886	−197,187	606,459	644,603	752,343	831,594	930,345	984,621
Equals: Net earnings by place of residence	4,765,902	5,005,317	5,265,852	5,757,158	6,138,135	6,433,055	1,926,634	2,058,148	2,310,588	2,565,675	2,827,709	3,060,522
Plus: Dividends, interest, and rent[5]	977,741	1,088,536	1,135,794	1,231,359	1,269,122	1,319,854	396,486	444,794	457,178	521,230	541,056	576,089
Plus: Transfer payments	841,068	921,619	988,352	1,017,463	1,110,304	1,175,915	472,393	516,677	547,630	573,350	610,738	641,011
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,367,799	4,652,101	4,910,102	5,338,450	5,672,674	5,922,549	1,154,553	1,245,627	1,359,211	1,515,732	1,673,992	1,824,629
Other labor income	386,747	437,486	466,847	486,420	503,425	520,643	100,898	113,093	121,125	130,118	140,041	151,291
Proprietors' income[6]	480,032	440,254	440,168	537,552	635,185	691,212	147,373	143,572	176,955	200,191	211,088	240,781
Farm	75,081	48,821	17,171	45,847	95,976	101,677	16,018	15,293	10,279	15,231	15,143	19,375
Nonfarm	404,951	391,433	422,997	491,705	539,209	589,535	131,355	128,279	166,676	184,960	195,945	221,406
Earnings by industry:												
Farm	85,901	60,129	28,149	56,709	106,964	112,735	25,529	26,061	20,586	25,324	25,390	29,694
Nonfarm	5,148,677	5,469,712	5,788,968	6,305,713	6,704,320	7,021,669	1,377,295	1,476,231	1,636,705	1,820,717	1,999,731	2,187,007
Private	4,203,139	4,432,192	4,700,191	5,146,407	5,473,765	5,737,897	1,032,400	1,084,804	1,199,914	1,346,989	1,483,548	1,641,194
Agricultural services, forestry, fisheries, and other[7]	15,917*	18,224*	21,273*	21,719*	21,205*	24,014*	5,410	6,127	7,342	7,656	7,752	9,478
Agricultural services	16,277	18,250*	20,822*	21,980	20,937*	23,687*	5,328	6,139	7,081	7,466	7,593	9,283
Forestry, fisheries, and other[7]	(D)	(L)	498	(D)	275	336	82	(L)	261	190	159	195
Mining	20,212*	17,607*	15,801*	19,290*	25,802*	25,571*	5,802	5,567	3,931	4,762	7,101	7,398
Coal mining	2,205	1,816	2,356	3,083	3,370	3,453	(L)	(L)	(L)	58	60	63
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	5,412	5,162	3,425	3,770	5,751	5,995
Metal mining	(L)	(L)	(L)	−53	106	257	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	367	413	477	948	1,275	1,291
Construction	285,940	283,489	307,820	338,951*	404,968	414,216	62,494	68,443	81,164	100,379	118,723	147,837
Manufacturing	735,929	735,285	768,747	845,719	854,799	870,427	272,390	272,659	282,456	316,096	326,599	339,568
Nondurable goods	333,598*	352,221*	376,118*	379,169*	394,636*	426,086	157,353	151,834	151,584	172,666	171,475	174,307
Food and kindred products	195,171*	210,779*	225,438*	208,546	195,718*	198,097*	15,038	16,053	16,099	17,635	13,762	13,212
Textile mill products	(D)	(D)	193*	(D)	(D)	(D)	23,596	17,042	13,628	13,501	11,736	13,273
Apparel and other textile products	7,069*	7,086*	7,708*	8,597*	(D)	(D)	15,215	13,786	14,940	14,937	13,237	13,280
Paper and allied products	23,328*	24,718*	23,791*	28,025*	30,669*	35,295*	23,396	22,961	24,650	25,798	27,857	24,087
Printing and publishing	67,230*	67,397*	73,248*	79,753*	93,082*	100,519*	15,582	16,901	18,546	19,827	21,925	24,352
Chemicals and allied products	(D)	(D)	(D)	(D)	30,997*	29,341*	40,545	43,407	42,871	49,338	51,014	49,802
Petroleum and coal products	5,022	(D)	5,404*	(D)	(D)	(D)	1,689	2,995	2,978	3,430	3,694	6,564
Tobacco manufactures	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	19,064	13,346	12,097	13,769	24,883	26,539	28,250
Leather and leather products	(D)	3,105	3,061	(D)	(D)	5,724	8,946	6,592	4,103	3,317	1,711	1,487
Durable goods	387,824*	368,239*	378,980*	452,025*	443,866*	444,341	115,037	120,825	130,872	143,430	155,124	165,261
Lumber and wood products	(D)	(D)	(D)	5,569*	(D)	6,491*	4,845	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	25,003*	27,398*	31,692*	(D)	(D)	7,079	7,084	7,910	7,002	6,549	6,287
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	25,900	27,271	28,853	31,052	27,197	27,292
Fabricated metal products	(D)	42,089*	44,458*	46,995*	(D)	(D)	27,741	27,740	24,484	29,882	31,540	31,328
Machinery, except electrical	120,669	114,480	119,335	136,263	128,856	125,091	10,361	13,822	20,262	25,317	28,300	28,458
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	12,956	14,255	16,915	20,598	21,927	22,772
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	18,713	(D)	(D)	(D)	(D)	(D)	2,075	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	15,664*	13,021	14,359	15,765	8,736	11,210	14,996
Instruments and related products	5,355*	4,766*	6,740*	13,192*	13,889	14,083	7,445	7,582	7,510	8,458	10,457	11,146
Miscellaneous manufacturing industries	17,208*	17,272*	(D)	(D)	(D)	(D)	3,614	4,231	5,111	6,685	10,015	12,990
Transportation and public utilities	692,267	737,570	780,110	827,870	851,098	838,429	133,719	141,837	150,634	160,344	164,056	170,573
Railroad transportation	198,768	209,860	225,692	251,147	247,272	217,226*	3,891	3,125	2,567	2,577	2,837	3,044
Trucking and warehousing	180,033	181,320	182,798	198,281	200,770	218,099	62,981	63,994	67,149	77,724	80,201	81,278
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	−123	(L)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	13,837	(D)	(D)	(D)	20,912	21,593
Communication	(D)	201,110*	220,097*	217,013*	228,694*	229,125*	32,077	37,028	33,150	32,491	30,961	31,364
Electric, gas, and sanitary services	84,215	97,393*	101,066*	108,161	119,122	(D)	(D)	22,970	22,394	25,778	29,268	33,272
Wholesale trade	483,718	503,549	507,992	551,652	563,227	581,891	73,318	78,339	86,895	92,334	119,642	135,400
Retail trade	507,284	528,325	550,406	583,986	631,913	662,339	167,050	172,585	193,779	215,065	239,295	271,928
Finance, insurance, and real estate	443,054	470,540	522,611	566,874	626,902	704,883	50,032	46,087	57,736	63,370	67,672	89,365
Banking and credit agencies	108,498	118,070	128,841	140,311	153,366	162,799*	25,076	26,066	29,305	34,979	31,300	33,755
Other finance, insurance, and real estate[9]	334,556	352,470	393,770	426,563	473,536	539,314*	24,956	20,021	28,431	28,391	36,372	55,610
Services	1,017,177	1,135,886	1,223,511	1,248,423*	1,491,266	1,613,670	262,185	293,160	335,977	386,983	432,708	469,647
Hotels and other lodging places	21,253	25,007*	26,661*	(D)	(D)	(D)	6,330	7,547	7,862	8,183	10,507	11,563
Personal services	45,282	49,496	52,497	57,012	67,485	71,390	15,144	16,354	17,932	19,964	25,115	27,647
Private households	12,113	12,988	13,479	14,987	14,996	15,267	4,891	5,218	5,431	6,030	6,037	6,183
Business services	154,751	180,320	211,955	269,710	331,542	385,591	19,866	24,225	32,683	41,153	50,618	57,875
Auto repair, services, and garages	48,694	48,025	56,268	63,779	66,584	69,178	15,245	14,623	17,810	22,853	24,851	26,078
Miscellaneous repair services	20,124	21,091	24,709	27,522	25,407	26,857	6,100	8,655	9,583	13,075	11,743	10,971
Amusement and recreation services	17,662*	16,602*	18,010*	22,933	24,649*	30,064*	6,285	6,691	7,380	8,249	7,076	7,351
Motion pictures	3,103*	3,536*	4,080*	4,409*	4,869*	4,716*	1,307	1,279	1,237	1,508	1,674	1,784
Health services	381,534	456,332	474,817	(D)	(D)	534,377	113,036	125,496	134,207	147,694	161,548	170,256
Legal services	74,684	83,574	93,103	113,532	127,834	143,874	18,117	21,281	27,859	35,462	39,577	45,166
Educational services	50,373*	52,724*	59,815*	(D)	(D)	(D)	8,974	11,866	13,483	14,749	15,844	16,093
Social services	39,317	42,486*	44,876*	49,615	52,992	56,829*	13,957	13,966	16,603	18,623	21,399	24,518
Museums, botanical, zoological gardens	1,687	1,849	1,951	2,234	2,657	2,847	462	474	492	531	582	605
Membership organizations	38,779	41,103	42,386	45,947	47,297	46,638	14,091	15,461	16,127	17,571	18,648	19,303
Miscellaneous services	104,561	96,587	94,790	107,223	116,077	117,493	18,380	20,024	27,288	31,338	37,489	44,254
Government and government enterprises	945,538	1,037,520	1,088,777	1,159,306	1,230,555	1,283,772	344,895	391,427	436,791	473,728	516,183	545,813
Federal, civilian	186,572	197,903	210,531	221,425	232,794	234,430	82,735	89,920	96,341	103,310	112,663	108,919
Military	241,763	270,944	284,988	307,750	328,228	345,243	53,005	67,540	82,963	90,212	95,870	97,770
State and local	517,203	568,673	593,258	630,131	669,533	704,099	209,155	233,967	257,487	280,206	307,650	339,124

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Orlando, FL (MSA)						Owensboro, KY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**7,618,989**	**8,455,170**	**9,465,091**	**10,594,089**	**11,800,994**	**13,001,408**	**874,546**	**913,692**	**937,313**	**1,019,437**	**1,053,512**	**1,086,422**
Nonfarm personal income	7,480,848	8,296,911	9,235,630	10,394,287	11,577,214	12,771,676	854,367	900,180	948,175	996,847	1,037,162	1,075,401
Farm income[1]	138,141	158,259	229,461	199,802	223,780	229,732	20,179	13,512	−10,862	22,590	16,350	11,021
Population (thousands)[2]	734.4	761.5	794.9	828.9	862.7	898.4	86.6	87.0	87.8	87.8	87.8	87.5
Per capita personal income (dollars)	**10,375**	**11,104**	**11,907**	**12,781**	**13,680**	**14,471**	**10,095**	**10,502**	**10,672**	**11,617**	**12,001**	**12,416**
Derivation of total personal income:												
Total earnings by place of work	5,664,471	6,330,069	7,262,722	8,301,446	9,346,357	10,431,829	590,337	594,198	609,798	680,261	689,700	706,311
Less: Personal contributions for social insurance[3]	285,780	326,218	378,219	441,216	520,243	588,510	30,226	31,558	32,826	35,411	38,260	39,753
Plus: Adjustment for residence	−66,004	−95,006	−176,773	−237,700	−301,675	−336,364	57,870	68,202	64,810	60,773	65,426	65,911
Equals: Net earnings by place of residence	5,312,687	5,908,845	6,707,730	7,622,530	8,524,439	9,506,955	617,981	630,842	641,782	705,623	716,866	732,469
Plus: Dividends, interest, and rent[4]	1,169,786	1,265,515	1,370,800	1,546,924	1,727,966	1,860,568	137,631	151,378	154,798	164,920	176,268	183,623
Plus: Transfer payments	1,136,516	1,280,810	1,386,561	1,424,635	1,548,589	1,633,885	118,934	131,472	140,733	148,894	160,378	170,330
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,679,146	5,316,587	5,999,884	6,908,913	7,784,499	8,698,407	466,363	470,991	500,526	529,830	539,410	552,845
Other labor income	417,545	495,731	577,390	644,452	719,660	797,089	53,322	55,735	58,466	59,428	58,519	58,699
Proprietors' income[6]	567,780	517,751	685,448	748,081	842,198	936,333	70,652	67,472	50,806	91,003	91,771	94,767
Farm	92,104	107,317	180,018	151,301	174,554	180,311	17,197	10,091	−14,150	19,367	13,092	7,725
Nonfarm	475,676	410,434	505,430	596,780	667,644	756,022	53,455	57,381	64,956	71,636	78,679	87,042
Earnings by industry:												
Farm	138,141	158,259	229,461	199,802	223,780	229,732	20,179	13,512	−10,862	22,590	16,350	11,021
Nonfarm	5,526,330	6,171,810	7,033,261	8,101,644	9,122,577	10,202,097	570,158	580,686	620,660	657,671	673,350	695,290
Private	4,670,020	5,231,652	6,043,221	7,038,988	7,955,317	8,916,759	501,632	506,439	540,343	572,478	585,111	601,454
Agricultural services, forestry, fisheries, and other[7]	43,464	43,487	50,091	54,622	58,975	70,305	1,920	1,844	2,058	2,104	1,966	2,255
Agricultural services	43,082	43,373	49,382	54,044	58,364	69,617	1,903	1,845	2,011	2,083	1,941	2,226
Forestry, fisheries, and other[7]	382	114	709	578	611	688	(L)	(L)	(L)	(L)	(L)	(L)
Mining	19,758	16,873	13,376	13,706	21,582	22,874	29,948	27,843	27,606	31,051	28,758	27,131
Coal mining	55	59	71	73	79	82	18,901	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	19,321	16,512	12,817	13,019	(D)	(D)	(D)	9,764	9,924	9,886	9,590	7,246
Metal mining	(D)	(D)	(D)	(D)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	904*	1,620*	(D)	(D)	(D)	(D)	(D)	(D)
Construction	482,577	566,931	599,492	752,406	822,661	915,968	48,261	42,812	44,716	50,217	52,521	58,124
Manufacturing	815,935	906,733	983,858	1,142,992	1,307,679	1,467,809	148,803	145,430	149,993	157,479	152,921	144,452
Nondurable goods	208,064	230,948	255,399	303,045	332,051	347,024	57,201	63,331	68,665	70,771	72,826	78,879
Food and kindred products	(D)	97,905	102,477	108,491	112,623	117,556	32,325	37,743	39,626	38,458	38,110	39,254
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	7,270	7,601	6,366*	5,842*	6,555*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	22,491	23,680*	25,582*	25,380*	22,133*	19,823*	0	0	0	0	0	(D)
Printing and publishing	53,785	59,984	73,784	111,416	138,964	147,762	3,124	3,475	3,644	4,110	4,521	5,130
Chemicals and allied products	16,349	19,283	20,305	22,273	24,266*	26,398*	530	(D)	(D)	(D)	(D)	868
Petroleum and coal products	422	(D)	(D)	(D)	(D)	270	(D)	580	1,181	756	621	623
Tobacco manufactures	0	0	0	0	0	0	10,372	10,717	11,673	13,678	14,667	15,808
Rubber and misc. plastic products	18,668	18,212*	20,784*	24,407*	24,134*	24,788*	9,999	10,264	11,907	13,031	14,065	17,045
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	607,871	675,785	728,459	839,947	975,628	1,120,785	91,602	82,099	81,328	86,708	80,095	65,573
Lumber and wood products	19,708	21,287	25,484	29,850	33,090	38,569	547	371	584	742	776	2,033
Furniture and fixtures	9,532	10,371	11,738	13,099	12,347*	14,198*	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	4,438	5,362	6,616	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	17,309	17,474	15,257	15,843	15,780	16,686
Machinery, except electrical	49,106*	54,055	56,625	78,158	90,270	93,030	1,460	1,384	1,202	1,941	2,138	1,979
Electric and electronic equipment	151,887	149,339	153,073	165,620	164,233	192,109	39,344	37,444	39,084	38,539	38,194	31,193
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	5,352*	(D)	(D)	(D)	12,871*	15,267*	250	(D)	(D)	0	0	0
Stone, clay, and glass products	21,104	20,827	26,102	33,342	35,337	38,879	1,804	1,286	1,585	1,761	1,692	1,768
Instruments and related products	(D)	(D)	28,152*	32,107*	45,511*	50,987*	(L)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	4,073*	5,630*	7,217*	5,555	4,901*	5,597*	0	0	0	0	0	(D)
Transportation and public utilities	375,510	426,031	512,032	584,078	646,595	718,214	62,477	69,179	72,747	70,420	71,117	70,029
Railroad transportation	11,198	11,699	12,874	13,289	12,275	(D)	1,825	1,939	2,120	2,313	2,110	1,681
Trucking and warehousing	100,917	106,707	114,107	137,729	148,354	167,152	10,268	11,473	11,257	11,519	11,784	11,705
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,374	1,480
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	3,546	3,705	4,656	(D)	6,010	6,227
Communication	(D)	185,624*	249,103*	280,851*	309,759*	331,819*	(D)	(D)	(D)	16,156	14,789	13,189
Electric, gas, and sanitary services	36,304	(D)	(D)	(D)	(D)	(D)	28,572	33,425	36,581	34,248	35,050	35,747
Wholesale trade	452,655	485,548	550,516	639,008	723,614	745,960	31,055	30,423	31,311	35,211	38,187	39,179
Retail trade	667,800	737,862	867,089	980,954	1,092,993	1,248,077	65,549	68,080	74,921	78,023	81,173	84,731
Finance, insurance, and real estate	378,204	405,812	482,331	555,364	647,565	750,046	21,303	19,808	22,319	22,552	24,745	31,068
Banking and credit agencies	97,540*	108,991*	128,804*	142,332	167,737	194,965*	9,124	8,576	9,055	9,980	10,583	11,822
Other finance, insurance, and real estate[9]	270,288*	285,417*	340,449*	413,032	479,828	533,220*	12,179	11,232	13,264	12,572	14,162	19,246
Services	1,434,117	1,642,375	1,984,436	2,315,858	2,633,653	2,977,506	92,316	101,020	114,672	125,421	133,723	144,485
Hotels and other lodging places	(D)	(D)	(D)	(D)	247,965	313,630	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	49,012	52,973	58,198	61,601*	75,024*	82,952*	8,085	8,726	9,379	10,011	9,937	10,797
Private households	25,688*	29,324	31,186	35,476	36,495	38,372	1,817	1,945	2,028	2,243	2,245	2,295
Business services	206,904	251,456	334,823	432,319	507,130	565,845	7,037	8,850	9,984	10,772	11,923	13,848
Auto repair, services, and garages	62,514	65,368	74,154	86,235	95,362	107,739	5,307	5,457	7,063	7,625	7,977	8,620
Miscellaneous repair services	24,800	25,735	29,058	34,189	32,847	35,286	1,234	1,477	1,828	2,233	1,918	2,212
Amusement and recreation services	(D)	(D)	(D)	(D)	(D)	(D)	1,598	1,651	2,041	2,552	2,706	2,745
Motion pictures	(D)	(D)	(D)	(D)	(D)	7,268*	(D)	(D)	(D)	(D)	(D)	(D)
Health services	372,629	431,870	492,666	560,440	626,800	702,760	33,511	38,321	44,440	48,688	53,472	58,581
Legal services	80,679	96,320	114,536	137,740	159,272	186,079	6,543	7,472	7,986	9,442	10,434	11,664
Educational services	(D)	(D)	(D)	(D)	31,555*	33,685*	(D)	7,165	8,061	8,627	8,633	8,890
Social services	22,172	23,975	28,700	34,982	39,727	44,690	2,309	2,430	2,018	2,202	2,189	2,301
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	45,920	51,681	57,789	64,088	70,253	73,706	3,948	4,348	4,559	4,761	4,768	4,673
Miscellaneous services	175,710	174,297	214,580	269,750	317,627	359,222	8,508	7,063	8,289	9,092	10,577	11,257
Government and government enterprises	856,310	940,158	990,040	1,062,656	1,167,260	1,285,338	68,526	74,247	80,317	85,193	88,239	93,836
Federal, civilian	140,522	166,705	178,224	187,329	210,028	215,737	6,935	6,820	7,275	7,973	8,429	8,451
Military	232,965	236,182	219,642	232,981	242,822	278,120	2,235	2,654	3,265	3,251	3,246	3,318
State and local	482,823	537,271	592,174	642,346	714,410	791,481	59,356	64,773	69,777	73,969	76,564	82,067

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Oxnard—Ventura, CA (PMSA)						Panama City, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,670,125**	**7,114,614**	**7,857,891**	**8,663,071**	**9,503,343**	**10,355,819**	**879,126**	**960,330**	**1,055,541**	**1,177,698**	**1,284,957**	**1,372,971**
Nonfarm personal income	6,504,318	6,904,176	7,599,912	8,377,657	9,217,160	10,015,776	878,945	959,949	1,055,122	1,177,170	1,284,393	1,372,249
Farm income[1]	165,807	210,438	257,979	285,414	286,183	340,043	181	381	419	528	564	722
Population (thousands)[2]	545.8	561.1	574.5	587.3	600.7	611.0	100.7	104.3	106.7	110.3	114.6	122.3
Per capita personal income (dollars)	**12,222**	**12,680**	**13,677**	**14,750**	**15,821**	**16,950**	**8,730**	**9,210**	**9,892**	**10,681**	**11,210**	**11,223**
Derivation of total personal income:												
Total earnings by place of work	3,472,329	3,802,001	4,179,082	4,683,270	5,184,574	5,736,671	624,685	668,656	740,172	847,259	927,167	986,220
Less: Personal contributions for social insurance[3]	182,122	203,108	230,040	258,647	299,667	331,304	31,562	34,581	38,577	45,025	51,157	55,209
Plus: Adjustment for residence	1,601,378	1,583,664	1,838,586	1,980,440	2,163,316	2,301,524	−10,584	−14,852	−16,516	−22,058	−26,359	−30,116
Equals: Net earnings by place of residence	4,891,585	5,182,557	5,787,628	6,405,063	7,048,223	7,706,891	582,539	619,223	685,079	780,176	849,651	900,895
Plus: Dividends, interest, and rent[4]	940,465	1,006,013	1,096,614	1,239,455	1,334,145	1,439,303	118,246	137,465	146,979	165,502	179,747	199,527
Plus: Transfer payments	838,075	926,044	973,649	1,018,553	1,120,975	1,209,625	178,341	203,642	223,483	232,020	255,559	272,549
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,741,534	3,010,806	3,230,465	3,602,591	4,003,479	4,392,089	527,768	571,496	624,132	713,387	780,339	824,301
Other labor income	243,827	281,703	313,592	343,601	376,133	415,401	39,402	44,317	49,092	55,163	60,196	63,568
Proprietors' income[5]	486,968	509,492	635,025	737,078	804,962	929,181	57,515	52,843	66,948	78,709	86,632	98,351
Farm	91,111	119,286	169,531	197,286	194,967	245,244	(L)	134	179	289	323	480
Nonfarm	395,857	390,206	465,494	539,792	609,995	683,937	57,553	52,709	66,769	78,420	86,309	97,871
Earnings by industry:												
Farm	165,807	210,438	257,979	285,414	286,183	340,043	181	381	419	528	564	722
Nonfarm	3,306,522	3,591,563	3,921,103	4,397,856	4,898,391	5,396,628	624,504	668,275	739,753	846,731	926,603	985,498
Private	2,496,973	2,711,446	3,009,606	3,438,359	3,857,197	4,295,787	421,176	441,802	489,565	572,008	629,984	681,733
Agricultural services, forestry, fisheries, and other[7]	73,834	70,412	79,644	76,385	90,495	90,369	3,845	3,542	5,250	5,357	7,203	6,551
Agricultural services	72,969	69,842	77,780	75,437	87,358	86,786	(D)	2,398	3,229	4,227	3,837	2,690
Forestry, fisheries, and other[7]	865	570	1,864	948	3,137	3,583	(D)	1,144	2,021	1,130	3,366	3,861
Mining	98,905	116,469	126,497	138,447	149,860	126,200	6,333	5,663	4,781	5,940	6,716	6,918
Coal mining	(L)	(L)	(L)	63	69	72	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	90,516	108,890	117,922	128,563	138,981	115,379	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	−89	(L)	(D)	(L)	118	0	0	0	0	0	0
Nonmetallic minerals, except fuels	8,357	7,634	8,540	(D)	10,769	10,631	(D)	(D)	(D)	(D)	(D)	(D)
Construction	248,615	217,830	252,074	321,637	359,850	423,466	45,993	52,824	61,046	81,085	89,354	90,905
Manufacturing	548,957	625,574	655,863	727,513	831,646	871,480	73,507	71,905	72,674	85,859	85,301	90,489
Nondurable goods	147,216	162,950	158,912	167,647	170,807	158,083	40,332	32,334	40,766	47,098	42,538	49,161
Food and kindred products	39,001	43,940	43,396	49,888	46,572	35,172	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	286	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	14,489	14,731	8,941	9,925	11,496	12,389	(D)	(D)	(D)	3,302	(D)	1,100
Paper and allied products	29,031	34,663	32,802	30,195	33,178	39,530	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	22,304	24,044	25,747	29,838	32,969	35,592	3,075	3,462	3,927	4,713	5,342	5,800
Chemicals and allied products	6,739	8,379	10,264	7,951	7,176	8,307	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	7,663	8,116	4,354	5,281	9,547	4,225	0	(D)	(D)	(D)	0	0
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	26,157	27,186	31,251	33,457	29,456	22,289	1,495	1,499	1,917	2,082	1,883	2,250
Leather and leather products	(D)	(D)	(D)	(D)	127	(D)	0	0	0	0	0	0
Durable goods	401,741	462,624	496,951	559,866	660,839	713,397	33,175	39,571	31,908	38,761	42,763	41,328
Lumber and wood products	7,098	6,039	6,497	7,191	6,005	6,371	5,973	5,317	5,796	6,636	6,995	7,298
Furniture and fixtures	6,370	6,752	7,132	9,403	12,262	5,392	(D)	(D)	(D)	(D)	(D)	656
Primary metal industries	15,077	14,686	14,660	16,845	16,563	18,056	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	29,324	34,904	41,997	49,648	36,745	37,708	5,067	7,277	6,492	6,431	5,182	4,525
Machinery, except electrical	80,900	89,710	89,844	92,384	106,016	100,906	(D)	(D)	(D)	(D)	(D)	2,455
Electric and electronic equipment	97,263	104,524	111,770	140,516	213,322	231,186	0	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	128,702	150,037	164,159	172,167	198,561	217,179	7,857	(D)	(D)	7,414	8,676	9,952
Motor vehicles and equipment	563	1,361	2,627	4,749	4,859	4,599	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	5,700	5,850	5,923	8,375	9,756	13,133	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	20,210	38,945	41,003	49,734	49,908	72,339	(D)	(D)	(D)	(D)	471	427
Miscellaneous manufacturing industries	10,534	9,816	11,339	8,854	6,842	6,528	(D)	3,619	4,216	3,946	3,903	3,504
Transportation and public utilities	173,845	186,701	202,705	221,672	273,403	380,207	42,984	45,046	44,289	48,345	55,126	56,379
Railroad transportation	2,252	2,165	2,208	2,302	2,113	1,904	2,841	(D)	(D)	(D)	(D)	(D)
Trucking and warehousing	40,600	39,122	43,003	50,138	50,845	51,397	6,596	6,343	6,481	8,792	10,234	11,221
Water transportation	(D)	6,051	6,123	(D)	(D)	11,516	8,666	9,026	7,483	7,583	9,497	7,881
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	45,788	1,706	2,093	2,182	2,174	2,500	2,976
Communication	(D)	(D)	(D)	78,658	121,835	214,256	16,719	17,351	17,231	17,680	19,769	18,858
Electric, gas, and sanitary services	35,167	41,003	44,806	47,363	49,945	55,346	6,456	(D)	(D)	(D)	(D)	(D)
Wholesale trade	139,241	144,939	165,033	191,110	208,147	218,567	27,782	28,127	25,279	26,182	29,773	30,793
Retail trade	375,329	403,270	460,648	514,577	556,786	618,993	85,379	91,674	107,910	124,009	138,188	154,101
Finance, insurance, and real estate	137,381	167,444	205,388	230,967	231,372	275,563	24,579	24,963	31,403	35,293	40,517	45,713
Banking and credit agencies	53,958	59,331	70,667	78,060	83,456	95,855	8,974	10,108	12,081	14,611	17,305	19,062
Other finance, insurance, and real estate[9]	83,423	108,113	134,721	152,907	147,916	179,708	15,605	14,855	19,322	20,682	23,212	26,651
Services	700,866	778,807	861,754	1,016,051	1,155,638	1,290,942	110,774	118,058	136,933	159,938	177,806	199,884
Hotels and other lodging places	12,234	11,873	12,612	16,677	23,155	32,623	13,318	13,169	15,768	17,760	18,533	21,047
Personal services	36,430	41,643	44,423	46,517	57,297	62,681	5,676	6,060	6,922	7,998	9,293	10,380
Private households	10,217	11,125	11,763	13,270	13,559	14,211	(D)	4,655	4,951	5,630	5,797	6,095
Business services	129,551	161,406	197,374	258,920	318,876	364,932	10,320	12,181	15,694	18,838	21,258	25,118
Auto repair, services, and garages	34,566	37,500	42,326	49,942	53,684	58,351	5,880	6,008	7,266	9,078	9,013	9,720
Miscellaneous repair services	20,131	21,241	26,117	33,673	35,546	32,018	5,016	5,658	5,101	5,590	5,487	7,703
Amusement and recreation services	11,336	11,522	14,254	18,943	22,032	22,419	3,925	4,134	4,856	5,729	6,212	6,123
Motion pictures	2,386	3,955	4,534	6,173	6,666	8,451	(D)	449	419	447	440	460
Health services	245,017	280,271	297,172	330,867	361,132	400,674	31,330	36,255	40,980	45,683	49,765	55,747
Legal services	28,820	32,294	38,428	45,170	50,728	57,903	5,437	5,439	6,352	8,036	9,678	10,610
Educational services	19,194	21,697	25,115	29,433	30,599	31,430	2,414	2,401	2,711	3,088	2,977	3,256
Social services	10,357	10,058	11,351	14,862	18,691	19,434	3,138	2,876	3,730	5,139	6,185	6,637
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	0
Membership organizations	34,610	39,214	42,387	45,092	45,668	43,869	4,751	5,049	6,132	8,027	9,211	10,214
Miscellaneous services	106,017	95,008	93,898	106,512	118,005	141,946	14,991	13,724	16,051	18,895	23,957	26,774
Government and government enterprises	809,549	880,117	911,497	959,497	1,041,194	1,100,841	203,328	226,473	250,188	274,723	296,619	303,765
Federal, civilian	241,131	253,690	271,536	284,692	309,306	317,281	53,891	56,343	65,155	74,949	80,540	82,575
Military	114,640	130,404	136,203	142,253	149,088	144,519	79,839	92,310	98,929	107,254	115,440	114,759
State and local	453,778	496,023	503,758	532,552	582,800	639,041	69,598	77,820	86,104	92,520	100,639	106,431

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Parkersburg—Marietta, WV—OH (MSA)						Pascagoula, MS (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,471,143**	**1,519,603**	**1,600,365**	**1,697,982**	**1,789,872**	**1,849,630**	**1,021,438**	**1,154,253**	**1,115,465**	**1,132,614**	**1,136,440**	**1,297,387**
Nonfarm personal income	1,468,114	1,517,427	1,598,348	1,694,968	1,787,768	1,847,766	1,020,913	1,152,795	1,113,908	1,130,882	1,134,573	1,295,448
Farm income[1]	3,029	2,176	2,017	3,014	2,104	1,864	525	1,458	1,557	1,732	1,867	1,939
Population (thousands)[2]	158.3	158.1	158.5	158.1	157.5	156.2	120.0	124.6	126.2	125.4	126.8	128.2
Per capita personal income (dollars)	**9,291**	**9,613**	**10,099**	**10,739**	**11,363**	**11,840**	**8,510**	**9,267**	**8,837**	**9,031**	**8,959**	**10,122**
Derivation of total personal income:												
Total earnings by place of work	1,102,325	1,112,477	1,149,955	1,220,271	1,282,410	1,313,995	933,434	1,092,650	966,298	943,229	1,006,712	1,100,683
Less: Personal contributions for social insurance[3]	63,446	66,544	69,789	74,581	82,033	84,751	48,910	59,443	52,359	51,223	57,130	63,029
Plus: Adjustment for residence	−4,536	−12,715	−14,265	−11,443	−14,181	−13,996	−98,338	−140,895	−95,886	−62,790	−73,880	−82,458
Equals: Net earnings by place of residence	1,034,343	1,033,218	1,065,901	1,134,247	1,186,196	1,215,248	786,186	892,312	818,053	829,216	875,702	955,196
Plus: Dividends, interest, and rent[5]	197,274	216,265	241,542	263,894	280,805	291,618	92,135	100,692	107,828	116,739	62,918	135,714
Plus: Transfer payments	239,526	270,120	292,922	299,841	322,871	342,764	143,117	161,249	189,584	186,659	197,820	206,477
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	921,412	933,099	957,003	1,013,810	1,066,608	1,087,739	778,750	920,578	801,968	778,662	833,080	911,754
Other labor income	96,025	101,486	105,973	109,139	110,796	112,075	109,414	131,589	116,887	110,767	111,788	120,370
Proprietors' income[6]	84,888	77,892	86,979	97,322	105,006	114,181	45,270	40,483	47,443	53,800	61,844	68,559
Farm	1,790	871	756	1,768	843	592	360	1,290	1,394	1,571	1,705	1,776
Nonfarm	83,098	77,021	86,223	95,554	104,163	113,589	44,910	39,193	46,049	52,229	60,139	66,783
Earnings by industry:												
Farm	3,029	2,176	2,017	3,014	2,104	1,864	525	1,458	1,557	1,732	1,867	1,939
Nonfarm	1,099,296	1,110,301	1,147,938	1,217,257	1,280,306	1,312,131	932,909	1,091,192	964,741	941,497	1,004,845	1,098,744
Private	960,072	964,595	994,633	1,057,940	1,110,264	1,133,570	839,457	987,623	848,355	812,046	854,911	930,891
Agricultural services, forestry, fisheries, and other[7]	2,450	2,896	3,266	3,168	3,129	3,547	2,182	2,290	3,405	2,534	4,862	5,848
Agricultural services	2,385	2,922	3,055	2,999	3,047	3,440	709	811	963	806	955	1,341
Forestry, fisheries, and other[7]	65	(L)	211	169	82	107	1,473	1,479	2,442	1,728	3,907	4,507
Mining	29,517	29,836	26,485	26,958	26,636	19,472	1,693	1,440	1,393	2,524	1,962	1,522
Coal mining	1,836	442	524	648	701	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	28,543	25,817	26,112	25,727	19,071	(D)	(D)	(D)	2,506	1,943	1,502
Metal mining	0	(L)	0	0	0	0	(L)	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	855	144	198	208	(D)	(D)	(D)	(D)	0	0	0
Construction	90,417	80,618	73,559	77,157	82,387	81,842	149,176	238,809	139,667	60,248	56,798	63,495
Manufacturing	410,508	408,245	420,458	453,172	461,975	468,314	484,307	529,517	477,467	507,230	524,810	573,458
Nondurable goods	225,025	236,030	249,611	262,727	268,871	279,297	116,650	124,469	141,891	152,966	147,751	150,701
Food and kindred products	13,843	15,251	15,421	(D)	(D)	(D)	13,948	15,907	15,559	17,757	15,860	14,778
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	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	6,356	6,637	6,880	6,919	7,538	8,471	1,756	1,846	2,129	2,196	2,353	2,580
Chemicals and allied products	(D)	(D)	(D)	221,561	226,002	234,330	22,566	20,218	19,773	22,018	20,019	20,416
Petroleum and coal products	1,607	809	889	965	876	837	39,428	47,811	61,320	63,793	63,009	63,821
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)	719	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	185,483	172,215	170,847	190,445	193,104	189,017	367,657	405,048	335,576	354,264	377,059	422,757
Lumber and wood products	4,650	4,068	4,365	5,099	5,336	6,133	2,944	2,644	3,119	4,026	3,480	3,540
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	(D)
Primary metal industries	43,894*	36,078*	37,180*	45,648*	(D)	34,411*	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	49,491	47,397	38,737	41,668	45,472	46,078	4,320	5,069	3,456	5,280	2,980	3,912
Machinery, except electrical	3,735	3,835	2,995	3,040	2,839	2,288	2,226	2,045	1,404	1,174	3,436	5,679
Electric and electronic equipment	(D)	(D)	(D)	11,807*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	0	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,045	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	54,059	53,525	54,156	55,680	58,206	55,555	8,112	6,277	5,859	6,312	5,640	5,374
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	3,692	5,486	5,572	7,190	7,642	5,921
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	65,356	63,403	63,131	66,805	65,372	66,463	30,412	31,430	32,242	32,527	34,516	33,493
Railroad transportation	8,677	8,092	7,837	7,362	5,973	5,673	5,949	5,436	4,873	3,323	1,924	1,603
Trucking and warehousing	26,374	22,809	21,125	23,683	23,027	23,007	4,922	4,502	4,737	5,747	8,659	8,732
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	6,402	5,749	4,884	5,381	6,334	5,858
Other transportation[8]	(D)	5,940*	6,301*	6,239*	(D)	(D)	795	800	854	838	(D)	(D)
Communication	12,930	(D)	(D)	14,346	12,639	13,141	4,304	4,428	4,632	4,296	4,956	4,320
Electric, gas, and sanitary services	10,800	11,677	12,430	13,367	14,779	15,606	8,040	10,515	12,262	12,942	(D)	(D)
Wholesale trade	47,334	50,243	50,874	52,749	57,676	58,937	17,954	18,232	17,118	17,631	19,592	18,577
Retail trade	115,101	116,268	126,691	130,593	136,940	140,403	59,459	61,947	63,431	66,842	73,687	79,328
Finance, insurance, and real estate	33,081	33,403	36,124	37,763	39,738	46,116	19,583	20,545	23,745	19,723	21,558	25,020
Banking and credit agencies	16,852	18,076	18,600	19,495	21,057	23,352	8,713	10,004	10,815	10,786	11,777	12,347
Other finance, insurance, and real estate[9]	16,229	15,327	17,524	18,268	18,681	22,764	10,870	10,541	12,930	8,937	9,781	12,673
Services	166,308	179,683	194,045	209,575	236,411	248,476	74,691	83,413	89,887	102,787	117,126	130,150
Hotels and other lodging places	5,412	5,131	5,090	4,780	4,684	5,900	3,060	3,198	2,687	2,881	3,715	4,243
Personal services	10,232	10,071	11,135	11,046	13,287	13,867	3,061	3,685	3,782	3,634	4,474	4,921
Private households	4,199	4,481	4,642	5,117	5,095	5,194	3,775	4,062	4,231	4,713	4,742	4,873
Business services	22,110	26,677	30,957	36,355	49,709	52,170	11,716	13,304	13,419	15,499	19,190	23,631
Auto repair, services, and garages	7,462	6,493	7,247	7,985	8,459	8,958	3,925	3,689	4,212	4,995	5,500	6,245
Miscellaneous repair services	3,073	3,188	3,760	4,325	5,609	5,067	1,571	2,183	3,675	4,036	4,670	5,231
Amusement and recreation services	2,472	2,527	2,917	3,333	3,770	3,655	1,093	1,005	1,456	3,138	3,620	4,105
Motion pictures	806	627	625	694	662	(D)	206	202	199	201	223	214
Health services	68,302	78,625	83,708	88,055	93,795	99,539	20,568	24,769	25,768	28,006	30,772	33,231
Legal services	7,590	7,828	8,123	9,448	10,291	11,117	5,996	6,869	7,657	8,549	8,982	10,064
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	1,282	1,324	1,293	1,299	1,419	1,530
Social services	(D)	(D)	(D)	(D)	7,245	7,220	2,301	1,740	1,551	1,619	1,653	1,383
Museums, botanical, zoological gardens	0	0	0	0	(D)	(D)	0	0	0	0	0	0
Membership organizations	9,541	10,044	10,684	11,256	11,797	11,512	4,522	5,158	5,275	5,304	5,327	5,035
Miscellaneous services	11,862	10,259	10,400	11,492	13,045	14,276	11,615	12,225	14,682	18,913	22,839	25,444
Government and government enterprises	139,224	145,706	153,305	159,317	170,042	178,561	93,452	103,569	116,386	129,451	149,934	167,853
Federal, civilian	37,511	37,356	39,304	38,965	38,513	37,662	13,507	13,986	16,539	20,874	21,969	22,501
Military	1,807	2,019	2,362	2,405	2,576	2,762	9,220	9,972	13,442	15,738	28,413	37,746
State and local	99,906	106,331	111,639	117,947	128,953	138,137	70,725	79,611	86,405	92,839	99,552	107,606

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Pensacola, FL (MSA)						Peoria, IL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,656,936**	**2,871,795**	**3,125,777**	**3,397,610**	**3,633,395**	**3,902,199**	**4,378,479**	**4,331,393**	**4,196,737**	**4,510,483**	**4,627,459**	**4,739,887**
Nonfarm personal income	2,649,273	2,868,550	3,123,743	3,389,669	3,628,187	3,898,731	4,273,485	4,267,864	4,200,579	4,438,790	4,532,824	4,656,073
Farm income[1]	7,663	3,245	2,034	7,941	5,208	3,468	104,994	63,529	−3,842	71,693	94,635	83,814
Population (thousands)[2]	300.9	308.0	314.7	322.4	328.3	337.1	366.5	364.0	359.8	354.1	346.7	340.4
Per capita personal income (dollars)	**8,830**	**9,324**	**9,933**	**10,538**	**11,068**	**11,577**	**11,946**	**11,900**	**11,664**	**12,739**	**13,347**	**13,925**
Derivation of total personal income:												
Total earnings by place of work	1,969,364	2,092,988	2,280,047	2,474,030	2,612,581	2,787,803	3,541,008	3,296,153	2,982,292	3,308,996	3,398,939	3,479,352
Less: Personal contributions for social insurance[3]	99,597	107,990	119,353	131,278	143,758	155,181	205,728	200,206	182,429	199,055	212,764	220,138
Plus: Adjustment for residence	−7,598	(L)	−11,950	−8,166	1,581	12,972	−197,133	−152,994	−98,517	−124,615	−116,222	−148,606
Equals: Net earnings by place of residence	1,862,169	1,984,985	2,148,744	2,334,586	2,470,404	2,645,594	3,138,147	2,942,953	2,701,346	2,985,326	3,069,953	3,110,608
Plus: Dividends, interest, and rent[5]	286,178	317,143	354,514	415,629	452,578	506,532	711,853	766,272	808,346	871,372	877,876	924,667
Plus: Transfer payments	508,589	569,667	622,519	647,395	710,413	750,073	528,479	622,168	687,045	653,785	679,630	704,612
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,696,212	1,815,413	1,959,798	2,110,272	2,223,324	2,367,705	2,897,140	2,716,943	2,467,483	2,682,433	2,723,414	2,779,526
Other labor income	131,360	146,342	163,884	173,995	182,390	188,608	335,694	314,227	279,627	296,616	296,234	299,653
Proprietors' income[6]	141,792	131,233	156,365	189,763	206,867	231,490	308,174	264,983	235,182	329,947	379,291	400,173
Farm	5,742	1,232	77	6,014	3,258	1,526	96,692	54,297	−12,727	62,973	85,726	74,822
Nonfarm	136,050	130,001	156,288	183,749	203,609	229,964	211,482	210,686	247,909	266,974	293,565	325,351
Earnings by industry:												
Farm	7,663	3,245	2,034	7,941	5,208	3,468	104,994	63,529	−3,842	71,693	94,635	83,814
Nonfarm	1,961,701	2,089,743	2,278,013	2,466,089	2,607,373	2,784,335	3,436,014	3,232,624	2,986,134	3,237,303	3,304,304	3,395,538
Private	1,274,273	1,349,742	1,495,729	1,652,373	1,760,320	1,878,352	3,184,193	2,946,922	2,692,214	2,935,899	2,989,843	3,075,185
Agricultural services, forestry, fisheries, and other[7]	(D)	5,092	6,777	7,285	8,883	9,196	12,875	14,174	16,077	16,382	15,785	17,653
Agricultural services	(D)	4,534	5,191	6,198	6,791	6,977	12,786	14,209	15,778	16,113	15,664	17,493
Forestry, fisheries, and other[7]	902	558	1,586	1,087	2,092	2,219	89	(L)	299	269	121	160
Mining	(D)	17,900	18,258	17,287	16,832	13,687	13,704	13,449	11,995	11,034	9,494	8,996
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	7,710*	6,699*	5,410*	5,836*	7,512*	(D)
Metal mining	0	0	0	0	0	0	(D)	(L)	0	(D)	(D)	0
Nonmetallic minerals, except fuels	826	(D)	(D)	1,258*	1,376*	1,228*	(D)	(D)	(D)	1,220*	(D)	(D)
Construction	176,037	158,454	166,676	187,492	206,642	221,353	232,490	221,678	206,503	201,902	192,819	208,704
Manufacturing	288,734	299,108	315,828	335,133	343,073	338,978	1,602,934	1,327,102	1,033,068	1,191,719	1,195,693	1,184,882
Nondurable goods	(D)	(D)	(D)	259,612	263,482	247,444	168,717	149,862	124,521	147,232	153,350	149,641
Food and kindred products	13,605*	14,233*	15,561*	16,369*	17,634*	18,101*	(D)	68,523	40,285	41,064	40,281	34,467
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)	49,956	48,997	53,008	51,540	(D)	18,860*	17,844*	17,736*	18,086*	(D)	19,948*
Printing and publishing	8,221*	9,410	10,541	11,996	13,280	14,864	42,573	43,969	43,702	45,418	48,375*	51,753*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	342	269	355	456	734	804	(D)	0	165	215	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	474	447	543	557	501	409	(D)	3,289*	3,480*	4,252*	(D)	(D)
Leather and leather products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)	0
Durable goods	57,590*	63,210*	67,500*	75,521	79,591	91,534	1,434,217	1,177,240	908,547	1,044,487	1,042,343	1,035,241
Lumber and wood products	9,723	7,489	8,410	7,502	6,662	6,014	15,407	13,007	12,623	12,433	(D)	8,827*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	3,583	(D)	(D)	(D)	1,669*	1,907*	2,563*
Primary metal industries	0	0	0	0	0	(D)	200,563*	136,911*	98,491*	136,023*	123,526*	112,584*
Fabricated metal products	19,224*	26,504*	28,015*	31,683	30,037*	34,473*	39,355*	(D)	(D)	39,444*	38,366*	35,090*
Machinery, except electrical	4,013*	3,944*	3,317*	3,692	4,188*	5,325*	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	1,956	(D)	(D)	(D)	2,349	2,254	4,767*	4,972*	4,287*	5,555*	6,203	7,556
Transportation equip. exc. motor vehicles	(D)	1,073*	(D)	(D)	(D)	1,531*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	(D)	(D)	361	(D)	(D)	(D)	0	(D)
Stone, clay, and glass products	20,213*	20,398	22,251	25,398	27,961	31,002	4,856*	4,764*	(D)	(D)	(D)	(D)
Instruments and related products	712*	(D)	(D)	657*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	1,007	1,236	1,228	1,384	1,415	(D)	3,086*	(D)	(D)	(D)	(D)
Transportation and public utilities	112,863	127,659	146,752	160,765	163,776	171,493	196,646	204,122	203,337	221,852	214,100	215,151
Railroad transportation	12,075	12,664	13,979	14,014	12,356	11,436	19,792	18,417	17,608	18,631	17,212	13,389
Trucking and warehousing	21,046	22,741	25,231	29,256	29,909	31,086	56,205	53,973	48,326	54,896	51,583	55,495
Water transportation	6,153*	6,725*	9,119*	8,366*	7,841*	6,963*	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	38,369	39,092	41,825	41,331	40,512	38,482	40,344	41,724	46,646	42,878	42,484
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	82,580	(D)	(D)
Wholesale trade	80,296	81,987	87,061	97,229	98,311	106,982	188,403	180,390	170,896	185,472	188,411	195,182
Retail trade	194,171	207,988	233,668	255,063	277,480	303,417	290,490	288,206	295,638	306,016	313,174	317,583
Finance, insurance, and real estate	58,928	60,927	75,235	84,467	90,338	107,553	132,658	127,445	139,358	142,604	152,740	163,778
Banking and credit agencies	25,454	28,548	32,619	37,966	42,561	48,254	55,499	54,712*	55,300*	54,538*	53,846*	55,623*
Other finance, insurance, and real estate[9]	33,474	32,379	42,616	46,501	47,777	59,299	77,159	68,190*	79,672*	83,583*	91,474*	100,283*
Services	340,777	390,627	445,474	507,652	554,985	605,693	513,993	570,356	615,342	658,918	707,627	763,256
Hotels and other lodging places	9,295	10,459	11,224	13,071	13,126	14,437	(D)	11,402*	13,077*	13,801*	14,812*	15,736*
Personal services	14,341	15,049	17,011	19,749	23,135	24,265	29,997	31,561	33,846	31,834	38,057	41,031
Private households	10,111	11,064	11,761	13,346	13,724	14,414	6,097	6,494	6,741	7,475	7,489	7,673
Business services	38,084	44,043	47,575	54,916	66,175	80,444	59,450	72,235	88,479	97,934	110,388	128,096
Auto repair, services, and garages	15,354	15,114	17,774	22,028	22,565	25,167	19,641	17,719	18,736	20,264	21,828	23,404
Miscellaneous repair services	10,130	10,447	10,780	13,682	13,205	15,740	8,723	9,486	9,650	11,060	9,525	10,297
Amusement and recreation services	5,713*	5,952	5,979	6,967	7,369	6,908	7,739	7,810	8,687	9,180	9,390	10,413
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,284	(D)	(D)	(D)	1,418	1,495
Health services	154,337	187,294	212,726	231,618	244,651	258,524	229,812	259,888	268,473	284,116	306,925	322,744
Legal services	18,017	21,906	25,559	31,966	38,568	41,826	32,451	36,126	41,243	44,551	47,501	51,465
Educational services	7,642	8,584	9,423	10,753	11,887	12,992	(D)	24,472*	27,353*	29,594*	(D)	(D)
Social services	6,652	7,981	13,136	14,633	15,820	18,907	18,800*	20,153*	21,186*	22,867*	22,767*	24,413*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	14,548	15,495	17,062	18,965	19,819	20,061	27,301	29,153	28,987	29,674	29,812	29,640
Miscellaneous services	35,616	36,289	44,441	54,747	63,605	70,511	40,333	39,698	44,393	52,756	55,183	60,281
Government and government enterprises	687,428	740,001	782,284	813,716	847,053	905,983	251,821	285,702	293,920	301,404	314,461	320,353
Federal, civilian	234,161	245,862	264,396	277,296	296,925	286,124	47,817	47,852	49,361	49,720	51,315	53,159
Military	259,664	275,485	288,249	292,369	285,328	333,554	4,540	5,073	6,114	10,163	11,276	12,018
State and local	193,603	218,654	229,639	244,051	264,800	286,305	199,464	232,777	238,445	241,521	251,870	255,176

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Philadelphia, PA—NJ (PMSA)						Phoenix, AZ (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**55,325,597**	**59,293,866**	**63,099,011**	**67,802,850**	**73,145,050**	**77,983,443**	**17,555,654**	**18,583,583**	**20,676,917**	**23,492,809**	**26,467,209**	**29,062,155**
Nonfarm personal income	55,198,669	59,138,009	62,950,002	67,614,316	72,919,635	77,756,205	17,389,378	18,427,009	20,547,211	23,271,760	26,283,895	28,860,594
Farm income[1]	126,928	155,857	149,009	188,534	225,415	227,238	166,276	156,574	129,706	221,049	183,314	201,561
Population (thousands)[2]	4,733.4	4,743.4	4,751.9	4,772.4	4,790.9	4,825.7	1,562.7	1,608.9	1,657.6	1,731.6	1,816.7	1,900.2
Per capita personal income (dollars)	**11,688**	**12,500**	**13,279**	**14,207**	**15,267**	**16,160**	**11,234**	**11,551**	**12,474**	**13,567**	**14,569**	**15,294**
Derivation of total personal income:												
Total earnings by place of work	38,837,568	40,811,391	43,805,849	47,539,366	51,372,510	55,276,580	12,879,423	13,516,324	15,043,283	17,380,695	19,696,801	21,715,805
Less: Personal contributions for social insurance[3]	2,319,493	2,531,609	2,707,231	3,008,336	3,368,207	3,667,033	743,741	820,984	866,790	1,002,214	1,173,823	1,297,856
Plus: Adjustment for residence	926,340	1,178,402	1,082,960	1,184,750	1,276,138	1,268,625	−21,045	−21,545	−46,057	−62,280	−76,982	−55,269
Equals: Net earnings by place of residence	37,444,415	39,458,184	42,181,578	45,715,780	49,280,441	52,878,172	12,114,637	12,673,795	14,130,436	16,316,201	18,445,996	20,362,680
Plus: Dividends, interest, and rent[4]	8,928,590	9,848,638	10,284,122	11,318,762	12,266,923	12,891,295	3,190,966	3,396,471	3,788,546	4,261,439	4,758,564	5,178,720
Plus: Transfer payments	8,952,592	9,987,044	10,633,311	10,768,308	11,597,686	12,213,976	2,250,051	2,513,317	2,757,935	2,915,169	3,262,649	3,520,755
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	32,314,401	33,982,799	36,279,067	39,402,738	42,465,883	45,574,499	10,817,871	11,414,536	12,673,780	14,592,891	16,581,356	18,246,329
Other labor income	3,360,059	3,653,938	3,869,971	4,000,820	4,231,292	4,497,901	1,032,233	1,113,312	1,225,815	1,346,418	1,501,821	1,634,423
Proprietors' income[6]	3,163,108	3,174,654	3,656,811	4,135,808	4,675,335	5,204,180	1,029,319	988,476	1,143,688	1,441,386	1,613,624	1,835,053
Farm	60,621	82,960	79,545	120,873	156,733	158,233	98,892	83,999	62,690	156,835	119,076	137,144
Nonfarm	3,102,487	3,091,694	3,577,266	4,014,935	4,518,602	5,045,947	930,427	904,477	1,080,998	1,284,551	1,494,548	1,697,909
Earnings by industry:												
Farm	126,928	155,857	149,009	188,534	225,415	227,238	166,276	156,574	129,706	221,049	183,314	201,561
Nonfarm	38,710,640	40,655,534	43,656,840	47,350,832	51,147,095	55,049,342	12,713,147	13,359,750	14,913,577	17,159,646	19,513,487	21,514,244
Private	33,013,866	34,566,137	37,139,963	40,492,135	43,910,787	47,630,626	10,881,434	11,326,936	12,734,566	14,828,359	16,885,434	18,617,889
Agricultural services, forestry, fisheries, and other[7]	135,469	147,893	160,838	171,447	181,737	220,448	85,893	88,017	100,051	113,763	116,597	139,366
Agricultural services	(D)	146,224	154,976	166,653	175,221	212,948	84,367	87,379	97,616	112,477	112,712	134,297
Forestry, fisheries, and other[7]	(D)	1,669	5,862	4,794	6,516	7,500	1,526	638	2,435	1,286	3,885	5,069
Mining	173,536	159,946	132,918	146,593	211,956	211,449	61,241	55,285	55,146	57,487	79,782	79,754
Coal mining	1,665	(D)	(D)	(D)	2,073*	2,169*	475	353	232	535	438	409
Oil and gas extraction	(D)	131,564*	104,168*	113,553*	(D)	(D)	51,425	44,779	36,647	39,480	62,060	64,789
Metal mining	(L)	(D)	(D)	(D)	127	377	5,341	6,932	14,041	11,947	11,728	11,610
Nonmetallic minerals, except fuels	(D)	19,951*	21,328*	24,902*	(D)	27,026*	4,000	3,221	4,226	5,525	5,556	2,946
Construction	2,041,202	2,137,502	2,354,787	2,696,609	2,654,397*	3,099,334*	1,311,648	1,239,523	1,479,711	1,812,251	2,175,778	2,287,684
Manufacturing	10,116,677	10,115,195	10,319,705	10,963,711	11,594,313	11,858,497	2,641,474	2,674,576	2,858,451	3,310,615	3,600,976	3,899,124
Nondurable goods	4,451,417	4,586,582	4,788,802	4,963,599	5,249,517	5,409,649	429,535	446,252	487,699	537,810	565,264	637,117
Food and kindred products	753,275	757,642	777,594	814,154	871,658	886,244	137,982	132,579	133,495	130,331	129,544	147,932
Textile mill products	166,774*	153,774*	148,678*	146,443*	(D)	(D)	1,285	1,588	1,657	(D)	(D)	(D)
Apparel and other textile products	367,175*	353,930*	367,196*	411,045	382,736	365,075	27,454	27,507	32,288	37,193	37,974	43,333
Paper and allied products	477,486*	461,942*	482,568*	517,828*	546,055*	582,128*	11,843	12,242	13,944	15,970	17,302	19,840
Printing and publishing	745,700	784,579	829,542	870,529	969,548	1,039,472	150,635	166,063	186,036	217,157	237,850	261,548
Chemicals and allied products	1,064,910	1,141,279	1,253,126	1,305,806	1,417,362	1,502,164	63,647	67,512	75,082	80,889	81,379	90,671
Petroleum and coal products	554,059*	610,793	607,616	548,530*	577,793	558,032*	2,419	2,163	3,216	3,073	3,336	3,051
Tobacco manufactures	1,784	1,885	1,966	2,188	2,231	2,461	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	266,346*	263,314*	258,123*	293,921*	315,450	309,870	33,531	35,827	41,049	(D)	(D)	(D)
Leather and leather products	(D)	(D)	11,747*	12,458*	(D)	(D)	697	764	911	1,269	1,432	1,722
Durable goods	5,665,260	5,528,613	5,530,903	6,000,112	6,344,796	6,448,848	2,211,939	2,228,324	2,370,752	2,772,805	3,035,712	3,262,007
Lumber and wood products	46,029	41,773	49,230	(D)	(D)	(D)	62,147	56,659	72,583	83,666	88,903	103,720
Furniture and fixtures	132,755	130,972*	139,606*	167,294*	178,992*	193,546*	28,153	28,345	34,019	41,966	48,977	53,892
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	139,290	123,752	110,786	120,376	147,356	152,107
Fabricated metal products	840,376	815,153	788,167	852,234	882,379	914,376	126,696	118,782	123,476	145,983	144,030	147,518
Machinery, except electrical	1,272,425	1,278,029	1,255,460	1,328,249	1,460,054	1,351,592	451,673	459,969	468,046	516,943	537,357	512,387
Electric and electronic equipment	954,197	(D)	(D)	1,130,697	1,193,693	1,254,321	713,896	780,337	851,147	1,029,279	1,061,423	1,117,542
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	362,655	354,375	383,962	446,043	544,322	690,211
Motor vehicles and equipment	161,208	138,876*	(D)	(D)	201,394*	214,044*	21,157	18,668	20,509	26,121	30,715	29,904
Stone, clay, and glass products	308,875	307,009	294,315	317,147	338,467	360,300	87,917	75,594	92,034	113,160	131,963	138,467
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	185,859	178,703	176,119	204,186	250,912	260,780
Miscellaneous manufacturing industries	127,848	127,132	144,807	172,585	180,377	192,342	32,496	33,140	38,071	45,082	49,754	55,479
Transportation and public utilities	2,779,628	2,853,082	2,951,286	3,112,292	3,021,158*	3,150,440*	907,636	904,962	985,584	1,048,231	1,140,947	1,247,491
Railroad transportation	389,923	340,038	308,311	331,556	339,084	319,850	16,634	17,366	18,982	19,949	17,816	15,307
Trucking and warehousing	635,712	625,572	632,317	689,901	719,081	769,724	198,270	203,826	218,777	256,751	258,698	275,145
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	181,883	201,098	211,830	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	291,319	339,096	347,742	337,489	364,811	375,747
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	226,195	(D)	(D)	(D)	(D)	(D)
Wholesale trade	2,853,055	3,007,703	3,192,023	3,577,332	3,836,971	4,084,711	868,290	897,902	952,715	1,114,347	1,278,880	1,335,974
Retail trade	3,607,185	3,742,077	4,103,610	4,387,489	4,749,635	5,198,595	1,514,092	1,608,560	1,778,095	2,013,174	2,292,816	2,492,226
Finance, insurance, and real estate	2,515,601	2,573,228	3,023,696	3,278,007	3,698,249	4,455,452	922,511	968,265	1,166,257	1,358,176	1,640,052	1,986,885
Banking and credit agencies	697,704*	838,717	932,101	1,001,984	1,134,411	1,298,148	359,504	(D)	(D)	(D)	(D)	806,899
Other finance, insurance, and real estate[9]	(D)	1,734,511	2,091,595	2,276,023	2,563,838	3,157,304	563,007	(D)	(D)	(D)	(D)	1,179,986
Services	8,791,513	9,829,511	10,901,100	12,158,655	13,573,816	14,910,026	2,568,649	2,889,846	3,358,556	4,000,315	4,559,606	5,149,385
Hotels and other lodging places	(D)	(D)	(D)	197,739*	204,070*	217,986*	155,264	155,048	185,738	203,455	215,808	245,238
Personal services	312,064	348,167	383,604	407,342	479,579	508,059	132,605	143,214	164,165	177,891	211,875	233,807
Private households	109,307	116,778	121,238	129,661*	129,498*	132,933*	(D)	38,963	41,473	47,397	49,237	52,436
Business services	1,606,914	1,883,168	2,134,162	2,505,642	2,962,154	3,373,043	514,349	605,574	760,239	973,168	1,116,247	1,256,362
Auto repair, services, and garages	334,655	355,590	414,565	480,425	518,138	565,750	125,450	128,558	155,188	191,438	210,836	266,106
Miscellaneous repair services	143,860	155,258	181,366	217,509	222,112	212,896	50,695	53,513	66,369	83,809	80,632	90,658
Amusement and recreation services	159,393	171,502	197,031	219,208	263,899	267,987	52,682	59,381	67,011	81,039	97,869	105,219
Motion pictures	33,573	(D)	(D)	(D)	(D)	(D)	6,953	7,972	9,103	11,942	13,786	17,968
Health services	2,921,470	3,353,139	3,696,000	3,997,943	4,377,777	4,767,421	804,755	948,536	1,066,283	1,187,284	1,328,896	1,482,159
Legal services	678,168	831,301	930,910	1,097,207	1,222,022	1,365,025	197,585	238,043	279,039	343,719	402,244	469,187
Educational services	833,216*	869,741	944,278	1,040,191	1,116,407	1,180,203	60,927	64,292	70,905	82,730	94,275	103,297
Social services	308,165	311,839	340,217	354,817	394,515	484,153	(D)	63,647	71,434	83,091	98,085	111,782
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	2,449	2,845	3,284	3,565	4,057	4,814
Membership organizations	299,006	325,542	348,163	369,758	388,404	403,479	111,843	120,654	129,202	144,710	156,126	165,537
Miscellaneous services	888,553	(D)	(D)	1,065,069	1,214,452	1,339,976	256,488	259,606	289,123	385,077	479,633	544,815
Government and government enterprises	5,696,774	6,089,397	6,516,877	6,858,697	7,236,308	7,418,716	1,831,713	2,032,814	2,179,011	2,331,287	2,628,053	2,896,355
Federal, civilian	1,747,230	1,840,872	1,962,758	2,043,831	2,176,836	2,147,502	332,632	337,083	364,909	402,770	443,637	458,911
Military	426,292	465,906	516,824	527,789	553,989	523,824	180,947	194,347	205,571	211,601	224,900	233,882
State and local	3,523,252	3,782,619	4,037,295	4,287,077	4,505,483	4,747,390	1,318,134	1,501,384	1,608,531	1,716,916	1,959,516	2,203,562

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Pine Bluff, AR (MSA)						Pittsburgh, PA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**744,242**	**749,661**	**798,530**	**848,146**	**900,678**	**947,443**	**25,594,358**	**26,643,167**	**27,259,570**	**28,517,899**	**29,693,876**	**30,998,323**
Nonfarm personal income	721,843	738,597	785,278	836,107	880,346	938,728	25,551,949	26,610,305	27,234,721	28,471,155	29,647,989	30,952,207
Farm income[1]	22,399	11,064	13,252	12,039	20,332	8,715	42,409	32,862	24,849	46,744	45,887	46,116
Population (thousands)[2]	91.1	90.5	90.3	90.4	90.2	90.0	2,206.0	2,198.3	2,190.1	2,171.0	2,139.4	2,122.9
Per capita personal income (dollars)	**8,173**	**8,283**	**8,842**	**9,380**	**9,982**	**10,529**	**11,602**	**12,120**	**12,447**	**13,136**	**13,880**	**14,602**
Derivation of total personal income:												
Total earnings by place of work	599,558	572,476	610,380	655,120	698,226	768,479	18,828,854	18,819,852	19,055,503	20,001,640	20,844,775	21,611,475
Less: Personal contributions for social insurance[3]	34,320	35,243	37,618	40,893	45,464	51,654	1,122,015	1,176,804	1,187,580	1,283,263	1,388,126	1,454,174
Plus: Adjustment for residence	−54,049	−43,033	−44,076	−47,687	−53,005	−85,539	−432,410	−432,400	−524,145	−533,626	−609,843	−543,444
Equals: Net earnings by place of residence	511,189	494,200	528,686	566,540	599,757	631,286	17,274,429	17,210,648	17,343,778	18,184,751	18,846,806	19,613,857
Plus: Dividends, interest, and rent[5]	93,493	105,057	107,452	116,851	125,119	131,832	4,076,450	4,495,304	4,597,241	5,017,283	5,291,249	5,561,554
Plus: Transfer payments	139,560	150,404	162,392	164,755	175,802	184,325	4,243,479	4,937,215	5,318,551	5,315,865	5,555,821	5,822,912
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	494,278	481,958	509,243	547,418	575,859	646,167	15,357,497	15,390,323	15,446,176	16,200,618	16,818,273	17,341,595
Other labor income	52,503	52,245	53,948	56,605	58,352	65,046	1,866,571	1,882,026	1,845,767	1,820,101	1,833,917	1,843,003
Proprietors' income[6]	52,777	38,273	47,189	51,097	64,015	57,266	1,604,786	1,547,503	1,763,560	1,980,921	2,192,585	2,426,877
Farm	15,915	4,174	6,611	5,510	13,710	2,039	32,837	22,428	14,891	36,997	35,965	36,169
Nonfarm	36,862	34,099	40,578	45,587	50,305	55,227	1,571,949	1,525,075	1,748,669	1,943,924	2,156,620	2,390,708
Earnings by industry:												
Farm	22,399	11,064	13,252	12,039	20,332	8,715	42,409	32,862	24,849	46,744	45,887	46,116
Nonfarm	577,159	561,412	597,128	643,081	677,894	759,764	18,786,445	18,786,990	19,030,654	19,954,896	20,798,888	21,565,359
Private	477,403	455,836	476,936	513,353	536,352	608,645	16,876,665	16,811,408	16,947,706	17,708,348	18,445,926	19,147,691
Agricultural services, forestry, fisheries, and other[7]	(D)	2,090	2,208	2,140	1,920	2,058	38,764	40,585	48,818	46,326	39,382	46,144
Agricultural services	(D)	2,093	2,033	2,028	1,805	1,920	37,827	40,553	46,434	44,192	37,239	43,548
Forestry, fisheries, and other[7]	69	(L)	175	112	115	138	937	(L)	2,384	2,134	2,143	2,596
Mining	(D)	1,820	1,822	1,958	2,460	2,267	445,049	430,697	376,492	403,821	435,376	443,188
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	349,181	336,045	290,571	304,745	304,113	310,835
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	84,055	83,572	74,514	85,603	117,061	117,164
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)	13,427*
Construction	49,851	30,736	29,077	30,849	42,343	95,275	1,233,894	1,286,537	1,278,620	1,328,731	1,389,020	1,531,685
Manufacturing	131,583	124,942	131,242	139,907	141,760	159,287	5,923,208	5,284,130	4,860,462	4,795,083	4,640,266	4,349,553
Nondurable goods	79,522	79,823	85,166	81,532	77,592	93,794	991,288	1,031,157	1,023,617	1,066,781	1,066,411	1,006,589
Food and kindred products	9,690	9,407	10,231	10,301	10,239	11,050	219,340	207,912*	214,119*	230,864	207,523*	209,547*
Textile mill products	0	0	0	0	0	0	3,422	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	1,700	(D)	(D)	(D)	(D)	(D)	36,671	34,525	32,125	35,849	28,160	25,047
Paper and allied products	(D)	65,332	69,465	65,919	61,624	76,381	47,241	(D)	45,435*	(D)	(D)	(D)
Printing and publishing	3,410	3,225	3,326	3,299	3,477	3,664	185,252	192,687	207,397	219,282	234,806	241,005
Chemicals and allied products	1,070	799	934	1,063	1,211	1,756	274,167	284,569	279,481	288,973	309,616	317,612
Petroleum and coal products	0	0	0	0	0	0	162,043*	174,086*	152,071*	159,039	125,719	42,009
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)	62,136*	65,729*	71,204*	78,438*	83,846*	95,974
Leather and leather products	0	0	0	0	0	0	926	703	421	360	415	374
Durable goods	52,061	45,119	46,076	58,375	64,168	65,493	4,931,920	4,252,973	3,836,845	3,728,302	3,573,855	3,342,964
Lumber and wood products	5,331	4,595	5,844	5,873	5,857	6,390	17,951	14,713	14,364	17,168	18,486	19,595
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	29,909*
Primary metal industries	5,358	4,138	3,831	6,149	7,292	8,477	2,256,560	1,718,267	1,450,190	1,408,570	1,265,764	1,106,197*
Fabricated metal products	7,623	7,162	8,008	11,931	14,013	12,916	485,153	399,188*	367,694*	355,018*	365,161*	346,593*
Machinery, except electrical	9,400	7,861	6,970	8,455	8,818	9,318	541,437	514,630	451,632	575,771	564,012	538,696
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	627,274*	654,144*	635,288*	504,946*	438,233*	431,855*
Transportation equip. exc. motor vehicles	10,331	(D)	(D)	(D)	(D)	(D)	173,571*	119,914*	111,009*	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	212,077*	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	359,089*	359,573	346,674	308,050*	323,934*	326,700*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	161,275*	170,180*	156,771*	170,725*	168,434*	168,180*
Miscellaneous manufacturing industries	(D)	1,136	2,039	3,683	4,745	4,549	25,296*	24,359	24,803	31,077	31,276	31,771
Transportation and public utilities	107,258	104,287	100,962	108,906	102,660	90,730	1,366,420	1,397,985	1,420,259	1,441,872	1,437,810	1,454,331
Railroad transportation	61,021	60,934	62,376	68,857	63,285	51,273	148,945	128,304	114,667	114,083	111,601	95,660
Trucking and warehousing	7,573	7,685	5,894	6,730	6,482	6,739	317,227	292,907	270,311	299,857	280,810	285,898
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	25,029*	22,708*	22,563*	15,223*	(D)
Other transportation[8]	2,535	(D)	(D)	(D)	(D)	(D)	208,264*	222,981*	238,806*	251,091*	280,368*	296,939*
Communication	(D)	(D)	(D)	10,509	10,267	10,076	298,968*	344,005	365,747	367,094	327,704	326,363
Electric, gas, and sanitary services	(D)	23,214	18,516	18,742	18,947	19,449	336,033	364,667	387,919	366,064	397,595	412,663
Wholesale trade	22,921	20,026	20,135	25,569	28,538	29,838	1,266,093	1,293,142	1,275,662	1,333,102	1,410,083	1,459,565
Retail trade	54,040	55,000	59,363	60,437	62,072	65,446	1,754,328	1,794,121	1,927,055	1,988,862	2,061,808	2,169,983
Finance, insurance, and real estate	19,831	20,453	26,577	30,400	32,641	36,036	900,149	921,926	1,070,212	1,139,320	1,245,750	1,440,674
Banking and credit agencies	11,998	14,195	18,413	21,008	22,399	(D)	397,739	459,964	511,832	561,901	606,862	659,060
Other finance, insurance, and real estate[9]	7,833	6,258	8,164	9,392	10,242	(D)	502,410	461,962	558,380	577,419	638,888	781,614
Services	86,469	96,482	105,550	113,187	121,958	127,708	3,948,760	4,362,285	4,690,126	5,231,231	5,786,431	6,252,568
Hotels and other lodging places	1,644	1,642	1,547	1,658	2,054	2,032	79,218	(D)	(D)	(D)	(D)	(D)
Personal services	5,163	5,684	6,044	6,272	7,891	8,863	162,875	184,235	195,151	202,574	238,384	250,965
Private households	3,674	3,925	4,099	4,569	4,593	4,722	(D)	38,517	39,944	44,217	44,122	45,252
Business services	8,531	10,459	11,355	14,605	16,309	15,801	529,673	591,179	655,769	911,542	1,093,968	1,181,782
Auto repair, services, and garages	4,710	4,397	5,178	5,986	6,323	6,639	160,046	152,414	157,750	179,460	191,597	204,980
Miscellaneous repair services	2,581	2,467	2,789	3,530	3,212	3,426	75,415	78,900	87,207	92,019	93,559	94,671
Amusement and recreation services	1,118	1,118	1,166	1,375	1,389	1,430	92,817	103,534	116,432	130,996	138,927	138,870
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	15,068	16,396*	14,740*	16,831	16,750	17,547
Health services	39,173	46,725	51,672	53,248	58,094	61,895	1,424,074	1,655,893	1,811,643	1,919,685	2,058,511	2,223,848
Legal services	3,748	4,280	4,915	5,961	6,583	7,279	221,733	273,570	306,352	353,132	381,284	421,220
Educational services	(D)	705	739	904	958	1,031	365,129	385,724	413,123	443,090	472,753	518,056
Social services	3,884	(D)	(D)	(D)	(D)	(D)	85,234	89,622	93,130	103,014	118,130	131,046
Museums, botanical, zoological gardens	(L)	(D)	(D)	(D)	(D)	(D)	(D)	4,386*	4,544*	4,891*	5,180*	5,600*
Membership organizations	3,811	4,006	4,216	4,222	4,262	4,216	168,349	180,013	184,234	186,746	194,245	201,678
Miscellaneous services	7,567	7,088	7,484	6,167	5,310	5,290	528,973	526,915	525,236	560,907	652,540	724,909
Government and government enterprises	99,756	105,576	120,192	129,728	141,542	151,119	1,909,780	1,975,582	2,082,948	2,246,548	2,352,962	2,417,668
Federal, civilian	39,608	40,921	49,185	52,391	56,679	58,778	424,169	438,505	458,823	482,782	502,303	500,417
Military	3,808	4,428	5,535	5,880	6,068	6,687	62,505	61,180	74,679	71,930	79,499	85,704
State and local	56,340	60,227	65,472	71,457	78,795	85,654	1,423,106	1,475,897	1,549,446	1,691,836	1,771,160	1,831,547

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Pittsfield, MA (NECMA)						Portland, ME (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,524,912**	**1,636,713**	**1,743,417**	**1,907,153**	**2,025,041**	**2,172,747**	**2,264,054**	**2,445,179**	**2,664,492**	**2,971,653**	**3,246,149**	**3,592,467**
Nonfarm personal income	1,519,188	1,630,762	1,738,972	1,902,344	2,019,632	2,167,118	2,260,243	2,440,787	2,660,993	2,967,114	3,242,965	3,588,610
Farm income[1]	5,724	5,951	4,445	4,809	5,409	5,629	3,811	4,392	3,499	4,539	3,184	3,857
Population (thousands)[2]	144.1	142.1	142.0	141.9	141.6	141.3	217.2	218.5	221.0	223.8	226.4	228.1
Per capita personal income (dollars)	**10,582**	**11,517**	**12,279**	**13,444**	**14,303**	**15,376**	**10,426**	**11,188**	**12,059**	**13,281**	**14,341**	**15,752**
Derivation of total personal income:												
Total earnings by place of work	1,003,249	1,056,015	1,127,493	1,243,705	1,338,562	1,439,668	1,767,432	1,905,708	2,089,662	2,355,753	2,617,577	2,969,830
Less: Personal contributions for social insurance[3]	56,911	60,400	64,392	71,508	80,278	86,817	96,675	105,005	114,757	130,243	151,221	172,888
Plus: Adjustment for residence	19,439	22,689	22,180	25,387	25,699	32,010	−178,590	−198,069	−217,277	−255,314	−291,572	−345,073
Equals: Net earnings by place of residence	965,777	1,018,304	1,085,281	1,197,584	1,283,983	1,384,861	1,492,167	1,602,634	1,757,628	1,970,196	2,174,784	2,451,869
Plus: Dividends, interest, and rent[5]	286,354	317,193	333,015	373,407	387,570	413,740	391,965	429,298	461,597	538,676	575,334	623,250
Plus: Transfer payments	272,781	301,216	325,121	336,162	353,488	374,146	379,922	413,247	445,267	462,781	496,031	517,348
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	833,023	877,251	927,639	1,022,481	1,097,070	1,174,414	1,461,233	1,590,568	1,724,350	1,943,062	2,156,680	2,440,421
Other labor income	87,285	94,443	99,977	106,245	111,017	117,048	148,089	171,510	189,033	206,316	223,922	253,335
Proprietors' income[6]	82,941	84,321	99,877	114,979	130,475	148,206	158,110	143,630	176,279	206,375	236,975	276,074
Farm	3,616	3,836	2,392	2,786	3,373	3,595	1,740	1,807	977	2,040	674	1,359
Nonfarm	79,325	80,485	97,485	112,193	127,102	144,611	156,370	141,823	175,302	204,335	236,301	274,715
Earnings by industry:												
Farm	5,724	5,951	4,445	4,809	5,409	5,629	3,811	4,392	3,499	4,539	3,184	3,857
Nonfarm	997,525	1,050,064	1,123,048	1,238,896	1,333,153	1,434,039	1,763,621	1,901,316	2,086,163	2,351,214	2,614,393	2,965,973
Private	897,451	947,654	1,013,606	1,124,091	1,209,125	1,299,780	1,494,347	1,605,051	1,769,659	2,004,028	2,241,054	2,578,435
Agricultural services, forestry, fisheries, and other[7]	2,776	2,648	4,285	3,710	5,994	7,043	12,979	9,759	16,570	11,810	26,378	31,232
Agricultural services	(D)	2,359	2,895	3,181	(D)	4,146	5,773	6,538	7,336	7,813	8,745	11,077
Forestry, fisheries, and other[7]	(D)	289	1,390	529	(D)	2,897	7,206	3,221	9,234	3,997	17,633	20,155
Mining	6,396	5,802	5,257	5,747	7,421	7,648	7,574	6,919	5,758	6,484	9,509	9,916
Coal mining	(L)	(L)	(L)	(D)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	3,668	3,005	(D)	4,736	4,881	(D)	6,322	5,182	(D)	9,042	9,398
Metal mining	0	(L)	0	0	0	0	0	0	0	0	0	(D)
Nonmetallic minerals, except fuels	(D)	2,124	2,233	2,427	2,668	2,749	548	588	564	(D)	452	(D)
Construction	45,595	51,179	60,916	73,031	87,069	105,393	110,832	118,771	129,633	163,481	186,201	242,778
Manufacturing	411,187	419,653	424,827	469,801	485,788	488,557	331,058	340,237	352,681	388,805	418,550	455,507
Nondurable goods	127,166	127,665	126,260	134,361	136,450	139,200	170,406	182,691	197,243	206,638	212,504	239,318
Food and kindred products	744	825	700	696	(D)	(D)	39,409	(D)	(D)	(D)	(D)	43,630
Textile mill products	(D)	8,683	8,078	5,738	2,655	3,196	2,647	2,297	2,913	3,588	3,491	4,176
Apparel and other textile products	2,012	3,942	3,054	1,700	2,037	2,328	10,265	10,107	10,749	11,495	10,730	11,522
Paper and allied products	55,347	52,214	51,180	54,988	55,392	55,218	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	13,265	15,612	17,182	18,190	21,190	20,547	20,597	22,834	25,409	28,267	33,240	37,112
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	959	4,627	6,387	7,084	7,124	6,878
Petroleum and coal products	52	(D)	(D)	(D)	(D)	(D)	721	825	812	863	737	858
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(D)	(L)
Rubber and misc. plastic products	14,086	13,971	14,135	19,021	17,367	16,819	(D)	3,692	4,322	4,867	4,897	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	26,827	29,372	33,709	33,640	30,272	31,410
Durable goods	284,021	291,988	298,567	335,440	349,338	349,357	160,652	157,546	155,438	182,167	206,046	216,189
Lumber and wood products	4,666	4,210	3,437	4,203	4,427	3,923	11,924	12,045	13,270	15,190	16,801	16,949
Furniture and fixtures	(D)	(D)	(D)	(D)	0	(D)	1,232	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	575	709	1,025	538	580	465
Fabricated metal products	5,750	5,292	7,206	7,702	6,899	7,718	38,480	33,059	23,035	21,910	22,187	17,977
Machinery, except electrical	30,974	31,836	26,895	31,071	33,825	29,965	43,782	42,130	42,285	51,553	61,778	64,638
Electric and electronic equipment	223,230	231,889	239,492	271,151	283,907	280,695	51,573	57,464	62,021	78,274	88,582	99,473
Transportation equip. exc. motor vehicles	(D)	375	695	798	969	(D)	3,350	3,298	4,184	4,561	5,328	5,935
Motor vehicles and equipment	0	(D)	(D)	(D)	0	0	(L)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	8,887	9,317	11,291	12,502	12,914	18,497	2,287	2,009	2,199	2,301	2,501	3,080
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,879	1,784	1,649	1,713	2,042	1,256
Miscellaneous manufacturing industries	363	449	538	519	598	808	5,531	3,768	4,360	4,426	4,278	4,546
Transportation and public utilities	37,641	39,513	39,816	42,298	46,484	48,431	142,577	161,644	167,717	179,097	187,238	198,717
Railroad transportation	2,139	2,039	2,018	2,530	2,681	(D)	15,858	(D)	(D)	15,793	14,186	13,520
Trucking and warehousing	(D)	8,890	9,366	10,918	11,706	(D)	39,706	41,600	46,293	53,105	56,872	64,517
Water transportation	(L)	−71	−57	−57	(L)	(L)	4,288	4,289	4,422	4,886	5,413	5,177
Other transportation[8]	(D)	5,937	6,163	6,752	7,320	(D)	(D)	(D)	(D)	16,290	17,055	19,221
Communication	12,106	13,448	13,442	11,641	12,609	11,993	(D)	74,495	73,815	74,730	77,160	79,167
Electric, gas, and sanitary services	9,197	9,270	8,884	10,514	12,197	12,917	11,365	11,630	12,542	14,293	16,552	17,115
Wholesale trade	40,519	42,591	45,833	51,464	55,041	58,446	153,395	163,926	176,877	203,048	233,484	258,779
Retail trade	110,778	116,155	129,527	143,944	156,580	177,245	202,170	222,839	259,703	291,950	326,078	380,901
Finance, insurance, and real estate	40,372	36,921	42,521	45,533	49,711	58,212	146,284	160,225	195,787	218,110	245,153	312,311
Banking and credit agencies	17,533	18,208	19,463	21,018	22,151	25,434	36,008	41,849	48,900	54,507	57,622	71,800
Other finance, insurance, and real estate[9]	22,839	18,713	23,058	24,515	27,560	32,778	110,276	118,376	146,887	163,603	187,531	240,511
Services	202,187	233,192	260,624	288,563	315,037	348,805	387,478	420,731	464,933	541,243	608,463	688,294
Hotels and other lodging places	8,506	9,867	10,373	11,380	12,441	13,515	11,913	(D)	(D)	(D)	(D)	(D)
Personal services	9,213	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Private households	6,429	6,862	7,127	7,941	7,977	8,184	(D)	8,052	8,417	9,381	9,446	9,729
Business services	13,298	15,814	19,025	21,262	25,251	30,407	39,216	44,529	51,554	67,427	83,802	98,821
Auto repair, services, and garages	7,494	8,077	9,417	10,420	11,295	12,668	19,834	18,607	19,289	23,580	23,290	26,315
Miscellaneous repair services	1,955	2,159	2,734	3,241	2,640	3,138	7,785	6,944	8,260	10,146	9,649	12,755
Amusement and recreation services	5,608	(D)	(D)	(D)	(D)	(D)	6,987	6,742	7,122	7,616	9,432	10,552
Motion pictures	(D)	825	599	848	872	723	701	655	1,111	1,217	1,544	1,763
Health services	90,487	105,343	115,498	123,502	131,941	143,888	159,912	178,573	194,582	214,670	237,550	260,195
Legal services	6,343	8,631	10,927	13,460	15,179	17,386	33,400	39,108	44,190	55,081	61,167	72,681
Educational services	24,104	29,618	30,884	35,340	37,689	40,653	18,042	21,975	22,951	24,705	27,324	29,557
Social services	8,289	8,429	9,330	11,501	12,606	15,540	11,650	12,248	13,441	15,009	17,480	20,012
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	2,650	2,742	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	7,370	7,748	8,365	9,310	9,855	10,940	13,591	14,689	15,454	17,030	17,801	18,865
Miscellaneous services	11,090	11,328	13,046	15,160	18,700	20,482	40,082	38,396	41,714	53,570	62,967	76,061
Government and government enterprises	100,074	102,410	109,442	114,805	124,028	134,259	269,274	296,265	316,504	347,186	373,339	387,538
Federal, civilian	10,856	14,030	14,348	14,995	15,728	16,128	44,700	48,242	51,125	56,537	61,510	63,695
Military	2,824	3,094	3,612	3,691	3,861	4,504	66,288	74,961	82,094	93,492	96,391	91,303
State and local	86,394	85,286	91,482	96,119	104,439	113,627	158,286	173,062	183,285	197,157	215,438	232,540

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Portland, OR (PMSA)						Portsmouth—Dover—Rochester, NH (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**13,400,769**	**13,678,086**	**14,358,250**	**15,568,118**	**16,503,328**	**17,495,719**	**3,042,564**	**3,314,574**	**3,719,902**	**4,188,155**	**4,746,931**	**5,206,221**
Nonfarm personal income	13,303,429	13,592,852	14,279,861	15,454,757	16,380,850	17,330,023	3,034,278	3,305,354	3,711,130	4,178,675	4,736,034	5,194,414
Farm income[1]	97,340	85,234	78,389	113,361	122,478	165,696	8,286	9,220	8,772	9,480	10,897	11,807
Population (thousands)[2]	1,124.0	1,130.1	1,125.8	1,134.9	1,143.1	1,152.8	283.6	287.0	292.1	298.7	304.6	315.8
Per capita personal income (dollars)	**11,922**	**12,104**	**12,753**	**13,718**	**14,438**	**15,177**	**10,728**	**11,549**	**12,735**	**14,020**	**15,586**	**16,488**
Derivation of total personal income:												
Total earnings by place of work	10,429,495	10,449,088	10,808,700	11,823,450	12,682,005	13,441,213	1,823,396	2,020,713	2,275,900	2,441,470	2,784,043	3,127,170
Less: Personal contributions for social insurance[3]	630,362	680,586	698,147	768,029	851,544	915,613	101,163	114,170	125,336	135,120	161,141	182,362
Plus: Adjustment for residence	−475,339	−491,504	−465,268	−475,297	−549,019	−529,449	517,280	524,197	609,640	817,546	964,608	1,012,556
Equals: Net earnings by place of residence	9,323,794	9,276,998	9,645,285	10,580,124	11,281,442	11,996,151	2,239,513	2,430,740	2,760,204	3,123,896	3,587,510	3,957,364
Plus: Dividends, interest, and rent[5]	2,306,976	2,397,629	2,536,813	2,793,551	2,877,326	3,042,271	425,658	469,489	514,028	596,199	663,713	730,556
Plus: Transfer payments	1,769,999	2,003,459	2,176,152	2,194,443	2,344,560	2,457,297	377,393	414,345	445,670	468,060	495,708	518,301
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	8,609,846	8,683,016	8,917,369	9,711,771	10,269,344	10,906,729	1,475,964	1,653,550	1,827,854	1,940,987	2,209,299	2,476,777
Other labor income	839,681	880,561	894,829	938,876	1,105,885	1,047,386	153,920	177,137	199,331	204,531	229,198	251,294
Proprietors' income[6]	979,968	885,511	996,502	1,172,803	1,306,776	1,487,098	193,512	190,026	248,715	295,952	345,546	399,099
Farm	60,430	43,500	38,564	74,256	82,430	125,475	3,347	3,918	3,393	4,232	5,696	6,419
Nonfarm	919,538	842,011	957,938	1,098,547	1,224,346	1,361,623	190,165	186,108	245,322	291,720	339,850	392,680
Earnings by industry:												
Farm	97,340	85,234	78,389	113,361	122,478	165,696	8,286	9,220	8,772	9,480	10,897	11,807
Nonfarm	10,332,155	10,363,854	10,730,311	11,710,089	12,559,527	13,275,517	1,815,110	2,011,493	2,267,128	2,431,990	2,773,146	3,115,363
Private	8,997,771	8,938,583	9,246,347	10,140,505	10,796,055	11,529,448	1,529,098	1,699,324	1,934,015	2,071,486	2,386,769	2,700,376
Agricultural services, forestry, fisheries, and other[7]	48,439	47,308	62,343	60,170	57,294	66,588	6,456	6,035	9,486	8,243	13,126	16,566
Agricultural services	(D)	38,965	44,286	43,253	41,624	49,486	5,173	(D)	(D)	6,761	7,859	10,296
Forestry, fisheries, and other[7]	(D)	8,343	18,057	16,917	15,670	17,102	1,283	716*	(D)	1,482	5,267	6,270
Mining	51,556	45,817	38,383	40,721	52,064	50,343	6,371	5,943	4,985	5,853	8,638	11,341
Coal mining	11,261	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	30,898	(D)	(D)	(D)	32,793	34,008	5,797	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(D)	(D)	511	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	9,399	7,988	7,009	6,610	8,349	8,050	575	(D)	(D)	(D)	(D)	(D)
Construction	634,153	548,048	514,985	585,538	650,193	694,109	235,317	352,131	409,618	327,810	398,580	418,118
Manufacturing	2,379,242	2,317,639	2,287,039	2,535,368	2,608,478	2,739,279	544,934	536,458	565,713	648,358	699,656	746,490
Nondurable goods	571,685	581,744	605,814	636,653	658,233	685,329	173,321	170,953	196,748	208,066	210,072	211,905
Food and kindred products	178,064	187,625	192,493	191,120	197,146	205,539	(D)	8,580*	11,798*	13,746*	14,671*	15,132*
Textile mill products	20,709*	21,423*	22,288*	23,106*	24,445*	22,314*	6,094	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	29,505	(D)	(D)	32,579*	30,647*	30,637*	1,232*	(D)	(D)	(D)	1,544*	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	9,071	9,276	10,773	11,693	12,646	14,755
Printing and publishing	119,213	124,217	133,068	148,384	163,052	171,498	14,626	14,866	16,892	19,673	22,559	25,314
Chemicals and allied products	38,433	36,658*	38,114*	38,088*	38,763*	36,851*	2,978*	3,275*	3,232*	3,592	3,470	5,362
Petroleum and coal products	9,844	(D)	10,635*	10,497*	7,481*	10,131*	(D)	118	54	70	(D)	243
Tobacco manufactures	88	(L)	(L)	(D)	(D)	77	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	31,596*	36,014*	42,849*	42,452*	42,840*	70,915	63,747	78,782	96,146	105,327	100,413
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	58,036	62,421	65,766	52,744	39,424	36,984
Durable goods	1,807,557	1,735,895	1,681,225	1,898,715	1,950,245	2,053,950	371,613	365,505	368,965	440,292	489,584	534,585
Lumber and wood products	213,446	(D)	(D)	(D)	(D)	(D)	8,854	8,254	10,022	12,249	15,599	17,705
Furniture and fixtures	27,102*	27,244*	28,984*	34,667	35,104	36,793*	(D)	1,998	2,334	2,903	(D)	(D)
Primary metal industries	185,353*	151,112*	146,726*	204,761	197,854*	206,082*	27,930*	25,788*	23,224*	30,332*	41,433*	45,279*
Fabricated metal products	199,614	188,393	196,276	207,789	207,267	198,379	54,760	53,476	52,182	59,262	56,906	62,686
Machinery, except electrical	299,217	(D)	(D)	(D)	(D)	(D)	(D)	139,702	138,343	165,643	201,382	225,505
Electric and electronic equipment	165,088	182,280	204,990	250,876	249,311	259,802	55,024	57,194	61,890	75,171	71,373	73,553
Transportation equip. exc. motor vehicles	141,425*	(D)	83,535*	97,027*	109,087	163,798	(D)	(D)	(D)	(D)	(D)	1,887
Motor vehicles and equipment	101,008	(D)	(D)	(D)	(D)	(D)	1,061	(D)	(D)	(D)	(D)	897
Stone, clay, and glass products	55,145	50,472	48,449	47,392	48,973	55,435	(D)	16,254	15,387	17,094	19,568	20,884
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	33,126*	33,500	36,561	42,515	42,906	45,095	8,885	8,178	9,685	(D)	11,023*	12,048*
Transportation and public utilities	948,383	964,748	996,161	1,068,269	1,096,348	1,118,150	64,043	75,175	91,350	104,626	122,331	145,347
Railroad transportation	85,834	84,628	85,779	89,352*	82,248*	74,018*	1,382	1,578	2,043	2,565	2,415	2,080
Trucking and warehousing	291,376	291,312	306,549	332,047	350,115	354,652	21,050	20,097	21,961	27,321	32,064	37,675
Water transportation	59,664	54,264	53,020	57,296	46,328*	48,291*	2,165	2,034	2,017	2,045*	2,848*	3,177*
Other transportation[8]	97,319*	105,630	112,509	(D)	136,312*	(D)	(D)	5,877	6,967	(D)	(D)	12,789
Communication	(D)	(D)	(D)	(D)	(D)	(D)	12,498	16,555	22,694	23,502	26,046	27,573
Electric, gas, and sanitary services	157,301*	156,467*	158,483*	175,663*	210,957	223,495	(D)	29,034	35,668	40,260	48,503	57,994*
Wholesale trade	1,050,087	1,032,804	1,068,840	1,168,555	1,247,564	1,310,495	96,212	98,803	111,941	125,234	155,843	178,629
Retail trade	1,130,619	1,134,532	1,207,551	1,301,338	1,341,592	1,420,168	223,791	241,033	283,077	319,309	361,497	428,866
Finance, insurance, and real estate	716,484	706,861	761,961	786,931	858,356	981,369	73,481	73,920	90,429	102,823	120,263	160,349
Banking and credit agencies	249,896*	(D)	(D)	289,466	307,958	334,570	25,152	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	452,749*	(D)	(D)	497,465	550,398	646,799	48,329	(D)	(D)	(D)	(D)	(D)
Services	2,038,808	2,140,826	2,309,084	2,593,615	2,884,166	3,148,947	278,493	309,826	367,416	429,230	506,835	594,670
Hotels and other lodging places	51,256*	54,460	57,242	60,119	59,792	64,043	18,621	13,939	18,483	16,970	16,995	20,094
Personal services	102,384	107,185	112,474	111,233*	132,520*	142,352*	15,599	17,469	20,932	23,341	30,177	35,376
Private households	21,965	23,431	24,173	26,923	26,993	27,731	(D)	(D)	(D)	(D)	(D)	(D)
Business services	312,680	324,044	384,772	483,139	580,518	654,855	49,429	62,621	79,874	101,538	123,804	152,207
Auto repair, services, and garages	104,552	99,671	113,340	134,078	143,107	149,905	19,708	19,228	24,574	30,877	35,794	42,552
Miscellaneous repair services	(D)	47,710	54,549	66,266	59,947	70,738	4,186	4,722	6,304	7,633	7,846	9,288
Amusement and recreation services	37,041	37,601	38,846	45,392	55,253	52,400	9,795	9,546	10,931	15,101	16,867	18,314
Motion pictures	5,469*	5,801*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	710,124	779,226	822,063	864,467	942,725	1,026,440	83,946	95,364	105,749	116,663	134,563	152,033
Legal services	158,658	184,961	212,172	248,888	269,261	297,797	14,377	15,183	18,025	21,583	25,165	31,728
Educational services	71,086*	79,713*	84,867*	101,603*	107,747*	113,833*	15,676	17,833	19,446	20,799	22,507	24,962
Social services	58,873	66,427	72,450	82,013	91,644	103,407	5,552	5,938	7,317	10,528	13,554	16,764
Museums, botanical, zoological gardens	3,883*	4,018*	4,292*	4,262*	4,898*	5,926*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	91,051	98,792	100,833	107,205	112,127	116,293	10,085	12,001	13,426	15,361	15,380	15,635
Miscellaneous services	255,085	219,986	211,358	234,302	268,859	292,512	25,287	29,191	35,075	40,556	55,488	66,584
Government and government enterprises	1,334,384	1,425,271	1,483,964	1,569,584	1,763,472	1,746,069	286,012	312,169	333,113	360,504	386,377	414,987
Federal, civilian	329,743	346,196	368,434	398,113	416,404	419,833	45,890	48,320	48,240	50,237	52,160	53,607
Military	21,623	29,607	32,362	32,623	39,246	48,379	62,923	69,398	74,012	78,332	81,744	87,305
State and local	983,018	1,049,468	1,083,168	1,138,848	1,307,822	1,277,857	177,199	194,451	210,861	231,935	252,473	274,075

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Poughkeepsie, NY (MSA)						Providence—Pawtucket—Woonsocket, RI (NECMA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,894,347**	**3,209,039**	**3,453,570**	**3,809,309**	**4,077,472**	**4,391,827**	**9,088,405**	**9,642,581**	**10,382,945**	**11,337,449**	**11,997,120**	**12,803,435**
Nonfarm personal income	2,881,425	3,194,924	3,443,711	3,796,741	4,063,754	4,377,144	9,080,988	9,623,943	10,360,311	11,314,716	11,965,822	12,772,417
Farm income[1]	12,922	14,115	9,859	12,568	13,718	14,683	7,417	18,638	22,634	22,733	31,298	31,018
Population (thousands)[2]	246.4	247.6	250.1	252.0	254.3	256.8	869.9	869.9	871.7	876.7	882.7	890.1
Per capita personal income (dollars)	**11,745**	**12,960**	**13,808**	**15,115**	**16,036**	**17,104**	**10,448**	**11,085**	**11,912**	**12,932**	**13,591**	**14,385**
Derivation of total personal income:												
Total earnings by place of work	2,098,366	2,387,137	2,525,308	2,794,811	2,998,016	3,149,630	6,157,855	6,391,874	6,921,472	7,642,241	8,211,871	8,917,328
Less: Personal contributions for social insurance[3]	126,798	144,484	157,252	175,862	196,531	207,980	420,588	454,104	493,036	542,831	612,024	672,312
Plus: Adjustment for residence	93,130	62,941	112,035	119,943	141,787	244,793	119,532	154,134	194,178	219,414	250,653	174,442
Equals: Net earnings by place of residence	2,064,698	2,305,594	2,480,091	2,738,892	2,943,272	3,186,443	5,856,799	6,091,904	6,622,614	7,318,824	7,850,500	8,419,458
Plus: Dividends, interest, and rent[5]	429,203	457,100	497,584	568,587	605,847	649,426	1,542,793	1,686,168	1,776,568	2,002,173	2,033,908	2,172,742
Plus: Transfer payments	400,446	446,345	475,895	501,830	528,353	555,958	1,688,813	1,864,509	1,983,763	2,016,452	2,112,712	2,211,235
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,766,363	2,016,535	2,128,993	2,358,760	2,536,546	2,656,956	5,167,481	5,365,467	5,730,317	6,337,187	6,797,427	7,366,141
Other labor income	204,704	245,982	247,555	258,730	265,193	269,208	537,338	583,888	627,648	658,916	686,189	734,520
Proprietors' income[6]	127,299	124,620	148,760	177,321	196,277	223,466	453,036	442,519	563,507	646,138	728,255	816,667
Farm	7,350	7,604	3,618	6,444	7,504	8,435	4,084	14,839	18,932	19,174	27,735	27,296
Nonfarm	119,949	117,016	145,142	170,877	188,773	215,031	448,952	427,680	544,575	626,964	700,520	789,371
Earnings by industry:												
Farm	12,922	14,115	9,859	12,568	13,718	14,683	7,417	18,638	22,634	22,733	31,298	31,018
Nonfarm	2,085,444	2,373,022	2,515,449	2,782,243	2,984,298	3,134,947	6,150,438	6,373,236	6,898,838	7,619,508	8,180,573	8,886,310
Private	1,728,168	1,976,833	2,089,150	2,318,557	2,486,484	2,602,908	5,265,151	5,434,515	5,904,961	6,534,053	7,021,667	7,673,512
Agricultural services, forestry, fisheries, and other[7]	5,466	6,088	7,881	8,361	8,326	10,652	27,173	29,305	42,521	37,697	60,300	70,066
Agricultural services	5,325	6,067	7,486	8,042	8,047	10,304	(D)	14,458	17,189	20,189	21,048	24,481
Forestry, fisheries, and other[7]	141	(L)	395	319	279	348	(D)	14,847	25,332	17,508	39,252	45,585
Mining	11,726	11,862	11,811	13,423	15,378	15,467	23,373	22,407	16,683	18,493	25,497	26,239
Coal mining	297	702	891	789	82	85	0	0	0	0	0	0
Oil and gas extraction	6,677	5,787	5,045	5,423	8,185	8,433	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	62	0	0	0	0	0	0
Nonmetallic minerals, except fuels	4,756	5,417	5,880	7,228	7,092	6,887	(D)	(D)	(D)	(D)	(D)	(D)
Construction	74,329	93,922	115,606	161,794	186,960	203,771	271,170	288,295	325,423	387,512	446,788	522,483
Manufacturing	975,894	1,146,883	1,169,241	1,259,624	1,312,796	1,296,685	2,056,014	2,011,145	2,123,387	2,352,518	2,353,478	2,460,289
Nondurable goods	200,802	233,478	188,675	181,032	171,521	160,148	644,355	656,865	691,033	752,341	765,654	806,332
Food and kindred products	9,107	9,435	9,826	8,243	7,994	6,690	(D)	48,538*	50,545*	53,686*	(D)	65,480
Textile mill products	6,922	6,839	6,805	4,827	3,873	4,616	172,090*	174,173	188,693	201,301	194,223	201,097
Apparel and other textile products	4,494	4,009	4,255	4,090	3,462	2,151	44,500*	43,211*	42,555*	44,417*	43,682	44,418*
Paper and allied products	10,995	10,355	10,762	10,993	11,235	9,393	41,066*	(D)	(D)	(D)	(D)	(D)
Printing and publishing	34,687	34,726	22,918	17,200	19,150	22,137	102,573*	114,968	118,584	136,218	148,947	162,662
Chemicals and allied products	885	716	914	1,044	974	670	68,676*	75,399*	75,929*	84,323*	85,737*	89,225*
Petroleum and coal products	(D)	(D)	(D)	(D)	106,935	95,843	(D)	(D)	(D)	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Rubber and misc. plastic products	15,783	15,681	17,160	18,157	17,898	18,648	(D)	112,413*	117,107*	125,053*	132,216*	135,801*
Leather and leather products	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	775,092	913,405	980,566	1,078,592	1,141,275	1,136,537	1,411,659	1,354,280	1,432,354	1,600,177	1,587,824	1,653,957
Lumber and wood products	3,359	3,174	3,607	4,243	4,149	5,022	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	2,770	3,235	4,739	4,870	5,918	6,221	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	472	643	957	1,188	740	1,035	149,213*	143,263	145,346	194,205	146,309	142,847
Fabricated metal products	8,907	8,829	9,001	9,533	10,539	11,105	169,476*	171,621	179,523	190,859	194,613	196,845
Machinery, except electrical	(D)	(D)	(D)	544,544	552,601	544,313	192,339	(D)	(D)	(D)	135,892	146,652
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	125,767	116,329*	133,606*	157,386*	152,174*	157,706*
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	32,801	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	2,590	2,822	3,902	4,611	6,114	8,603	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	5,884	6,139	6,087	5,609	5,120	4,737	(D)	(D)	(D)	97,673	117,164	(D)
Miscellaneous manufacturing industries	889	705	783	1,019	848	900	440,027*	420,100*	442,739*	482,557*	506,875*	539,889*
Transportation and public utilities	77,082	89,303	87,873	94,001	96,733	101,572	296,416	320,844	336,298	349,033	368,444	398,632
Railroad transportation	5,232	2,590	118	100	108	103	15,170	13,318	12,251	11,552*	10,670*	(D)
Trucking and warehousing	13,884	14,828	16,522	19,102	20,338	21,411	73,408	72,601	77,430	86,120	88,039	94,173
Water transportation	(L)	(D)	(D)	(D)	(D)	1,393	(D)	9,124	8,347	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	30,550*	(D)	(D)	(D)	(D)
Communication	31,619	40,876	36,873	36,848	34,656	34,237	101,164*	124,265*	132,011*	123,714*	127,948*	140,609
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	60,397	66,116	68,434	74,458	81,760	86,239
Wholesale trade	80,936	90,222	81,071	87,304	96,421	107,455	362,372	368,675	395,412	433,243	491,133	538,760
Retail trade	147,405	158,077	178,505	197,750	220,138	242,273	601,268	625,710	698,279	761,327	842,375	929,201
Finance, insurance, and real estate	48,797	44,719	57,874	62,589	71,127	93,651	372,110	381,471	441,127	478,765	524,169	615,426
Banking and credit agencies	(D)	(D)	(D)	29,678	31,603	38,123	(D)	154,606*	159,452*	177,469*	206,300	235,167
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	32,911	39,524	55,528	(D)	216,093*	264,285*	283,365*	317,869	380,259
Services	306,533	335,757	379,288	433,711	478,605	531,382	1,255,255	1,386,663	1,525,831	1,715,465	1,909,483	2,112,416
Hotels and other lodging places	6,708	7,177	8,542	9,069	9,444	10,465	14,386*	(D)	(D)	17,324*	(D)	(D)
Personal services	9,552	10,629	12,517	13,278	16,208	18,345	51,835	56,347	67,637	73,303	89,071	98,587
Private households	8,001	8,564	8,923	9,923	9,938	10,192	13,892	14,859	15,444	17,192	17,306	17,857
Business services	37,513	36,374	44,524	51,958	57,643	66,866	147,415	168,320	187,987	228,363	265,931	317,509
Auto repair, services, and garages	11,562	11,471	13,476	16,359	17,488	20,218	47,716	51,327	51,902	61,187	67,564	76,413
Miscellaneous repair services	2,450	2,843	4,974	5,820	5,085	4,882	20,337	22,467	27,331	33,437	32,385	35,337*
Amusement and recreation services	5,929	5,589	5,925	6,989	8,487	9,404	(D)	(D)	(D)	31,628	(D)	37,791
Motion pictures	522	755	691	816	1,332	1,935	(D)	(D)	(D)	2,354*	2,880*	(D)	(D)
Health services	113,112	128,466	141,338	157,828	172,693	192,976	516,549	585,456	633,937	689,544	757,658	808,215
Legal services	18,321	23,034	24,417	31,398	32,607	37,944	81,860	91,256	108,115	134,714	145,916	168,099
Educational services	44,052	47,633	53,915	60,583	65,818	71,534	116,744*	132,582*	148,849*	160,876*	173,394*	191,143*
Social services	20,235	23,918	25,301	28,731	34,401	34,623	58,236	58,517	60,386	65,510	74,736	83,812
Museums, botanical, zoological gardens	238	294	343	381	402	2,061	(D)	(D)	(D)	(D)	276*	(D)	(D)
Membership organizations	12,993	14,917	15,726	16,753	17,721	18,406	52,241	57,867	62,130	66,328	67,345	72,667
Miscellaneous services	15,345	14,093	18,676	23,825	29,338	31,531	92,415	89,517	97,768	115,819	139,518	161,884
Government and government enterprises	357,276	396,189	426,299	463,686	497,814	532,039	885,287	938,721	993,877	1,085,455	1,158,906	1,212,798
Federal, civilian	43,182	44,410	47,601	50,362	52,488	53,468	135,985	141,251	148,657	160,096	170,189	173,290
Military	2,320	2,750	2,657	2,782	3,128	3,337	24,516	27,782	31,716	34,534	37,329	41,861
State and local	311,774	349,029	376,041	410,542	442,198	475,234	724,786	769,688	813,504	890,825	951,388	997,647

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Provo—Orem, UT (MSA)						Pueblo, CO (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,519,461**	**1,575,351**	**1,662,417**	**1,838,578**	**1,969,254**	**2,051,222**	**1,208,981**	**1,228,897**	**1,230,612**	**1,297,648**	**1,352,683**	**1,402,590**
Nonfarm personal income	1,508,739	1,561,992	1,650,368	1,825,900	1,952,649	2,031,040	1,199,033	1,219,856	1,220,324	1,287,390	1,341,344	1,388,860
Farm income[1]	10,722	13,359	12,049	12,678	16,605	20,182	9,948	9,041	10,288	10,258	11,339	13,730
Population (thousands)[2]	226.0	230.5	234.7	236.9	240.1	240.5	126.1	126.1	127.0	126.0	126.0	127.1
Per capita personal income (dollars)	**6,724**	**6,833**	**7,083**	**7,762**	**8,202**	**8,528**	**9,586**	**9,748**	**9,693**	**10,302**	**10,733**	**11,035**
Derivation of total personal income:												
Total earnings by place of work	1,083,919	1,071,248	1,123,325	1,261,973	1,350,921	1,416,515	851,331	805,829	759,010	797,303	832,974	854,390
Less: Personal contributions for social insurance[3]	63,535	65,067	65,702	73,034	79,481	83,425	46,356	44,599	41,705	44,617	48,508	49,709
Plus: Adjustment for residence	123,441	142,023	141,212	164,295	174,213	162,711	−17,088	−15,108	−13,432	−12,099	−13,498	−18,870
Equals: Net earnings by place of residence	1,143,825	1,148,204	1,198,835	1,353,234	1,445,653	1,495,801	787,887	746,122	703,873	740,587	770,968	785,811
Plus: Dividends, interest, and rent[4]	173,121	189,323	206,945	225,251	244,028	257,208	181,013	203,618	215,383	238,535	253,344	263,571
Plus: Transfer payments	202,515	237,824	256,637	260,093	279,573	298,213	240,081	279,157	311,356	318,526	328,371	353,208
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	875,852	864,826	900,942	1,002,610	1,064,998	1,112,387	705,874	668,062	620,300	648,085	678,483	690,802
Other labor income	94,485	92,190	92,885	101,102	104,051	104,202	78,446	72,048	63,034	63,053	63,733	63,619
Proprietors' income[6]	113,582	114,232	129,498	158,261	181,872	199,926	67,011	65,719	75,676	86,165	90,758	99,969
Farm	4,080	5,822	4,777	5,507	9,331	12,834	6,966	6,006	7,345	7,356	8,380	10,749
Nonfarm	109,502	108,410	124,721	152,754	172,541	187,092	60,045	59,713	68,331	78,809	82,378	89,220
Earnings by industry:												
Farm	10,722	13,359	12,049	12,678	16,605	20,182	9,948	9,041	10,288	10,258	11,339	13,730
Nonfarm	1,073,197	1,057,889	1,111,276	1,249,295	1,334,316	1,396,333	841,383	796,788	748,722	787,045	821,635	840,660
Private	923,749	890,734	927,374	1,055,298	1,109,849	1,149,547	672,475	620,976	565,231	596,180	615,115	622,561
Agricultural services, forestry, fisheries, and other[7]	2,318	2,526	3,114	3,169	3,616	3,835	1,834	1,698	1,990	2,149	2,169	2,439
Agricultural services	2,200	2,483	2,912	3,079	3,395	3,582	1,792	1,693	1,873	2,088	2,013	2,263
Forestry, fisheries, and other[7]	118	(L)	202	90	221	253	(L)	(L)	117	61	156	176
Mining	13,334	7,069	3,097	6,053	3,847	2,585	5,275	5,080	4,370	4,464	4,718	4,113
Coal mining	68	110	154	172	185	188	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,897	(D)	(D)	1,950	2,450	2,264	(D)	4,501	4,134	4,165	4,517	3,895
Metal mining	(D)	3,251	212	(D)	(D)	238	(D)	399	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	−105	242	174	232	300	188	189
Construction	77,007	77,631	91,701	101,702	103,551	102,257	43,491	50,731	49,903	53,038	57,558	64,680
Manufacturing	324,701	271,495	244,226	290,686	277,978	258,831	262,829	190,871	128,507	137,814	129,945	119,070
Nondurable goods	30,156	32,667	35,942	38,975	40,691	44,798	15,717	16,020	16,034	17,948	19,117	19,661
Food and kindred products	5,031	5,913	5,835	6,283	8,235	10,034	9,611	9,973	10,022	11,226	12,235	12,630
Textile mill products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	12,296	13,596	15,701	16,432	15,574	15,859	(D)	(D)	(D)	(D)	0	0
Paper and allied products	0	0	0	0	0	0	0	0	0	0	0	0
Printing and publishing	6,024	5,826	6,303	6,909	7,317	8,704	5,292	5,311	5,559	6,167	6,250	6,471
Chemicals and allied products	6,175	6,730	6,756	7,769	8,045	8,690	701	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	0	0	0	0	0	0	0	0	0	226	264	313
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	1,318	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	0	0	(D)	0	0	0	0	0	0
Durable goods	294,545	238,828	208,284	251,711	237,287	214,033	247,112	174,851	112,473	119,866	110,828	99,409
Lumber and wood products	2,296	1,471	1,836	2,492	2,484	2,864	239	300	320	571	723	814
Furniture and fixtures	4,187	4,021	4,205	4,730	4,319	3,589	204	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	94,407	(D)	(D)
Fabricated metal products	35,360	34,944	30,153	37,868	31,534	33,725	4,353	3,415	2,775	4,602	4,418	(D)
Machinery, except electrical	13,266	16,450	20,423	25,424	25,319	29,058	(D)	(D)	(D)	(D)	15,555	16,238
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	787	727	515	3,646	2,197	0	0	0	0	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	10,196	9,713	9,675	12,069	11,554	11,219	10,525	9,270	9,163	9,007	9,051	9,397
Instruments and related products	(D)	(D)	(D)	(D)	218	392	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,976	2,045	1,469	1,249	1,291	1,297	341	340	458	540	558	568
Transportation and public utilities	58,214	61,939	61,186	62,880	65,551	68,623	76,648	81,979	78,407	77,806	76,530	73,963
Railroad transportation	6,652	(D)	(D)	7,479	7,266	5,596	25,678	26,490	27,895	28,633	26,471	22,684
Trucking and warehousing	17,990	18,311	18,218	20,693	21,228	26,871	10,897	12,983	11,490	13,558	14,671	14,284
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	7,194	(D)	(D)	8,338	8,394	9,005	(D)	(D)	(D)	(D)	(D)	(D)
Communication	16,028	16,639	15,644	13,671	14,416	12,496	20,753	20,477	17,174	13,965	13,339	13,680
Electric, gas, and sanitary services	10,359	12,526	13,633	12,711	14,253	14,654	16,177	17,521	17,468	17,601	18,608	19,820
Wholesale trade	28,096	25,392	28,840	29,308	32,066	37,390	26,014	23,793	21,904	25,054	27,763	27,929
Retail trade	105,854	111,207	119,183	126,782	135,324	143,321	87,458	86,792	92,788	98,234	105,638	106,010
Finance, insurance, and real estate	30,390	29,265	33,042	39,066	43,786	47,432	30,120	29,652	32,550	36,668	38,747	42,593
Banking and credit agencies	15,145	16,237	18,064	20,037	20,159	24,630	14,917	15,905	16,735	18,015	20,128	21,930
Other finance, insurance, and real estate[9]	15,245	13,028	14,978	19,029	23,627	22,802	15,203	13,747	15,815	18,653	18,619	20,663
Services	283,835	304,210	342,985	395,652	444,130	485,273	138,806	150,380	154,812	160,953	172,047	181,764
Hotels and other lodging places	2,238	1,445	3,039	3,114	2,298	2,631	2,348	2,390	2,350	2,324	3,921	4,227
Personal services	8,049	9,329	10,217	11,253	14,321	15,717	7,287	7,775	8,225	8,239	9,403	9,943
Private households	2,945	3,229	3,440	3,860	3,909	4,044	1,583	1,736	1,841	2,061	2,089	2,158
Business services	(D)	(D)	(D)	(D)	(D)	(D)	16,319	14,782	9,860	11,107	13,646	14,425
Auto repair, services, and garages	11,049	10,376	12,179	15,431	16,886	17,781	6,817	7,621	8,656	10,442	11,217	11,332
Miscellaneous repair services	3,693	4,876	5,342	6,576	5,570	5,257	2,798	2,816	3,193	3,572	3,602	3,559
Amusement and recreation services	4,498	4,136	4,222	5,601	7,207	7,248	2,202	2,513	2,631	2,790	3,451	3,604
Motion pictures	442	3,109	3,452	11,159	16,006	16,476	(D)	611	570	701	727	(D)
Health services	69,619	81,184	85,041	90,010	102,962	117,126	69,986	81,444	86,470	84,998	86,748	92,979
Legal services	3,597	4,318	4,540	6,194	7,041	8,009	5,759	6,183	6,553	7,241	7,992	8,241
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	647	791	849	1,012	1,277	1,267
Social services	931	730	883	1,146	1,482	2,283	6,901	(D)	(D)	(D)	(D)	10,043
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	20,144	22,202	24,010	27,139	28,504	29,159	7,981	8,647	8,758	9,425	9,666	9,859
Miscellaneous services	15,885	13,180	13,791	16,005	18,857	19,631	7,317	6,108	7,271	8,771	8,929	9,426
Government and government enterprises	149,448	167,155	183,902	193,997	224,467	246,786	168,908	175,812	183,491	190,865	206,520	218,099
Federal, civilian	15,313	15,820	17,218	18,283	19,507	19,757	33,867	32,649	33,152	32,858	35,353	33,835
Military	5,145	6,068	7,129	7,721	8,346	9,668	2,982	3,610	3,750	3,721	7,601	9,682
State and local	128,990	145,267	159,555	167,993	196,614	217,361	132,059	139,553	146,589	154,286	163,566	174,582

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Racine, WI (PMSA)						Raleigh—Durham, NC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,973,149**	**2,033,152**	**2,129,762**	**2,309,539**	**2,403,051**	**2,482,364**	**5,956,649**	**6,472,781**	**7,175,267**	**8,231,381**	**9,293,785**	**10,149,244**
Nonfarm personal income	1,953,124	2,014,455	2,111,780	2,290,927	2,381,875	2,456,078	5,881,082	6,404,441	7,128,739	8,160,511	9,237,939	10,097,909
Farm income[1]	20,025	18,697	17,982	18,612	21,176	26,286	75,567	68,340	46,528	70,870	55,846	51,335
Population (thousands)[2]	173.5	172.8	171.1	171.2	171.6	172.3	571.1	579.4	592.5	610.0	631.3	650.6
Per capita personal income (dollars)	**11,374**	**11,767**	**12,450**	**13,488**	**14,001**	**14,410**	**10,431**	**11,172**	**12,110**	**13,493**	**14,723**	**15,599**
Derivation of total personal income:												
Total earnings by place of work	1,360,548	1,308,834	1,349,319	1,485,725	1,525,124	1,628,946	4,989,188	5,449,720	6,094,153	7,028,033	8,058,992	8,771,615
Less: Personal contributions for social insurance[3]	83,663	84,218	83,876	93,345	99,838	107,573	282,947	319,244	356,613	408,233	485,925	530,690
Plus: Adjustment for residence	140,200	174,456	185,695	202,913	228,377	176,560	−249,631	−287,615	−349,366	−398,006	−506,774	−477,767
Equals: Net earnings by place of residence	1,417,085	1,399,072	1,451,138	1,595,293	1,653,663	1,697,933	4,456,610	4,842,861	5,388,174	6,221,794	7,066,293	7,763,158
Plus: Dividends, interest, and rent[5]	281,039	309,300	332,323	372,459	382,872	403,198	791,726	860,617	943,890	1,131,196	1,270,208	1,367,039
Plus: Transfer payments	275,025	324,780	346,301	341,787	366,516	381,233	708,313	769,303	843,203	878,391	957,284	1,019,047
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,134,876	1,093,150	1,120,768	1,240,158	1,268,194	1,347,480	4,219,547	4,618,969	5,145,331	5,929,943	6,835,747	7,436,669
Other labor income	127,270	124,913	128,171	137,124	136,953	144,265	371,811	437,345	495,277	545,845	606,181	644,078
Proprietors' income[6]	98,402	90,771	100,380	108,443	119,977	137,201	397,830	393,406	453,545	552,245	617,064	690,868
Farm	14,972	13,022	12,498	13,236	15,711	20,775	62,641	54,108	32,830	57,418	42,264	37,762
Nonfarm	83,430	77,749	87,882	95,207	104,266	116,426	335,189	339,298	420,715	494,827	574,800	653,106
Earnings by industry:												
Farm	20,025	18,697	17,982	18,612	21,176	26,286	75,567	68,340	46,528	70,870	55,846	51,335
Nonfarm	1,340,523	1,290,137	1,331,337	1,467,113	1,503,948	1,602,660	4,913,621	5,381,380	6,047,625	6,957,163	8,003,146	8,720,280
Private	1,195,763	1,141,701	1,171,404	1,301,303	1,329,253	1,417,237	3,695,895	4,078,935	4,689,461	5,476,753	6,339,433	6,902,213
Agricultural services, forestry, fisheries, and other[7]	3,451	3,742	4,291	4,088	4,054	4,198	15,522	15,944	20,939	23,105	28,597	33,929
Agricultural services	3,364	3,735	4,224	4,047	3,968	4,100	(D)	14,792	18,661	21,611	26,534	31,596
Forestry, fisheries, and other[7]	87	(L)	67	(L)	86	98	(D)	1,152	2,278	1,494	2,063	2,333
Mining	4,699	4,345	3,723	4,272	5,861	6,580	19,381	17,278	16,558	19,566	28,053	30,160
Coal mining	0	0	0	0	0	0	107	71	84	133	144	152
Oil and gas extraction	4,039	3,667	3,103	(D)	(D)	(D)	13,432*	(D)	(D)	10,827*	(D)	(D)
Metal mining	0	0	0	0	0	0	(D)	(L)	(L)	(D)	119	339
Nonmetallic minerals, except fuels	660	678	620	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	51,284	45,837	47,338	56,580	61,769	72,114	278,323	313,002	392,899	524,462	664,612	657,078
Manufacturing	700,492	642,091	643,380	732,526	730,463	764,958	996,554	1,093,080	1,262,393	1,478,156	1,660,119	1,709,301
Nondurable goods	200,546	211,112	223,631	245,741	257,538	272,895	372,086	384,909	442,838	462,237	482,986	522,783
Food and kindred products	14,368	14,688	14,343	15,756	20,302	24,365	46,963*	49,361*	52,218*	53,697*	58,285*	62,601*
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	47,996	(D)
Apparel and other textile products	3,895	3,520	3,675	4,349	4,468	(D)	(D)	(D)	(D)	27,588*	(D)	29,537*
Paper and allied products	5,560	6,354	7,237	8,712	8,493	9,058	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	43,806	43,467	53,625	62,453	62,960	65,633	43,757*	46,809*	54,153*	61,657*	72,196*	85,414*
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	148,802*
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	237	164	0	0	0
Tobacco manufactures	0	0	0	0	0	0	95,355	103,727	120,399	123,865*	117,846*	96,770*
Rubber and misc. plastic products	22,223	23,757	23,187	27,790	27,566	30,033	8,226*	7,559*	10,231*	17,197*	19,588*	21,312*
Leather and leather products	561	510	452	464	532	437	0	0	0	(D)	(D)	(D)
Durable goods	499,946	430,979	419,749	486,785	472,925	492,063	624,468	708,171	819,555	1,015,919	1,177,133	1,186,518
Lumber and wood products	1,311	1,373	1,463	1,551	1,746	2,391	21,765	18,689	22,948	29,139	33,705	37,061
Furniture and fixtures	2,091	2,029	2,183	2,479	3,044	2,986	(D)	13,102	17,230	19,859	20,055	24,606
Primary metal industries	29,642	21,632	22,621	38,132	34,230	34,356	10,502	(D)	(D)	13,110	(D)	(D)
Fabricated metal products	71,204	66,298	53,726	60,861	62,592	73,108	50,293*	52,368*	44,447*	39,820*	44,999*	46,357*
Machinery, except electrical	288,615	240,462	232,877	260,781	247,736	258,261	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	56,498	53,889	61,349	72,219	71,198	72,972	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	2,339	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	27,083	22,276	19,974	20,772	(D)	(D)	(D)	(D)	(D)	(D)	9,371*	12,264*
Stone, clay, and glass products	14,984	14,311	15,639	17,904	18,397	18,891	14,624*	13,914*	16,369*	19,536*	24,095*	25,621*
Instruments and related products	4,148	4,653	5,580	7,086	(D)	(D)	59,889*	(D)	(D)	(D)	73,504*	74,919*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	3,464	(D)	(D)	(D)	7,635*	9,057*	9,694*
Transportation and public utilities	45,604	46,419	49,541	51,911	50,842	55,098	319,046	364,532	410,250	463,667	503,805	544,723
Railroad transportation	(D)	(D)	(D)	1,816	1,763	2,112	15,039	15,133	16,110	15,977	14,189	11,099
Trucking and warehousing	19,725	20,009	21,733	25,044	21,942	23,493	(D)	84,125	86,551	103,758	112,386	117,733
Water transportation	(D)	(D)	(D)	905	617	636	(L)	(D)	(D)	−19*	(D)	(D)
Other transportation[8]	5,363	5,605	6,817	7,304	6,629	8,252	(D)	(D)	(D)	(D)	(D)	(D)
Communication	12,902	13,532	13,912	11,555	12,039	12,252	99,569*	112,779	120,377	133,670*	145,455*	164,000*
Electric, gas, and sanitary services	4,777	4,637	4,606	5,287	7,852	8,353	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	54,661	53,378	51,266	54,649	52,604	54,419	309,167	356,436	384,619	456,561	532,031	595,011
Retail trade	117,741	120,731	129,322	136,308	144,796	155,380	458,787	488,940	557,562	627,289	711,111	776,839
Finance, insurance, and real estate	33,311	28,868	33,792	33,834	36,135	45,135	290,528	302,264	342,411	382,932	445,053	548,895
Banking and credit agencies	17,040	17,990	19,529	19,602	20,305	20,797	78,810*	83,871*	95,171*	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	16,271	10,878	14,263	14,232	15,830	24,338	208,505*	(D)	(D)	(D)	(D)	(D)
Services	184,520	196,290	208,751	227,135	242,729	259,355	1,008,587	1,127,459	1,301,830	1,501,015	1,766,052	2,006,277
Hotels and other lodging places	1,871	2,346	3,462	3,476	3,428	3,582	22,339	29,693*	37,406*	44,186*	47,533	53,668
Personal services	9,693	10,413	11,261	12,069	13,694	14,555	43,813	48,359	53,972	60,890	76,547	86,590
Private households	1,993	2,125	2,200	2,437	2,447	2,506	32,896	35,497	37,118	41,728	42,347	43,839
Business services	27,403	30,851	33,645	40,173	44,044	53,243	174,010	229,841	292,547	344,585	456,011	537,004
Auto repair, services, and garages	8,464	8,215	8,945	10,739	12,153	13,302	28,145	28,009	38,088	48,189	56,409	59,804
Miscellaneous repair services	3,058	2,857	2,936	3,475	3,211	3,479	14,023	12,612	17,545	22,558	22,686	22,164
Amusement and recreation services	3,804	3,963	4,309	4,528	5,114	5,269	10,970	11,109	13,114	14,848	17,123	19,614
Motion pictures	689	624	609	754	1,004	1,028	(D)	(D)	(D)	(D)	(D)	(D)
Health services	84,075	93,633	98,372	102,132	104,889	106,682	195,406	223,151	247,894	281,520	319,972	362,781
Legal services	8,910	9,690	10,786	12,227	13,389	14,034	43,395	49,788	58,746	74,285	85,468	101,525
Educational services	3,931	4,289	4,522	4,816	5,253	5,657	(D)	(D)	(D)	(D)	(D)	(D)
Social services	6,965	7,168	6,862	7,087	8,085	8,918	24,928	26,141	29,981	33,310	37,561	44,149
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	(D)	(D)	(D)	(D)	(D)	43,985*	49,932	56,085	58,409	58,885	57,149
Miscellaneous services	13,629	9,620	10,039	11,836	14,085	15,110	140,383	127,970	141,896	171,246	218,805	254,099
Government and government enterprises	144,760	148,436	159,933	165,810	174,695	185,423	1,217,726	1,302,445	1,358,164	1,480,410	1,663,713	1,818,067
Federal, civilian	9,420	9,912	10,440	11,171	11,650	11,726	172,924	182,996	197,925	213,698	228,088	234,122
Military	2,923	3,297	4,304	5,189	5,811	6,311	16,705	22,317	21,957	26,497	29,472	31,384
State and local	132,417	135,227	145,189	149,450	157,234	167,386	1,028,097	1,097,132	1,138,282	1,240,215	1,406,153	1,552,561

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Rapid City, SD (MSA)						Reading, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**712,504**	**762,474**	**805,361**	**873,969**	**905,981**	**964,641**	**3,688,097**	**3,879,449**	**4,196,579**	**4,547,365**	**4,792,362**	**5,035,924**
Nonfarm personal income	700,111	751,964	794,332	857,971	898,991	949,869	3,644,301	3,839,037	4,153,936	4,477,794	4,728,357	4,965,829
Farm income[1]	12,393	10,510	11,029	15,998	6,990	14,772	43,796	40,412	42,643	69,571	64,005	70,095
Population (thousands)[2]	70.9	72.5	73.9	75.5	76.4	76.9	314.6	314.8	315.5	318.1	318.5	321.0
Per capita personal income (dollars)	**10,051**	**10,521**	**10,897**	**11,579**	**11,864**	**12,544**	**11,723**	**12,325**	**13,299**	**14,295**	**15,046**	**15,689**
Derivation of total personal income:												
Total earnings by place of work	577,850	607,364	656,242	723,433	746,672	800,483	2,584,627	2,653,818	2,865,588	3,188,141	3,315,985	3,507,517
Less: Personal contributions for social insurance[3]	35,517	38,510	40,466	45,020	49,245	52,931	152,487	164,269	176,624	200,362	217,074	231,765
Plus: Adjustment for residence	−42,093	−45,152	−58,586	−65,338	−69,363	−74,310	161,366	167,747	189,166	196,114	217,616	218,565
Equals: Net earnings by place of residence	500,240	523,702	557,190	613,075	628,064	673,242	2,593,506	2,657,296	2,878,130	3,183,893	3,316,527	3,494,317
Plus: Dividends, interest, and rent[5]	117,566	131,757	131,804	138,801	146,809	153,605	559,123	609,567	660,428	714,661	776,994	812,831
Plus: Transfer payments	94,698	107,015	116,367	122,093	131,108	137,794	535,468	612,586	658,021	648,811	698,841	728,776
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	465,677	495,649	530,502	580,319	604,238	639,317	2,100,327	2,167,593	2,322,966	2,571,050	2,681,521	2,824,214
Other labor income	32,062	36,331	40,033	43,024	43,867	46,118	253,022	267,277	286,564	308,229	316,017	329,976
Proprietors' income[6]	80,111	75,384	85,707	100,090	98,567	115,048	231,278	218,948	256,058	308,862	318,447	353,327
Farm	11,123	9,233	9,786	14,763	5,738	13,514	26,159	20,197	23,406	50,801	44,880	50,892
Nonfarm	68,988	66,151	75,921	85,327	92,829	101,534	205,119	198,751	232,652	258,061	273,567	302,435
Earnings by industry:												
Farm	12,393	10,510	11,029	15,998	6,990	14,772	43,796	40,412	42,643	69,571	64,005	70,095
Nonfarm	565,457	596,854	645,213	707,435	739,682	785,711	2,540,831	2,613,406	2,822,945	3,118,570	3,251,980	3,437,422
Private	386,870	400,994	440,315	492,205	512,615	547,302	2,297,615	2,358,009	2,552,321	2,829,437	2,945,138	3,113,608
Agricultural services, forestry, fisheries, and other[7]	1,464	1,116	2,479	2,609	1,928	2,348	9,391	11,419	12,936	12,578	11,807	12,652
Agricultural services	1,242	1,218	1,491	1,815	1,526	1,743	9,076	11,208	12,335	12,158	10,971	11,702
Forestry, fisheries, and other[7]	222	−102	988	794	402	605	315	211	601	420	836	950
Mining	9,444	8,670	9,672	9,263	9,401	10,527	11,906	10,883	10,180	11,243	15,341	15,038
Coal mining	257	424	511	645	697	717	92	95	110	131	139	144
Oil and gas extraction	2,128	(D)	(D)	(D)	(D)	(D)	7,396	6,529	5,557	5,809	9,365	9,380
Metal mining	(L)	(D)	(D)	(D)	(D)	(D)	(D)	120	0	0	0	0
Nonmetallic minerals, except fuels	7,047	6,318	7,135	6,602	6,757	7,988	(D)	4,139	4,513	5,303	5,837	5,514
Construction	41,229	44,573	49,610	54,096	59,489	69,718	131,306	132,434	134,587	160,508	178,844	197,433
Manufacturing	43,226	42,222	47,715	61,717	60,927	61,815	1,075,942	1,071,639	1,168,705	1,322,464	1,314,386	1,314,643
Nondurable goods	14,860	15,391	14,800	14,892	15,896	16,186	337,479	354,495	387,872	396,986	394,229	411,400
Food and kindred products	9,389	9,770	9,010	8,961	9,372	9,537	79,655	84,651	87,877	96,308	101,933	108,955
Textile mill products	0	0	0	0	0	0	74,001	79,838	86,491	76,285	58,582	57,611
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	53,247	53,874	56,319	56,275	59,713	58,280
Paper and allied products	0	0	0	0	0	(D)	24,996	34,376	37,530	42,046	40,540	40,667
Printing and publishing	4,707	4,850	5,209	5,458	6,018	6,037	21,661	23,326	25,130	25,780	28,808	30,782
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	26,214	31,005	34,771	36,865	36,730	36,119
Petroleum and coal products	(D)	0	0	0	0	0	4,129	4,884	4,782	6,471	7,655	12,277
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)	42,279	33,069	38,744	40,177	42,507	49,603
Leather and leather products	0	0	0	0	0	0	11,297	9,472	16,228	16,779	17,761	17,106
Durable goods	28,366	26,831	32,915	46,825	45,031	45,629	738,463	717,144	780,833	925,478	920,157	903,243
Lumber and wood products	4,215	2,975	3,912	5,381	7,284	9,078	22,573	(D)	(D)	22,988	24,636	28,868
Furniture and fixtures	377	(D)	(D)	143	(D)	(D)	(D)	8,147	9,860	(D)	10,532	(D)
Primary metal industries	0	0	0	(L)	(D)	(D)	238,775	219,397	225,203	269,737	266,970	247,056
Fabricated metal products	(D)	1,555	1,777	2,971	3,364	3,639	47,307	49,249	49,996	61,113	62,900	68,805
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	77,715	76,504	72,886	75,365	72,804	81,483
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	999	190,911	197,873	226,057	283,049	282,031	274,365
Transportation equip. exc. motor vehicles	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	115	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	91,844	89,564	115,534	137,595	137,962	134,020
Stone, clay, and glass products	1,467	1,239	1,648	3,205	3,117	3,074	14,495	13,846	14,066	16,635	17,195	18,758
Instruments and related products	0	(D)	(D)	(D)	(D)	(D)	20,512	18,526	24,701	27,371	27,791	22,112
Miscellaneous manufacturing industries	(D)	3,764	5,950	8,608	10,172	10,153	26,748	24,696	20,248	20,759	17,221	19,467
Transportation and public utilities	44,839	48,265	49,751	51,756	53,458	54,166	172,151	171,416	170,000	187,289	199,171	216,343
Railroad transportation	1,434	1,562	1,796	2,345	2,405	3,205	27,645	20,290	14,032	12,268	9,062	9,863
Trucking and warehousing	17,502	17,574	17,100	19,559	19,853	20,172	42,265	39,738	37,865	44,342	44,313	48,533
Water transportation	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	(D)	(D)	(L)
Other transportation[8]	3,692	4,481	4,897	5,265	4,968	5,023	(D)	(D)	(D)	(D)	(D)	24,981
Communication	13,798	15,024	15,709	13,743	14,269	13,220	34,043	34,976	35,623	34,551	34,279	37,530
Electric, gas, and sanitary services	8,415	9,628	10,253	10,848	11,965	12,546	53,330	59,390	64,584	75,346	87,957	95,435
Wholesale trade	33,060	35,626	37,041	42,954	44,669	45,754	113,905	118,391	129,295	145,876	154,533	170,773
Retail trade	75,956	77,502	84,545	92,021	94,131	98,386	231,856	240,398	263,590	275,197	297,699	330,474
Finance, insurance, and real estate	24,720	23,884	27,904	30,876	33,326	38,215	113,802	113,195	134,053	145,102	150,138	180,414
Banking and credit agencies	9,474	(D)	(D)	(D)	(D)	(D)	44,694	46,818	56,492	63,883	63,245	67,869
Other finance, insurance, and real estate[9]	15,246	(D)	(D)	(D)	(D)	(D)	69,108	66,377	77,561	81,219	86,893	112,545
Services	112,932	119,136	131,598	146,913	155,286	166,373	437,356	488,234	528,975	569,180	623,219	675,838
Hotels and other lodging places	6,623	7,205	7,985	8,715	8,985	8,955	5,600	5,525	6,350	6,976	7,692	8,419
Personal services	6,249	7,175	7,468	8,007	9,318	9,824	21,355	22,841	25,241	26,287	31,191	33,949
Private households	(D)	(D)	(D)	(D)	(D)	(D)	5,189	5,542	5,750	6,366	6,357	6,521
Business services	11,750	13,417	14,498	19,003	17,322	19,702	37,726	42,481	47,702	58,804	71,652	82,847
Auto repair, services, and garages	7,705	6,878	7,524	8,928	9,467	9,708	31,946	34,078	36,020	39,009	48,352	57,090
Miscellaneous repair services	2,349	2,630	3,384	4,325	3,690	3,600	7,476	8,925	10,678	12,089	11,857	12,243
Amusement and recreation services	2,920	3,052	3,419	3,628	3,718	3,979	9,050	9,864	10,596	11,099	11,793	12,949
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,594	1,341	1,397	1,818	2,071	1,911
Health services	42,119	46,813	52,962	56,556	61,340	65,553	152,022	179,190	197,137	209,646	227,670	243,523
Legal services	7,844	7,719	8,428	9,694	10,754	12,578	15,758	17,161	18,949	23,085	25,897	27,754
Educational services	4,247	4,328	4,548	4,683	5,334	5,367	10,428	11,016	12,089	13,925	14,665	16,338
Social services	2,496	2,437	2,880	3,127	3,364	3,891	12,710	14,438	17,475	21,046	23,705	26,905
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(L)	0	0	0	0
Membership organizations	4,628	4,654	4,861	5,246	5,494	5,695	21,047	22,916	23,946	25,515	26,195	27,093
Miscellaneous services	12,032	10,770	11,459	12,582	14,118	15,144	(D)	112,914	115,645	113,515	114,122	118,296
Government and government enterprises	178,587	195,860	204,898	215,230	227,067	238,409	243,216	255,397	270,624	289,133	306,842	323,814
Federal, civilian	30,575	30,657	33,517	37,139	40,160	41,832	27,605	27,710	28,934	31,429	32,629	34,760
Military	94,418	107,469	111,190	115,325	119,296	123,556	7,474	7,380	9,009	8,019	8,888	9,583
State and local	53,594	57,734	60,191	62,766	67,611	73,021	208,137	220,307	232,681	249,685	265,325	279,471

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Redding, CA (MSA)						Reno, NV (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,163,204**	**1,233,595**	**1,334,954**	**1,470,279**	**1,578,246**	**1,705,236**	**2,827,217**	**2,941,097**	**3,092,798**	**3,386,140**	**3,650,546**	**3,923,418**
Nonfarm personal income	1,148,121	1,217,561	1,315,310	1,449,882	1,557,157	1,686,667	2,823,141	2,936,923	3,089,275	3,382,342	3,647,551	3,919,925
Farm income[1]	15,083	16,034	19,644	20,397	21,089	18,569	4,076	4,174	3,523	3,798	2,995	3,493
Population (thousands)[2]	120.7	122.3	124.0	126.9	130.5	133.1	201.6	209.2	210.2	213.8	219.8	224.6
Per capita personal income (dollars)	**9,635**	**10,085**	**10,765**	**11,586**	**12,092**	**12,814**	**14,026**	**14,058**	**14,716**	**15,837**	**16,608**	**17,469**
Derivation of total personal income:												
Total earnings by place of work	742,743	779,675	847,036	948,530	1,006,092	1,090,225	2,168,589	2,223,735	2,329,681	2,535,718	2,722,680	2,945,567
Less: Personal contributions for social insurance[3]	40,018	43,538	48,384	54,531	60,976	66,332	87,434	94,310	118,674	110,824	124,356	136,486
Plus: Adjustment for residence	−3,044	−4,513	−2,753	−4,446	−3,236	−5,462	−61,983	−67,924	−69,883	−74,250	−82,129	−103,295
Equals: Net earnings by place of residence	699,681	731,624	795,899	889,553	941,880	1,018,431	2,019,172	2,061,501	2,141,124	2,350,644	2,516,195	2,705,786
Plus: Dividends, interest, and rent[5]	204,318	216,464	241,130	263,299	286,278	308,301	505,904	543,172	578,971	644,449	711,920	768,224
Plus: Transfer payments	259,205	285,507	297,925	317,427	350,088	378,504	302,141	336,424	372,703	391,047	422,431	449,408
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	556,777	580,135	608,254	674,916	721,361	780,240	1,874,401	1,926,114	1,999,376	2,175,302	2,334,231	2,506,035
Other labor income	51,881	57,839	63,401	68,692	70,470	75,110	140,117	154,057	162,145	169,496	176,456	192,542
Proprietors' income[6]	134,085	141,701	175,381	204,922	214,261	234,875	154,071	143,564	168,160	190,920	211,993	246,990
Farm	10,259	10,134	14,386	14,728	15,023	13,015	3,016	3,113	2,499	2,790	1,973	2,465
Nonfarm	123,826	131,567	160,995	190,194	199,238	221,860	151,055	140,451	165,661	188,130	210,020	244,525
Earnings by industry:												
Farm	15,083	16,034	19,644	20,397	21,089	18,569	4,076	4,174	3,523	3,798	2,995	3,493
Nonfarm	727,660	763,641	827,392	928,133	985,003	1,071,656	2,164,513	2,219,561	2,326,158	2,531,920	2,719,685	2,942,074
Private	581,191	606,435	664,839	754,996	795,077	867,362	1,862,985	1,891,759	1,982,198	2,173,469	2,339,335	2,574,482
Agricultural services, forestry, fisheries, and other[7]	4,822	4,354	6,492	5,648	7,729	9,331	11,389	9,386	13,669	14,265	13,182	14,345
Agricultural services	3,530	3,755	3,783	3,442	3,253	4,105	(D)	(D)	(D)	(D)	(D)	10,796
Forestry, fisheries, and other[7]	1,292	599	2,709	2,206	4,476	5,226	(D)	(D)	(D)	(D)	(D)	3,549
Mining	4,631	3,459	2,661	3,234	6,099	7,052	31,494	24,460	24,005	29,138	34,714	36,901
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	(D)	(D)
Oil and gas extraction	(D)	1,870	1,535	1,340	(D)	(D)	11,201	9,373	8,345	9,027	11,193	11,078
Metal mining	(L)	(D)	(D)	(D)	111	194	17,233	12,067	10,999	15,115	16,891	21,942
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	3,060	3,020	4,661	4,996	(D)	(D)
Construction	73,168	76,278	89,791	109,968	108,086	130,027	207,430	180,628	177,513	192,790	206,706	237,348
Manufacturing	99,060	107,289	120,469	140,567	132,607	123,669	171,031	174,260	175,836	205,022	211,996	220,776
Nondurable goods	33,681	39,287	38,093	39,194	42,312	38,496	48,952	51,195	51,262	55,839	60,904	64,658
Food and kindred products	3,722	8,007	4,807	4,189	4,662	(D)	16,433	17,783	17,671	17,725	17,875	17,369
Textile mill products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,127	(D)
Apparel and other textile products	0	0	0	(D)	(D)	(D)	412	394	375	944	(D)	1,709
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	4,326	4,268	4,638	5,076	5,156	4,250	22,680	24,248	24,501	26,609	30,277	33,431
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	972	937	738	930	933	1,989
Petroleum and coal products	0	(D)	(D)	(D)	(D)	0	97	(D)	(D)	0	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	732	900	900	969	1,180	6,348	6,121	6,082	7,461	7,952	8,513
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	65,379	68,002	82,376	101,373	90,295	85,173	122,079	123,065	124,574	149,183	151,092	156,118
Lumber and wood products	48,599	52,104	62,857	76,527	62,331	59,799	3,735	2,805	3,167	3,785	4,926	4,844
Furniture and fixtures	508	270	265	(D)	573	467	(D)	759	910	1,283	1,687	3,609
Primary metal industries	(D)	855	897	(L)	0	0	3,615	3,432	3,335	4,619	4,374	(D)
Fabricated metal products	1,839	2,716	2,674	2,507	2,784	2,615	24,703	22,096	21,046	20,798	20,654	23,116
Machinery, except electrical	2,841	1,821	1,738	3,348	3,450	3,404	21,473	19,097	23,339	25,476	28,715	26,663
Electric and electronic equipment	2,966	2,385	4,174	7,079	7,854	4,447	16,507	19,870	19,387	21,055	21,774	21,331
Transportation equip. exc. motor vehicles	1,360	1,491	3,279	3,627	3,443	2,341	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(L)	(D)	(D)	168	(D)	(D)	190	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	4,298	4,518	4,424	5,241	6,463	6,869	11,215	9,581	7,863	11,412	11,758	13,104
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	9,050	9,305	10,735	10,619	12,107
Miscellaneous manufacturing industries	(D)	(D)	(D)	(L)	73	104	18,527	20,733	21,746	24,788	28,125	28,854
Transportation and public utilities	77,666	80,703	84,451	90,266	94,292	100,691	209,570	222,639	228,240	233,188	240,324	264,274
Railroad transportation	3,730	3,921	4,346	4,217	3,436	3,123	14,914	14,878	15,113	16,577	15,799	15,456
Trucking and warehousing	27,035	28,863	32,525	38,783	42,549	45,687	37,872	43,424	44,489	48,308	49,965	53,714
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	−68	(D)	(D)	(D)	(D)	(L)
Other transportation[8]	(D)	(D)	(D)	5,956	6,025	6,697	(D)	(D)	(D)	(D)	(D)	(D)
Communication	28,076	30,404	28,004	25,195	24,123	24,461	86,947	87,815	84,299	76,123	71,038	75,093
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	37,002	37,609	40,970	47,046	48,974	56,702	134,965	136,433	138,659	143,078	155,811	168,181
Retail trade	104,348	102,052	108,480	120,543	129,422	137,611	246,333	252,191	267,261	295,642	330,330	346,171
Finance, insurance, and real estate	24,525	24,870	26,037	30,305	35,513	43,167	118,434	116,756	134,445	142,434	146,692	172,422
Banking and credit agencies	11,917	(D)	(D)	(D)	17,296	21,228	49,339	51,570	55,704	59,562	61,575	69,304
Other finance, insurance, and real estate[9]	12,608	(D)	(D)	(D)	18,217	21,939	69,095	65,186	78,741	82,872	85,117	103,118
Services	155,969	169,821	185,488	207,419	232,355	259,112	732,339	775,006	822,570	917,912	999,580	1,114,064
Hotels and other lodging places	6,729	6,234	6,859	7,348	7,500	8,492	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	6,459	7,692	8,199	8,972	11,308	12,692	27,261	28,480	31,770	32,883	36,397	35,573
Private households	2,805	3,052	3,227	3,637	3,715	3,891	2,811	3,114	3,308	3,743	3,825	4,032
Business services	14,186	18,080	20,704	22,992	29,805	32,487	64,499	68,187	79,823	99,842	110,565	128,498
Auto repair, services, and garages	12,260	11,327	13,627	18,098	20,004	21,717	26,166	24,223	26,038	31,674	34,529	36,949
Miscellaneous repair services	4,722	5,229	6,901	8,287	6,946	7,127	8,043	8,447	10,020	12,683	11,676	12,563
Amusement and recreation services	2,535	2,746	2,911	3,935	4,218	4,536	222,411	217,333	208,684	227,052	164,421	161,998
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,084	1,297	977	1,281	1,445	1,812
Health services	64,954	72,178	77,435	83,663	88,385	98,065	118,310	145,391	158,050	167,700	187,909	253,327
Legal services	7,852	9,279	10,862	11,564	13,014	14,049	29,227	34,547	36,151	40,415	47,566	54,573
Educational services	1,883	2,074	2,265	2,643	2,827	2,985	4,291	4,061	4,466	5,653	7,512	8,377
Social services	2,364	2,559	3,132	4,199	5,508	9,598	7,438	10,456	10,887	11,611	12,865	13,121
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	8,320	9,327	9,924	10,308	11,035	10,927	19,610	19,759	21,354	23,433	24,744	25,604
Miscellaneous services	20,546	19,629	19,033	21,378	27,691	32,149	45,393	40,715	40,863	44,827	48,757	54,397
Government and government enterprises	146,469	157,206	162,553	173,137	189,926	204,294	301,528	327,802	343,960	358,451	380,350	367,592
Federal, civilian	26,009	26,204	27,355	29,061	31,038	30,941	62,554	66,312	72,944	80,668	84,493	84,212
Military	1,553	1,847	1,850	2,061	2,427	2,417	2,724	3,309	4,004	3,831	4,010	4,363
State and local	118,907	129,155	133,348	142,015	156,461	170,936	236,250	258,181	267,012	273,952	291,847	279,017

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Richland—Kennewick—Pasco, WA (MSA)						Richmond—Petersburg, VA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,794,805**	**1,820,899**	**1,839,405**	**1,827,986**	**1,891,368**	**1,978,684**	**9,064,801**	**9,724,981**	**10,447,895**	**11,348,741**	**12,276,870**	**13,275,276**
Nonfarm personal income	1,700,478	1,734,194	1,749,497	1,721,231	1,809,403	1,877,466	9,041,178	9,709,984	10,442,624	11,318,804	12,255,411	13,255,491
Farm income[1]	94,327	86,705	89,908	106,755	81,965	101,218	23,623	14,997	5,271	29,937	21,459	19,785
Population (thousands)[2]	149.7	153.8	150.5	148.3	147.8	149.5	774.3	779.0	786.1	792.1	800.6	810.2
Per capita personal income (dollars)	**11,993**	**11,837**	**12,222**	**12,330**	**12,797**	**13,232**	**11,707**	**12,484**	**13,290**	**14,327**	**15,335**	**16,385**
Derivation of total personal income:												
Total earnings by place of work	1,631,368	1,604,826	1,567,638	1,490,915	1,544,498	1,616,507	7,085,001	7,527,258	8,044,701	8,688,813	9,463,716	10,251,699
Less: Personal contributions for social insurance[3]	83,266	85,578	85,238	81,810	89,787	93,621	381,244	411,460	430,555	454,766	510,466	558,352
Plus: Adjustment for residence	−133,151	−130,352	−100,499	−72,476	−79,085	−87,393	−220,084	−226,204	−239,437	−234,210	−290,987	−268,215
Equals: Net earnings by place of residence	1,414,951	1,388,896	1,381,901	1,336,629	1,375,626	1,435,493	6,483,673	6,889,594	7,374,709	7,999,837	8,662,263	9,425,132
Plus: Dividends, interest, and rent[4]	200,386	215,373	224,770	244,754	254,362	271,062	1,458,797	1,592,178	1,728,171	1,942,810	2,081,896	2,235,521
Plus: Transfer payments	179,468	216,630	232,734	246,603	261,380	272,129	1,122,331	1,243,209	1,345,015	1,406,094	1,532,711	1,614,623
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,367,685	1,344,651	1,292,820	1,197,323	1,261,817	1,299,597	6,010,689	6,396,066	6,798,994	7,334,821	8,001,125	8,652,237
Other labor income	113,237	119,625	118,585	106,282	111,242	113,177	645,289	722,514	762,668	768,115	808,445	853,150
Proprietors' income[5]	150,446	140,550	156,233	187,310	171,439	203,733	429,023	408,678	483,039	585,877	654,146	746,312
Farm	64,745	52,147	56,679	74,168	48,939	67,904	16,885	8,252	−1,243	23,519	14,943	13,255
Nonfarm	85,701	88,403	99,554	113,142	122,500	135,829	412,138	400,426	484,282	562,358	639,203	733,057
Earnings by industry:												
Farm	94,327	86,705	89,908	106,755	81,965	101,218	23,623	14,997	5,271	29,937	21,459	19,785
Nonfarm	1,537,041	1,518,121	1,477,730	1,384,160	1,462,533	1,515,289	7,061,378	7,512,261	8,039,430	8,658,876	9,442,257	10,231,914
Private	1,335,189	1,310,071	1,260,019	1,168,348	1,227,460	1,269,305	5,596,672	5,936,456	6,365,075	6,894,002	7,521,796	8,185,728
Agricultural services, forestry, fisheries, and other[7]	9,644	10,152	10,774	11,609	11,966	13,378	16,727	16,749*	20,086*	21,500*	24,936	29,468
Agricultural services	(D)	10,127	10,586	11,515	11,743	13,125	(D)	(D)	(D)	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(D)	(L)	188	94	223	253	(D)	(D)	(D)	(D)	(D)	(D)
Mining	2,264	2,360	1,977	1,742	2,103	2,237	41,335	(D)	(D)	(D)	51,594*	53,359*
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	9,214	8,667	9,171	11,184*	12,249*	13,060
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	22,770*	(D)	(D)	18,041*	26,843*	28,645*
Metal mining	(D)	(D)	(D)	0	0	0	(L)	(L)	(L)	(L)	(L)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	461,460	374,903	252,700	134,620	131,717	128,309	449,872	455,960	485,982	562,573	658,641	762,990
Manufacturing	248,570	280,685	321,243	352,513	398,559	394,950	1,667,312	1,741,831	1,789,878	1,857,974	1,950,931	2,005,149
Nondurable goods	226,867	258,727	297,294	328,136	371,889	364,970	1,224,090*	1,329,330*	1,361,597*	1,379,052*	1,427,093*	1,482,195*
Food and kindred products	(D)	(D)	(D)	(D)	(D)	28,430*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	23,275*	(D)	(D)	26,049*	(D)	(D)
Paper and allied products	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	5,176*	(D)	(D)	(D)	(D)	6,324	(D)	(D)	(D)	135,333*	147,930*	174,413*
Chemicals and allied products	184,196	213,426	251,567	277,968	315,908	329,306*	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	403	92	0	0	0	0	250	247	264	255	1,198	1,449
Tobacco manufactures	0	0	0	0	0	0	531,036	577,267	561,861	534,503	541,195	531,463
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	21,703	21,958	23,949	24,377	26,670	29,980	438,945*	410,759*	426,369*	473,120*	519,551*	518,636*
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	26,409*	(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)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,673	1,639	1,836	2,140	(D)	(D)	52,548*	50,246*	40,788*	41,490*	(D)	42,435*
Machinery, except electrical	2,638	(D)	1,612*	2,258*	2,465	2,189*	(D)	56,092*	55,940*	(D)	71,020*	68,812*
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	9,685*	(D)	(D)	(D)	11,963*	14,636*
Stone, clay, and glass products	4,000*	3,342	4,806	5,066*	5,162	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	3,525	3,216	3,276	3,433	(D)	(D)	16,687*	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	132	187	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	61,386	60,766	62,139	65,437	64,658	62,883	503,126	558,594*	592,419*	628,941*	668,059*	710,203
Railroad transportation	17,609	17,829	18,779	20,426	19,059	17,678	43,521*	44,838*	48,775*	45,393*	37,355*	30,762*
Trucking and warehousing	(D)	15,571	15,147	15,910	15,358	14,588	145,773	145,848	140,984	161,879	169,826	180,853
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	44,398*	48,866	49,765	(D)	(D)	(D)
Communication	(D)	18,679	18,785	18,327	18,060	17,839	(D)	(D)	(D)	(D)	173,635*	189,237*
Electric, gas, and sanitary services	4,380	5,031	5,563	6,551	7,303	7,764	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	36,703	35,039	38,410	43,884	44,518	50,443	601,419	646,884	679,589	734,703	717,325	771,397
Retail trade	115,611	118,475	117,370	114,937	122,472	128,631	672,969	708,179	794,185	870,724	964,851	1,053,125
Finance, insurance, and real estate	27,461	27,848	28,672	29,414	31,739	38,730	522,893	552,321*	634,145*	687,911*	800,538*	934,349*
Banking and credit agencies	12,587	13,119	13,230	12,168	13,719	14,195	182,740*	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	14,874	14,729	15,442	17,246	18,020	24,535	337,506*	(D)	(D)	(D)	(D)	(D)
Services	372,090	399,843	426,734	414,192	419,728	449,744	1,121,019	1,218,252	1,332,230	1,487,858	1,683,881	1,865,420
Hotels and other lodging places	6,614	5,130	7,275	(D)	5,641	3,991	30,567	(D)	(D)	(D)	(D)	(D)
Personal services	10,146	10,770	11,368	11,955	13,684	16,384	64,334	67,138	76,986	85,129	101,601	113,100
Private households	(D)	1,519	1,582	1,769	1,795	1,858	(D)	(D)	(D)	46,311	46,901	48,717
Business services	199,985	216,414	227,297	229,787	239,708	255,803	208,800	227,047	248,556	289,254	345,319	394,835
Auto repair, services, and garages	10,139	8,901	9,766	11,780	12,470	13,135	50,151	48,576	53,058	60,255	69,010	74,717
Miscellaneous repair services	7,852	7,792	10,471	9,521	9,637	(D)	20,531*	22,622*	27,585*	31,860*	30,176*	33,225*
Amusement and recreation services	(D)	(D)	(D)	(D)	4,682	5,538	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,073*	(D)	(D)
Health services	50,661	55,590	55,384	59,288	62,835	70,138	355,368	406,264	443,039	477,226	532,350	573,890
Legal services	6,512	7,245	8,370	10,389	11,102	11,695	92,914	105,931	120,581	146,709	167,390	191,620
Educational services	(D)	2,621	2,403	2,152	2,267	2,505	40,654*	(D)	(D)	(D)	(D)	(D)
Social services	6,256	6,443	7,431	8,300	8,847	9,293	40,375*	42,085*	46,259*	52,566*	57,636*	64,646*
Museums, botanical, zoological gardens	0	(D)	(D)	(D)	(D)	(D)	817*	(D)	(D)	(D)	(D)	(D)
Membership organizations	10,548	11,072	10,907	10,734	10,570	10,735	56,704*	61,580	64,071	66,135*	70,855*	72,261*
Miscellaneous services	(D)	62,409	70,291	46,821	35,964	36,559	90,042	85,158	90,580	103,349	119,218	137,927
Government and government enterprises	201,852	208,050	217,711	215,812	235,073	245,984	1,464,706	1,575,805	1,674,355	1,764,874	1,920,461	2,046,186
Federal, civilian	28,255	29,772	31,986	32,508	34,218	35,063	342,394	364,940	386,006	419,059	446,859	454,481
Military	3,603	4,417	4,785	5,036	5,440	5,880	122,399	126,596	138,314	143,629	151,750	152,349
State and local	169,994	173,861	180,940	178,268	195,415	205,041	999,913	1,084,269	1,150,035	1,202,186	1,321,852	1,439,356

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Riverside—San Bernardino, CA (PMSA)						Roanoke, VA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**17,915,863**	**18,872,474**	**20,763,310**	**23,025,188**	**25,588,916**	**27,473,024**	**2,297,336**	**2,435,645**	**2,616,758**	**2,884,050**	**3,092,413**	**3,288,167**
Nonfarm personal income	17,596,030	18,516,491	20,382,297	22,592,973	25,098,893	26,929,118	2,295,555	2,434,527	2,615,453	2,880,282	3,089,984	3,283,322
Farm income[1]	319,833	355,983	381,013	432,215	490,023	543,906	1,781	1,118	1,305	3,768	2,429	4,845
Population (thousands)[2]	1,627.4	1,688.7	1,747.7	1,815.6	1,900.9	2,001.1	222.1	221.9	221.6	221.9	222.9	224.9
Per capita personal income (dollars)	**11,009**	**11,175**	**11,880**	**12,682**	**13,461**	**13,729**	**10,344**	**10,978**	**11,809**	**12,994**	**13,876**	**14,623**
Derivation of total personal income:												
Total earnings by place of work	9,286,226	9,666,143	10,581,326	11,890,355	13,383,638	14,899,172	1,804,257	1,870,778	2,025,432	2,256,475	2,442,305	2,566,882
Less: Personal contributions for social insurance[3]	503,674	543,481	615,433	695,455	810,472	904,771	101,859	109,190	115,125	128,219	144,901	154,030
Plus: Adjustment for residence	3,152,192	3,228,490	3,845,268	4,362,394	4,892,195	4,726,233	−141,873	−142,115	−169,811	−207,676	−230,235	−212,406
Equals: Net earnings by place of residence	11,934,744	12,351,152	13,811,161	15,557,294	17,465,361	18,720,634	1,560,525	1,619,473	1,740,496	1,920,580	2,067,169	2,200,446
Plus: Dividends, interest, and rent[5]	2,731,835	2,929,500	3,149,630	3,480,718	3,746,443	4,033,415	387,508	436,606	466,082	541,927	570,374	610,175
Plus: Transfer payments	3,249,284	3,591,822	3,802,519	3,987,176	4,377,112	4,718,975	349,303	379,566	410,180	421,543	454,870	477,546
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	7,284,521	7,639,528	8,236,883	9,214,194	10,416,739	11,586,701	1,527,969	1,587,358	1,704,366	1,902,207	2,056,882	2,146,679
Other labor income	670,497	722,675	803,051	876,019	969,421	1,075,366	148,951	160,858	172,870	182,189	192,847	198,886
Proprietors' income[6]	1,331,208	1,303,940	1,541,392	1,800,142	1,997,478	2,237,105	127,337	122,562	148,196	172,079	192,576	221,317
Farm	220,968	238,398	262,107	314,234	363,806	408,708	−55	−654	−410	2,077	712	3,125
Nonfarm	1,110,240	1,065,542	1,279,285	1,485,908	1,633,672	1,828,397	127,392	123,216	148,606	170,002	191,864	218,192
Earnings by industry:												
Farm	319,833	355,983	381,013	432,215	490,023	543,906	1,781	1,118	1,305	3,768	2,429	4,845
Nonfarm	8,966,393	9,310,160	10,200,313	11,458,140	12,893,615	14,355,266	1,802,476	1,869,660	2,024,127	2,252,707	2,439,876	2,562,037
Private	6,846,339	7,005,896	7,737,270	8,784,106	9,911,405	11,098,661	1,577,938	1,631,864	1,766,374	1,979,012	2,138,781	2,247,609
Agricultural services, forestry, fisheries, and other[7]	120,763	134,050	152,007	160,631	182,592	192,522	3,873	4,060	5,011	5,714	6,969	7,746
Agricultural services	119,988	133,337	150,130	158,826	179,681	189,098	(D)	4,036	4,887	5,655	(D)	(D)
Forestry, fisheries, and other[7]	775	713	1,877	1,805	2,911	3,424	(D)	(L)	124	59	(D)	(D)
Mining	85,454	76,580	59,387	64,558	77,776	76,508	(D)	8,077	6,237	7,101	9,267	9,381
Coal mining	148	171	226	(D)	(D)	353	(D)	850*	(D)	(L)	(L)	(L)
Oil and gas extraction	(D)	29,062	24,659	29,453	41,307	41,752	5,326	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	1,036	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	29,222	(D)	(D)	31,654	34,771	33,367	(D)	(D)	(D)	(D)	(D)	(D)
Construction	729,647	683,768	823,015	1,086,056	1,269,074	1,491,436	104,737	104,842	122,646	139,739	168,989	189,505
Manufacturing	1,452,452	1,395,957	1,455,433	1,561,416	1,726,539	1,940,996	401,921	396,467	427,107	494,623	522,178	508,965
Nondurable goods	319,590	322,231	349,112	380,534	430,200	466,162	152,164	156,039	166,446	178,218	181,911	184,648
Food and kindred products	76,649	81,561	88,324	90,498	95,398	105,312	32,905*	(D)	(D)	(D)	(D)	(D)
Textile mill products	2,671	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	17,375	17,918	19,163	18,618	(D)	21,232	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	34,838	38,674	44,242	46,729	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	70,813	74,512	86,374	99,159	116,746	134,725	16,778*	16,112*	16,893*	19,262*	19,933*	20,396*
Chemicals and allied products	68,631	66,513	60,950	60,689	65,988	68,001	23,824*	26,206*	24,728*	(D)	(D)	28,476*
Petroleum and coal products	6,597	(D)	2,245*	2,387	3,631	3,949	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	38,054	36,341	44,443	55,630	74,574	79,345	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,132,862	1,073,726	1,106,321	1,180,882	1,296,339	1,474,834	249,757	240,428	260,661	316,405	340,267	324,317
Lumber and wood products	(D)	84,977	116,499	133,438	143,797	174,033	8,572	7,501	8,165	9,459*	11,705	12,892
Furniture and fixtures	16,220	16,780	20,338	33,569	44,062	49,523	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	307,797	255,983	222,492	145,529	142,668	146,271	23,656	20,687*	19,631*	25,635*	(D)	(D)
Fabricated metal products	126,198	120,282	129,060	140,145	161,416	170,550	25,946*	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	83,300	88,813	65,976	96,802	113,282	118,441	36,411*	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	58,055	44,288	44,552	51,175	65,986	78,084	107,479	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	34,111	(D)	(D)	(D)	(D)	(D)	3,754	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	138,897	134,481	143,082	170,081	183,346	209,098	19,065	(D)	(D)	(D)	(D)	(D)
Instruments and related products	66,466	70,424	69,828	73,363	74,913	73,937	778*	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	10,761	9,352	11,229	14,530	14,609	11,509	962	(D)	(D)	3,456*	4,065*	4,370*
Transportation and public utilities	732,612	786,768	845,164	967,972	1,031,438	1,086,963	(D)	(D)	(D)	(D)	307,403	302,425
Railroad transportation	159,094	153,256*	164,178*	178,746*	171,839*	152,609*	119,676	123,286	134,110	152,032	146,914	135,849
Trucking and warehousing	170,068	182,322	201,186	271,486	296,090	329,587	45,999*	40,123*	41,735*	48,560	49,480	49,796
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	238,423	252,566	263,678	271,235	283,189	295,452	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	117,393	136,514	147,150	167,866	189,841	212,235	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	324,214	335,986	356,322	413,207	474,291	509,750	149,375*	161,335	158,717	190,682	198,138	222,311
Retail trade	1,142,258	1,189,627	1,349,190	1,479,269	1,638,676	1,833,326	203,749	215,549	240,555	249,901	274,045	298,289
Finance, insurance, and real estate	345,549	328,049	392,979	440,798	494,065	594,819	106,892*	(D)	(D)	(D)	155,154	170,612
Banking and credit agencies	158,025	171,124	196,330	216,388	229,315	267,605	31,788	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	187,524	156,925	196,649	224,410	264,750	327,214	75,880*	75,519	88,754	99,325	(D)	(D)
Services	1,913,390	2,075,111	2,303,773	2,610,199	3,016,954	3,372,341	339,902	370,224	404,117	449,282	496,638	538,375
Hotels and other lodging places	71,340	76,878	85,479	100,584	127,192	146,016	16,941	19,884	21,135	(D)	(D)	(D)
Personal services	88,096	103,998	110,852	118,022	143,061	153,339	19,301	21,287	22,792	24,981	27,268*	28,540*
Private households	(D)	(D)	(D)	(D)	54,577	57,218	6,002	6,460	6,778	7,602	7,685	7,978
Business services	289,351	340,955	393,639	460,457	569,573	672,947	31,130	34,678	39,895	49,588	59,375	70,574
Auto repair, services, and garages	115,952	109,032	131,300	160,193	181,308	197,534	17,618	16,507	18,694	20,958	22,269	25,327
Miscellaneous repair services	43,199	46,592	58,236	74,419	74,898	81,338	4,367	4,867	6,095	7,113	6,632	7,181
Amusement and recreation services	62,884	69,911	78,309	81,642	96,979	108,478	5,288*	5,403*	5,742*	7,645	8,015	8,321
Motion pictures	4,052	4,630	6,222	7,987	8,855	7,410	546	(D)	(D)	681	794	(D)
Health services	732,609	821,016	871,174	971,284	1,106,577	1,224,011	152,245	171,430	186,034	200,996	218,773	233,636
Legal services	56,752	66,944	76,842	92,607	106,014	119,014	16,865	19,325	23,678	28,264	31,538	35,708
Educational services	64,607	69,545	73,554	78,526	86,179	97,822	14,737	(D)	(D)	(D)	(D)	(D)
Social services	43,572	47,579	48,648	54,810	64,509	79,347	10,998*	10,273*	10,669*	12,083	12,835	14,109
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	1,315	1,503	238	(D)	(D)	624	584	(D)
Membership organizations	102,472	113,924	120,965	128,673	135,696	140,454	13,308	15,065	15,446	15,750	15,888	15,700
Miscellaneous services	196,702	158,308	200,121	226,390	260,221	285,910	29,992	26,901	27,435	32,130	38,255	44,516
Government and government enterprises	2,120,054	2,304,264	2,463,043	2,674,034	2,982,210	3,256,605	224,538	237,796	257,753	273,695	301,095	314,428
Federal, civilian	358,406	373,180	411,982	431,701	468,176	479,360	74,920	80,845	84,433	89,099	94,008	93,595
Military	364,638	454,751	490,395	524,823	571,750	588,641	6,753	8,795	8,809	9,914	10,952	11,781
State and local	1,397,010	1,476,333	1,560,666	1,717,510	1,942,284	2,188,604	142,865	148,156	164,511	174,682	196,135	209,052

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Rochester, MN (MSA)						Rochester, NY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,107,936**	**1,223,287**	**1,294,390**	**1,455,847**	**1,542,294**	**1,645,461**	**11,528,389**	**12,418,096**	**12,915,330**	**13,965,298**	**14,960,204**	**15,853,574**
Nonfarm personal income	1,086,929	1,206,781	1,289,865	1,433,806	1,525,571	1,615,347	11,442,319	12,335,936	12,868,986	13,899,779	14,885,667	15,759,102
Farm income[1]	21,007	16,506	4,525	22,041	16,723	30,114	86,070	82,160	46,344	65,519	74,537	94,472
Population (thousands)[2]	93.4	93.8	94.9	96.1	97.4	98.0	975.6	980.3	982.4	976.7	975.5	980.3
Per capita personal income (dollars)	**11,859**	**13,038**	**13,639**	**15,150**	**15,831**	**16,798**	**11,817**	**12,667**	**13,146**	**14,298**	**15,336**	**16,172**
Derivation of total personal income:												
Total earnings by place of work	994,361	1,082,686	1,154,227	1,312,717	1,394,928	1,477,526	8,849,208	9,487,295	9,714,813	10,450,854	11,376,764	12,048,253
Less: Personal contributions for social insurance[3]	65,398	73,184	79,211	88,726	98,801	104,844	565,165	606,354	636,819	689,110	783,149	835,738
Plus: Adjustment for residence	−92,666	−104,066	−111,850	−124,906	−133,308	−127,491	−128,249	−167,693	−162,124	−186,820	−210,251	−209,631
Equals: Net earnings by place of residence	836,297	905,436	963,166	1,099,085	1,162,819	1,245,191	8,155,794	8,713,248	8,915,870	9,574,924	10,383,364	11,002,884
Plus: Dividends, interest, and rent[4]	163,940	199,115	200,493	217,870	229,373	241,658	1,848,391	2,023,280	2,163,708	2,430,601	2,499,860	2,665,118
Plus: Transfer payments	107,699	118,736	130,731	138,892	150,102	158,612	1,524,204	1,681,568	1,835,752	1,959,773	2,076,980	2,185,572
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	827,455	913,252	981,771	1,103,875	1,173,073	1,228,487	7,456,269	8,025,650	8,161,552	8,768,617	9,547,775	10,061,163
Other labor income	89,047	101,477	109,051	115,891	122,759	127,130	775,587	862,594	867,395	886,917	939,747	969,756
Proprietors' income[6]	77,859	67,957	63,405	92,951	99,096	121,909	617,352	599,051	685,866	795,320	889,242	1,017,334
Farm	16,825	11,810	(L)	17,672	12,234	25,612	49,796	42,477	8,442	28,498	36,936	56,544
Nonfarm	61,034	56,147	63,370	75,279	86,862	96,297	567,556	556,574	677,424	766,822	852,306	960,790
Earnings by industry:												
Farm	21,007	16,506	4,525	22,041	16,723	30,114	86,070	82,160	46,344	65,519	74,537	94,472
Nonfarm	973,354	1,066,180	1,149,702	1,290,676	1,378,205	1,447,412	8,763,138	9,405,135	9,668,469	10,385,335	11,302,227	11,953,781
Private	889,535	975,947	1,051,440	1,183,331	1,257,161	1,315,014	7,810,604	8,393,639	8,593,817	9,223,019	10,052,029	10,614,087
Agricultural services, forestry, fisheries, and other[7]	4,521	4,643	5,282	5,368	7,320	8,068	19,455	19,206*	22,365*	24,699*	33,351	38,684
Agricultural services	4,490	4,635	5,178	5,289	7,265	8,000	19,175	19,147*	21,635*	24,236*	32,616	37,885
Forestry, fisheries, and other[7]	(L)	(L)	104	79	55	68	280	57	776	496	735	799
Mining	4,831	5,686	4,865	4,911	5,743	5,880	45,047	(D)	(D)	(D)	(D)	(D)
Coal mining	0	0	0	0	0	0	91	100	117	204	212	222
Oil and gas extraction	1,998	2,547	1,418	1,554	2,273	(D)	30,271*	26,017*	21,260*	23,275*	33,628*	33,877*
Metal mining	(L)	(L)	(L)	(L)	(L)	83	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	2,837	3,177	3,452	3,378	3,440	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	49,260	55,187	58,459	65,110	70,954	68,881	337,710	361,757	393,128	469,157	506,372*	563,392*
Manufacturing	285,157	314,123	336,215	383,997	400,743	413,548	4,332,378	4,650,236	4,504,869	4,658,954	5,014,940	5,065,228
Nondurable goods	33,117	36,431	38,428	39,748	41,595	43,047	576,913	624,805	645,550	691,927	722,345	761,479
Food and kindred products	25,958	28,943	28,780	29,046	30,177	30,084	(D)	159,272	159,587	(D)	(D)	(D)
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	0	0	0	0	0	0	(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	6,971	7,250	9,325	10,389	11,162	12,703	174,795	190,497	199,917	211,005	218,870	227,360
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	6,476	8,134	7,906	8,358	8,158	9,656*
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	252,040	277,692	297,787	344,249	359,148	370,501	3,755,465	4,025,431	3,859,319	3,967,027	4,292,595	4,303,749
Lumber and wood products	650	406	380	445	425	402	12,709*	12,354*	13,182*	13,945*	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	1,056	1,228	1,130	1,769	1,952	1,780	(D)	(D)	(D)	(D)	(D)	153,963*
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	516,107	474,994	493,731	572,520	597,703	583,417
Electric and electronic equipment	6,532	7,049	7,422	4,913	4,523	4,636	253,188*	252,657*	287,765*	321,149*	335,990*	326,483*
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	(D)	(D)	(D)	323	(D)	351*	(D)	(D)	(D)
Stone, clay, and glass products	4,979	4,128	3,680	3,118	3,080	3,284	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	336	(D)	(D)	(D)	(D)	(D)	2,671,826	2,979,340*	2,754,406*	2,706,766*	3,005,721*	3,052,880*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	42,939	43,961	44,865	50,127	51,133	50,139	342,734	373,968	378,129	408,615	435,246	457,290
Railroad transportation	290	438	604	603	568	278	12,905	11,030	9,896	10,560	10,294	8,083
Trucking and warehousing	16,459	17,255	16,905	20,783	19,455	19,059	76,320	78,396	81,135	93,788	94,540	98,607
Water transportation	(L)	(L)	(L)	(L)	(L)	0	(D)	(D)	(D)	718*	1,025*	1,377*
Other transportation[8]	6,912	7,638	8,141	8,831	9,385	8,777	(D)	(D)	(D)	(D)	(D)	(D)
Communication	14,106	16,023	16,897	14,583	13,237	12,668	92,612*	105,334*	105,657*	111,521*	126,376*	142,107*
Electric, gas, and sanitary services	5,173	2,611	2,321	5,330	8,489	9,357	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	25,583	27,121	27,284	30,403	30,514	30,730	350,475	371,560	386,891	430,185	474,885	508,837
Retail trade	83,828	90,670	97,548	104,421	108,726	112,244	648,411	688,411	755,539	812,189	883,590	962,542
Finance, insurance, and real estate	25,392	23,868	28,607	29,451	31,596	36,738	291,111	280,014	351,175	405,380	435,366	521,058
Banking and credit agencies	11,977	13,772	15,123	15,625	15,963	16,306	124,616*	129,154*	153,502*	199,761*	206,666	217,511
Other finance, insurance, and real estate[9]	13,415	10,096	13,484	13,826	15,633	20,432	159,979*	142,976*	186,961*	200,920*	228,700	303,547
Services	368,024	410,688	448,315	509,543	550,432	588,786	1,443,283	1,605,129	1,764,696	1,971,500	2,196,612	2,422,465
Hotels and other lodging places	16,103	16,723	18,634	19,118	20,037	19,558	(D)	19,572*	23,016*	23,770*	25,873*	28,666*
Personal services	10,009	10,777	11,298	11,966	14,998	15,883	63,292	68,510	75,257	78,072	91,820	96,462
Private households	3,427	3,676	3,822	4,246	4,280	4,403	16,677	17,802	18,533	20,556	20,593	21,095
Business services	9,767	10,569	11,912	14,235	14,578	16,217	212,451	256,625	291,114	349,988	427,125	484,706
Auto repair, services, and garages	7,475	6,994	7,292	8,501	7,488	8,212	45,630	46,630	52,157	62,402	65,446	72,580
Miscellaneous repair services	2,099	1,752	2,192	2,652	2,200	2,256	18,089	18,487	21,944	25,611	23,606	23,831
Amusement and recreation services	2,060	2,329	2,429	2,612	2,939	3,155	31,728*	31,257	34,538	38,317	43,228	45,601
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	2,412*	2,060*	2,254*	3,631	4,577*	(D)
Health services	287,001	326,045	358,034	407,738	440,080	473,324	479,160	548,710	587,032	623,883	683,629	757,871
Legal services	4,921	5,619	6,218	7,738	8,287	9,462	103,688	120,075	136,883	165,799	182,321	205,211
Educational services	2,720	2,914	3,108	3,386	3,419	3,468	197,046*	214,587*	242,166*	264,738*	277,966*	302,885*
Social services	7,058	7,951	7,813	9,860	12,882	13,602	78,471	79,755	85,824	92,463	98,718	100,475
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	4,310*	5,105*	5,356*	5,741*	6,044*	6,489*
Membership organizations	6,532	7,087	7,573	8,452	8,907	8,732	62,084	68,054	71,130	75,490	78,789	79,781
Miscellaneous services	8,364	7,723	7,477	8,496	9,694	9,936	98,123	95,337	105,154	126,599	151,880	173,619
Government and government enterprises	83,819	90,233	98,262	107,345	121,044	132,398	952,534	1,011,496	1,074,652	1,162,316	1,250,198	1,339,694
Federal, civilian	8,489	8,676	11,496	12,892	18,842	20,215	113,495	117,429	120,798	133,018	140,185	139,036
Military	1,406	1,618	1,871	2,017	2,127	2,493	10,340	11,789	12,577	13,462	15,030	15,661
State and local	73,924	79,939	84,895	92,436	100,075	109,690	828,699	882,278	941,277	1,015,836	1,094,983	1,184,997

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Rockford, IL (MSA)						Sacramento, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,160,039**	**3,184,829**	**3,284,810**	**3,634,835**	**3,852,111**	**4,052,681**	**13,031,697**	**13,835,336**	**14,871,668**	**16,469,480**	**18,206,410**	**19,828,371**
Nonfarm personal income	3,140,169	3,172,999	3,294,163	3,611,199	3,828,612	4,025,223	12,836,623	13,697,024	14,764,334	16,310,863	18,068,965	19,702,280
Farm income[1]	19,870	11,830	−9,353	23,636	23,499	27,458	195,074	138,312	107,334	158,617	137,445	126,091
Population (thousands)[2]	280.9	279.7	278.3	277.9	280.0	280.3	1,134.3	1,170.5	1,196.9	1,222.2	1,256.2	1,291.4
Per capita personal income (dollars)	**11,248**	**11,388**	**11,803**	**13,081**	**13,760**	**14,458**	**11,489**	**11,820**	**12,425**	**13,475**	**14,494**	**15,354**
Derivation of total personal income:												
Total earnings by place of work	2,535,766	2,446,063	2,504,852	2,870,866	3,092,934	3,294,494	8,861,261	9,351,458	10,112,868	11,391,738	12,763,897	14,032,421
Less: Personal contributions for social insurance[3]	149,080	149,214	151,228	172,190	194,125	208,421	481,135	528,049	585,349	657,877	765,268	837,788
Plus: Adjustment for residence	−118,783	−97,393	−109,237	−146,835	−168,412	−210,485	126,938	117,419	119,417	116,272	111,960	91,595
Equals: Net earnings by place of residence	2,267,903	2,199,456	2,244,387	2,551,841	2,730,397	2,875,588	8,507,064	8,940,828	9,646,936	10,850,133	12,110,589	13,286,228
Plus: Dividends, interest, and rent[4]	505,106	528,781	562,771	624,265	640,271	675,841	2,002,739	2,123,890	2,312,545	2,566,202	2,757,574	2,966,275
Plus: Transfer payments	387,030	456,592	477,652	458,729	481,443	501,252	2,521,894	2,770,618	2,912,187	3,053,145	3,338,247	3,575,868
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,079,292	2,006,618	2,044,932	2,327,550	2,508,071	2,660,798	7,291,052	7,723,308	8,252,396	9,238,597	10,413,454	11,442,775
Other labor income	257,166	245,617	252,399	278,580	295,738	313,326	564,503	642,181	723,574	793,409	870,556	946,040
Proprietors' income[5]	199,308	193,828	207,521	264,736	289,125	320,370	1,005,706	985,969	1,136,898	1,359,732	1,479,887	1,643,606
Farm	16,092	7,426	−13,585	19,478	19,254	23,193	143,761	81,769	56,062	108,083	85,680	76,293
Nonfarm	183,216	186,402	221,106	245,258	269,871	297,177	861,945	904,200	1,080,836	1,251,649	1,394,207	1,567,313
Earnings by industry:												
Farm	19,870	11,830	−9,353	23,636	23,499	27,458	195,074	138,312	107,334	158,617	137,445	126,091
Nonfarm	2,515,896	2,434,233	2,514,205	2,847,230	3,069,435	3,267,036	8,666,187	9,213,146	10,005,534	11,233,121	12,626,452	13,906,330
Private	2,336,278	2,222,105	2,295,155	2,620,770	2,830,206	3,013,441	5,578,154	5,931,140	6,582,973	7,494,721	8,422,903	9,310,969
Agricultural services, forestry, fisheries, and other[7]	7,149	7,148	7,638	7,127	6,712	7,413	52,543	53,805	61,085	66,636	65,120	77,651
Agricultural services	7,014	7,191	7,227	6,732	6,511	7,174	51,062	53,511	57,912	64,485	62,532	74,698
Forestry, fisheries, and other[7]	135	(L)	411	395	201	239	1,481	294	3,173	2,151	2,588	2,953
Mining	9,246	6,284*	(D)	7,141	9,740	9,215	39,034	37,582	36,828	41,342	52,609	49,111
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	95	108	144	194	214	(D)
Oil and gas extraction	6,068*	4,992*	4,373*	4,760*	7,147*	7,253*	33,286	33,875	33,695	36,823*	48,453	45,210
Metal mining	0	0	0	0	0	0	1,641*	(D)	(D)	461*	835	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,107	(D)
Construction	113,693	113,700	119,602	130,863*	134,988*	146,585*	620,405	610,699	735,749	919,421	1,040,595	1,219,259
Manufacturing	1,270,017	1,109,599	1,112,793	1,322,066	1,425,830	1,487,106	662,163	679,689	731,101	859,785	966,026	1,078,425
Nondurable goods	124,657	129,366	134,459	142,918	158,610	181,939	307,776	304,931	313,822	353,795	380,856	393,777
Food and kindred products	71,163	(D)	(D)	(D)	(D)	(D)	162,356*	159,238*	158,606*	176,772*	178,911	183,700
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	439	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	378	294	361	438	475	509	(D)	(D)	4,454*	5,501*	6,265*	7,861*
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	17,098	18,637	20,444	22,400	25,075	27,731	72,920	71,263	76,365	87,155	110,260	121,678
Chemicals and allied products	14,903*	15,612*	16,774*	17,644*	18,610*	17,948*	22,687*	23,488*	23,151*	25,782*	25,123*	25,035*
Petroleum and coal products	4,134	2,450	712	0	0	(D)	878*	1,255*	1,238*	1,149*	1,890*	2,029*
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	9,300	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,145,360	980,233	978,334	1,179,148	1,267,220	1,305,167	354,387	374,758	417,279	505,990	585,170	684,648
Lumber and wood products	1,523*	1,500*	2,523*	2,847	3,430	3,900*	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	3,995	4,192	4,079	4,536	4,530	6,097	12,817	12,102	14,057	16,388*	16,998	18,488
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,344*	5,338*	6,235*	(D)	(D)
Fabricated metal products	267,725	222,741	216,673	278,876	277,648	266,717	(D)	47,669*	47,712*	57,789*	60,935	57,048
Machinery, except electrical	367,116*	298,987*	261,420*	311,475*	(D)	(D)	(D)	(D)	(D)	89,584	100,176	111,272
Electric and electronic equipment	34,045	36,449	39,757	47,061	56,550	62,297	10,339	(D)	(D)	(D)	49,119*	86,639*
Transportation equip. exc. motor vehicles	159,919	163,563	172,825	192,278	223,217	241,725	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	168,217	(D)	(D)	(D)	(D)	(D)	13,248*	11,861*	10,594*	8,270*	7,531*	9,158*
Stone, clay, and glass products	14,987*	(D)	6,801*	7,345*	6,795*	12,898	33,582	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	6,743*	(D)	(D)	11,610*	14,246*	(D)
Miscellaneous manufacturing industries	9,641	(D)	(D)	(D)	(D)	(D)	3,397*	3,645*	4,461*	6,334	6,819	7,499*
Transportation and public utilities	128,569	132,015	135,213	144,231	149,407	149,413	663,306	711,260	742,625	810,221	837,449	876,274
Railroad transportation	3,721	2,947	2,270	2,815	3,000	(D)	116,928	110,159	110,059	122,728	118,937	109,931
Trucking and warehousing	45,328	45,897	46,024	54,886	57,158	55,675	146,344	155,684	172,974	205,775	209,551	232,036
Water transportation	(D)	(D)	(D)	(D)	134	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	13,431	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	29,479*	30,893*	(D)	26,634*	27,106*	(D)	(D)	(D)	307,182*	318,688	328,669
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	43,763*	44,522*	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	140,400	141,004*	143,749*	154,219*	170,850*	171,163*	405,796	439,053	467,456	543,032	609,489	671,922
Retail trade	208,099	205,206	223,441	237,522	251,737	285,045	1,028,094	1,088,202	1,223,276	1,318,576	1,458,859	1,532,967
Finance, insurance, and real estate	91,365	90,999	80,818	87,187	90,724	107,779	436,823	448,376	529,425	584,716	686,000	795,478
Banking and credit agencies	29,061*	32,631*	35,991*	38,868*	42,013*	48,425*	160,374	175,989	203,935	221,074	242,025	272,402
Other finance, insurance, and real estate[9]	57,588*	53,823*	39,763*	42,699*	42,644*	52,885*	276,449	272,387	325,490	363,642	443,975	523,076
Services	367,740	409,261	458,739	509,793	569,827	628,156	1,669,990	1,862,474	2,055,428	2,350,992	2,706,756	3,009,882
Hotels and other lodging places	4,736	5,403	9,538	10,993	10,674*	12,603*	(D)	49,550	61,473	62,261	61,537	66,086
Personal services	26,485	30,266	33,479	36,707	42,427	44,293	89,738	98,598	105,044	111,996	139,168	151,643
Private households	3,305	3,523	3,655	4,052	4,054	4,153	(D)	(D)	(D)	(D)	(D)	(D)
Business services	59,573	69,603	85,564	101,930	125,159	144,260	254,591	317,671	358,114	433,226	532,815	615,976
Auto repair, services, and garages	18,087	18,658	21,975	26,207	29,939	32,377	98,019	100,784	112,720	140,958	154,953	169,348
Miscellaneous repair services	6,640	6,753	8,569	10,860	10,578	11,098	45,290	50,762	61,674	79,762	72,180	70,473
Amusement and recreation services	5,086	5,855	6,886	7,137	8,029	8,875	31,910	46,889	55,548	63,849	76,570	78,418
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	4,422	(D)	(D)	(D)	(D)	(D)
Health services	151,612	173,766	186,202	198,549	214,913	233,186	594,220	674,911	736,412	803,628	913,935	1,018,949
Legal services	17,695	20,209	23,002	26,145	28,233	31,268	105,350	121,384	141,108	169,674	196,314	221,342
Educational services	7,691	8,678	10,423	12,655	13,814	15,308	25,133	29,583	30,216	34,737	38,321	47,717
Social services	12,423	13,064	13,668	13,344	13,838	16,936	47,643	48,070	49,617	57,596	67,218	77,940
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	20,729	22,004	22,509	24,350	23,298	25,011	103,759	112,644	120,485	131,045	143,320	149,362
Miscellaneous services	32,092	29,384	31,184	35,058	43,103	46,993	178,859	173,828	183,497	217,434	263,632	293,139
Government and government enterprises	179,618	212,128	219,050	226,460	239,229	253,595	3,088,033	3,282,006	3,422,561	3,738,400	4,203,549	4,595,361
Federal, civilian	24,595	25,644	27,248	28,911	30,756	31,807	630,253	677,771	709,702	761,015	838,576	848,438
Military	2,688	3,066	3,477	3,457	3,883	4,260	171,204	201,464	219,241	233,722	255,557	261,957
State and local	152,335	183,418	188,325	194,092	204,590	217,528	2,286,576	2,402,771	2,493,618	2,743,663	3,109,416	3,484,966

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Saginaw—Bay City—Midland, MI (MSA)						St. Cloud, MN (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,437,242**	**4,417,154**	**4,718,864**	**5,029,532**	**5,349,390**	**5,554,827**	**1,434,444**	**1,508,140**	**1,586,673**	**1,794,142**	**1,911,353**	**2,042,146**
Nonfarm personal income	4,394,834	4,385,131	4,674,628	4,995,001	5,310,058	5,527,786	1,374,368	1,474,550	1,582,506	1,749,610	1,855,632	1,954,118
Farm income[1]	42,408	32,023	44,236	34,531	39,332	27,041	60,076	33,590	4,167	44,532	55,721	88,028
Population (thousands)[2]	419.4	415.2	411.6	411.1	404.8	403.6	165.9	167.6	168.8	170.8	172.6	175.1
Per capita personal income (dollars)	**10,580**	**10,638**	**11,463**	**12,233**	**13,215**	**13,763**	**8,645**	**8,998**	**9,398**	**10,507**	**11,074**	**11,664**
Derivation of total personal income:												
Total earnings by place of work	3,409,644	3,273,421	3,472,699	3,699,576	3,962,622	4,112,670	991,324	1,016,506	1,046,193	1,200,148	1,285,369	1,432,916
Less: Personal contributions for social insurance[3]	204,572	209,199	214,058	230,660	261,511	273,976	61,057	66,360	70,955	77,866	86,463	95,212
Plus: Adjustment for residence	−68,228	−70,798	−52,044	−60,978	−47,600	−72,963	89,641	87,088	100,243	124,600	133,925	98,431
Equals: Net earnings by place of residence	3,136,844	2,993,424	3,206,597	3,407,938	3,653,511	3,765,731	1,019,908	1,037,234	1,075,481	1,246,882	1,332,831	1,436,135
Plus: Dividends, interest, and rent[5]	661,379	698,107	743,776	825,776	869,972	913,065	208,699	238,452	259,159	281,326	295,584	310,356
Plus: Transfer payments	639,019	725,623	768,491	795,818	825,907	876,031	205,837	232,454	252,033	265,934	282,938	295,655
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,805,650	2,715,088	2,849,268	3,048,291	3,270,809	3,395,225	763,352	811,406	852,643	940,815	998,605	1,090,968
Other labor income	397,529	380,865	403,816	419,889	439,739	453,759	75,335	82,290	86,208	91,028	97,369	106,575
Proprietors' income[6]	206,465	177,468	219,615	231,396	252,074	263,686	152,637	122,810	107,342	168,305	189,395	235,373
Farm	36,293	25,181	37,753	28,163	32,895	20,572	48,290	21,054	−7,835	32,798	43,676	76,016
Nonfarm	170,172	152,287	181,862	203,233	219,179	243,114	104,347	101,756	115,177	135,507	145,719	159,357
Earnings by industry:												
Farm	42,408	32,023	44,236	34,531	39,332	27,041	60,076	33,590	4,167	44,532	55,721	88,028
Nonfarm	3,367,236	3,241,398	3,428,463	3,665,045	3,923,290	4,085,629	931,248	982,916	1,042,026	1,155,616	1,229,648	1,344,888
Private	3,033,890	2,894,988	3,064,387	3,283,170	3,524,803	3,649,370	767,234	801,681	850,406	944,710	1,008,541	1,108,900
Agricultural services, forestry, fisheries, and other[7]	5,262	5,646	6,532	7,008	7,213	7,521	4,349	5,055	6,624	7,695	5,109	5,537
Agricultural services	5,168	5,679	6,251	6,716	7,074	7,341	(D)	4,895	6,438	(D)	(D)	(D)
Forestry, fisheries, and other[7]	94	(L)	281	292	139	180	(D)	160	186	(D)	(D)	(D)
Mining	11,029	11,238	10,132	11,955	16,651	14,592	(D)	(D)	(D)	(D)	(D)	(D)
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	9,152	7,528	8,660	12,398	11,952	(D)	1,707	1,174	1,174	1,766	1,779
Metal mining	0	(L)	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	2,074	2,592	3,274	4,231	2,617	(D)	(D)	(D)	(D)	(D)	(D)
Construction	239,967	236,110	214,683	180,280	175,202	199,709	87,940	84,219	77,941	92,507	104,146	121,327
Manufacturing	1,632,692	1,468,724	1,573,975	1,771,176	1,933,411	1,924,045	214,291	205,013	214,938	234,800	245,205	266,957
Nondurable goods	513,021	517,340	526,311	560,654	614,432	657,403	90,496*	85,298*	90,231*	97,375*	100,424*	110,798
Food and kindred products	42,998*	43,582*	41,274*	40,478*	42,743	42,360	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	0	0	0	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,175*	1,341*	1,153*	1,033*	1,167
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	19,095	19,984	20,176	23,804	26,692	30,261	(D)	17,429	21,440	(D)	27,274*	(D)
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	774	798*	646*	567	(D)	26,694	0	0	0	0	(D)	(D)
Tobacco manufactures	153	(L)	79	87	(L)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	18,157*	24,389	27,729	29,986	35,862	16,212	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,119,671	951,384	1,047,664	1,210,522	1,318,979	1,266,642	(D)	(D)	(D)	(D)	(D)	156,159
Lumber and wood products	5,871	3,998*	4,812*	6,662	7,176	6,997	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	454*	538	704	1,227	1,276	1,503*
Primary metal industries	(D)	(D)	(D)	408,557	348,147*	344,233*	(D)	(D)	(D)	1,673	(D)	(D)
Fabricated metal products	(D)	18,721*	21,707*	24,707*	27,282*	30,759*	27,467	33,072	33,059	41,235	42,766	43,820
Machinery, except electrical	132,020	103,931	81,976	89,952	96,586	102,258	30,507	21,303	16,916	14,280	16,014	20,506
Electric and electronic equipment	(D)	(D)	(D)	(D)	34,532*	41,306	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	454,423	(D)	(D)	(D)	(D)	(D)	0	0	0	0	(D)	(D)
Stone, clay, and glass products	(D)	8,086	8,429	9,703	11,397	11,400	(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	3,153	2,953*	2,932*	(D)	(D)	(D)	747	664	741	1,058	1,421	1,827
Transportation and public utilities	199,186	(D)	(D)	(D)	204,790	211,305	98,563*	100,914*	98,943*	103,442*	94,798*	108,475*
Railroad transportation	22,011	22,114	22,385	(D)	19,603	14,742	24,065	20,465	17,803	11,078	1,897	2,631
Trucking and warehousing	46,379	42,343	41,715	46,952	51,938	56,809	32,371	33,643	34,713	43,109	42,211	47,166
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	−85	(L)	(L)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	11,381	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)	15,460	17,397	17,355	18,553	16,338	16,951
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	36,150	42,206
Wholesale trade	101,407	99,562*	100,924*	105,310*	127,960	143,637	45,419	48,684	57,529	65,913	69,527	74,967
Retail trade	282,795	280,100	300,228	317,824	331,814	351,054	116,098	143,688	153,912	170,195	187,935	207,003
Finance, insurance, and real estate	96,103	90,294	96,664	93,059	100,776	118,073	30,388	30,129	33,969	37,219	40,702	48,641
Banking and credit agencies	(D)	(D)	(D)	(D)	50,574	54,944	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	43,588*	41,039*	47,675*	42,848*	50,202	63,129	(D)	(D)	(D)	(D)	(D)	20,305*
Services	465,449	491,503	538,348	578,697	626,986	679,434	159,984	173,536	194,217	218,719	245,975	261,980
Hotels and other lodging places	(D)	(D)	(D)	13,415	13,760	(D)	3,676*	3,793*	4,452*	(D)	(D)	(D)
Personal services	23,610	25,721	26,807	26,701	31,019	33,062	9,268	10,254	10,966	11,647	14,941	16,007
Private households	7,912	8,343	8,575	9,487	9,511	9,786	2,085	2,231	2,318	2,571	2,595	2,669
Business services	34,343	37,495	46,552	53,795	63,251	73,229	11,731	13,321	15,070	19,188	23,442	25,400
Auto repair, services, and garages	20,305	17,723	19,322	24,375	25,826	28,017	11,576	9,971	12,090	16,825	18,356	18,886
Miscellaneous repair services	5,788	6,141	7,613	9,098	11,742	11,034*	4,274	4,422	5,713	6,728	6,068	6,923
Amusement and recreation services	10,181	9,948	10,148	10,509	10,712	11,081	2,702	2,629	3,080	(D)	4,850	4,602
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	927	1,098	1,036
Health services	228,954	249,472	268,547	284,624	290,798	314,661	65,267	72,404	81,008	85,240	93,988	100,570
Legal services	22,589	26,350	30,006	31,320	37,278	38,441	(D)	7,729	9,235	11,657	13,116	14,846
Educational services	9,746	(D)	(D)	(D)	14,614	16,045	14,837	18,097	19,740	(D)	(D)	(D)
Social services	14,268	14,305	15,448	16,973	18,097	19,779	(D)	(D)	(D)	9,739	11,277	12,336
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	31,358	32,788	(D)	35,251	35,651	(D)	9,583	10,200	(D)	11,556	12,346
Miscellaneous services	48,334	44,650	50,275	50,917	64,640	70,508	11,498	10,236	10,940	13,072	16,032	16,703
Government and government enterprises	333,346	346,410	364,076	381,875	398,487	436,259	164,014	181,235	191,620	210,906	221,107	235,988
Federal, civilian	39,827	41,711	44,068	47,253	52,217	50,584	36,890	39,501	40,964	42,747	43,565	43,571
Military	3,842	4,495	4,968	4,982	5,338	5,723	2,492	2,891	3,426	3,709	3,953	4,438
State and local	289,677	300,204	315,040	329,640	340,932	379,952	124,632	138,843	147,230	164,450	173,589	187,979

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	St. Joseph, MO (MSA)						St. Louis, MO—IL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**855,514**	**910,036**	**941,047**	**1,001,622**	**1,052,794**	**1,107,648**	**27,632,783**	**29,355,716**	**31,422,533**	**34,266,350**	**36,497,463**	**38,658,169**
Nonfarm personal income	841,399	901,638	938,636	994,288	1,039,115	1,096,311	27,519,506	29,296,271	31,398,965	34,196,037	36,444,571	38,604,583
Farm income[1]	14,115	8,398	2,411	7,334	13,679	11,337	113,277	59,445	23,568	70,313	52,892	53,586
Population (thousands)[2]	87.1	86.6	86.4	86.1	85.7	85.8	2,383.3	2,381.4	2,388.6	2,403.6	2,422.3	2,438.0
Per capita personal income (dollars)	**9,821**	**10,503**	**10,888**	**11,636**	**12,290**	**12,905**	**11,594**	**12,327**	**13,155**	**14,257**	**15,067**	**15,857**
Derivation of total personal income:												
Total earnings by place of work	624,042	654,638	667,196	717,172	756,881	773,982	20,717,509	21,646,285	23,242,033	25,681,785	27,578,616	29,254,785
Less: Personal contributions for social insurance[3]	36,614	39,749	39,852	43,048	47,056	48,532	1,224,272	1,313,643	1,378,692	1,531,820	1,717,670	1,840,701
Plus: Adjustment for residence	−41,673	−48,386	−48,046	−53,939	−54,046	−39,528	−592,081	−557,459	−584,766	−693,798	−758,259	−818,037
Equals: Net earnings by place of residence	545,755	566,503	579,298	620,185	655,779	685,922	18,901,156	19,775,183	21,278,575	23,456,167	25,102,687	26,596,047
Plus: Dividends, interest, and rent[5]	159,489	180,161	187,113	200,845	205,908	214,548	4,977,824	5,486,170	5,737,818	6,287,760	6,595,087	6,946,994
Plus: Transfer payments	150,270	163,372	174,636	180,592	191,107	207,178	3,753,803	4,094,363	4,406,140	4,522,423	4,799,689	5,115,128
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	510,769	542,703	553,504	590,713	615,730	627,668	17,220,652	18,091,506	19,332,150	21,343,292	22,882,289	24,179,188
Other labor income	49,342	55,846	57,007	58,753	60,938	61,468	1,775,816	1,953,388	2,105,888	2,255,605	2,381,494	2,504,734
Proprietors' income[6]	63,931	56,089	56,685	67,706	80,213	84,846	1,721,041	1,601,391	1,803,995	2,082,888	2,314,833	2,570,863
Farm	12,945	7,277	1,323	6,256	12,590	10,242	91,500	36,901	1,771	48,790	31,017	31,571
Nonfarm	50,986	48,812	55,362	61,450	67,623	74,604	1,629,541	1,564,490	1,802,224	2,034,098	2,283,816	2,539,292
Earnings by industry:												
Farm	14,115	8,398	2,411	7,334	13,679	11,337	113,277	59,445	23,568	70,313	52,892	53,586
Nonfarm	609,927	646,240	664,785	709,838	743,202	762,645	20,604,232	21,586,840	23,218,465	25,611,472	27,525,724	29,201,199
Private	533,137	564,571	577,012	616,677	645,308	656,949	18,083,337	18,885,819	20,263,687	22,491,591	24,183,896	25,778,395
Agricultural services, forestry, fisheries, and other[7]	2,630	3,514	4,240	3,670	4,421	4,998	54,772	57,800	68,395	70,947	69,685	82,060
Agricultural services	2,123	3,338	3,532	3,283	(D)	(D)	54,036	57,803	66,365	68,984	68,057	79,425
Forestry, fisheries, and other[7]	507	176	708	387	(D)	(D)	736	(L)	2,030	1,963	1,628	2,635
Mining	2,079	1,959	1,933	1,342	1,819	1,795	204,122	195,428	180,739	231,688	274,137	264,950
Coal mining	0	0	0	0	0	0	93,540	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	1,342	1,785	1,784	83,867*	70,524*	56,365*	59,916*	89,856*	(D)
Metal mining	(L)	(L)	(L)	(L)	(L)	75	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(L)	(L)	−64	(D)	(D)	(D)	(D)	(D)	(D)
Construction	45,407	40,797	32,623	42,196	45,713	46,854	1,302,834	1,346,828	1,465,520	1,764,500	1,934,123	2,079,220
Manufacturing	172,675	182,686	187,845	198,050	219,104	215,778	5,744,457	5,824,898	6,127,394	6,878,402	7,244,784	7,546,396
Nondurable goods	108,866	117,123	123,282	123,980	134,152	135,235	2,076,236	2,207,455	2,312,520	2,489,325	2,614,467	2,707,923
Food and kindred products	51,930	56,681	56,890	54,823	57,018	60,995	572,684*	617,662*	652,708*	694,701*	719,738*	766,715*
Textile mill products	0	0	0	0	0	0	6,114*	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	9,143	9,382	9,980	9,260	10,396	8,921	97,784*	(D)	(D)	(D)	98,333*	100,048*
Paper and allied products	(D)	(D)	(D)	(D)	31,736	30,778	129,747*	(D)	(D)	155,827*	163,663*	153,392*
Printing and publishing	5,087	(D)	(D)	(D)	(D)	(D)	321,245*	339,271*	357,896*	410,125*	423,790*	461,564
Chemicals and allied products	14,806	15,950	16,404	18,293	20,901	19,700	607,667*	676,039*	704,281*	748,949*	805,738	810,761*
Petroleum and coal products	135	147	163	168	162	169	122,773	114,115	115,696	116,075*	140,555	150,399
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)	113,632*	118,662*	122,088*
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	63,809	65,563	64,563	74,070	84,952	80,543	3,668,221	3,617,443	3,814,874	4,389,077	4,630,317	4,838,473
Lumber and wood products	3,405	2,890	2,835	3,457	3,182	2,990	27,125*	25,594*	27,264*	28,165*	29,850*	34,779*
Furniture and fixtures	174	144	126	162	291	314	54,947*	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	0	0	0	0	0	538,892*	477,166*	435,119*	485,675*	496,993*	491,543*
Fabricated metal products	27,312	27,357	26,020	29,553	32,092	31,675	458,531*	460,962*	464,167*	485,650*	485,809*	504,460*
Machinery, except electrical	6,797	7,144	7,185	8,452	10,204	10,683	469,514*	448,733*	445,169*	519,520*	518,206*	532,108*
Electric and electronic equipment	11,579	(D)	(D)	15,610	22,595	(D)	460,258	352,511*	364,171*	390,792*	437,177*	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	1,035,415*	1,042,870*	1,081,549*	1,141,599*	1,229,773*	1,315,908*
Motor vehicles and equipment	0	0	0	0	0	0	328,207	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	1,623	940	422	1,489	944	566	(D)	(D)	(D)	99,005*	96,233*	101,684*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	67,488*	197,919*	224,198*	257,402*	265,809*	265,028*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	51,384	57,475	60,287	65,237	66,305	70,268	1,967,871	2,065,948	2,223,949	2,360,725	2,424,733	2,503,072
Railroad transportation	12,862	13,559	14,609	14,386	12,071	9,907	208,011*	219,494*	236,966*	(D)	(D)	166,360
Trucking and warehousing	13,932	17,009	17,677	21,013	24,140	29,493	520,061	490,096	479,988	541,593	516,922	531,043
Water transportation	0	0	0	0	0	0	82,099*	71,297*	83,688*	100,462*	85,182*	88,510*
Other transportation[8]	1,643	2,784	2,800	3,115	3,004	2,733	(D)	388,494*	450,650*	488,721*	551,217*	(D)
Communication	9,147	10,652	10,957	11,734	11,851	12,306	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	13,800	13,471	14,244	14,989	15,239	15,829	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	48,648	52,260	49,048	49,418	45,588	45,693	1,758,406	1,796,216	1,702,466	1,886,036	2,034,505	2,036,378
Retail trade	66,226	66,810	71,327	74,157	77,362	79,193	1,929,610	2,002,034	2,204,692	2,375,676	2,579,096	2,781,170
Finance, insurance, and real estate	34,111	34,857	36,443	42,240	43,687	46,465	1,060,874	1,075,944	1,281,753	1,388,180	1,540,200	1,869,498
Banking and credit agencies	(D)	13,518	14,792	15,778	14,893	12,427	377,892*	401,666*	437,077*	474,903*	514,556*	584,846*
Other finance, insurance, and real estate[9]	(D)	21,339	21,651	26,462	28,794	34,038	672,894*	608,369*	771,073*	835,917*	928,155*	1,162,556*
Services	109,977	124,213	133,266	140,367	141,309	145,905	4,060,391	4,520,723	5,008,779	5,535,437	6,082,633	6,615,651
Hotels and other lodging places	2,283	2,311	2,475	2,431	2,970	2,916	(D)	(D)	(D)	111,967*	108,341*	124,500*
Personal services	6,303	7,018	7,429	7,943	8,704	9,347	202,767	204,991	224,664	240,334	285,660	307,573
Private households	1,358	1,450	1,507	1,677	1,686	1,737	55,321	(D)	(D)	(D)	(D)	71,003
Business services	12,314	15,077	18,375	20,747	21,887	22,015	736,457	905,453	1,062,155	1,198,732	1,415,029	1,564,149
Auto repair, services, and garages	5,352	5,724	7,176	8,006	6,819	6,639	182,844	183,169	208,795	246,457	259,278	284,575
Miscellaneous repair services	1,661	1,606	2,047	2,330	1,911	2,043	76,452	74,362	86,759	98,234	88,484	94,161
Amusement and recreation services	1,348	1,538	1,445	1,638	1,740	1,858	101,265*	109,914	123,882	134,268	149,806	154,548
Motion pictures	(D)	310	247	327	372	362	21,712*	24,244*	26,761*	30,810*	31,535*	33,049*
Health services	57,131	68,744	70,930	71,486	70,118	72,178	1,423,453	1,627,441	1,754,867	1,857,242	2,000,492	2,138,689
Legal services	3,864	4,242	4,691	5,823	6,287	7,027	227,588	276,086	319,959	380,764	425,165	471,472
Educational services	970	(D)	(D)	(D)	(D)	(D)	260,409*	293,593*	325,860*	(D)	(D)	(D)
Social services	5,502	4,615	5,025	5,045	5,387	5,872	110,459*	105,744*	114,698*	129,802*	134,876*	149,992*
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,643	6,285	6,561	6,706	6,265	6,302	183,495	192,740	201,052	211,042	217,678	226,551
Miscellaneous services	4,948	4,230	4,218	4,971	5,632	5,900	373,860	356,817	374,591	444,760	483,033	537,848
Government and government enterprises	76,790	81,669	87,773	93,161	97,894	105,696	2,520,895	2,701,021	2,954,778	3,119,881	3,341,828	3,422,804
Federal, civilian	13,567	13,830	14,508	14,736	15,506	15,686	774,533	814,428	932,401	974,944	1,034,818	1,010,335
Military	1,805	2,060	2,897	3,123	3,364	3,743	216,539	249,234	275,689	290,678	316,388	338,533
State and local	61,418	65,779	70,368	75,302	79,024	86,267	1,529,823	1,637,359	1,746,688	1,854,259	1,990,622	2,073,936

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Salem, OR (MSA)						Salinas—Seaside—Monterey, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,467,593**	**2,513,198**	**2,645,402**	**2,848,291**	**3,046,030**	**3,224,903**	**3,601,623**	**3,803,143**	**4,174,056**	**4,481,906**	**4,795,122**	**5,172,525**
Nonfarm personal income	2,402,083	2,454,960	2,602,690	2,781,935	2,970,422	3,123,105	3,172,267	3,379,073	3,626,546	3,962,160	4,310,693	4,634,523
Farm income[1]	65,510	58,238	42,712	66,356	75,608	101,798	429,356	424,070	547,510	519,746	484,429	538,002
Population (thousands)[2]	255.0	255.2	254.8	257.4	258.9	262.1	300.1	306.9	314.8	322.8	329.4	339.7
Per capita personal income (dollars)	**9,677**	**9,848**	**10,381**	**11,067**	**11,763**	**12,303**	**12,001**	**12,392**	**13,258**	**13,884**	**14,559**	**15,228**
Derivation of total personal income:												
Total earnings by place of work	1,573,292	1,537,993	1,590,076	1,734,286	1,867,375	2,004,164	2,469,050	2,635,151	2,938,373	3,144,178	3,397,506	3,663,170
Less: Personal contributions for social insurance[3]	89,825	94,238	97,481	106,408	117,946	125,273	112,189	124,825	139,086	153,811	175,953	189,821
Plus: Adjustment for residence	102,430	117,922	126,189	145,205	162,443	152,669	3,451	(L)	543	2,923	−7,813	192
Equals: Net earnings by place of residence	1,585,897	1,561,677	1,618,784	1,773,083	1,911,872	2,031,560	2,360,312	2,510,307	2,799,830	2,993,290	3,213,740	3,473,541
Plus: Dividends, interest, and rent[5]	458,714	480,545	516,810	555,229	571,994	602,939	720,999	747,079	790,492	889,876	930,603	1,003,834
Plus: Transfer payments	422,982	470,976	509,808	519,979	562,164	590,404	520,312	545,757	583,734	598,740	650,779	695,150
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,274,161	1,257,859	1,297,238	1,387,385	1,484,705	1,568,935	1,820,885	2,000,441	2,108,750	2,293,902	2,506,423	2,646,059
Other labor income	107,306	110,650	114,341	119,172	129,685	137,002	132,243	149,430	163,947	175,846	189,833	200,059
Proprietors' income[6]	191,825	169,484	178,497	227,729	252,985	298,227	515,922	485,280	665,676	674,430	701,250	817,052
Farm	34,594	23,084	9,221	33,543	41,955	67,895	271,353	244,180	371,077	345,300	313,218	380,306
Nonfarm	157,231	146,400	169,276	194,186	211,030	230,332	244,569	241,100	294,599	329,130	388,032	436,746
Earnings by industry:												
Farm	65,510	58,238	42,712	66,356	75,608	101,798	429,356	424,070	547,510	519,746	484,429	538,002
Nonfarm	1,507,782	1,479,755	1,547,364	1,667,930	1,791,767	1,902,366	2,039,694	2,211,081	2,390,863	2,624,432	2,913,077	3,125,168
Private	1,065,014	1,017,372	1,065,068	1,162,337	1,243,550	1,325,998	1,345,972	1,429,257	1,565,850	1,742,405	1,963,426	2,138,605
Agricultural services, forestry, fisheries, and other[7]	17,830	15,725	21,502	21,724	20,409	23,754	78,252	88,654	110,038	126,486	169,989	186,828
Agricultural services	11,121	11,694	13,096	12,675	12,390	14,428	68,938	81,687	97,035	121,664	149,676	164,364
Forestry, fisheries, and other[7]	6,709	4,031	8,406	9,049	8,019	9,326	9,314	6,967	13,003	4,822	20,313	22,464
Mining	5,353	4,316	3,988	4,732	6,341	712	23,340	21,564	20,003	20,633	29,620	30,147
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	4,083	(D)	20,083	18,433	16,765	18,113	26,695	26,671
Metal mining	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	2,249	−3,586*	3,257	3,147	3,237	2,520	2,913	3,449
Construction	101,341	79,228	80,539	89,447	102,948	115,503	116,069	124,963	141,750	160,890	174,975	194,264
Manufacturing	276,797	252,515	250,715	281,257	291,838	297,542	177,091	191,235	186,190	199,489	217,869	234,933
Nondurable goods	130,095	129,520	118,733	124,569	125,581	129,372	126,376	136,590	130,210	133,364	149,637	165,940
Food and kindred products	80,193	84,764	80,462	82,192	81,415	81,067	89,740	98,477	88,015	86,779	93,553	109,616
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	(D)	(D)
Apparel and other textile products	1,629	2,106*	1,465*	2,000*	1,583*	1,581*	3,346	(D)	(D)	4,762	5,101	(D)
Paper and allied products	22,419*	18,724*	12,033*	12,949*	11,297*	12,139*	5,650	(D)	(D)	(D)	(D)	10,504
Printing and publishing	18,368*	17,039*	16,431*	17,187*	18,042*	19,097*	18,440	19,939	22,481	25,152	31,571	31,927
Chemicals and allied products	2,832*	(D)	3,070*	3,876*	4,691*	5,196*	6,019	6,370	6,627	7,102	7,346	6,485
Petroleum and coal products	(D)	(D)	(D)	1,572	1,945	2,909	(D)	74	293	321	337	413
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,260*	1,063*	1,171*	1,578*	(D)	(D)	3,090	1,906	1,780	1,909	(D)	1,186
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	(D)	(D)	(D)
Durable goods	146,702	122,995	131,982	156,688	166,257	168,170	50,715	54,645	55,980	66,125	68,232	68,993
Lumber and wood products	75,713	59,805	69,804	77,210	80,937	82,516	1,607	1,498	1,481	5,449	4,344	3,728
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	709	(D)	(D)	657	(D)	483
Primary metal industries	(D)	(D)	(D)	3,215	(D)	(D)	(D)	(D)	(D)	319	(D)	(D)
Fabricated metal products	24,434*	22,478*	19,022*	23,964	24,560	29,353	3,641	3,262	2,625	3,484	3,217	3,099
Machinery, except electrical	(D)	(D)	(D)	(D)	27,332	25,340	14,001	12,835	12,022	15,286	15,673	15,982
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	17,327	10,933	17,609	18,601	19,512	22,213	22,191
Transportation equip. exc. motor vehicles	(D)	1,423	2,795	2,523*	2,326	2,274	(D)	791	643	610	581	(D)
Motor vehicles and equipment	246	(D)	(D)	(D)	(D)	(D)	1,277	1,120	1,150	1,303	1,635	1,396
Stone, clay, and glass products	4,927	(D)	(D)	(D)	(D)	(D)	14,957	14,528	16,008	15,986	16,053	16,433
Instruments and related products	771	817	842	1,269	1,240	1,171	1,048	1,199	1,506	2,112	2,380	3,356
Miscellaneous manufacturing industries	1,142*	1,208	894	1,081	1,295	1,463	1,129	1,105	1,264	1,407	1,425	1,570
Transportation and public utilities	73,973	75,614	75,231	78,055	78,204	89,765	125,250	124,390	127,642	143,288	159,742	170,975
Railroad transportation	2,709	2,382	2,125	2,341	2,238	2,098	7,858	7,450	7,493	8,266	7,816	6,996
Trucking and warehousing	23,853	23,193	24,357	29,885	29,091	37,449	26,214	27,156	29,269	33,943	42,646	46,933
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	4,110	4,010	4,200	4,809	4,967	5,586	(D)	11,504	10,480	12,666	12,591	15,489
Communication	28,706	31,348	29,987	25,120	24,642	26,796	42,874	41,591	39,531	42,684	43,581	46,546
Electric, gas, and sanitary services	14,606	14,700	14,572	15,910	17,272	17,835	31,174	(D)	(D)	(D)	(D)	(D)
Wholesale trade	67,265	67,976	68,498	70,932	76,104	81,355	68,160	87,669	95,600	92,197	100,581	108,400
Retail trade	179,966	175,244	190,435	205,301	215,675	224,778	265,290	273,296	303,597	331,634	359,594	375,890
Finance, insurance, and real estate	80,443	76,242	81,713	82,245	86,612	95,967	76,144	66,261	92,667	99,986	110,096	130,482
Banking and credit agencies	26,036*	27,007*	26,734*	26,296*	28,374*	29,350*	33,899	35,862	40,828	44,182	45,440	48,604
Other finance, insurance, and real estate[9]	48,447*	44,476*	49,423*	50,138*	52,562*	60,038*	42,245	30,399	51,839	55,804	64,656	81,878
Services	262,046	270,512	292,447	328,644	365,419	396,622	416,376	451,225	488,363	567,802	640,960	706,686
Hotels and other lodging places	(D)	3,119	3,307	4,703	5,069	4,601	52,609	53,840	56,953	70,945	80,193	90,984
Personal services	17,877	18,406	19,365	20,286	23,043	24,713	22,278	23,840	25,365	26,787	33,198	36,048
Private households	4,277	4,560	4,708	5,235	5,256	5,400	10,783	11,751	12,425	14,030	14,336	15,030
Business services	27,385	28,521	35,688	41,611	49,556	54,317	70,077	88,343	102,047	120,866	145,305	151,688
Auto repair, services, and garages	15,605	13,866	15,944	19,271	20,371	22,108	32,369	31,325	32,894	38,956	41,714	44,080
Miscellaneous repair services	5,512	6,481	8,241	(D)	(D)	7,568*	7,820	8,006	9,742	12,819	10,675	12,600
Amusement and recreation services	3,888	3,694	3,986	4,684	5,806	7,061	12,387	10,537	12,048	17,255	21,050	23,229
Motion pictures	(D)	(D)	(D)	649*	550*	581*	802	1,221	1,232	(D)	(D)	(D)
Health services	102,599	113,018	121,465	132,162	146,423	161,467	102,791	114,636	120,933	132,641	143,733	158,678
Legal services	13,470	15,762	17,081	20,346	22,088	24,170	21,956	24,716	26,567	25,141	28,535	32,095
Educational services	12,946	13,919*	14,874*	17,239	18,038	18,431	8,080	9,117	9,599	11,032	12,862	13,692
Social services	9,178	8,399	8,556	9,817	11,872	13,373	11,154	11,546	11,073	13,833	14,680	17,074
Museums, botanical, zoological gardens	122	(D)	(D)	163	271	255	362	598	1,255	(D)	(D)	(D)
Membership organizations	20,899	21,017	21,701	23,180	23,992	24,922	19,091	21,554	22,793	24,337	25,731	25,504
Miscellaneous services	23,748	18,457	16,475	20,074	24,898	26,860	43,817	40,195	43,437	53,852	62,162	77,977
Government and government enterprises	442,768	462,383	482,296	505,593	548,217	576,368	693,722	781,824	825,013	882,027	949,651	986,563
Federal, civilian	35,545	36,365	38,452	41,049	44,030	43,647	128,698	141,512	158,247	166,029	183,602	183,104
Military	3,828	4,405	5,174	5,523	6,447	7,023	299,869	359,930	373,700	401,177	412,135	419,672
State and local	403,395	421,613	438,670	459,021	497,740	525,698	265,155	280,382	293,066	314,821	353,914	383,787

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Salt Lake City—Ogden, UT (MSA)						San Angelo, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**8,818,656**	**9,526,413**	**10,208,858**	**11,150,179**	**11,933,977**	**12,459,699**	**947,480**	**1,047,215**	**1,127,591**	**1,174,967**	**1,249,813**	**1,282,216**
Nonfarm personal income	8,801,722	9,505,234	10,195,897	11,129,308	11,916,755	12,436 121	928,529	1,034,366	1,099,517	1,169,050	1,231,782	1,266,592
Farm income[1]	16,934	21,179	12,961	20,871	17,222	23,578	18,951	12,849	28,074	5,917	18,031	15,624
Population (thousands)[2]	941.4	966.5	989.9	1,009.9	1,025.3	1,041.4	87.5	91.3	95.2	96.9	97.6	98.1
Per capita personal income (dollars)	**9,367**	**9,856**	**10,313**	**11,041**	**11,640**	**11,964**	**10,834**	**11,471**	**11,845**	**12,126**	**12,803**	**13,065**
Derivation of total personal income:												
Total earnings by place of work	7,137,287	7,622,566	8,168,026	9,003,062	9,618,837	9,996,161	695,794	771,691	827,482	852,189	898,690	914,206
Less: Personal contributions for social insurance[3]	423,226	464,283	478,017	523,199	569,808	594,989	34,759	39,862	42,392	45,050	49,142	50,544
Plus: Adjustment for residence	−122,935	−130,734	−176,535	−188,534	−217,732	−221,195	−8,448	−13,617	−15,242	−15,615	−16,046	−17,435
Equals: Net earnings by place of residence	6,591,126	7,027,549	7,513,474	8,291,329	8,831,297	9,179,977	652,587	718,212	769,848	791,524	833,502	846,227
Plus: Dividends, interest, and rent[5]	1,105,654	1,220,845	1,315,496	1,454,477	1,574,097	1,655,857	172,377	192,001	206,864	225,385	241,805	249,815
Plus: Transfer payments	1,121,876	1,278,019	1,379,888	1,404,373	1,528,583	1,623,865	122,516	137,002	150,879	158,058	174,506	186,174
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,057,899	6,484,257	6,914,186	7,615,671	8,132,784	8,427,292	523,755	596,030	619,870	649,702	672,815	681,485
Other labor income	541,964	626,022	678,950	720,279	747,321	763,098	52,106	63,670	67,142	66,683	66,594	66,089
Proprietors' income[6]	537,424	512,287	574,890	667,112	738,732	805,771	119,933	111,991	140,470	135,804	159,281	166,632
Farm	9,422	12,361	4,433	12,456	8,688	14,975	16,258	9,702	25,048	2,943	15,019	12,610
Nonfarm	528,002	499,926	570,457	654,656	730,044	790,796	103,675	102,289	115,422	132,861	144,262	154,022
Earnings by industry:												
Farm	16,934	21,179	12,961	20,871	17,222	23,578	18,951	12,849	28,074	5,917	18,031	15,624
Nonfarm	7,120,353	7,601,387	8,155,065	8,982,191	9,601,615	9,972,583	676,843	758,842	799,408	846,272	880,659	898,582
Private	5,615,142	5,959,928	6,393,496	7,107,143	7,546,211	7,814,156	561,334	630,783	661,208	695,439	721,385	727,916
Agricultural services, forestry, fisheries, and other[7]	17,204	17,797	22,840	25,158	27,770	23,333	3,378	3,748	3,994	3,894	3,743	3,708
Agricultural services	(D)	(D)	(D)	(D)	26,936	22,308	3,353	3,745	3,928	3,858	3,689	3,648
Forestry, fisheries, and other[7]	562*	(D)	(D)	(D)	834	1,025	(L)	(L)	66	(L)	54	60
Mining	250,696	245,650	227,070	194,782	125,767	99,336	32,502	39,594	35,969	31,161	30,839	21,480
Coal mining	2,768	3,966	4,412	3,227	4,198	4,550	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	47,934*	49,564*	37,704*	32,329	(D)	(D)	(D)	30,809	21,512
Metal mining	198,930	(D)	(D)	136,245*	59,467*	44,790*	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	169	(D)	(D)	(D)	(L)	(L)
Construction	491,597	504,965	553,828	676,045	708,841	706,907	61,098	69,077	78,129	85,730	84,221	86,932
Manufacturing	1,180,281	1,237,336	1,287,831	1,474,081	1,577,714	1,588,117	102,163	116,589	115,394	119,797	122,617	126,965
Nondurable goods	293,334	301,336	306,112	329,460	359,004	385,595	38,515	41,329	47,635	51,955	53,692	55,579
Food and kindred products	91,178	95,005	91,725	94,304	100,413	108,251	15,861	17,715	20,642	22,439	22,624	21,570
Textile mill products	(D)	(D)	(D)	(D)	811	(D)	(D)	(D)	(D)	352	235	(D)
Apparel and other textile products	27,403	28,911	31,080	34,082	33,677	33,415	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	12,116*	11,785*	12,931*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	69,411	73,923	82,537	91,034	99,755	107,677	5,985	6,923	8,004	8,136	9,335	10,149
Chemicals and allied products	38,230	(D)	(D)	40,135	42,206	45,349	0	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	36,674	35,827	36,676	36,096	35,816	35,699	0	86	642	1,031	871	863
Tobacco manufactures	(L)	(L)	(L)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	15,960*	14,804*	12,406*	15,285	18,919*	21,609*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	886,947	936,000	981,719	1,144,621	1,218,710	1,202,522	63,648	75,260	67,759	67,842	68,925	71,386
Lumber and wood products	40,042	35,194	38,150	46,883	47,521	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Furniture and fixtures	(D)	14,415*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,356	(D)	(D)
Fabricated metal products	102,012	100,513	94,178	106,950	106,572	95,862	3,765	4,489	3,445	4,431	5,627	6,147
Machinery, except electrical	256,276	284,389	291,477	330,495	367,393	371,894	(D)	6,967	5,680	(D)	4,119	1,729
Electric and electronic equipment	111,903*	130,948*	135,965*	159,406*	144,605*	142,599*	5,124	4,212	3,078	2,415	2,536	2,606
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	8,160	(D)	(D)	10,254	8,557	6,902
Motor vehicles and equipment	21,926	(D)	(D)	(D)	(D)	(D)	125	(D)	(D)	163	160	171
Stone, clay, and glass products	49,086	43,446	50,055	62,782	66,375	68,393	1,860	1,930	2,198	2,275	2,114	2,209
Instruments and related products	59,406*	67,956*	73,483*	73,821*	76,289*	84,481*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	27,912*	28,155*	30,954*	35,427*	42,123	41,778	1,105	836	1,149	1,875	2,791	2,660
Transportation and public utilities	710,341	790,076	868,435	905,504	921,638	922,911	82,418	97,625	104,845	110,463	113,355	107,750
Railroad transportation	108,937	114,094	117,621	133,190	134,178	129,815	3,336	3,133	3,063	2,999	2,551	1,987
Trucking and warehousing	203,744	199,581	197,530	218,990	219,073	216,631	9,359	11,729	11,758	13,393	12,779	9,928
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	1,742	(D)	(D)	(D)	(D)	(D)
Communication	175,355	190,000*	204,476*	216,127	231,947	218,775	61,465	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	141,060	173,594	192,312	192,610	190,269	193,681	6,516	7,375	8,058	8,760	9,369	9,430
Wholesale trade	623,360	649,679	667,341	720,348	771,590	795,092	29,002	31,553	29,501	31,103	33,871	34,797
Retail trade	718,377	756,579	827,886	910,811	972,770	1,020,893	90,814	98,512	102,172	104,269	106,406	107,583
Finance, insurance, and real estate	384,129	410,758	481,844	534,496	586,532	658,082	24,970	25,503	31,084	34,276	37,978	38,764
Banking and credit agencies	158,585	184,239	217,834	251,081	263,228	285,843	12,433	14,094	17,386	18,587	20,365	20,862
Other finance, insurance, and real estate[9]	225,544	226,519	264,010	283,415	323,304	372,239	12,537	11,409	13,698	15,689	17,613	17,902
Services	1,239,157	1,347,088	1,456,421	1,665,918	1,853,589	1,999,485	134,989	148,582	160,120	174,746	188,355	199,937
Hotels and other lodging places	44,521	44,478	55,288	53,849	46,930	51,693	2,635	3,102	3,368	3,393	2,930	3,190
Personal services	60,353	67,029	72,273	81,527	97,598	101,576	9,767	10,717	10,872	11,115	13,584	13,569
Private households	(D)	(D)	(D)	(D)	(D)	(D)	5,598	6,220	6,631	7,467	7,608	7,929
Business services	188,047	210,147	241,328	299,177	356,515	389,855	17,876	19,208	19,124	20,994	26,850	30,556
Auto repair, services, and garages	73,079	75,886	81,541	96,840	103,750	106,353	7,719	5,379	6,478	7,101	7,629	7,909
Miscellaneous repair services	40,378	43,602	44,029	49,642	49,423	47,460	2,467	2,745	3,073	3,127	2,681	2,611
Amusement and recreation services	29,911	31,750	35,153	41,892	47,112	47,715	2,311	2,521	2,509	2,537	1,980	1,985
Motion pictures	9,338*	7,949*	9,913*	17,707*	19,288*	24,965*	691	653	459	(D)	(D)	(D)
Health services	405,925	459,151	476,743	511,613	564,878	628,452	57,582	67,393	74,321	76,514	79,695	84,524
Legal services	84,880	102,560	116,695	134,308	147,823	165,138	8,723	11,340	12,474	14,789	16,564	18,053
Educational services	18,646	19,344	21,616	26,660	28,679	31,430	529	616	660	(D)	(D)	1,442
Social services	28,148	28,374	30,601	34,384	38,158	40,703	2,177	2,272	2,882	3,224	3,050	3,129
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	(D)
Membership organizations	97,132	107,918	116,765	130,498	137,252	140,428	4,338	4,797	5,261	5,633	5,728	5,629
Miscellaneous services	148,595	137,150	142,164	174,004	201,980	208,486	12,576	11,619	12,008	17,708	18,627	19,093
Government and government enterprises	1,505,211	1,641,459	1,761,569	1,875,048	2,055,404	2,158,427	115,509	128,059	138,200	150,833	159,274	170,666
Federal, civilian	594,699	630,856	668,896	710,101	778,958	786,685	15,758	16,994	18,481	20,058	20,432	19,295
Military	110,201	119,730	132,935	143,662	157,434	165,500	30,823	32,334	35,662	41,353	43,206	54,290
State and local	800,311	890,873	959,738	1,021,285	1,119,012	1,206,242	68,928	78,731	84,057	89,422	95,636	97,081

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	San Antonio, TX (MSA)						San Diego, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**10,664,911**	**11,692,455**	**12,705,353**	**14,084,839**	**15,537,018**	**16,220,990**	**22,625,053**	**24,349,506**	**26,292,685**	**29,154,083**	**32,219,206**	**35,089,770**
Nonfarm personal income	10,654,943	11,672,243	12,673,520	14,062,806	15,510,878	16,194,980	22,466,447	24,181,088	26,111,628	28,937,466	31,975,711	34,816,414
Farm income[1]	9,968	20,212	31,833	22,033	26,140	26,010	158,606	168,418	181,057	216,617	243,495	273,356
Population (thousands)[2]	1,112.4	1,147.6	1,173.6	1,204.7	1,241.6	1,276.4	1,929.3	1,977.1	2,021.8	2,074.5	2,132.6	2,201.3
Per capita personal income (dollars)	**9,587**	**10,189**	**10,826**	**11,692**	**12,514**	**12,709**	**11,727**	**12,316**	**13,005**	**14,053**	**15,108**	**15,940**
Derivation of total personal income:												
Total earnings by place of work	7,863,092	8,554,602	9,353,115	10,454,188	11,490,853	11,956,471	15,350,928	16,439,221	17,867,905	20,156,183	22,501,965	24,653,180
Less: Personal contributions for social insurance[3]	414,454	457,409	505,014	567,010	645,290	677,043	826,449	903,875	1,022,941	1,160,983	1,341,944	1,482,809
Plus: Adjustment for residence	−157,245	−175,763	−211,760	−241,961	−286,045	−297,984	125,971	128,782	126,191	116,007	166,462	182,498
Equals: Net earnings by place of residence	7,291,393	7,921,430	8,636,341	9,645,217	10,559,518	10,981,444	14,650,450	15,664,128	16,971,155	19,111,207	21,326,483	23,352,869
Plus: Dividends, interest, and rent[5]	1,577,783	1,775,643	1,899,673	2,177,323	2,472,918	2,555,362	4,223,049	4,559,572	4,937,886	5,523,946	5,940,582	6,398,292
Plus: Transfer payments	1,795,735	1,995,382	2,169,339	2,262,299	2,504,582	2,684,184	3,751,554	4,125,806	4,383,644	4,518,930	4,952,141	5,338,609
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	6,646,755	7,251,791	7,855,663	8,788,981	9,673,715	10,048,177	12,829,405	13,805,916	14,797,092	16,668,393	18,587,591	20,312,355
Other labor income	528,540	613,970	681,605	731,286	772,873	802,745	1,029,344	1,165,361	1,293,706	1,428,509	1,559,938	1,690,022
Proprietors' income[6]	687,797	688,841	815,847	933,921	1,044,265	1,105,549	1,492,179	1,467,944	1,777,107	2,059,281	2,354,436	2,650,803
Farm	3,071	12,426	24,331	14,649	18,660	18,491	88,337	89,653	102,833	140,892	167,144	192,726
Nonfarm	684,726	676,415	791,516	919,272	1,025,605	1,087,058	1,403,842	1,378,291	1,674,274	1,918,389	2,187,292	2,458,077
Earnings by industry:												
Farm	9,968	20,212	31,833	22,033	26,140	26,010	158,606	168,418	181,057	216,617	243,495	273,356
Nonfarm	7,853,124	8,534,390	9,321,282	10,432,155	11,464,713	11,930,461	15,192,322	16,270,803	17,686,848	19,939,566	22,258,470	24,379,824
Private	5,545,097	6,062,201	6,673,023	7,539,064	8,224,243	8,542,425	10,690,629	11,416,148	12,636,969	14,499,579	16,347,068	18,076,514
Agricultural services, forestry, fisheries, and other[7]	19,637	22,309	27,789	30,947	33,730	36,615	137,053	129,042	156,777	149,368	169,336	193,644
Agricultural services	19,421	22,272	26,674	(D)	32,493	35,277	91,466	93,855	106,948	113,133	117,775	141,233
Forestry, fisheries, and other[7]	216	(L)	1,115	(D)	1,237	1,338	45,587	35,187	49,829	36,235	51,561	52,411
Mining	144,060	152,453	161,434	160,505	167,488	140,209	76,246	63,557	60,434	69,150	96,762	97,719
Coal mining	(L)	100	(L)	52	56	56	183	213	282	380	418	439
Oil and gas extraction	131,034*	132,516*	138,445*	138,917*	146,920*	134,620*	61,706	(D)	(D)	(D)	73,395	77,363
Metal mining	657	(D)	(D)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	456	720
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,918	12,661	18,438	22,493	19,197
Construction	591,401	658,421	761,420	915,910	980,005	979,847	1,149,752	1,087,545	1,185,179	1,539,957	1,730,744	1,940,679
Manufacturing	906,234	944,351	978,762	1,064,418	1,095,811	1,083,023	2,449,240	2,664,348	2,840,051	3,165,720	3,560,630	3,747,764
Nondurable goods	375,318	390,708	420,697	454,011	464,138	481,310	397,105	389,689	423,767	464,001	491,677	535,279
Food and kindred products	143,500*	148,970*	154,575*	160,990*	168,431*	177,222*	124,138	112,721	105,308	94,442	77,688	78,003
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	2,683	3,143	3,921	4,290	4,834	6,864
Apparel and other textile products	68,494*	65,066*	67,512*	71,595*	67,346*	63,778*	39,962	38,636	35,770	41,215	37,581	38,987
Paper and allied products	10,992*	10,672*	11,832*	12,727*	13,412*	(D)	5,493	7,149	8,413	10,171	11,457	13,086
Printing and publishing	67,842*	75,100*	84,120*	98,796	101,731	113,026	151,612	162,407	193,531	223,778	254,337	283,673
Chemicals and allied products	(D)	13,315*	16,805*	20,991*	23,072*	23,601*	37,705	33,450	43,070	51,806	53,418	57,003
Petroleum and coal products	10,732	9,839	10,052	8,475	8,617	8,037	7,345	6,590	5,684	6,203	8,235	10,422
Tobacco manufactures	2,407	(D)	(D)	(D)	3,154	3,075	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	20,844	20,403	24,073	28,532	41,388	44,794
Leather and leather products	16,867*	18,800*	20,718*	19,591*	21,976*	(D)	7,323	5,190	3,997	3,564	2,739	2,447
Durable goods	530,916	553,643	558,065	610,407	631,673	601,713	2,052,135	2,274,659	2,416,284	2,701,719	3,068,953	3,212,485
Lumber and wood products	19,125*	18,973*	25,549*	28,388*	25,711*	23,723*	12,722	12,511	16,584	15,147	18,401	21,974
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	23,474	19,570	22,823	30,208	28,302	33,807
Primary metal industries	(D)	(D)	(D)	29,430	(D)	(D)	13,710	13,366	17,283	18,444	16,858	15,204
Fabricated metal products	59,463	64,121	63,711	73,204	77,974	79,217	141,420	139,849	81,045	163,815	172,493	176,563
Machinery, except electrical	165,583*	170,918	174,838	168,268	161,727*	134,478	364,848	416,435	428,444	466,961	502,167	516,014
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	475,421	536,965	526,897	628,944	773,477	806,709
Transportation equip. exc. motor vehicles	80,535*	73,502*	71,945*	76,970*	(D)	(D)	772,339	854,769	891,886	980,202	1,114,616	1,167,942
Motor vehicles and equipment	7,173*	7,196	6,949	7,717	8,382	9,224	8,674	8,883	9,961	10,335	12,059	13,422
Stone, clay, and glass products	73,856	78,857	82,353	92,887	101,657	102,611	33,302	31,434	37,210	52,347	58,806	62,946
Instruments and related products	10,584*	(D)	(D)	(D)	(D)	(D)	161,173	196,031	320,281	271,153	303,016	329,026
Miscellaneous manufacturing industries	20,512	19,582	23,268	27,457	27,352	30,705	45,052	44,846	63,870	64,163	68,758	68,878
Transportation and public utilities	489,269	487,021	495,324	574,286	642,090	659,755	818,979	907,246	982,251	1,029,168	1,087,776	1,157,486
Railroad transportation	53,348	50,520	49,820	57,913	57,394	50,711	6,134	5,723	5,662	6,246	6,192	6,566
Trucking and warehousing	131,208	130,308	127,716	149,021	146,971	147,067	100,449	104,785	111,102	137,917	144,225	160,420
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	15,268	15,415	14,656	21,874	21,102	21,230
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	201,895	(D)	(D)	255,790	267,772*	281,599*	(D)	336,442	344,345	332,247	346,784	349,669
Electric, gas, and sanitary services	40,118	18,109	12,582	41,694	92,040	97,809	188,988	(D)	(D)	(D)	(D)	(D)
Wholesale trade	476,406	521,484	543,325	595,882	649,075	667,003	571,745	611,902	706,365	808,236	912,181	1,003,609
Retail trade	941,610	1,012,988	1,128,390	1,257,207	1,375,245	1,452,335	1,514,319	1,592,495	1,795,317	1,984,682	2,171,317	2,443,492
Finance, insurance, and real estate	519,080	577,393	696,626	802,505	898,924	987,475	783,900	822,546	1,015,048	1,164,195	1,332,447	1,610,407
Banking and credit agencies	150,516	183,795	223,298	256,527	284,424*	306,417*	344,373	400,313	453,385	510,277	580,027	684,276
Other finance, insurance, and real estate[9]	368,564	393,598	473,328	545,978	603,415*	668,167*	439,527	422,233	561,663	653,918	752,420	926,131
Services	1,457,400	1,685,781	1,879,953	2,137,404	2,381,875	2,536,163	3,189,395	3,537,467	3,895,547	4,589,103	5,285,875	5,881,714
Hotels and other lodging places	64,947	70,681	82,036	89,765	93,229	96,863	142,159	144,860	163,405	187,055	200,308	252,195
Personal services	91,369	106,424	115,442	121,361	141,486	148,426	153,626	172,866	186,498	198,351	242,183	260,863
Private households	26,792*	30,843	32,887	36,992	37,669	39,241	75,524	(D)	(D)	(D)	(D)	(D)
Business services	260,275	338,403	370,800	433,131	508,388	553,662	678,366	811,918	909,142	1,124,575	1,366,150	1,530,739
Auto repair, services, and garages	84,270	84,588	93,827	108,997	121,113	124,146	169,151	168,779	191,168	224,653	250,353	269,753
Miscellaneous repair services	25,853	28,353	32,893	38,325	36,599	35,379	75,741	85,312	89,203	124,502	132,193	127,226
Amusement and recreation services	23,142	28,702	32,419	40,070	48,464	52,408	99,695	102,586	127,143	155,670	175,114	188,792
Motion pictures	5,936*	(D)	(D)	(D)	(D)	7,406*	13,253	13,380	14,516	24,419	30,645	33,338
Health services	510,089	589,855	649,389	701,378	752,745	807,890	950,786	1,080,652	1,147,667	1,286,678	1,441,231	1,585,944
Legal services	87,804	105,446	132,908	165,675	197,255	222,284	175,500	204,941	238,826	296,277	340,141	404,847
Educational services	49,598*	55,097*	63,177*	70,634*	76,756*	84,345*	75,489	91,066	103,535	120,004	133,864	147,703
Social services	40,704	40,041	41,518	45,642	52,506	55,488	76,204	72,481	77,269	86,412	105,866	124,209
Museums, botanical, zoological gardens	3,133	(D)	(D)	(D)	(D)	5,766*	18,768	(D)	(D)	(D)	(D)	(D)
Membership organizations	53,126	59,357	63,516	68,884	71,970	74,175	134,340	147,674	159,017	167,890	176,310	175,611
Miscellaneous services	125,771	133,718	153,285	200,726	227,080	223,658	350,793	337,907	379,021	470,905	565,298	647,355
Government and government enterprises	2,308,027	2,472,189	2,648,259	2,893,091	3,240,470	3,388,036	4,501,693	4,854,655	5,049,879	5,439,987	5,911,402	6,303,310
Federal, civilian	813,827	849,198	882,528	1,013,386	1,150,523	1,193,375	880,790	915,788	970,486	1,044,494	1,109,318	1,114,527
Military	669,325	706,610	742,846	772,319	842,564	863,950	1,967,898	2,193,223	2,269,046	2,441,692	2,616,522	2,732,410
State and local	824,875	916,381	1,022,885	1,107,386	1,247,383	1,330,711	1,653,005	1,745,644	1,810,347	1,953,801	2,185,562	2,456,373

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	San Francisco, CA (PMSA)						San Jose, CA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**25,000,356**	**26,915,592**	**29,071,223**	**32,298,688**	**34,768,211**	**37,383,841**	**19,034,430**	**20,781,690**	**22,625,850**	**25,384,314**	**27,132,732**	**29,343,751**
Nonfarm personal income	24,930,661	26,851,976	28,998,302	32,219,539	34,676,223	37,285,083	18,976,855	20,721,359	22,551,487	25,293,996	27,035,623	29,243,428
Farm income[1]	69,695	63,616	72,921	79,149	91,988	98,758	57,575	60,331	74,363	90,318	97,109	100,323
Population (thousands)[2]	1,502.4	1,514.3	1,534.5	1,549.6	1,570.4	1,588.0	1,319.0	1,335.5	1,360.3	1,378.0	1,397.4	1,401.6
Per capita personal income (dollars)	**16,640**	**17,774**	**18,945**	**20,843**	**22,139**	**23,542**	**14,431**	**15,561**	**16,633**	**18,421**	**19,417**	**20,935**
Derivation of total personal income:												
Total earnings by place of work	21,518,036	23,053,884	25,097,582	27,418,388	29,644,694	31,899,239	15,967,923	17,753,366	19,977,284	22,759,194	24,372,704	25,442,490
Less: Personal contributions for social insurance[3]	1,142,967	1,241,465	1,414,857	1,548,059	1,746,522	1,889,675	842,174	943,956	1,125,901	1,285,964	1,439,652	1,519,829
Plus: Adjustment for residence	−3,718,679	−3,842,227	−4,028,829	−4,028,208	−4,191,968	−4,494,063	−620,693	−870,966	−1,409,383	−1,776,183	−1,962,872	−1,224,542
Equals: Net earnings by place of residence	16,656,390	17,970,192	19,653,896	21,842,121	23,706,204	25,515,501	14,505,056	15,938,444	17,442,000	19,697,047	20,970,180	22,698,119
Plus: Dividends, interest, and rent[5]	5,545,227	5,902,698	6,200,872	7,169,941	7,570,578	8,165,766	2,674,622	2,844,807	3,070,002	3,561,762	3,866,278	4,181,224
Plus: Transfer payments	2,798,739	3,042,702	3,216,455	3,286,626	3,491,429	3,702,574	1,854,752	1,998,439	2,113,848	2,125,505	2,296,274	2,464,408
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	17,640,203	18,945,270	20,270,679	22,002,905	23,573,458	25,196,787	13,436,553	14,990,108	16,810,060	19,205,315	20,496,759	21,308,942
Other labor income	1,730,368	1,992,242	2,140,700	2,236,511	2,309,876	2,428,576	1,431,810	1,665,885	1,886,822	2,073,370	2,169,206	2,226,519
Proprietors' income[6]	2,147,465	2,116,372	2,686,203	3,178,972	3,761,360	4,273,876	1,099,560	1,097,373	1,280,402	1,480,509	1,706,739	1,907,029
Farm	44,364	34,847	43,817	49,234	60,421	65,635	28,309	28,161	44,340	60,716	66,812	67,886
Nonfarm	2,103,101	2,081,525	2,642,386	3,129,738	3,700,939	4,208,241	1,071,251	1,069,212	1,236,062	1,419,793	1,639,927	1,839,143
Earnings by industry:												
Farm	69,695	63,616	72,921	79,149	91,988	98,758	57,575	60,331	74,363	90,318	97,109	100,323
Nonfarm	21,448,341	22,990,268	25,024,661	27,339,239	29,552,706	31,800,481	15,910,348	17,693,035	19,902,921	22,668,876	24,275,595	25,342,167
Private	18,618,317	19,971,839	21,817,507	23,902,226	25,864,426	27,986,120	14,317,977	15,977,890	18,110,290	20,756,430	22,205,523	23,085,869
Agricultural services, forestry, fisheries, and other[7]	77,478	81,940	96,525	97,249	102,499	118,223	66,289	69,747	77,631	84,515	88,218	93,368
Agricultural services	67,374	73,961	80,484	85,639	84,715	98,218	65,508	69,651	75,738	83,584	86,725	91,642
Forestry, fisheries, and other[7]	10,104	7,979	16,041	11,610	17,784	20,005	781	96	1,893	931	1,493	1,726
Mining	232,799	225,146	246,203	237,567	288,582	272,524	41,274	37,746	32,745	37,442	50,550	51,812
Coal mining	57	68	89	121	132	139	(D)	1,305	331	447	492	517
Oil and gas extraction	(D)	184,106*	188,640*	184,907*	(D)	(D)	37,749	34,882	29,300	(D)	(D)	46,761
Metal mining	30,084*	18,667*	38,909*	31,787*	52,746	(D)	(D)	(D)	(D)	(D)	(D)	1,189
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,271	(D)	(D)	2,744	3,282	3,345
Construction	1,508,914	1,664,417	1,351,537	1,517,081	1,611,929	1,757,373	867,974	837,611	950,791	1,255,889	1,402,247	1,410,997
Manufacturing	2,272,723	2,435,919	2,507,786	2,621,208	2,604,244	2,662,725	6,577,916	7,781,199	8,698,563	9,808,934	10,641,233	10,791,762
Nondurable goods	1,269,287	1,398,470	1,473,099	1,527,498	1,478,018	1,569,091	621,851	646,674	683,468	730,723	808,443	851,758
Food and kindred products	342,762	363,011	368,898	346,681	344,176*	362,436*	242,311	244,810	218,915	212,510	214,870	221,032
Textile mill products	(D)	3,917*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	186,493	197,795	211,911	240,764	213,585	226,435	7,448	7,246	7,839	7,860	3,719	4,496
Paper and allied products	61,174	55,699*	60,981*	62,332*	55,387	56,854	52,720	49,982	59,268	65,419	63,704	60,409
Printing and publishing	333,051	370,016	395,745	429,182	444,192	495,970	148,861	167,100	189,339	210,128	234,862	247,416
Chemicals and allied products	115,792	153,099	165,716	178,836	192,607	199,402	105,532	119,010	140,125	147,381	218,876	241,428
Petroleum and coal products	169,249*	193,621*	195,569*	181,934*	161,284*	157,862*	4,948	4,914	6,191	6,730	7,126	8,143
Tobacco manufactures	0	0	0	0	0	0	1,372	0	0	0	0	0
Rubber and misc. plastic products	53,492	53,653	61,842	75,213	55,898	58,636	53,837	53,223	61,170	79,695	64,281	68,165
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	1,003,436	1,037,449	1,034,687	1,093,710	1,126,226	1,093,634	5,956,065	7,134,525	8,015,095	9,078,211	9,832,790	9,940,004
Lumber and wood products	(D)	21,695	14,962	16,778	(D)	(D)	24,694	20,703	22,957	25,845	25,719	27,866
Furniture and fixtures	33,880	34,298*	36,861*	42,780*	40,858*	39,650*	17,155	14,134	16,177	21,846	23,212	21,704
Primary metal industries	(D)	153,138	158,077	185,025	(D)	(D)	20,912	19,875	22,383	29,782	20,516	19,203
Fabricated metal products	150,448	156,935	139,815	144,338	(D)	129,100	338,417	338,487	341,118	367,039	330,372	296,144
Machinery, except electrical	128,158	130,697	146,584	158,596	157,406	138,858	(D)	1,880,024	2,134,362	2,480,657	2,617,279	2,737,141
Electric and electronic equipment	315,069	320,774	333,402	322,974	343,881	343,219	2,120,671	2,593,383	3,064,229	3,626,705	4,051,291	3,828,766
Transportation equip. exc. motor vehicles	110,426	104,774	78,032	89,784	109,351	92,197	(D)	(D)	(D)	1,219,069	1,462,192	1,598,887
Motor vehicles and equipment	9,154*	6,552*	7,205*	7,852*	3,728*	(D)	76,522	80,605	44,551	15,643	12,491	11,281
Stone, clay, and glass products	34,154	32,433	38,486	35,213	33,740	37,057	87,556	83,029	91,541	91,034	94,535	95,673
Instruments and related products	27,031	39,118	39,559	39,812	50,929	58,689	763,289	841,635	936,116	1,071,614	1,146,144	1,259,200
Miscellaneous manufacturing industries	38,173	35,015	39,258	49,911	53,500	49,140	118,987	(D)	(D)	128,977	49,039	44,139
Transportation and public utilities	2,703,484	2,824,645	2,982,826	3,197,109	3,262,580	3,356,980	608,607	664,651	689,761	728,568	768,435	750,229
Railroad transportation	122,847	123,104	130,759	133,154	117,150	103,989	19,152	19,219	20,439	20,351	17,517	15,666
Trucking and warehousing	195,507*	214,285	231,354	248,316*	275,047	290,640	158,576	170,250	175,602	196,626	198,815	207,247
Water transportation	127,867	104,683*	115,148*	120,898*	123,677*	166,187*	62	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	914,453	988,052	1,020,711	1,004,919	835,650	(D)	305,463	303,435	301,539	310,916	263,103
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	94,380	98,014	109,191	119,856	145,019	163,105
Wholesale trade	1,806,102	1,841,001	1,847,034	2,146,892	2,330,896	2,444,055	801,274	784,041	956,714	1,125,925	1,252,517	1,320,796
Retail trade	1,953,052	2,054,171	2,276,142	2,433,368	2,661,737	2,890,563	1,241,233	1,320,344	1,478,705	1,611,425	1,721,640	1,835,919
Finance, insurance, and real estate	2,743,011	2,920,423	3,487,767	3,711,170	4,150,996	4,819,304	566,712	563,139	681,069	772,427	886,726	1,047,300
Banking and credit agencies	1,122,208	1,248,287*	1,347,476*	1,440,820*	1,559,760*	1,766,668	211,583	226,300	253,535	273,509	293,468	329,521
Other finance, insurance, and real estate[9]	1,620,803	(D)	(D)	(D)	(D)	3,052,636	355,129	336,839	427,534	498,918	593,258	717,779
Services	5,320,754	5,924,177	7,021,687	7,940,582	8,850,963	9,664,373	3,546,698	3,919,412	4,544,311	5,331,305	5,393,957	5,783,686
Hotels and other lodging places	260,573*	282,682	319,183	363,624	362,368*	386,660*	52,907	57,346	83,449	(D)	(D)	(D)
Personal services	204,645	222,476	245,296	266,619	317,163	334,683	108,352	120,090	132,610	145,757	173,152	186,124
Private households	(D)	(D)	(D)	(D)	(D)	(D)	29,038	31,625	33,433	37,724	38,544	40,396
Business services	1,349,109	1,536,675	1,811,223	2,105,629	2,432,943	2,734,529	1,233,933	1,399,142	1,723,351	2,134,312	1,964,591	2,183,810
Auto repair, services, and garages	252,185	251,625	286,787	325,603	347,626	376,907	130,140	134,920	150,738	174,610	190,349	199,429
Miscellaneous repair services	54,668	60,277	71,638	101,861	94,706	99,217	131,655	139,742	150,562	183,521	159,375	139,020
Amusement and recreation services	127,295	141,244	164,916	183,052	213,367	225,888	54,963	58,185	54,852	61,663	68,008	81,557
Motion pictures	41,024	54,107	49,612	95,165	127,543	163,334	4,264	5,668	7,830	10,457	11,650	12,692
Health services	1,039,857	1,211,965	1,286,034	1,405,284	1,592,503	1,746,887	784,033	910,169	995,928	1,080,434	1,185,961	1,286,043
Legal services	611,150	718,574	843,282	1,026,973	1,151,542	1,330,961	138,622	156,826	189,092	248,989	272,178	315,603
Educational services	136,245	147,130	160,246	178,104	199,524	213,632	294,648	322,891	356,753	(D)	(D)	(D)
Social services	124,113	126,597	133,529	157,192	171,456	189,320	64,047	68,533	71,811	87,043	101,906	110,077
Museums, botanical, zoological gardens	6,833*	8,718*	10,537*	12,108*	13,595*	15,766*	459	499	535	573	699	797
Membership organizations	228,450	244,388	259,267	268,810	282,013	290,336	108,305	119,668	125,016	130,909	141,564	147,331
Miscellaneous services	786,799	819,365	1,276,031	1,333,082	1,415,308	1,420,268	411,332	394,108	468,351	538,526	571,781	533,155
Government and government enterprises	2,830,024	3,018,429	3,207,154	3,437,013	3,688,280	3,814,361	1,592,371	1,715,145	1,792,631	1,912,446	2,070,072	2,256,298
Federal, civilian	868,696	887,445	946,178	992,783	1,041,396	1,029,560	278,709	295,022	313,648	347,467	366,569	367,597
Military	147,592	165,757	171,281	179,026	192,090	181,473	116,455	131,163	140,696	152,263	165,846	164,531
State and local	1,813,736	1,965,227	2,089,695	2,265,204	2,454,794	2,603,328	1,197,207	1,288,960	1,338,287	1,412,716	1,537,657	1,724,170

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Santa Barbara—Santa Maria—Lompoc, CA (MSA)						Santa Cruz, CA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,031,331**	**4,337,872**	**4,719,644**	**5,227,977**	**5,691,401**	**6,103,814**	**2,345,068**	**2,497,086**	**2,764,699**	**3,069,478**	**3,306,772**	**3,583,965**
Nonfarm personal income	3,896,557	4,179,353	4,508,845	5,054,817	5,498,366	5,911,114	2,267,086	2,420,384	2,669,631	2,967,518	3,214,074	3,476,959
Farm income[1]	134,774	158,519	210,799	173,160	193,035	192,700	77,982	76,702	95,068	101,960	92,698	107,006
Population (thousands)[2]	304.3	310.2	318.1	323.3	331.2	339.4	193.8	197.5	202.2	206.2	212.8	218.5
Per capita personal income (dollars)	**13,250**	**13,985**	**14,839**	**16,168**	**17,182**	**17,986**	**12,098**	**12,644**	**13,671**	**14,884**	**15,536**	**16,403**
Derivation of total personal income:												
Total earnings by place of work	2,671,672	2,878,469	3,178,035	3,589,189	3,966,898	4,230,830	1,166,174	1,230,108	1,412,092	1,600,851	1,724,063	1,893,251
Less: Personal contributions for social insurance[3]	138,084	151,674	171,663	198,306	227,703	244,682	60,123	66,205	77,481	88,483	101,186	110,892
Plus: Adjustment for residence	−29,092	−35,774	−31,629	−62,961	−69,985	−57,035	405,754	453,233	486,035	540,833	590,808	626,412
Equals: Net earnings by place of residence	2,504,496	2,691,021	2,974,743	3,327,922	3,669,210	3,929,113	1,511,805	1,617,136	1,820,646	2,053,201	2,213,685	2,408,771
Plus: Dividends, interest, and rent[5]	992,163	1,065,482	1,127,834	1,264,163	1,332,685	1,437,422	489,407	511,992	554,124	615,185	659,727	711,175
Plus: Transfer payments	534,672	581,369	617,067	635,892	689,506	737,279	343,856	367,958	389,929	401,092	433,360	464,019
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,057,881	2,225,814	2,381,094	2,762,643	3,019,596	3,206,587	844,538	906,307	1,007,852	1,139,356	1,246,629	1,357,418
Other labor income	183,127	210,161	235,833	269,456	290,636	304,679	78,881	88,786	102,947	112,811	119,602	128,315
Proprietors' income[6]	430,664	442,494	561,108	557,090	656,666	719,564	242,755	235,015	301,293	348,684	357,832	407,518
Farm	87,131	103,867	157,936	120,073	140,799	140,697	44,491	35,558	53,644	56,051	39,888	50,302
Nonfarm	343,533	338,627	403,172	437,017	515,867	578,867	198,264	199,457	247,649	292,633	317,944	357,216
Earnings by industry:												
Farm	134,774	158,519	210,799	173,160	193,035	192,700	77,982	76,702	95,068	101,960	92,698	107,006
Nonfarm	2,536,898	2,719,950	2,967,236	3,416,029	3,773,863	4,038,130	1,088,192	1,153,406	1,317,024	1,498,891	1,631,365	1,786,245
Private	2,075,551	2,227,313	2,440,718	2,848,757	3,158,796	3,379,301	901,610	951,894	1,108,242	1,268,529	1,376,980	1,505,025
Agricultural services, forestry, fisheries, and other[7]	38,827	45,935	51,485	59,420	57,914	67,350	19,327	18,984	22,506	18,244	16,687	18,783
Agricultural services	37,163	44,935	49,459	58,661	55,120	64,151	18,290	18,506	20,829	17,356	14,747	16,551
Forestry, fisheries, and other[7]	1,664	1,000	2,026	759	2,794	3,199	1,037	478	1,677	888	1,940	2,232
Mining	67,205	67,250	64,093	65,995	73,947	69,161	8,612	7,113	6,652	7,300	9,896	10,247
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	64,030	64,222	60,448	61,845	69,728	66,676	6,235	5,366	4,499	(D)	7,182	7,340
Metal mining	(L)	(D)	(D)	(D)	98	148	(L)	(L)	(L)	(D)	65	70
Nonmetallic minerals, except fuels	3,165	(D)	(D)	(D)	4,089	2,303	2,379	1,783	2,155	2,456	2,644	2,832
Construction	174,686	175,772	196,595	290,807	290,478	296,169	103,643	104,077	131,393	177,828	177,421	195,274
Manufacturing	398,930	443,601	558,887	646,432	770,027	800,218	195,893	219,846	258,680	290,444	302,878	321,239
Nondurable goods	63,469	64,230	59,554	64,047	66,713	72,985	101,043	103,370	99,527	103,193	103,044	102,835
Food and kindred products	26,719	27,767	24,051	25,210	23,434	26,467	75,277	77,563	73,387	75,964	76,177	73,030
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	2,867	2,770	2,666	3,307	2,166	2,466	(D)	(D)	(D)	(D)	(D)	1,233
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Printing and publishing	21,995	22,573	23,282	24,709	27,684	24,244	10,426	11,353	12,148	13,437	14,781	16,077
Chemicals and allied products	1,588	1,787	1,727	1,901	2,566	7,504	600	596	885	1,279	1,095	(D)
Petroleum and coal products	3,968	3,044	955	957	1,080	1,363	0	(L)	270	298	303	577
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	4,158	4,233	4,696	5,472	6,410	6,755	6,251	6,097	5,183	5,595	5,855	7,204
Leather and leather products	957	788	746	754	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	335,461	379,371	499,333	582,385	703,314	727,233	94,850	116,476	159,153	187,251	199,834	218,404
Lumber and wood products	(D)	(D)	(D)	(D)	5,984	6,017	7,408	(D)	(D)	8,432	9,616	9,870
Furniture and fixtures	315	(D)	(D)	526	795	1,070	(D)	1,560	1,558	2,302	(D)	(D)
Primary metal industries	(D)	3,782	3,688	5,049	(D)	(D)	(D)	3,586	4,769	5,494	(D)	(D)
Fabricated metal products	7,687	7,557	9,024	10,779	10,993	11,176	3,267	3,967	3,175	3,688	3,746	3,652
Machinery, except electrical	33,837	28,891	30,808	36,248	97,823	132,257	12,452	25,845	58,916	59,495	65,024	80,174
Electric and electronic equipment	105,167	113,471	199,785	221,136	239,166	220,516	32,020	41,816	46,260	62,973	65,719	66,724
Transportation equip. exc. motor vehicles	110,066	151,175	172,251	216,269	252,492	249,065	15,658	(D)	(D)	18,349	18,969	22,671
Motor vehicles and equipment	2,412	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Stone, clay, and glass products	24,233	18,202	24,157	27,988	28,987	31,095	12,768	10,895	10,825	13,641	14,709	15,958
Instruments and related products	31,397	37,035	42,719	42,004	43,726	50,476	2,815	2,699	4,607	7,639	9,531	10,307
Miscellaneous manufacturing industries	10,130	10,343	10,395	12,030	13,394	15,771	3,130	2,936	3,893	5,238	5,688	2,362
Transportation and public utilities	127,786	136,458	148,017	159,566	169,337	171,948	59,107	62,024	63,864	64,802	66,364	69,660
Railroad transportation	(D)	1,387	1,244	1,223	1,086	(D)	4,432	3,724	3,245	3,187	2,967	4,025
Trucking and warehousing	32,632	31,814	34,555	39,862	39,136	39,786	15,826	15,665	17,068	19,940	20,296	22,119
Water transportation	(D)	7,295	9,451	8,220	5,351	3,903	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	14,096	15,856	17,871	17,475	19,420	(D)	4,611	5,255	5,687	(D)	7,238	(D)
Communication	51,572	58,273	61,529	62,868	67,599	66,727	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	21,751	21,833	23,367	29,918	36,745	40,867	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	89,420	95,866	101,257	128,449	142,097	157,670	40,159	42,675	48,369	62,210	71,509	76,170
Retail trade	347,353	366,798	406,959	401,343	450,827	474,833	176,939	182,463	210,029	230,634	251,791	274,650
Finance, insurance, and real estate	107,322	98,425	126,949	149,315	178,794	218,973	48,635	41,264	52,141	60,690	66,900	79,182
Banking and credit agencies	43,968	49,427	55,795	63,469	70,328	81,566	19,154	20,329	24,002	28,894	29,568	32,959
Other finance, insurance, and real estate[9]	63,354	48,998	71,154	85,846	108,466	137,407	29,481	20,935	28,139	31,796	37,332	46,223
Services	724,022	797,208	786,476	947,430	1,025,375	1,122,979	249,295	273,448	314,608	356,377	413,534	459,820
Hotels and other lodging places	32,882	34,402	37,785	45,541	48,330	53,344	7,773	7,935	10,718	11,214	12,292	10,000
Personal services	31,302	34,787	36,370	38,771	47,791	54,001	16,131	17,466	18,910	17,976	23,221	25,478
Private households	16,458	17,937	18,965	21,411	21,875	22,931	8,324	9,070	9,592	10,827	11,066	11,601
Business services	226,827	257,074	221,792	310,473	329,170	363,866	37,069	48,253	65,574	80,087	98,973	119,260
Auto repair, services, and garages	31,331	30,110	34,938	41,011	45,242	47,404	14,342	13,016	16,062	20,039	22,094	22,839
Miscellaneous repair services	22,295	17,443	17,554	18,368	17,509	17,777	4,979	4,189	6,356	6,727	7,166	7,020
Amusement and recreation services	9,378	10,430	11,519	13,039	15,611	17,473	8,228	8,854	10,488	12,992	15,372	16,025
Motion pictures	1,892	(D)	(D)	(D)	4,656	4,624	651	(D)	(D)	(D)	(D)	(D)
Health services	196,600	229,551	244,798	258,872	282,476	301,667	87,767	99,395	106,057	115,765	130,638	138,601
Legal services	26,317	31,667	35,353	42,980	47,847	54,611	11,307	12,613	13,834	17,057	18,619	24,890
Educational services	14,516	16,672	18,622	21,210	23,621	24,470	4,696	5,403	6,119	6,491	7,182	7,966
Social services	21,036	21,229	19,997	22,665	23,003	29,963	11,431	11,280	11,128	12,867	15,116	19,603
Museums, botanical, zoological gardens	1,220	(D)	(D)	(D)	2,437	2,835	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	24,172	27,517	28,303	29,306	31,075	31,017	12,661	14,107	14,954	15,314	16,414	16,760
Miscellaneous services	67,796	64,103	55,862	77,576	84,732	96,996	23,936	21,098	23,967	26,949	32,923	37,089
Government and government enterprises	461,347	492,637	526,518	567,272	615,067	658,829	186,582	201,512	208,782	230,362	254,385	281,220
Federal, civilian	85,271	90,646	97,485	104,801	110,274	109,368	10,487	11,201	11,877	13,030	14,342	14,568
Military	73,242	83,633	89,033	94,421	98,621	98,373	2,287	2,711	2,849	3,268	3,921	3,889
State and local	302,834	318,358	340,000	368,050	406,172	451,088	173,808	187,600	194,056	214,064	236,122	262,763

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Santa Fe, NM (MSA)						Santa Rosa—Petaluma, CA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,030,384**	**1,142,215**	**1,224,564**	**1,357,254**	**1,502,042**	**1,612,711**	**3,877,677**	**4,089,593**	**4,547,457**	**5,042,078**	**5,543,172**	**5,859,588**
Nonfarm personal income	1,028,693	1,140,174	1,222,971	1,354,523	1,499,801	1,610,466	3,793,725	4,018,594	4,484,373	4,958,829	5,454,597	5,766,935
Farm income[1]	1,691	2,041	1,593	2,731	2,241	2,245	83,952	70,999	63,084	83,249	88,575	92,653
Population (thousands)[2]	93.7	96.5	98.3	100.3	103.2	106.2	308.7	314.4	321.1	326.1	334.1	343.6
Per capita personal income (dollars)	**10,999**	**11,835**	**12,455**	**13,536**	**14,553**	**15,190**	**12,560**	**13,006**	**14,162**	**15,462**	**16,589**	**17,055**
Derivation of total personal income:												
Total earnings by place of work	804,489	884,283	983,693	1,091,867	1,203,325	1,284,308	1,953,136	2,045,221	2,280,154	2,642,715	2,930,490	3,229,934
Less: Personal contributions for social insurance[3]	44,391	50,486	70,458	64,622	71,640	76,424	103,263	112,881	130,472	150,935	175,290	193,684
Plus: Adjustment for residence	−50,419	−58,056	−71,824	−89,517	−105,544	−99,177	608,571	645,086	764,693	802,781	891,921	787,752
Equals: Net earnings by place of residence	709,679	775,741	841,411	937,728	1,026,141	1,108,707	2,458,444	2,577,426	2,914,375	3,294,561	3,647,121	3,824,002
Plus: Dividends, interest, and rent[5]	199,435	234,287	240,614	268,539	307,014	322,318	813,939	858,056	947,648	1,041,370	1,135,109	1,221,684
Plus: Transfer payments	121,270	132,187	142,539	150,987	168,887	181,686	605,294	654,111	685,434	706,147	760,942	813,902
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	685,975	759,335	841,118	929,562	1,022,933	1,087,444	1,455,097	1,545,102	1,698,268	1,956,441	2,165,267	2,385,473
Other labor income	43,141	52,337	60,708	66,155	72,246	77,505	135,988	152,001	173,962	195,651	211,697	227,437
Proprietors' income[6]	75,373	72,611	81,867	96,150	108,146	119,359	362,051	348,118	407,924	490,623	553,526	617,024
Farm	603	832	422	1,572	1,070	1,070	59,293	42,121	33,689	53,120	57,918	60,462
Nonfarm	74,770	71,779	81,445	94,578	107,076	118,289	302,758	305,997	374,235	437,503	495,608	556,562
Earnings by industry:												
Farm	1,691	2,041	1,593	2,731	2,241	2,245	83,952	70,999	63,084	83,249	88,575	92,653
Nonfarm	802,798	882,242	982,100	1,089,136	1,201,084	1,282,063	1,869,184	1,974,222	2,217,070	2,559,466	2,841,915	3,137,281
Private	398,333	445,224	511,028	575,585	634,672	688,947	1,536,808	1,612,478	1,836,127	2,150,404	2,388,879	2,617,697
Agricultural services, forestry, fisheries, and other[7]	2,941	2,972	3,500	3,007	3,027	(D)	16,474	14,903	23,736	26,391	26,640	30,112
Agricultural services	(D)	2,809	3,232	2,722	(D)	(D)	15,015	14,212	20,016	23,514	22,620	25,323
Forestry, fisheries, and other[7]	(D)	163	268	285	(D)	(D)	1,459	691	3,720	2,877	4,020	4,789
Mining	9,541	10,297	9,434	9,777	10,803	10,352	24,533	26,573	30,291	33,600	40,588	36,352
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	6,813	7,714	6,965	(D)	(D)	(D)	19,991	22,062	24,384	27,419	34,268	31,202
Metal mining	2,017	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	65
Nonmetallic minerals, except fuels	709	(D)	(D)	804	638	472	4,535	4,547	5,897	6,176	6,274	5,060
Construction	48,297	55,142	75,734	82,512	85,992	83,166	196,262	192,283	219,780	297,792	318,986	376,173
Manufacturing	21,430	22,586	23,706	27,155	28,955	31,479	316,909	338,316	364,442	434,386	454,898	466,652
Nondurable goods	6,430*	6,990*	7,447*	8,963*	9,988*	10,510*	87,280	92,410	99,651	110,218	111,785	122,550
Food and kindred products	1,486	1,751	1,958	2,446	2,786*	3,152*	59,868	66,387	69,923	75,154	83,885	88,960
Textile mill products	(D)	279	356	(D)	392	393	(D)	(D)	(D)	(D)	(D)	2,295
Apparel and other textile products	704	714	814	1,339	1,241	1,037	2,087	1,933	2,472	2,106	1,799	3,288
Paper and allied products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	884
Printing and publishing	3,996*	(D)	4,319*	4,773*	5,444*	5,720*	16,941	18,086	19,934	23,929	17,538	19,088
Chemicals and allied products	0	0	0	0	0	(D)	1,137	1,041	1,294	1,292	1,214	1,188
Petroleum and coal products	0	0	0	0	0	0	(D)	106	117	145	255	126
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)	5,103	2,688	3,411	5,002	4,073	5,254
Leather and leather products	(D)	0	0	(D)	(D)	(D)	950	995	1,209	1,298	1,645	1,467
Durable goods	13,769*	14,063*	14,409*	16,003*	(D)	(D)	229,629	245,906	264,791	324,168	343,113	344,102
Lumber and wood products	700	580	585	635	716	969	34,756	30,054	32,950	42,829	45,913	47,865
Furniture and fixtures	598	734	657	833	1,154	1,252	5,640	6,215	8,910	9,267	8,160	4,578
Primary metal industries	745	774	792	812	917	977	(D)	(D)	(D)	1,135	(D)	(D)
Fabricated metal products	(D)	(D)	(D)	363*	(D)	(D)	10,827	9,926	10,474	9,640	10,944	12,921
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	36,229	35,741	34,292	45,946	50,148	51,806
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	15,795	17,725	17,890	21,497	20,734	19,080
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	0	0	0	4,844	4,173	3,868	(D)	6,089	6,134
Stone, clay, and glass products	2,414*	2,347*	4,029*	5,010*	4,861*	5,122*	8,916	8,332	8,312	11,391	12,587	13,404
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	105,963	127,818	140,969	170,631	178,493	177,952
Miscellaneous manufacturing industries	1,008	1,271	1,638	1,870	(D)	(D)	6,093	5,301	6,472	8,546	9,752	9,915
Transportation and public utilities	25,569	29,582	30,824	32,136	32,898	34,635	132,561	139,652	160,710	182,028	198,389	204,136
Railroad transportation	(D)	1,241	1,246	1,039	567	451	1,153	978	860	471	314	199
Trucking and warehousing	2,395*	2,582*	2,728*	3,440*	3,276*	4,023*	33,577	(D)	(D)	51,863	52,358	56,784
Water transportation	0	0	0	0	0	0	(D)	132	138	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	10,371	10,251	8,620	(D)	(D)	13,750
Communication	11,469*	13,762*	13,622*	13,996	14,060	13,679	(D)	50,261	52,129	51,012	52,262	53,658
Electric, gas, and sanitary services	6,990	7,944	9,080	10,031	11,157	12,055	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	9,456	10,802	11,354	12,910	13,437	13,173*	76,730	82,450	96,218	113,181	137,989	141,850
Retail trade	70,895	78,533	90,174	97,089	109,579	122,260	260,340	276,202	308,986	349,699	381,616	440,296
Finance, insurance, and real estate	25,426	23,021	30,676	34,680	38,259	45,592	101,254	98,953	121,833	144,707	170,615	195,336
Banking and credit agencies	(D)	(D)	(D)	18,453	19,956	20,075	36,407	39,597	47,270	53,771	64,074	52,994
Other finance, insurance, and real estate[9]	12,316*	(D)	(D)	16,227	18,303	25,517	64,847	59,356	74,563	90,936	106,541	142,342
Services	184,778	212,289	235,626	276,319	311,722	344,336	411,745	443,146	510,131	568,620	659,158	726,790
Hotels and other lodging places	10,673*	11,671*	13,165*	(D)	(D)	20,706	11,850	13,222	15,071	17,311	20,348	25,071
Personal services	6,432	7,616	8,867	9,637	11,336	11,863	24,594	28,096	29,536	32,266	40,463	41,848
Private households	4,342	4,747	5,038	5,674	5,773	6,022	11,088	12,080	12,776	14,418	14,729	15,438
Business services	(D)	62,725	68,042	81,927	98,397	108,328	55,427	70,386	86,660	99,158	140,401	153,902
Auto repair, services, and garages	4,828	4,949	6,401	7,342	8,234	8,368	34,914	34,584	40,154	47,699	52,120	56,356
Miscellaneous repair services	1,132	1,446	1,677	1,994	1,796	1,984	7,125	7,883	10,003	13,018	12,501	13,524
Amusement and recreation services	4,539*	5,326*	6,151*	7,140*	7,803*	7,768*	5,937	5,096	6,694	10,586	14,450	14,825
Motion pictures	972*	868*	1,198*	4,447*	3,745*	10,448*	890	951	1,133	(D)	(D)	(D)
Health services	40,682	47,808	55,104	62,246	68,517	75,908	138,552	159,567	186,902	188,301	199,800	224,817
Legal services	16,005	16,883	19,482	25,947	31,086	30,855	19,159	20,402	24,049	29,107	32,275	36,692
Educational services	8,690	9,029	9,558	10,407	11,145	11,973	8,647	9,440	10,075	12,023	13,024	13,819
Social services	4,956	(D)	(D)	5,972	5,377	5,693	16,768	14,440	15,191	18,420	21,251	23,249
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	306*	0	0	0	(D)	(D)	(D)
Membership organizations	(D)	6,670	7,560	8,499	8,889	9,304	21,550	23,640	25,391	27,186	27,973	28,375
Miscellaneous services	(D)	25,043	25,574	28,809	31,525	34,219	55,244	43,359	46,496	57,603	68,185	77,343
Government and government enterprises	404,465	437,018	471,072	513,551	566,412	593,116	332,376	361,744	380,943	409,062	453,036	519,584
Federal, civilian	37,376	33,396	35,245	38,785	41,310	41,880	28,803	29,556	30,251	33,583	36,814	47,747
Military	2,021	2,266	2,523	2,593	2,615	3,002	20,939	22,630	23,813	25,467	28,464	27,064
State and local	365,068	401,356	433,304	472,173	522,487	548,234	282,634	309,558	326,879	350,012	387,758	444,773

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Sarasota, FL (MSA)						Savannah, GA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,983,467**	**3,148,037**	**3,535,461**	**3,953,321**	**4,382,001**	**4,765,555**	**2,209,357**	**2,409,639**	**2,561,461**	**2,770,847**	**2,964,199**	**3,200,640**
Nonfarm personal income	2,975,642	3,138,483	3,524,063	3,942,664	4,371,038	4,754,687	2,201,102	2,399,261	2,550,090	2,759,197	2,952,723	3,189,642
Farm income[1]	7,825	9,554	11,398	10,657	10,963	10,868	8,255	10,378	11,371	11,650	11,476	10,998
Population (thousands)[2]	212.2	219.9	229.1	236.8	243.5	247.6	224.5	230.1	231.3	233.5	236.9	239.7
Per capita personal income (dollars)	**14,057**	**14,318**	**15,431**	**16,698**	**17,998**	**19,248**	**9,840**	**10,474**	**11,073**	**11,866**	**12,511**	**13,353**
Derivation of total personal income:												
Total earnings by place of work	1,273,521	1,325,899	1,526,202	1,722,849	1,904,823	2,099,777	1,612,323	1,735,212	1,836,371	2,015,221	2,185,753	2,410,943
Less: Personal contributions for social insurance[3]	70,752	76,744	88,648	102,131	118,244	130,556	87,962	96,492	99,645	110,935	125,354	140,022
Plus: Adjustment for residence	−84,476	−93,365	−110,284	−125,417	−136,409	−152,952	36,462	57,269	46,542	24,717	−2,277	−31,761
Equals: Net earnings by place of residence	1,118,293	1,155,790	1,327,270	1,495,301	1,650,170	1,816,269	1,560,823	1,695,989	1,783,268	1,929,003	2,058,122	2,239,160
Plus: Dividends, interest, and rent[4]	1,286,456	1,329,971	1,479,252	1,688,047	1,899,460	2,063,388	299,635	332,251	359,670	407,619	437,460	472,097
Plus: Transfer payments	578,718	662,276	728,939	769,973	832,371	885,898	348,899	381,399	418,523	434,225	468,617	489,383
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	992,861	1,078,161	1,219,227	1,378,884	1,516,120	1,661,225	1,351,996	1,464,826	1,537,551	1,684,721	1,818,040	1,997,895
Other labor income	86,707	97,807	113,834	125,221	136,330	147,365	130,544	147,660	154,057	160,861	172,143	191,770
Proprietors' income[6]	193,953	149,931	193,141	218,744	252,373	291,187	129,783	122,726	144,763	169,639	195,570	221,278
Farm	5,807	7,171	9,075	8,369	8,640	8,531	7,247	9,232	10,265	10,560	10,377	9,900
Nonfarm	188,146	142,760	184,066	210,375	243,733	282,656	122,536	113,494	134,498	159,079	185,193	211,378
Earnings by industry:												
Farm	7,825	9,554	11,398	10,657	10,963	10,868	8,255	10,378	11,371	11,650	11,476	10,998
Nonfarm	1,265,696	1,316,345	1,514,804	1,712,192	1,893,860	2,088,909	1,604,068	1,724,834	1,825,000	2,003,571	2,174,277	2,399,945
Private	1,121,763	1,153,333	1,334,589	1,515,447	1,679,568	1,853,654	1,304,525	1,400,747	1,476,956	1,625,942	1,771,516	2,013,573
Agricultural services, forestry, fisheries, and other[7]	10,032	9,993	12,325	13,713	14,375	15,286	8,442	9,340	8,977	7,788	6,183	7,932
Agricultural services	9,815	9,912	11,807	13,244	13,720	14,623	(D)	(D)	(D)	(D)	3,862*	4,580*
Forestry, fisheries, and other[7]	217	81	518	469	655	663	(D)	(D)	(D)	(D)	(D)	(D)
Mining	28,304	22,246	19,979	22,968	38,418	37,495	4,941*	4,347	3,763	3,954	5,212	5,467
Coal mining	(D)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Oil and gas extraction	27,968	(D)	(D)	(D)	35,074	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(L)	−60	(L)	(L)	(L)	67	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	3,292	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	166,822	161,865	187,169	226,187	248,328	260,646	112,798	127,721	117,481	136,595	147,146	208,930
Manufacturing	107,611	107,511	117,820	140,637	157,693	178,213	384,773	404,348	413,158	446,492	474,638	520,257
Nondurable goods	27,451	29,548	32,355	37,119	43,671	48,145	242,779	245,292	237,542	258,749	265,420	296,381
Food and kindred products	(D)	456	628	1,954	2,649	3,273	41,608*	42,582*	46,602*	49,779*	53,264*	59,817*
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	98	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	829	921	897	972	1,379	1,633	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	421	495	668	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	20,329	21,134	21,395	23,482	27,159	28,274	6,117*	6,712	7,442	8,427	9,223	10,486
Chemicals and allied products	1,943	2,273	2,502	2,804	3,336	3,538	48,485*	49,451*	36,787*	39,602*	43,705*	46,070*
Petroleum and coal products	0	0	174	0	0	0	18,119	16,034	17,287	18,357	19,428	24,008
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	3,396	4,233	6,020	7,044	8,251	10,320	(D)	(D)	(D)	953	1,446	1,881
Leather and leather products	0	(D)	(D)	0	0	(D)	0	0	0	0	0	0
Durable goods	80,160	77,963	85,465	103,518	114,022	130,068	141,994	159,056	175,616	187,743	209,218	223,876
Lumber and wood products	6,597	5,114	5,409	8,585	8,927	9,757	(D)	23,452	24,119	(D)	(D)	28,490
Furniture and fixtures	1,530	(D)	(D)	3,505	3,783	(D)	1,013	996	887	932	999	880
Primary metal industries	0	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	13,398	12,177	10,533	13,249	14,079	16,174	14,941	12,041	10,184	11,473	12,419	12,978
Machinery, except electrical	8,954	8,883	12,259	13,949	16,246	19,401	5,306	5,785	7,581	3,112	5,395	6,375
Electric and electronic equipment	28,493	30,554	32,133	36,054	40,905	45,087	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	3,063	3,013	2,966	2,833	6,102	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	0	0	0	(D)	(D)	(D)	17,222	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	10,158	8,846	10,128	12,988	14,026	14,932	11,294*	11,407	13,891	15,695*	16,923*	18,343*
Instruments and related products	3,763	2,915	3,931	5,076	5,209	4,777	(D)	735	2,885	3,679	(D)	(D)
Miscellaneous manufacturing industries	(D)	4,496	5,145	6,658	6,975	8,310	410	384	419	441	563	653
Transportation and public utilities	73,958	79,895	87,806	94,676	99,857	102,793	185,363*	198,151	218,213	237,876	250,994	252,530
Railroad transportation	230	247	277	329	329	148	44,023*	46,301	51,155	53,674	49,672	40,496
Trucking and warehousing	13,097	11,529	12,255	14,637	15,226	15,005	39,932	40,871	48,354	55,000	58,521	61,301
Water transportation	918	725	1,164	1,416	1,708	1,278	44,453	42,965	46,207	52,866	55,254	60,121
Other transportation[8]	8,357	8,938	10,418	10,660	12,394	11,870	13,339	16,127	16,063	18,474	26,057	25,882
Communication	33,793	38,202	41,745	44,183	45,102	45,710	27,448	30,753	31,752	30,789	32,380	33,704
Electric, gas, and sanitary services	17,563	20,254	21,947	23,451	25,098	28,782	18,364	21,134	24,682	27,073	29,110	31,026
Wholesale trade	52,154	53,626	60,163	68,567	74,866	77,821	89,152	95,947	97,982	107,954	120,794	131,413
Retail trade	221,645	237,061	270,169	291,580	320,659	352,124	174,153	183,414	191,047	214,596	232,946	252,250
Finance, insurance, and real estate	103,351	91,478	130,673	134,543	149,114	188,204	65,301	67,569	80,829	85,600	96,193	109,974
Banking and credit agencies	32,814	(D)	(D)	51,667	56,038	63,118	23,040*	25,589*	29,101*	31,656*	33,088*	36,959*
Other finance, insurance, and real estate[9]	70,537	(D)	(D)	82,876	93,076	125,086	41,566*	41,300*	50,840*	52,936*	61,913*	71,444*
Services	357,886	389,658	448,485	522,576	576,258	641,072	276,677	309,910	345,506	385,087	437,410	524,820
Hotels and other lodging places	16,335	17,512	17,672	16,358	17,089	16,915	16,982	16,955	20,174	19,350	20,656	24,101
Personal services	18,364	20,243	23,333	25,365	29,151	31,892	14,405	15,409	16,990	18,955	22,234	24,013
Private households	13,414	14,743	15,681	17,854	18,372	19,325	10,811	11,678	12,276	13,834	14,135	14,781
Business services	46,210	47,534	55,035	61,931	65,024	77,582	25,681	30,359	33,417	40,848	52,743	56,953
Auto repair, services, and garages	15,326	14,117	18,416	22,180	21,697	22,888	12,695	12,572	13,770	15,870	17,147	18,925
Miscellaneous repair services	5,516	6,303	7,487	8,437	7,752	9,960	9,103	10,677	11,037	11,354	8,441	8,692
Amusement and recreation services	24,234	25,997	31,064	34,810	39,692	40,379	3,913	4,301	4,325	4,159	4,564	4,744
Motion pictures	885	865	832	1,232	1,685	1,823	(D)	613	675	(D)	(D)	(D)
Health services	108,943	126,701	145,328	172,004	190,623	213,739	101,203	119,534	135,653	148,488	168,865	233,319
Legal services	27,115	31,861	37,379	42,546	45,496	52,349	14,972	18,940	21,778	26,476	31,797	34,999
Educational services	3,877	4,278	5,206	5,836	5,838	6,017	9,550*	10,451*	10,867*	11,304*	13,375*	14,432*
Social services	6,390	7,482	8,316	9,744	11,546	13,867	9,000	9,309	9,905	10,491	10,360*	11,472*
Museums, botanical, zoological gardens	525	551	585	565	564	596	(D)	339	405	(D)	(D)	(D)
Membership organizations	13,817	15,899	18,680	24,217	25,908	27,265	13,918*	15,431*	16,090*	16,681*	18,079	18,260
Miscellaneous services	56,935	55,572	63,471	79,497	95,821	106,475	32,469	32,214	36,939	45,215	53,800	58,771
Government and government enterprises	143,933	163,012	180,215	196,745	214,292	235,255	299,543	324,087	348,044	377,629	402,761	386,372
Federal, civilian	17,715	18,927	21,851	24,076	26,057	27,078	60,425	64,017	67,356	73,368	82,304	78,575
Military	2,069	2,452	2,694	2,964	3,315	3,630	63,531	69,136	71,637	76,207	76,895	78,810
State and local	124,149	141,633	155,670	169,705	184,920	204,547	175,587	190,934	209,051	228,054	243,562	228,987

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Scranton—Wilkes—Barre, PA (MSA)						Seattle, WA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,860,164**	**7,315,414**	**7,770,350**	**8,157,412**	**8,745,203**	**9,244,044**	**22,348,026**	**23,501,227**	**24,608,958**	**26,602,215**	**28,714,834**	**31,113,870**
Nonfarm personal income	6,826,398	7,288,209	7,749,626	8,121,852	8,709,652	9,207,784	22,295,332	23,458,514	24,563,684	26,555,262	28,660,541	31,050,845
Farm income[1]	33,766	27,205	20,724	35,560	35,551	36,260	52,694	42,713	45,274	46,953	54,293	63,025
Population (thousands)[2]	728.6	727.7	727.1	725.3	723.6	725.9	1,649.2	1,666.5	1,674.1	1,692.7	1,724.7	1,751.1
Per capita personal income (dollars)	**9,416**	**10,052**	**10,686**	**11,247**	**12,086**	**12,734**	**13,551**	**14,102**	**14,699**	**15,716**	**16,650**	**17,768**
Derivation of total personal income:												
Total earnings by place of work	4,400,369	4,550,013	4,817,232	5,114,590	5,490,975	5,850,581	17,994,333	18,622,714	19,294,253	20,896,917	22,706,361	25,021,172
Less: Personal contributions for social insurance[3]	265,094	287,724	302,936	332,826	368,881	395,850	962,722	1,040,719	1,103,192	1,212,235	1,375,512	1,531,511
Plus: Adjustment for residence	58,383	62,534	58,105	78,593	67,803	72,268	−767,649	−758,162	−764,425	−828,675	−926,929	−1,173,001
Equals: Net earnings by place of residence	4,193,658	4,324,823	4,572,401	4,860,357	5,189,897	5,526,999	16,263,962	16,823,833	17,426,636	18,856,007	20,403,920	22,316,660
Plus: Dividends, interest, and rent[5]	1,018,499	1,166,640	1,234,933	1,332,667	1,481,894	1,549,656	3,500,615	3,767,201	4,027,532	4,469,955	4,797,769	5,097,921
Plus: Transfer payments	1,648,007	1,823,951	1,963,016	1,964,388	2,073,412	2,167,389	2,583,449	2,910,193	3,154,790	3,276,253	3,513,145	3,699,289
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,497,424	3,632,630	3,818,487	4,040,204	4,329,070	4,599,294	15,116,758	15,671,634	16,074,031	17,409,487	18,866,368	20,757,085
Other labor income	366,302	395,436	413,349	419,851	446,867	472,052	1,476,891	1,608,001	1,643,115	1,710,757	1,828,964	2,020,048
Proprietors' income[6]	536,643	521,947	585,396	654,535	715,038	779,235	1,400,684	1,343,079	1,577,107	1,776,673	2,011,029	2,244,039
Farm	27,472	20,238	14,083	29,067	28,942	29,623	37,766	25,083	28,286	30,228	37,379	46,090
Nonfarm	509,171	501,709	571,313	625,468	686,096	749,612	1,362,918	1,317,996	1,548,821	1,746,445	1,973,650	2,197,949
Earnings by industry:												
Farm	33,766	27,205	20,724	35,560	35,551	36,260	52,694	42,713	45,274	46,953	54,293	63,025
Nonfarm	4,366,603	4,522,808	4,796,508	5,079,030	5,455,424	5,814,321	17,941,639	18,580,001	19,248,979	20,849,964	22,652,068	24,958,147
Private	3,727,131	3,837,672	4,076,006	4,314,418	4,638,773	4,973,806	15,614,320	16,140,521	16,691,078	18,100,687	19,691,556	21,830,445
Agricultural services, forestry, fisheries, and other[7]	12,357	14,053	16,473	16,496	18,340	19,490	138,586	133,756	180,935	143,656	236,757	289,122
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	59,672	64,770	70,133	74,372	73,867	87,158
Forestry, fisheries, and other[7]	(D)	304*	1,333*	(D)	1,669*	1,928*	78,914	68,986	110,802	69,284	162,890	201,964
Mining	45,605	43,112	34,081	38,671	44,415	41,715	58,492	52,736	47,016	51,663	73,165	76,115
Coal mining	29,187*	27,208*	21,872*	25,322*	23,629*	21,914*	602	(D)	(D)	(D)	1,749*	1,137
Oil and gas extraction	13,794*	13,735	10,248	10,792	18,168	18,346	49,404	44,162	35,774	39,136	59,576	62,850
Metal mining	(L)	(L)	(L)	(L)	(L)	82	(D)	(D)	(D)	(D)	545*	1,143
Nonmetallic minerals, except fuels	(D)	2,053*	1,836*	(D)	(D)	(D)	(D)	(D)	(D)	10,479	11,189	10,985
Construction	347,858	379,096	389,076	313,523	364,800	372,731	1,238,725	1,218,489	1,295,620	1,448,070	1,473,855	1,671,280
Manufacturing	1,279,992	1,252,423	1,294,324	1,406,728	1,459,448	1,515,800	4,915,043	4,993,277	4,666,451	5,053,075	5,537,137	6,292,444
Nondurable goods	693,421	695,562	726,742	772,051	791,491	812,598	675,618	697,369	731,753	772,166	814,776	871,755
Food and kindred products	83,251*	86,517*	90,656*	98,326*	104,225*	111,250*	260,217	270,646	271,651	262,297	275,184	284,312
Textile mill products	66,008*	61,257*	64,946*	67,251*	71,878*	87,542*	3,600	(D)	3,115*	3,440*	5,911	(D)
Apparel and other textile products	211,189	202,087	211,544	214,710	196,041	173,633	45,890	50,794	57,160	64,630	62,997	61,948
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	93,291	99,069*	107,741*	118,731*	128,571*	137,558*	186,881	198,740	213,615	233,029	255,779	285,653
Chemicals and allied products	25,154*	24,694*	23,641*	25,727*	29,415*	(D)	29,685	33,232	36,568	36,647*	40,363*	44,593*
Petroleum and coal products	3,421*	4,398	3,262	551	592	(D)	6,527	6,273	5,228	5,841	4,181	4,122
Tobacco manufactures	24,233	19,298*	15,089*	15,381*	(D)	11,398	93	(L)	(L)	54	(L)	(D)
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	29,994	31,493	35,910	45,964	48,363	54,838
Leather and leather products	17,238*	(D)	(D)	(D)	(D)	(D)	4,094*	3,340*	3,642*	4,435*	3,836*	3,307*
Durable goods	586,571	556,861	567,582	634,677	667,957	703,202	4,239,425	4,295,908	3,934,698	4,280,909	4,722,361	5,420,689
Lumber and wood products	20,575	(D)	(D)	(D)	40,605	47,608*	280,329	261,460	285,189	283,617	272,272	273,659
Furniture and fixtures	20,254*	18,568*	20,031*	20,432*	22,634*	27,699*	29,026	27,731	31,982	37,715	42,160	45,018
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	80,481	70,455	65,177	68,358*	71,793	72,575
Fabricated metal products	145,478	156,039*	155,141*	170,731*	185,313*	185,500*	182,592	173,478	155,343	166,877	161,912	169,021
Machinery, except electrical	117,533*	96,002*	84,847*	89,741*	90,791*	93,358	212,800	189,099	174,894	190,578	228,406	219,452
Electric and electronic equipment	103,678*	(D)	(D)	(D)	117,374*	131,399*	196,363	210,485	222,304	212,328	233,280	243,529
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	2,933,234	3,304,976	3,958,625
Motor vehicles and equipment	2,843*	(D)	(D)	(D)	(D)	(D)	49,681*	45,353*	42,822*	45,530*	37,881	55,224
Stone, clay, and glass products	54,297*	52,416*	57,297*	68,900*	70,803*	73,593*	84,687	83,648	89,978	93,330	96,877	99,393
Instruments and related products	34,483*	38,475*	40,420*	43,827*	45,510*	43,403*	(D)	139,208	163,359	184,310	210,846	218,145
Miscellaneous manufacturing industries	34,337*	34,305	37,331	44,799	42,635	44,879	43,904	40,935	48,782	58,738	61,958	66,048
Transportation and public utilities	348,929	374,091	390,405	424,370	441,870	476,638	1,503,872	1,599,996	1,706,318	1,813,226	1,915,905	2,014,809
Railroad transportation	17,407*	14,563	12,339	11,566*	9,355*	9,915	(D)	93,499	88,626	(D)	87,491	82,710
Trucking and warehousing	142,189	144,923	146,009	155,429*	155,967*	168,501*	272,386	275,165	281,087	309,430	(D)	(D)
Water transportation	(D)	374	(L)	(L)	(L)	(L)	160,996	167,264	183,941	199,834	197,636	189,380
Other transportation[8]	(D)	31,117	33,378	37,323*	39,286*	41,195*	399,847	441,341	501,461	566,018	613,624	675,968
Communication	(D)	74,264*	79,059*	86,327*	88,333*	95,590	(D)	518,141	553,301	(D)	(D)	(D)
Electric, gas, and sanitary services	82,100*	97,869*	108,833*	(D)	(D)	(D)	97,867	104,586	97,902	106,996	126,913	145,216
Wholesale trade	242,500	242,942	253,013	271,524	287,550	309,695	1,452,443	1,515,367	1,553,360	1,707,908	1,813,443	1,919,595
Retail trade	467,446	464,292	518,610	544,106	581,180	638,046	1,815,599	1,923,229	2,085,113	2,176,827	2,304,758	2,465,211
Finance, insurance, and real estate	170,121	162,524	186,045	201,050	215,104	254,480	1,205,402	1,304,037	1,445,138	1,539,996	1,701,924	1,972,679
Banking and credit agencies	75,734*	(D)	(D)	98,387*	106,261*	117,415*	440,357	482,479	515,996	556,806	606,766	691,903
Other finance, insurance, and real estate[9]	92,408*	(D)	(D)	100,637*	106,430*	133,779*	765,045	821,558	929,142	983,190	1,095,158	1,280,776
Services	812,323	905,139	993,979	1,097,950	1,226,066	1,345,211	3,286,158	3,399,634	3,711,127	4,166,266	4,634,612	5,129,190
Hotels and other lodging places	52,540	54,263	59,217	63,990*	72,374*	87,595*	98,464	97,053	124,862	122,501	117,854	133,446
Personal services	38,643	44,238	47,157	49,808	62,055*	68,967*	166,638	183,184	197,009	219,290	260,930	279,813
Private households	(D)	10,198	10,579	11,705	11,674	11,968	(D)	37,384	38,977	43,619	44,172	45,772
Business services	62,999	76,811	86,608	98,238	123,615	138,198	686,659	599,138	654,819	787,279	899,941	1,024,421
Auto repair, services, and garages	45,810	44,981	50,683	59,265	63,836	67,311	159,329	161,950	178,773	214,727	230,540	250,767
Miscellaneous repair services	13,475	14,704	17,696	21,145	19,280	20,136	78,271	78,969	94,621	109,315	105,215	111,519
Amusement and recreation services	12,374*	12,784*	15,343*	19,474	23,361	22,827	90,790	101,878	116,904	140,130	161,314	162,843
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	17,537	16,970*	16,707*	21,213*	23,404*	27,461*
Health services	335,877	401,495	447,480	490,985	526,424	569,863	949,022	1,053,903	1,117,427	1,164,064	1,296,356	1,435,598
Legal services	31,460	37,691	39,505	48,226	55,459	62,822	255,424	314,975	359,923	411,625	454,248	514,808
Educational services	59,151	60,941	62,934	67,830	72,325	77,258*	72,857	82,325	91,562	100,467	108,106	112,454
Social services	33,457	35,744*	39,422*	39,224	45,564	52,228*	76,647	84,702	98,971	117,306	129,497	140,833
Museums, botanical, zoological gardens	(D)	(D)	(D)	242*	653*	754*	(D)	2,098*	2,401*	2,652*	3,016*	3,472*
Membership organizations	39,136*	44,522	47,410	50,327	52,680	54,459	147,992	153,399	160,524	168,326	172,642	184,817
Miscellaneous services	74,883	64,395	67,291	74,517	91,474	98,012	450,038	430,873	456,668	541,814	624,844	698,381
Government and government enterprises	639,472	685,136	720,502	764,612	816,651	840,515	2,327,319	2,439,480	2,557,901	2,749,277	2,960,512	3,127,702
Federal, civilian	180,318	196,764	208,034	228,394	243,340	239,430	477,159	479,005	516,013	560,947	595,872	598,726
Military	19,569	19,191	23,520	21,171	23,083	25,330	93,584	99,961	106,137	103,904	118,348	126,506
State and local	439,585	469,181	488,948	515,047	550,228	575,755	1,756,576	1,860,514	1,935,751	2,084,426	2,246,292	2,402,470

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Sharon, PA (MSA)						Sheboygan, WI (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,327,259**	**1,313,039**	**1,304,704**	**1,372,006**	**1,409,476**	**1,443,149**	**1,124,186**	**1,154,821**	**1,209,882**	**1,333,003**	**1,383,096**	**1,465,367**
Nonfarm personal income	1,315,388	1,304,758	1,301,493	1,360,601	1,397,633	1,430,456	1,099,857	1,133,460	1,202,440	1,315,862	1,366,444	1,439,600
Farm income[1]	11,871	8,281	3,211	11,405	11,843	12,693	24,329	21,361	7,442	17,141	16,652	25,767
Population (thousands)[2]	127.7	127.4	127.1	126.0	124.0	123.6	101.5	102.2	102.3	102.7	102.7	102.7
Per capita personal income (dollars)	**10,391**	**10,310**	**10,265**	**10,892**	**11,365**	**11,680**	**11,077**	**11,298**	**11,831**	**12,974**	**13,463**	**14,274**
Derivation of total personal income:												
Total earnings by place of work	1,004,533	902,838	847,174	905,103	913,956	911,687	811,076	804,660	833,282	942,837	970,262	1,039,221
Less: Personal contributions for social insurance[3]	58,574	55,696	52,340	57,465	60,320	60,674	49,866	51,757	52,715	59,292	63,823	68,543
Plus: Adjustment for residence	−25,647	−8,463	3,864	8,577	11,458	22,819	25,102	27,661	31,051	29,936	35,251	33,485
Equals: Net earnings by place of residence	920,312	838,679	798,698	856,215	865,094	873,832	786,312	780,564	811,618	913,481	941,690	1,004,163
Plus: Dividends, interest, and rent[5]	185,780	209,235	218,072	233,595	249,089	260,714	188,471	199,879	213,214	234,689	245,701	257,851
Plus: Transfer payments	221,167	265,125	287,934	282,196	295,293	308,603	149,403	174,378	185,050	184,833	195,705	203,353
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	798,503	714,926	662,677	701,308	702,870	692,392	666,161	662,133	690,135	774,384	794,946	841,154
Other labor income	109,625	97,249	89,317	90,879	90,297	87,313	73,481	75,322	80,203	87,449	88,475	94,278
Proprietors' income[6]	96,405	90,663	95,180	112,916	120,789	131,982	71,434	67,205	62,944	81,004	86,841	103,789
Farm	10,087	6,462	1,472	9,698	10,107	10,961	19,626	15,842	2,105	11,898	11,328	20,421
Nonfarm	86,318	84,201	93,708	103,218	110,682	121,021	51,808	51,363	60,839	69,106	75,513	83,368
Earnings by industry:												
Farm	11,871	8,281	3,211	11,405	11,843	12,693	24,329	21,361	7,442	17,141	16,652	25,767
Nonfarm	992,662	894,557	843,963	893,698	902,113	898,994	786,747	783,299	825,840	925,696	953,610	1,013,454
Private	915,845	813,334	759,774	806,186	809,823	803,087	710,083	699,670	736,992	828,679	851,628	906,722
Agricultural services, forestry, fisheries, and other[7]	1,567	1,790	2,491	2,282	1,772	2,061	2,551	2,655	3,307	3,232	2,973	3,263
Agricultural services	1,508	1,786	2,348	2,161	1,637	1,899	2,463	2,633	3,143	3,075	2,778	3,070
Forestry, fisheries, and other[7]	59	(L)	143	121	135	162	88	(L)	164	157	195	193
Mining	17,985	20,427	18,084	17,998	21,190	18,556	2,709	2,226	1,964	2,078	2,991	2,941
Coal mining	14,945	17,761	15,379	15,266	17,149	14,594	0	0	0	0	0	0
Oil and gas extraction	2,334	2,068	1,810	1,777	2,818	2,771	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	−104	(L)	(L)	51	151
Nonmetallic minerals, except fuels	706	598	895	955	1,223	1,191	(D)	(D)	(D)	(D)	(D)	(D)
Construction	43,306	37,783	35,070	38,546	38,741	42,601	46,228	42,826	44,513	49,692	51,038	56,175
Manufacturing	448,403	362,026	315,517	341,644	318,215	289,347	389,512	372,788	394,324	460,129	465,795	492,766
Nondurable goods	17,727	18,959	20,588	22,441	24,087	25,895	107,229	108,407	108,622	118,541	118,626	140,369
Food and kindred products	9,656	10,109	11,338	12,235	12,810	13,463	41,210	42,433	41,198	45,139	46,024	49,140
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	0	0	(D)	9,280	13,661	11,106	12,743	12,683	14,914
Printing and publishing	(D)	3,169	3,196	3,314	3,545	3,993	7,344	7,612	8,336	11,784	12,409	12,925
Chemicals and allied products	2,600	3,110	3,202	3,437	3,998	(D)	15,858	13,502	15,452	(D)	(D)	17,854
Petroleum and coal products	1,133	937	1,063	1,119	1,192	1,226	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	226	321	523	1,120	1,268	1,371	13,292	13,492	15,808	19,106	18,816	33,478
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	12,870	10,474	8,950	5,087	3,812	2,872
Durable goods	430,676	343,067	294,929	319,203	294,128	263,452	282,283	264,381	285,702	341,588	347,169	352,397
Lumber and wood products	2,369	1,706	1,540	2,081	2,104	2,543	23,085	24,875	30,055	36,628	39,092	45,108
Furniture and fixtures	0	(D)	(D)	(D)	(D)	(D)	12,374	11,959	12,173	13,882	15,303	15,495
Primary metal industries	250,534	196,478	186,901	187,217	186,643	176,683	16,671	13,378	13,368	16,446	17,503	17,857
Fabricated metal products	34,899	32,055	19,632	36,600	34,157	20,227	115,466	109,230	117,509	151,335	159,375	172,231
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	79,695	72,075	77,570	84,462	76,144	71,405
Electric and electronic equipment	(D)	(D)	(D)	39,698	10,747	9,839	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Motor vehicles and equipment	598	(D)	(D)	1,285	1,944	2,009	0	0	0	0	0	0
Stone, clay, and glass products	2,658	1,547	3,258	3,395	3,975	3,779	(D)	(D)	(D)	(D)	12,230	13,670
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	150	145	128	199	850	14,494	12,561	14,165	19,635	21,595	10,686
Transportation and public utilities	108,233	86,708	56,988	62,632	61,828	54,572	32,639	33,829	31,759	35,637	36,865	39,055
Railroad transportation	32,083	20,557	10,137	10,839	10,406	7,915	(D)	1,169	1,137	930	728	861
Trucking and warehousing	54,077	42,881	23,637	27,418	25,071	20,276	14,606	14,393	11,810	13,865	14,753	15,904
Water transportation	(L)	(L)	(L)	(D)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	5,152	5,914	5,863	(D)	6,793	6,697	2,806	(D)	(D)	(D)	(D)	(D)
Communication	6,204	6,448	6,305	5,977	5,964	5,730	6,994	7,460	7,561	(D)	(D)	(D)
Electric, gas, and sanitary services	10,729	10,928	11,061	11,826	13,601	13,953	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	38,718	35,829	35,951	38,173	41,050	43,033	21,857	22,734	23,711	25,458	27,524	31,401
Retail trade	86,363	86,171	93,037	91,208	95,791	102,469	79,244	81,115	84,927	87,613	91,892	95,906
Finance, insurance, and real estate	24,586	22,651	24,430	25,028	25,175	29,845	29,242	30,484	34,906	36,749	34,367	39,934
Banking and credit agencies	14,717	15,581	15,669	16,700	17,356	18,625	12,994	13,391	15,882	17,670	(D)	(D)
Other finance, insurance, and real estate[9]	9,869	7,070	8,761	8,328	7,819	11,220	16,248	17,093	19,024	19,079	(D)	(D)
Services	146,684	159,949	178,206	188,675	206,061	220,603	106,101	111,013	117,581	128,091	138,183	145,281
Hotels and other lodging places	4,204	4,210	4,009	3,667	4,121	4,636	1,627	1,320	1,555	(D)	(D)	(D)
Personal services	7,511	8,322	8,953	9,486	11,668	13,037	5,640	6,331	6,509	7,011	8,331	8,926
Private households	(D)	1,406	1,458	1,601	1,599	1,635	1,333	1,414	1,465	1,617	1,622	1,660
Business services	7,416	11,519	15,464	17,928	21,055	24,117	10,424	13,321	15,021	16,871	19,783	21,425
Auto repair, services, and garages	8,588	8,135	10,250	13,061	14,110	14,728	4,817	5,279	6,121	7,024	7,145	6,758
Miscellaneous repair services	2,317	1,918	3,191	4,154	4,195	2,591	1,992	1,708	2,257	2,855	2,356	2,479
Amusement and recreation services	1,997	1,816	1,827	2,142	2,523	2,803	2,205	2,174	2,273	2,498	2,800	2,935
Motion pictures	(L)	(D)	(D)	(D)	(D)	(D)	133	134	132	(D)	(D)	(D)
Health services	71,707	82,405	91,075	93,150	98,303	105,167	47,215	51,757	52,955	54,691	58,309	61,447
Legal services	5,487	5,655	5,963	6,828	7,428	8,086	3,185	3,485	4,018	4,767	5,346	5,511
Educational services	10,382	10,538	11,105	12,500	13,275	14,371	3,900	4,006	4,123	4,689	4,957	5,465
Social services	8,777	7,957	8,117	7,596	8,771	10,082	2,424	1,898	1,713	1,995	2,311	2,504
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	7,054	7,579	7,845	8,068	8,153	8,201	4,796	5,184	5,584	6,016	6,099	6,196
Miscellaneous services	9,944	8,478	8,926	8,311	10,569	10,848	16,410	13,002	13,855	16,187	17,504	17,966
Government and government enterprises	76,817	81,223	84,189	87,512	92,290	95,907	76,664	83,629	88,848	97,017	101,982	106,732
Federal, civilian	7,610	7,610	8,017	8,385	8,667	8,295	4,869	5,066	5,266	5,519	5,873	6,175
Military	3,068	3,057	3,741	3,223	3,499	3,743	2,153	2,232	2,829	3,419	3,928	4,103
State and local	66,139	70,556	72,431	75,904	80,124	83,869	69,642	76,331	80,753	88,079	92,181	96,454

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Sherman—Denison, TX (MSA)						Shreveport, LA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**927,206**	**1,002,098**	**1,067,340**	**1,165,983**	**1,242,826**	**1,294,637**	**3,519,905**	**3,741,394**	**3,950,713**	**4,247,227**	**4,469,331**	**4,483,480**
Nonfarm personal income	923,458	992,577	1,056,292	1,151,173	1,236,719	1,288,805	3,507,568	3,727,542	3,934,092	4,232,607	4,453,922	4,470,362
Farm income[1]	3,748	9,521	11,048	14,810	6,107	5,832	12,337	13,852	16,621	14,620	15,409	13,118
Population (thousands)[2]	91.5	92.6	93.8	95.3	96.8	98.3	340.0	347.2	352.0	357.9	362.6	364.6
Per capita personal income (dollars)	**10,138**	**10,824**	**11,375**	**12,231**	**12,835**	**13,177**	**10,354**	**10,775**	**11,222**	**11,866**	**12,324**	**12,298**
Derivation of total personal income:												
Total earnings by place of work	654,540	675,399	724,194	800,839	844,102	885,525	2,728,906	2,913,494	3,007,430	3,260,280	3,377,838	3,311,757
Less: Personal contributions for social insurance[3]	34,535	36,343	39,399	44,131	49,087	52,130	143,510	161,408	161,025	177,544	193,343	192,691
Plus: Adjustment for residence	1,885	7,354	7,637	9,010	7,480	1,799	−133,041	−185,392	−173,816	−181,628	−184,063	−172,988
Equals: Net earnings by place of residence	621,890	646,410	692,432	765,718	802,495	835,194	2,452,355	2,566,694	2,672,589	2,901,108	3,000,432	2,946,078
Plus: Dividends, interest, and rent[4]	144,863	174,260	178,810	199,286	222,753	229,335	578,555	619,061	668,792	723,638	779,176	790,421
Plus: Transfer payments	160,453	181,428	196,098	200,979	217,578	230,108	488,995	555,639	609,332	622,481	689,723	746,981
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	531,458	543,957	573,548	633,570	677,109	709,217	2,235,361	2,400,953	2,448,552	2,655,875	2,745,302	2,674,902
Other labor income	60,011	62,929	66,971	70,791	73,455	76,816	228,526	254,840	263,522	273,136	276,685	266,695
Proprietors' income[6]	63,071	68,513	83,675	96,478	93,538	99,492	265,019	257,701	295,356	331,269	355,851	370,160
Farm	2,869	8,624	10,181	13,955	5,240	4,960	8,388	9,473	12,397	10,541	11,293	8,962
Nonfarm	60,202	59,889	73,494	82,523	88,298	94,532	256,631	248,228	282,959	320,728	344,558	361,198
Earnings by industry:												
Farm	3,748	9,521	11,048	14,810	6,107	5,832	12,337	13,852	16,621	14,620	15,409	13,118
Nonfarm	650,792	665,878	713,146	786,029	837,995	879,693	2,716,569	2,899,642	2,990,809	3,245,660	3,362,429	3,298,639
Private	584,910	592,881	633,830	701,854	747,459	782,265	2,255,931	2,393,829	2,455,381	2,679,035	2,755,331	2,656,641
Agricultural services, forestry, fisheries, and other[7]	1,921	1,563	2,124	2,008	1,989	1,929	8,894	11,512	12,851	12,688	12,375	11,881
Agricultural services	1,852	1,542	1,958	1,937	1,822	1,745	(D)	11,066	11,785	11,909	11,703	11,218
Forestry, fisheries, and other[7]	69	(L)	166	71	167	184	(D)	446	1,066	779	672	663
Mining	9,193	9,537	9,189	11,198	9,348	7,864	196,840	214,925	191,513	180,419	173,508	143,725
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	1,737	2,140	2,230	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	195,089	212,846	189,073	173,833	165,428	132,933
Metal mining	0	0	0	0	0	0	(L)	−68	(L)	(L)	(L)	583
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	221	(D)	(D)	(D)
Construction	35,671	39,117	46,852	47,427	53,872	60,380	191,569	198,323	220,481	235,101	234,754	219,133
Manufacturing	262,692	260,904	271,489	302,235	320,881	334,688	508,991	515,811	496,011	598,778	616,148	544,606
Nondurable goods	76,791	83,237	87,563	84,237	87,228	98,951	100,698	110,346	116,055	114,981	120,585	129,547
Food and kindred products	48,412	57,768	57,577	49,490	56,307	68,441	24,851	22,136*	19,679*	17,668	18,900	19,020
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	9,129	8,453	7,699	8,075	4,399	4,718	3,381	(D)	(D)	(D)	(D)	4,033
Paper and allied products	3,768	4,044	3,932	4,352	4,298	4,079	(D)	648	1,237	1,448	5,091	(D)
Printing and publishing	3,932	3,710	3,927	4,588	5,275	5,502	21,619	25,667	25,154	25,526	25,706	25,679
Chemicals and allied products	0	(D)	(D)	(D)	(D)	(D)	12,764*	13,973*	14,133*	13,764*	23,500	27,077
Petroleum and coal products	0	0	3,186	5,914	5,140	3,283	29,934	33,891	39,569	38,958	27,871	26,609
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	2,234	6,114	5,579*	(D)	(D)	(D)	(D)	15,076
Leather and leather products	(D)	(D)	(D)	(D)	286	(D)	0	0	0	0	0	0
Durable goods	185,901	177,667	183,926	217,998	233,653	235,737	408,293	405,465	379,956	483,797	495,563	415,059
Lumber and wood products	2,932	2,766	4,254	6,189	5,477	2,365	15,606	14,625	15,906	16,446	13,485	10,606
Furniture and fixtures	(D)	(D)	(D)	(D)	1,546	2,234	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	20,382	16,282	16,621	22,092	25,633	24,884	(D)	(D)	(D)	18,494	(D)	(D)
Fabricated metal products	17,559	18,248	17,361	20,800	15,844	15,066	46,510	42,360	35,524	34,060	31,954	26,749
Machinery, except electrical	17,652	15,659	10,565	11,576	11,935	9,708	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,611	6,175	7,008
Motor vehicles and equipment	3,613	(D)	(D)	(D)	(D)	(D)	19,198	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	16,167	15,196	16,254	20,263	25,936	26,468	28,376	29,814	32,785	34,550	33,275	35,379
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	8,663	3,330	3,518	3,052*	2,894*	2,628*
Miscellaneous manufacturing industries	629	512	647	786	793	790	7,223	5,402	6,220	8,365	7,535	8,420
Transportation and public utilities	64,864	65,502	64,855	66,421	65,004	69,617	226,621	242,170	247,244	264,390	274,710	269,889
Railroad transportation	32,383	29,818	28,522	28,785	24,922	27,570	40,273	37,822	36,554	44,042	47,985	43,874
Trucking and warehousing	7,928	8,179	8,178	8,794	8,498	8,631	55,777	57,835	56,753	66,826	64,444	64,081
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	18,163*	18,872*	(D)	(D)	(D)
Communication	14,394	15,584	15,708	15,443	16,273	16,590	60,558	68,029	67,702	65,810	67,326	66,668
Electric, gas, and sanitary services	9,294	10,887	11,621	12,381	13,938	14,419	53,049	59,400	66,446	69,324	74,087	74,309
Wholesale trade	25,131	21,007	25,048	26,621	26,916	26,367	216,615	214,172	202,771	217,310	219,820	206,980
Retail trade	67,313	69,342	76,749	85,683	90,790	92,428	275,806	292,781	303,211	320,424	325,856	321,244
Finance, insurance, and real estate	20,575	20,633	23,315	28,495	33,133	35,647	123,571	134,785	153,651	163,870	172,486	181,798
Banking and credit agencies	(D)	10,888	12,336	15,104	17,840	17,510	52,096	59,753	66,807	71,407	77,298	78,264
Other finance, insurance, and real estate[9]	(D)	9,745	10,979	13,391	15,293	18,137	71,475	75,032	86,844	92,463	95,188	103,534
Services	97,550	105,276	114,209	131,766	145,526	153,345	507,024	569,350	627,648	686,055	725,674	757,385
Hotels and other lodging places	2,567	2,469	2,618	(D)	(D)	(D)	15,098	14,863	16,524	17,922	16,018	15,148
Personal services	5,688	6,273	6,825	7,244	8,851	9,052	28,433	33,288	36,200	37,224	41,007	40,238
Private households	1,544	1,708	1,819	2,041	2,076	2,160	24,048	26,147	27,445	30,517	30,657	31,470
Business services	7,489	9,077	10,766	13,975	17,977	19,401	71,053	78,840	89,144	97,332	104,916	111,309
Auto repair, services, and garages	5,070	4,612	6,004	6,889	7,570	7,726	24,561	24,480	26,842	31,189	31,922	31,481
Miscellaneous repair services	1,908	2,256	2,677	2,713	2,341	2,371	12,055	15,238	16,604	18,429	16,542	15,268
Amusement and recreation services	2,047	2,165	2,944	4,071	4,673	4,539	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	338	328	250	(D)	(D)	(D)	(D)	(D)	(D)
Health services	50,457	54,353	56,003	65,206	69,775	74,969	189,712	229,179	253,020	269,464	292,926	311,345
Legal services	4,383	4,667	5,597	6,413	7,146	8,431	30,566	35,456	41,951	49,006	52,850	57,361
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	10,904	12,391	14,025	16,150	16,677	19,281
Social services	2,132	2,247	2,491	2,692	3,032	3,064	11,333	11,894	12,362	13,902	15,766	16,753
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	4,109	4,499	4,846	4,891	5,135	5,342	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	5,055	5,464	5,686	6,785	7,681	7,649	54,740	49,770	53,048	60,155	61,015	60,140
Government and government enterprises	65,882	72,997	79,316	84,175	90,536	97,428	460,638	505,813	535,428	566,625	607,098	641,998
Federal, civilian	5,859	6,065	6,602	6,728	7,122	7,183	87,538	92,012	97,981	105,110	109,403	110,291
Military	1,146	1,485	1,575	1,567	1,753	1,879	98,874	115,385	121,244	122,597	125,799	142,830
State and local	58,877	65,447	71,139	75,880	81,661	88,366	274,226	298,416	316,203	338,918	371,896	388,877

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Sioux City, IA—NE (MSA)						Sioux Falls, SD (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,265,387**	**1,273,884**	**1,311,248**	**1,377,300**	**1,436,629**	**1,492,866**	**1,223,547**	**1,292,310**	**1,374,890**	**1,495,450**	**1,589,709**	**1,677,483**
Nonfarm personal income	1,219,317	1,252,092	1,314,990	1,354,805	1,414,722	1,455,962	1,191,502	1,273,393	1,370,532	1,479,500	1,555,560	1,645,621
Farm income[1]	46,070	21,792	−3,742	22,495	21,907	36,904	32,045	18,917	4,358	15,950	34,149	31,862
Population (thousands)[2]	118.3	117.7	117.5	117.6	117.0	115.9	110.5	112.3	115.0	118.5	121.5	122.7
Per capita personal income (dollars)	**10,696**	**10,819**	**11,163**	**11,714**	**12,274**	**12,880**	**11,074**	**11,509**	**11,954**	**12,615**	**13,084**	**13,675**
Derivation of total personal income:												
Total earnings by place of work	980,190	946,836	968,591	1,026,656	1,065,414	1,112,870	1,012,158	1,046,337	1,119,693	1,229,030	1,313,158	1,386,366
Less: Personal contributions for social insurance[3]	57,253	60,721	61,860	64,785	71,151	74,021	66,103	71,654	75,046	82,270	91,514	97,943
Plus: Adjustment for residence	−55,358	−53,779	−54,671	−55,858	−55,444	−63,635	−56,922	−58,611	−63,155	−67,334	−69,801	−71,131
Equals: Net earnings by place of residence	867,579	832,336	852,060	906,013	938,819	975,214	889,133	916,072	981,492	1,079,426	1,151,843	1,217,292
Plus: Dividends, interest, and rent[5]	211,717	234,246	238,721	245,316	253,681	261,322	192,435	216,772	223,020	235,885	246,732	257,585
Plus: Transfer payments	186,091	207,302	220,467	225,971	244,129	256,330	141,979	159,466	170,378	180,139	191,134	202,606
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	746,194	733,025	761,710	779,897	810,263	828,218	793,017	833,449	899,846	975,316	1,026,569	1,083,135
Other labor income	77,231	79,193	83,175	80,283	82,204	83,864	74,891	84,290	91,620	95,412	97,916	102,856
Proprietors' income[6]	156,765	134,618	123,706	166,476	172,947	200,788	144,250	128,598	128,227	158,302	188,673	200,375
Farm	41,702	17,353	−8,010	18,339	17,700	32,656	29,810	16,504	2,034	13,662	31,828	29,536
Nonfarm	115,063	117,265	131,716	148,137	155,247	168,132	114,440	112,094	126,193	144,640	156,845	170,839
Earnings by industry:												
Farm	46,070	21,792	−3,742	22,495	21,907	36,904	32,045	18,917	4,358	15,950	34,149	31,862
Nonfarm	934,120	925,044	972,333	1,004,161	1,043,507	1,075,966	980,113	1,027,420	1,115,335	1,213,080	1,279,009	1,354,504
Private	833,537	821,069	862,151	890,003	924,317	952,542	873,852	914,185	994,058	1,084,068	1,143,824	1,211,710
Agricultural services, forestry, fisheries, and other[7]	12,588	16,171	19,929	17,877	12,682	14,093	9,391	10,414	12,546	11,533	8,938	9,831
Agricultural services	12,541	16,170	19,798	17,758	12,571	13,961	9,304	10,361	12,293	11,420	8,557	9,423
Forestry, fisheries, and other[7]	(L)	(L)	131	119	111	132	87	53	253	113	381	408
Mining	2,918	2,637	2,205	2,169	3,005	2,743	4,390	4,654	4,446	3,772	4,557	4,511
Coal mining	0	0	0	0	0	0	0	0	0	0	0	0
Oil and gas extraction	(D)	2,303*	1,822*	1,814*	2,571*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	(D)	195*	248*	205*	226*	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	68,109	60,995	55,692	61,765	62,247	69,309	58,510	55,770	61,958	75,029	76,649	78,040
Manufacturing	237,752	213,501	231,596	227,162	242,116	239,145	168,088	173,220	186,744	191,489	175,717	197,143
Nondurable goods	190,143	172,326	183,630	172,285	184,998	180,245	129,908	133,555	137,536	129,631	120,262	137,132
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	107,565	109,919	110,730	100,736	88,262	104,181
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	76	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)	5,412	2,689	(D)	(D)	3,669	(D)	(D)
Printing and publishing	5,299	5,359	5,720	5,992	6,586	6,408*	9,630	9,998	10,815	11,569	12,572	13,863
Chemicals and allied products	16,791*	15,341*	14,871*	15,223*	17,731*	19,421	2,845	(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)	(D)	(D)	(D)	241	818	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	47,609	41,175	47,966	54,877	57,118	58,900	38,180	39,665	49,208	61,858	55,455	60,011
Lumber and wood products	553	779	1,248	(D)	(D)	(D)	3,454	2,603	3,322	4,198	4,529	5,731
Furniture and fixtures	0	0	0	0	0	0	441	(D)	(D)	875	1,097	1,475
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Fabricated metal products	6,892*	7,460*	6,875*	6,968*	7,371*	7,705*	11,131	11,323	11,531	10,338	10,654	11,703
Machinery, except electrical	21,742*	17,140*	15,854*	18,373*	19,364*	18,417*	5,034	5,781	7,129	8,858	8,563	9,491
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	169	982
Motor vehicles and equipment	7,886	6,342	14,644	18,029	21,093	23,218	278	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	3,171*	(D)	6,896	6,450	6,712	7,302	7,398	7,848
Instruments and related products	750	694	766	550	509	456	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	920	842	976	1,276	1,240	1,430
Transportation and public utilities	95,878	98,021	99,964	102,180	102,355	99,823	125,647	126,751	125,901	141,254	147,779	151,859
Railroad transportation	14,640*	15,284	15,740	15,915	13,380	8,578	3,981	3,869	4,009	4,655	4,384	4,336
Trucking and warehousing	32,238	30,028	31,069	33,723	34,344	36,345	(D)	(D)	(D)	(D)	(D)	(D)
Water transportation	(L)	−55	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	17,425	19,044	17,555	15,572	17,611	17,125	33,654	34,560	35,023	34,414	36,162	35,025
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	7,841	6,652	6,057	8,137	11,073	11,175
Wholesale trade	72,412	70,675	67,213	67,886	68,407	70,287	104,788	102,461	103,074	110,750	112,477	112,378
Retail trade	94,712	94,648	101,779	107,044	106,447	108,649	113,612	115,589	128,542	138,685	148,278	147,738
Finance, insurance, and real estate	55,647	54,838	55,077	56,654	60,873	66,918	66,281	75,973	93,873	108,386	129,334	141,105
Banking and credit agencies	25,275	25,871	21,013	(D)	(D)	21,261	24,650	33,417	42,630	53,106	70,372	75,282
Other finance, insurance, and real estate[9]	30,372	28,967	34,064	(D)	(D)	45,657	41,631	42,556	51,243	55,280	58,962	65,823
Services	193,521	209,583	228,696	247,266	266,185	281,575	223,145	249,353	276,974	303,170	340,095	369,105
Hotels and other lodging places	4,986	(D)	(D)	(D)	(D)	(D)	5,096	5,632	6,235	6,859	7,776	7,857
Personal services	9,152	9,723	10,908	12,856	15,178	15,560	12,662	14,409	15,816	16,090	18,796	19,943
Private households	2,486	2,651	2,749	3,048	3,032	3,080	2,070	2,243	2,335	2,593	2,620	2,685
Business services	30,836	34,173	37,518	42,078	48,498	53,221	29,527	33,390	36,548	41,207	54,041	57,059
Auto repair, services, and garages	8,367	7,601	8,421	9,925	10,849	11,374	7,664	7,743	8,889	10,073	10,560	11,500
Miscellaneous repair services	2,852	3,588	4,075	4,752	4,359	5,673	3,649	3,960	4,631	5,543	5,305	5,361
Amusement and recreation services	2,952	2,769	2,796	3,027	3,750	3,667	3,202	3,307	3,964	4,309	5,030	5,414
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	562	578	567	609	644	(D)
Health services	90,819	101,189	110,563	113,578	117,499	122,988	104,370	124,232	139,378	149,490	161,821	172,788
Legal services	10,217	11,187	13,396	16,524	18,253	19,704	9,508	10,584	11,582	14,040	15,750	17,244
Educational services	7,794*	8,391	8,755	9,472	10,076	10,641	(D)	(D)	(D)	(D)	(D)	18,864
Social services	5,896*	6,350*	6,061*	6,498*	7,913*	8,631*	7,967	8,297	8,946	10,215	11,480	16,830
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	(D)	7,070	7,251	7,656	7,699	7,714	8,727	8,587	8,946	9,541	10,355	11,250
Miscellaneous services	9,915	9,505	10,634	12,071	14,130	14,390	14,777	12,381	13,807	15,903	18,123	21,636
Government and government enterprises	100,583	103,975	110,182	114,158	119,190	123,424	106,261	113,235	121,277	129,012	135,185	142,794
Federal, civilian	21,108	21,797	23,313	24,146	25,673	25,219	41,548	43,743	47,116	50,173	50,798	53,158
Military	1,606	1,879	2,235	2,143	2,209	2,524	2,917	3,504	4,159	4,140	4,371	4,882
State and local	77,869	80,299	84,634	87,869	91,308	95,681	61,796	65,988	70,002	74,699	80,016	84,754

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	South Bend—Mishawaka, IN (MSA)						Spokane, WA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,508,899**	**2,601,717**	**2,744,591**	**3,017,386**	**3,150,539**	**3,376,766**	**3,532,567**	**3,640,625**	**3,904,834**	**4,203,909**	**4,399,316**	**4,654,530**
Nonfarm personal income	2,504,915	2,596,157	2,747,325	3,008,842	3,146,248	3,366,137	3,494,952	3,612,595	3,863,192	4,171,851	4,370,859	4,613,599
Farm income[1]	3,984	5,560	−2,734	8,544	4,291	10,629	37,615	28,030	41,642	32,058	28,457	40,931
Population (thousands)[2]	241.0	239.8	239.3	240.6	241.5	241.4	347.4	347.9	348.6	354.1	356.7	356.9
Per capita personal income (dollars)	**10,408**	**10,850**	**11,470**	**12,540**	**13,047**	**13,986**	**10,169**	**10,463**	**11,200**	**11,873**	**12,333**	**13,041**
Derivation of total personal income:												
Total earnings by place of work	1,822,260	1,867,216	1,936,327	2,149,131	2,262,370	2,407,193	2,523,242	2,522,649	2,712,176	2,934,390	3,051,695	3,228,244
Less: Personal contributions for social insurance[3]	104,119	110,966	111,156	124,316	137,692	147,595	136,185	143,349	155,880	170,109	184,552	195,464
Plus: Adjustment for residence	24,344	33,198	55,396	70,492	60,969	101,585	−57,663	−58,711	−64,855	−67,815	−75,034	−70,635
Equals: Net earnings by place of residence	1,742,485	1,789,448	1,880,567	2,095,307	2,185,647	2,361,183	2,329,394	2,320,589	2,491,441	2,696,466	2,792,109	2,962,145
Plus: Dividends, interest, and rent[4]	427,891	437,141	462,839	510,286	532,987	556,626	584,619	630,685	685,438	745,142	780,690	828,067
Plus: Transfer payments	338,523	375,128	401,185	411,793	431,905	458,957	618,554	689,351	727,955	762,301	826,517	864,318
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,523,441	1,562,023	1,613,570	1,786,896	1,881,196	1,992,170	2,091,173	2,099,565	2,233,492	2,425,926	2,524,404	2,646,440
Other labor income	160,526	174,287	179,877	189,343	192,786	200,652	177,761	187,458	201,248	211,478	212,249	221,914
Proprietors' income[6]	138,293	130,906	142,880	172,892	188,388	214,371	254,308	235,626	277,436	296,986	315,042	359,890
Farm	1,552	2,696	−5,501	5,816	1,525	7,843	32,536	22,113	35,921	26,402	22,737	35,197
Nonfarm	136,741	128,210	148,381	167,076	186,863	206,528	221,772	213,513	241,515	270,584	292,305	324,693
Earnings by industry:												
Farm	3,984	5,560	−2,734	8,544	4,291	10,629	37,615	28,030	41,642	32,058	28,457	40,931
Nonfarm	1,818,276	1,861,656	1,939,061	2,140,587	2,258,079	2,396,564	2,485,627	2,494,619	2,670,534	2,902,332	3,023,238	3,187,313
Private	1,648,273	1,681,505	1,751,371	1,943,252	2,047,636	2,170,353	2,034,745	2,022,641	2,158,027	2,355,178	2,436,731	2,578,341
Agricultural services, forestry, fisheries, and other[7]	4,480	4,916	6,059	7,047	6,197	6,649	7,182	6,319	8,360	8,387	7,501	8,573
Agricultural services	4,450	4,905	5,987	7,016	6,120	6,561	6,849	6,320	7,367	7,742	6,867	7,783
Forestry, fisheries, and other[7]	(L)	(L)	72	(L)	77	88	333	(L)	993	645	634	790
Mining	5,195	3,895	3,751	3,848	5,463	5,456	16,179	14,101	11,994	12,845	15,100	16,588
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	7,355	6,116	5,077	5,348	8,216	8,352
Metal mining	0	0	0	0	0	0	6,494	5,734	4,711	4,577	3,935	4,460
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,322	2,243	2,196	2,901	2,929	3,755
Construction	117,218	99,354	102,707	130,311	132,822	148,346	183,840	156,529	181,314	214,844	200,665	197,517
Manufacturing	619,294	637,261	624,990	685,291	694,061	696,183	398,551	397,282	420,714	457,510	433,336	472,126
Nondurable goods	128,835	138,220	156,576	188,600	197,498	180,663	82,588	85,077	88,269	89,342	87,486	100,387
Food and kindred products	11,876	11,860	12,858	14,906	15,837	17,591	33,135	33,321	35,793	34,852	30,435	37,906
Textile mill products	0	0	0	0	0	0	(L)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	2,688	1,963	1,764	1,631	1,404	(D)	4,092	5,630	5,102	5,237	5,320	5,590
Paper and allied products	6,066	6,597	7,698	8,888	8,806	9,698	4,792	4,996	5,363	6,053	6,782	8,728
Printing and publishing	18,789	20,266	22,153	23,896	25,826	26,422	24,776	26,230	27,695	29,307	30,940	34,065
Chemicals and allied products	17,505	18,164	20,731	28,712	33,882	14,738	11,694	11,191	10,601	9,404	9,237	8,849
Petroleum and coal products	0	0	0	0	0	0	(D)	0	0	0	0	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	69,268	76,375	87,835	105,655	107,964	107,217	2,292	(D)	(D)	2,804	2,651	2,863
Leather and leather products	2,643	2,995	3,537	4,912	3,779	(D)	(D)	1,388	1,397	(D)	(D)	(D)
Durable goods	490,459	499,041	468,414	496,691	496,563	515,520	315,963	312,205	332,445	368,168	345,850	371,739
Lumber and wood products	4,481	4,397	5,838	6,811	7,709	7,820	15,797	13,420	17,632	18,562	19,458	19,711
Furniture and fixtures	354	393	691	1,478	2,512	1,465	3,220	2,788	3,483	4,013	4,557	4,540
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	161,565	129,382	117,453	125,906	102,425	98,696
Fabricated metal products	29,843	32,551	32,362	40,958	41,092	48,252	21,636	20,138	20,996	21,535	20,063	20,909
Machinery, except electrical	175,725	148,264	105,711	103,223	107,456	111,717	46,690	75,344	87,636	97,084	91,784	117,438
Electric and electronic equipment	26,979	24,308	28,294	35,973	36,457	39,328	12,908	14,119	13,350	15,528	17,184	16,885
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	5,742	7,465	11,203	12,917	14,158	17,924
Motor vehicles and equipment	107,830	140,609	154,408	167,321	157,863	135,063	6,877	4,419	4,891	(D)	(D)	(D)
Stone, clay, and glass products	6,309	5,643	6,075	6,994	7,572	8,132	13,792	11,263	15,062	17,508	20,774	17,722
Instruments and related products	1,546	1,370	1,993	2,422	2,363	19,353	14,286	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	4,250	3,190	2,975	3,952	4,462	5,077	13,450	(D)	(D)	14,599	13,755	13,685
Transportation and public utilities	114,364	119,840	124,197	129,180	136,121	146,722	211,671	208,656	206,402	221,309	225,802	230,332
Railroad transportation	1,828	2,304	2,909	2,860	2,489	2,538	55,305	52,438	51,740	55,074	50,705	48,858
Trucking and warehousing	58,726	58,460	62,736	66,093	67,524	75,452	45,703	42,243	43,171	52,004	52,071	54,600
Water transportation	(L)	(L)	(L)	(L)	(L)	0	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	6,597	7,571	8,056	10,764	13,565	14,584	(D)	(D)	(D)	(D)	(D)	(D)
Communication	29,043	31,171	30,650	29,033	30,910	33,012	49,956	52,014	52,260	51,377	52,675	53,568
Electric, gas, and sanitary services	18,172	20,342	19,850	20,435	21,636	21,136	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	138,877	134,426	139,532	154,467	165,117	174,248	233,188	236,129	234,016	249,076	266,233	273,187
Retail trade	183,771	182,474	203,088	219,533	231,592	248,090	296,524	301,822	334,308	357,144	371,326	384,414
Finance, insurance, and real estate	84,932	83,536	94,812	101,589	112,038	128,872	147,000	155,873	173,498	179,580	198,827	236,802
Banking and credit agencies	42,395	43,167	45,825	50,895	55,944	62,025	64,464	74,598	78,808	82,526	90,001	96,693
Other finance, insurance, and real estate[9]	42,537	40,369	48,987	50,694	56,094	66,847	82,536	81,275	94,690	97,054	108,826	140,109
Services	380,142	415,803	452,235	511,986	564,225	615,787	540,610	545,930	587,421	654,483	717,941	758,802
Hotels and other lodging places	5,281	7,772	7,693	7,960	8,661	8,621	17,747	15,310	19,644	18,952	16,588	18,044
Personal services	19,389	20,078	21,661	23,105	27,225	29,628	29,280	31,803	33,829	35,522	40,744	43,490
Private households	4,036	4,299	4,445	4,929	4,931	5,051	(D)	(D)	(D)	(D)	(D)	(D)
Business services	46,616	51,845	58,784	70,017	85,893	94,628	63,126	59,801	66,699	82,529	98,387	98,748
Auto repair, services, and garages	13,913	14,677	16,731	23,630	27,201	29,348	28,080	28,687	32,097	38,816	40,350	42,038
Miscellaneous repair services	10,515	12,243	13,435	16,316	14,722	15,386	12,271	13,243	16,048	19,113	17,789	16,883
Amusement and recreation services	4,028	3,847	4,187	4,991	5,774	6,029	9,603	10,823	12,166	13,900	15,202	16,020
Motion pictures	1,457	1,574	1,495	1,593	1,564	1,427	1,438	1,730	2,411	2,099	2,570	3,009
Health services	137,644	154,854	166,764	183,899	199,382	221,181	231,389	237,849	247,606	264,773	294,641	320,602
Legal services	14,241	14,328	15,697	18,686	20,460	22,748	31,198	33,210	37,223	44,737	49,552	57,418
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	22,085	26,067	28,805	30,824	31,315	31,897
Social services	14,488	14,004	14,209	15,682	16,926	18,574	12,704	13,521	14,686	15,984	17,446	19,827
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	17,164	18,126	18,874	19,121	19,060	18,787	28,613	30,957	31,756	33,583	34,545	31,180
Miscellaneous services	34,285	31,698	32,956	38,483	44,332	47,651	46,652	36,016	37,312	45,599	50,672	51,325
Government and government enterprises	170,003	180,151	187,690	197,335	210,443	226,211	450,882	471,978	512,507	547,154	586,507	608,972
Federal, civilian	26,135	26,828	28,486	30,606	33,139	34,317	92,061	96,767	105,262	108,359	113,770	112,667
Military	5,090	6,009	7,108	7,266	7,955	8,892	71,810	78,672	88,144	95,224	98,292	102,255
State and local	138,778	147,314	152,096	159,463	169,349	183,002	287,011	296,539	319,101	343,571	374,445	394,050

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Springfield, IL (MSA)						Springfield, MO (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,133,400**	**2,244,062**	**2,321,798**	**2,530,594**	**2,678,874**	**2,852,867**	**1,999,993**	**2,144,204**	**2,324,689**	**2,554,357**	**2,733,235**	**2,914,910**
Nonfarm personal income	2,057,876	2,196,414	2,313,530	2,472,996	2,610,102	2,793,228	1,975,263	2,131,811	2,314,322	2,540,244	2,718,879	2,897,958
Farm income[1]	75,524	47,648	8,268	57,598	68,772	59,639	24,730	12,393	10,367	14,113	14,356	16,952
Population (thousands)[2]	188.2	187.9	189.2	189.9	190.4	190.6	209.1	210.0	213.3	217.0	221.3	225.3
Per capita personal income (dollars)	**11,335**	**11,940**	**12,270**	**13,329**	**14,068**	**14,966**	**9,563**	**10,213**	**10,898**	**11,773**	**12,352**	**12,935**
Derivation of total personal income:												
Total earnings by place of work	1,607,853	1,665,226	1,707,693	1,874,302	2,000,566	2,166,217	1,539,095	1,632,428	1,770,076	1,961,171	2,106,639	2,268,538
Less: Personal contributions for social insurance[3]	93,384	100,752	104,007	111,006	122,390	133,109	88,622	97,883	103,207	115,367	130,115	141,121
Plus: Adjustment for residence	−68,056	−73,505	−80,162	−75,441	−77,353	−103,340	−117,272	−122,972	−131,193	−136,953	−143,517	−161,551
Equals: Net earnings by place of residence	1,446,413	1,490,969	1,523,524	1,687,855	1,800,823	1,929,768	1,333,201	1,411,573	1,535,676	1,708,851	1,833,007	1,965,866
Plus: Dividends, interest, and rent[5]	358,903	395,453	416,945	447,267	456,173	480,904	360,343	400,926	430,041	478,131	508,166	529,929
Plus: Transfer payments	328,084	357,640	381,329	395,472	421,878	442,195	306,449	331,705	358,972	367,375	392,062	419,115
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,284,099	1,355,968	1,397,362	1,492,015	1,585,032	1,724,648	1,228,566	1,310,608	1,406,135	1,551,096	1,664,662	1,784,980
Other labor income	107,706	119,941	125,273	128,981	134,689	147,126	111,563	126,252	136,120	144,922	154,216	165,139
Proprietors' income[6]	216,048	189,317	185,058	253,306	280,845	294,443	198,966	195,568	227,821	265,153	287,761	318,419
Farm	67,614	38,812	−215	49,290	60,281	51,074	21,366	9,127	7,204	10,983	11,198	13,779
Nonfarm	148,434	150,505	185,273	204,016	220,564	243,369	177,600	186,441	220,617	254,170	276,563	304,640
Earnings by industry:												
Farm	75,524	47,648	8,268	57,598	68,772	59,639	24,730	12,393	10,367	14,113	14,356	16,952
Nonfarm	1,532,329	1,617,578	1,699,425	1,816,704	1,931,794	2,106,578	1,514,365	1,620,035	1,759,709	1,947,058	2,092,283	2,251,586
Private	1,084,967	1,134,209	1,208,793	1,287,218	1,369,688	1,506,536	1,325,183	1,418,673	1,544,431	1,712,888	1,843,822	1,985,473
Agricultural services, forestry, fisheries, and other[7]	4,237	4,914	6,499	6,125	4,887	5,581	16,060	17,448	19,705	17,315	12,841	14,779
Agricultural services	4,137	4,952	6,160	5,825	4,737	5,388	15,955	17,484	19,373	16,952	12,657	14,539
Forestry, fisheries, and other[7]	100	(L)	339	300	150	193	105	(L)	332	363	184	240
Mining	8,330	5,856	5,091	5,132	6,561	6,285	4,925	4,913	4,157	4,538	6,049	6,297
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	78	54	65	142	153	157
Oil and gas extraction	7,110*	4,698*	3,730*	3,661*	5,091*	4,845*	3,166	3,113	2,379	2,456	3,612	3,630
Metal mining	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	673	587	700	724	683	755	(D)	(D)	(D)	(D)	(D)	(D)
Construction	85,912	86,866	98,804	115,728	110,431	122,442	77,319	84,120	91,402	111,018	131,437	145,750
Manufacturing	148,122	141,653	118,214	115,604	115,221	102,001	334,206	343,263	373,695	412,351	432,842	467,685
Nondurable goods	44,906*	51,803	56,916	56,480	61,729	60,108*	168,675	169,457	185,058	196,792	209,150	227,043
Food and kindred products	20,275*	24,926*	28,804*	26,651*	27,601*	27,022*	81,654	84,973	87,367	90,057	95,736	109,772
Textile mill products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	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)	(L)	0	0	0	0	30,659	33,889*	39,170*	39,879*	(D)	(D)
Printing and publishing	13,650*	14,188*	14,755*	15,710*	18,591*	19,208*	14,712*	16,715	17,832	19,696	21,620	23,347
Chemicals and allied products	(D)	(D)	(D)	(D)	11,880	11,195	8,412	9,070	10,686	11,402	12,777	14,645*
Petroleum and coal products	0	0	0	(D)	293	241	(D)	(D)	(D)	(D)	158	190
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,979	1,726	1,921	2,244	2,457	1,791	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	0	0	0	(D)	(D)	0
Durable goods	99,498*	89,850	61,298	59,124	53,492	39,930*	165,531	173,806	188,637	215,559	223,692	240,642
Lumber and wood products	1,518	1,524	1,486	1,609	1,404	1,638	6,549	6,045	7,015	8,070	9,116	11,001
Furniture and fixtures	(D)	1,101	1,140	1,162	(D)	(D)	4,639*	4,781*	5,209*	5,768*	6,335*	6,919*
Primary metal industries	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	3,975	3,988	3,214	3,296	3,221	874	11,645*	13,272*	11,507*	12,831*	16,063*	18,003*
Machinery, except electrical	(D)	(D)	(D)	(D)	18,613	5,032	37,717	34,889*	34,799*	36,963	41,372	44,825
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	14,483*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	0	(D)	(D)	0	0	0	1,166	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	0	14,467	(D)	15,515*	20,692*	21,541*	22,489*
Stone, clay, and glass products	2,480*	2,402*	2,256*	2,535*	2,175*	2,913	6,065*	5,642*	6,176*	7,891*	9,359*	13,811
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	174*	832	1,284	1,501
Miscellaneous manufacturing industries	414	430	479	(D)	602	736	1,775*	2,081*	(D)	3,427*	3,867*	4,443
Transportation and public utilities	116,664	122,070	122,247	131,995	145,921	184,896	174,916	191,451	185,302	200,329	199,353	202,353
Railroad transportation	4,995	4,934	5,020	4,689	(D)	(D)	67,152	64,033	62,623	63,313	54,198	50,507
Trucking and warehousing	17,408	17,849	17,907	19,946	30,027	35,432	60,350	78,811	75,528	87,759	91,204	91,598
Water transportation	−57	−152	−91	−108	−55	(L)	(D)	(D)	(D)	(D)	(D)	0
Other transportation[8]	(D)	(D)	(D)	6,946*	(D)	(D)	(D)	7,314*	7,206*	8,206*	(D)	13,787*
Communication	(D)	(D)	(D)	65,893*	67,509*	101,803*	35,185*	37,074	35,150	34,353*	36,179*	37,399*
Electric, gas, and sanitary services	28,913*	32,742	33,845	34,510	37,294	37,027	4,318*	(D)	(D)	(D)	7,148	7,910
Wholesale trade	96,311	95,877	92,587	98,555	98,471	101,501	145,098	146,928	153,364	168,217	182,049	187,188
Retail trade	151,722	158,977	172,853	177,427	188,430	205,102	188,305	202,522	221,656	242,275	259,419	273,011
Finance, insurance, and real estate	114,377	126,638	153,757	158,586	165,846	185,566	59,630	61,606	72,012	83,607	91,926	108,088
Banking and credit agencies	30,352*	(D)	(D)	44,026*	46,307	53,270	21,989*	23,995*	26,678*	31,826	34,404	38,325
Other finance, insurance, and real estate[9]	81,939*	(D)	(D)	112,275*	119,539	132,296	35,281*	35,372*	42,280*	51,781	57,522	69,763
Services	359,292	391,358	438,741	478,066	533,920	593,162	324,724	366,422	423,138	473,238	527,906	580,322
Hotels and other lodging places	11,814*	12,066*	9,935*	10,393*	13,244*	16,360*	(D)	7,044	8,263	8,496*	10,601*	11,341
Personal services	18,812	20,584	22,809	24,193	29,831	32,780	16,703	20,433	22,833	25,337	30,758	33,394
Private households	6,135	6,552	6,802	7,553	7,565	7,752	4,814	5,128	5,334	5,937	5,972	6,144
Business services	39,457	45,644	59,895	72,507	89,053	104,285	43,320	53,573	66,176	77,658	93,472	99,552
Auto repair, services, and garages	11,942	11,394	12,680	14,121	15,160	16,518	17,951	20,744	24,858	29,826	32,487	37,293
Miscellaneous repair services	3,179	(D)	(D)	(D)	(D)	(D)	5,618	5,685	7,786	9,360	7,257	7,828
Amusement and recreation services	(D)	3,666*	4,549*	6,460	7,370	7,605	3,917*	4,054	4,339	5,255	5,824	6,310
Motion pictures	1,858	1,995	2,177	2,386	2,809	3,746	415	712	685	843	829	826
Health services	168,639	191,829	211,596	222,707	235,279	254,486	149,779	175,876	201,455	216,584	234,271	261,126
Legal services	16,405	17,568	22,477	23,882	27,213	30,923	14,519	17,293	19,966	25,840	31,043	34,232
Educational services	4,904	6,154	6,113	6,821	7,645	8,480	(D)	(D)	(D)	(D)	(D)	(D)
Social services	10,389*	10,306*	12,008*	15,640*	21,167*	25,430*	7,746*	7,705	8,428	9,295	9,363	9,438
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	32,258	33,374	33,990	34,103	37,242	39,530	10,910*	11,942	12,904	12,475*	13,002*	14,542
Miscellaneous services	29,576	26,734	29,217	32,694	36,455	41,133	28,205	25,362	28,369	33,285	39,398	44,657
Government and government enterprises	447,362	483,369	490,632	529,486	562,106	600,042	189,182	201,362	215,278	234,170	248,461	266,113
Federal, civilian	49,689	50,942	52,579	57,051	59,719	61,050	38,652	41,110	43,563	46,960	49,963	50,620
Military	3,009	3,086	3,257	3,829	6,176	6,631	4,569	5,274	7,378	8,011	8,545	9,435
State and local	394,664	429,341	434,796	468,606	496,211	532,361	145,961	154,978	164,337	179,199	189,953	206,058

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Springfield, MA (NECMA)						State College, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,065,596**	**6,483,101**	**6,900,619**	**7,541,995**	**8,016,028**	**8,633,474**	**958,902**	**1,024,162**	**1,099,181**	**1,193,228**	**1,263,817**	**1,361,892**
Nonfarm personal income	6,042,501	6,465,076	6,882,760	7,518,984	7,992,882	8,608,349	944,794	1,013,413	1,092,196	1,180,086	1,252,670	1,350,722
Farm income[1]	23,095	18,025	17,859	23,011	23,146	25,125	14,108	10,749	6,985	13,142	11,147	11,170
Population (thousands)[2]	584.0	581.3	581.5	584.2	585.3	586.3	113.8	113.4	114.2	113.3	114.2	114.6
Per capita personal income (dollars)	**10,386**	**11,153**	**11,868**	**12,909**	**13,695**	**14,724**	**8,425**	**9,030**	**9,623**	**10,527**	**11,063**	**11,889**
Derivation of total personal income:												
Total earnings by place of work	3,909,001	4,070,528	4,391,525	4,829,106	5,200,469	5,627,823	744,526	782,780	833,745	925,253	973,701	1,045,597
Less: Personal contributions for social insurance[3]	220,584	230,980	248,891	274,874	306,977	333,051	39,382	43,272	46,121	53,812	56,785	61,221
Plus: Adjustment for residence	278,587	308,374	308,311	344,952	365,408	394,074	−38,796	−35,165	−46,803	−46,972	−51,352	−44,015
Equals: Net earnings by place of residence	3,967,004	4,147,922	4,450,945	4,899,184	5,258,900	5,688,846	666,348	704,343	740,821	824,469	865,564	940,361
Plus: Dividends, interest, and rent[5]	986,731	1,095,089	1,113,336	1,261,435	1,302,287	1,397,499	132,497	142,618	159,125	173,372	187,609	197,055
Plus: Transfer payments	1,111,861	1,240,090	1,336,338	1,381,376	1,454,841	1,547,129	160,057	177,201	199,235	195,387	210,644	224,476
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,272,271	3,410,155	3,638,124	3,996,329	4,301,554	4,641,371	588,581	625,136	663,957	731,518	769,969	828,508
Other labor income	332,081	361,248	391,621	414,625	431,928	458,789	65,025	71,588	76,895	82,717	86,368	89,972
Proprietors' income[6]	304,649	299,125	361,780	418,152	466,987	527,663	90,920	86,056	92,893	111,018	117,364	127,117
Farm	15,657	11,253	11,283	16,540	16,629	18,601	11,902	8,407	4,756	10,965	8,931	8,953
Nonfarm	288,992	287,872	350,497	401,612	450,358	509,062	79,018	77,649	88,137	100,053	108,433	118,164
Earnings by industry:												
Farm	23,095	18,025	17,859	23,011	23,146	25,125	14,108	10,749	6,985	13,142	11,147	11,170
Nonfarm	3,885,906	4,052,503	4,373,666	4,806,095	5,177,323	5,602,698	730,418	772,031	826,760	912,111	962,554	1,034,427
Private	3,219,872	3,353,829	3,624,042	4,014,360	4,290,977	4,662,367	454,846	474,805	510,930	572,980	605,346	651,257
Agricultural services, forestry, fisheries, and other[7]	9,714	10,460	13,483	14,291	16,075	20,043	2,816	2,775	3,793	3,618	3,158	4,121
Agricultural services	(D)	10,427	12,309	13,521	15,234	19,015	2,652	2,817	3,324	3,122	2,874	3,759
Forestry, fisheries, and other[7]	(D)	(L)	1,174	770	841	1,028	164	(L)	469	496	284	362
Mining	14,195	14,389	11,420	12,292	17,043	18,530	17,074	16,752	14,386	16,134	12,767	10,953
Coal mining	(L)	(D)	(D)	(D)	(D)	(D)	14,250	14,465	11,404	12,746	9,470	8,583
Oil and gas extraction	(D)	11,307	8,034	8,636	12,417	13,002	1,877	1,390	1,813	2,335	2,730	2,506
Metal mining	0	0	0	0	0	0	0	(L)	0	0	0	0
Nonmetallic minerals, except fuels	2,724*	3,029*	3,316*	3,586*	4,508*	5,485*	947	900	1,169	1,053	567	−136
Construction	178,320	187,890	213,350	250,597	290,847	343,886	37,323	34,705	40,737	44,867	50,268	56,306
Manufacturing	1,231,284	1,221,431	1,260,270	1,387,647	1,402,167	1,428,418	132,854	136,691	141,887	162,282	164,115	164,963
Nondurable goods	516,923	529,297	574,021	624,890	636,030	653,225	30,517	31,854	35,350	40,191	42,660	44,364
Food and kindred products	42,083	(D)	(D)	(D)	(D)	59,746	(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)	18,563	20,775	21,371	17,614	15,313	10,599	10,883	12,738	14,770	14,532	13,856
Paper and allied products	161,349	168,653	183,088	201,327	207,173	220,096	0	0	0	0	0	0
Printing and publishing	96,540	99,365	109,536	117,093	124,754	138,377	7,180	8,133	8,864	9,978	11,521	12,899
Chemicals and allied products	93,501	92,361	91,469	98,920	102,544	96,377	4,699	4,451	4,039	5,113	6,053	6,394
Petroleum and coal products	3,641	4,082*	4,363*	4,442*	5,545*	4,059	0	(L)	0	0	0	0
Tobacco manufactures	0	0	0	0	0	0	5,513	5,676	6,904	7,013	6,763	6,795
Rubber and misc. plastic products	49,843	54,332	66,868	73,053	70,524	75,186	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	714,361	692,134	686,249	762,757	766,137	775,193	102,337	104,837	106,537	122,091	121,455	120,599
Lumber and wood products	13,325	(D)	(D)	(D)	(D)	(D)	5,156	4,362	2,696	1,160	1,348	959
Furniture and fixtures	(D)	6,276	6,083	6,900	6,320*	8,674	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	47,099	40,600	42,186	49,067	48,934	51,945	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	191,100	188,906	179,065	193,952	186,225	184,959	0	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	192,025	179,551*	176,719*	199,998*	221,010	221,146	13,001	13,473	14,164	14,432	15,629	15,562
Electric and electronic equipment	53,692*	55,031*	60,266*	74,777*	75,729*	83,061	21,246	23,197	20,652	25,799	23,930	22,988
Transportation equip. exc. motor vehicles	22,334	24,278*	23,441*	24,521*	21,496*	25,985*	0	0	0	0	0	0
Motor vehicles and equipment	41,087	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Stone, clay, and glass products	12,047*	10,239*	(D)	(D)	(D)	15,609*	30,463	29,486	31,554	36,967	37,548	38,852
Instruments and related products	20,396	22,854*	(D)	(D)	(D)	(D)	8,179	9,960	12,602	13,959	15,244	15,596
Miscellaneous manufacturing industries	(D)	104,725	95,793	101,916	102,755	111,531	(D)	217	164	189	193	193
Transportation and public utilities	221,107	236,553	252,589	260,432	277,968	284,755	33,499	35,634	37,994	43,483	42,379	43,723
Railroad transportation	10,334	9,848	9,751	12,223	12,949	11,917	1,652	(D)	(D)	1,186	936	426
Trucking and warehousing	70,324	69,609	77,748	87,691	92,872	91,730	16,926	17,673	18,902	23,803	22,622	23,446
Water transportation	−112	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	0
Other transportation[8]	(D)	37,236	39,761	(D)	(D)	(D)	2,519	3,045	3,233	(D)	(D)	(D)
Communication	(D)	(D)	(D)	70,237	72,892	75,378	7,953	9,176	10,241	9,970	9,954	10,457
Electric, gas, and sanitary services	37,506	41,153	44,001	50,006	56,902	63,077	4,451	(D)	(D)	(D)	(D)	(D)
Wholesale trade	204,390	218,884	219,475	257,314	259,840	290,321	19,599	19,057	18,478	20,298	19,511	17,717
Retail trade	383,450	396,336	446,572	490,539	540,814	605,411	75,727	77,660	84,970	87,215	88,167	96,206
Finance, insurance, and real estate	228,773	235,340	273,738	291,846	321,826	377,024	22,999	23,711	26,139	27,664	30,897	37,594
Banking and credit agencies	68,063	77,034	82,576	87,116	(D)	(D)	10,523	11,707	12,459	13,074	14,520	16,763
Other finance, insurance, and real estate[9]	160,710	158,306	191,162	204,730	213,341*	252,362*	12,476	12,004	13,680	14,590	16,377	20,831
Services	748,639	832,546	933,145	1,049,402	1,164,397	1,293,979	112,955	127,820	142,546	167,419	194,084	219,674
Hotels and other lodging places	13,378	14,812	16,234	17,233	18,124	19,419	4,953	5,310	5,483	5,555	5,979	6,907
Personal services	34,645	38,607	45,137	49,255	59,704	64,128	5,155	6,317	7,239	7,807	9,701	10,760
Private households	7,496	7,973	8,281	9,196	9,236	9,465	1,165	1,240	1,285	1,418	1,415	1,448
Business services	75,000	86,440	107,597	124,865	146,399	165,488	40,124	49,546	56,757	68,426	81,497	96,460
Auto repair, services, and garages	32,490	35,134	40,457	47,910	54,099	63,076	6,422	5,319	5,608	6,398	7,047	7,385
Miscellaneous repair services	11,710	12,590	15,388	17,084	18,097	20,579	1,121	(D)	(D)	2,543	1,995	1,918
Amusement and recreation services	13,852	(D)	(D)	(D)	(D)	(D)	1,317	1,593	1,907	2,068	2,405	2,578
Motion pictures	(D)	2,743	3,002	2,959	3,134	3,252	137	(D)	(D)	224	369	418
Health services	312,382	351,152	380,029	419,459	457,522	501,611	28,490	32,787	35,745	42,513	49,595	54,622
Legal services	35,048	43,783	49,694	63,099	70,004	80,881	3,757	4,102	4,557	4,932	5,508	6,110
Educational services	94,229	102,428	116,052	125,503	130,494	143,147	1,492	1,755	2,108	2,570	2,683	2,916
Social services	41,537	48,207	53,338	62,641	73,474	83,212	3,069	3,220	3,488	3,783	4,348	4,932
Museums, botanical, zoological gardens	340*	368*	419*	469*	662*	803*	0	0	0	0	0	0
Membership organizations	(D)	34,735	37,753	39,181	41,649	44,024	6,307	6,998	7,580	8,167	8,529	8,883
Miscellaneous services	40,953	39,162	44,256	52,908	62,314	74,273	9,446	8,097	8,641	11,015	13,013	14,337
Government and government enterprises	666,034	698,674	749,624	791,735	886,346	940,331	275,572	297,226	315,830	339,131	357,208	383,170
Federal, civilian	129,756	137,627	143,368	154,080	168,529	171,139	10,342	10,794	10,833	10,721	11,034	11,001
Military	13,740	15,553	16,864	16,719	16,940	19,716	4,702	4,323	5,121	4,981	5,764	9,068
State and local	522,538	545,494	589,392	620,936	700,877	749,476	260,528	282,109	299,876	323,429	340,410	363,101

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Steubenville—Weirton, OH—WV (MSA)						Stockton, CA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,630,185**	**1,608,193**	**1,587,908**	**1,651,768**	**1,673,851**	**1,692,068**	**3,982,355**	**4,168,312**	**4,347,825**	**4,813,954**	**5,199,729**	**5,575,206**
Nonfarm personal income	1,626,990	1,604,892	1,585,195	1,648,316	1,670,827	1,689,381	3,736,955	3,969,122	4,192,984	4,602,356	4,992,880	5,388,376
Farm income[1]	3,195	3,301	2,713	3,452	3,024	2,687	245,400	199,190	154,841	211,598	206,849	186,830
Population (thousands)[2]	162.7	161.4	158.7	157.8	156.8	154.8	361.3	373.0	385.2	397.9	414.9	432.7
Per capita personal income (dollars)	**10,017**	**9,961**	**10,006**	**10,467**	**10,672**	**10,928**	**11,024**	**11,175**	**11,288**	**12,099**	**12,532**	**12,885**
Derivation of total personal income:												
Total earnings by place of work	1,343,405	1,242,892	1,162,340	1,197,225	1,180,852	1,266,796	2,701,577	2,771,156	2,842,944	3,199,957	3,467,117	3,724,506
Less: Personal contributions for social insurance[3]	75,975	73,324	70,079	73,247	75,695	81,654	136,256	147,117	159,914	178,313	202,619	220,043
Plus: Adjustment for residence	−141,180	−130,670	−105,600	−114,894	−100,674	−195,482	(L)	−5,400	7,766	16,175	18,401	5,411
Equals: Net earnings by place of residence	1,126,250	1,038,898	986,661	1,009,084	1,004,483	989,660	2,565,370	2,618,639	2,690,796	3,037,819	3,282,899	3,509,874
Plus: Dividends, interest, and rent[4]	223,446	245,312	260,425	289,253	289,400	300,490	651,173	686,968	735,479	808,641	857,527	920,130
Plus: Transfer payments	280,489	323,983	340,822	353,431	379,968	401,918	765,812	862,705	921,550	967,494	1,059,303	1,145,202
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,102,739	1,020,562	940,416	968,879	951,383	1,016,703	2,037,529	2,139,993	2,197,522	2,431,594	2,647,921	2,863,463
Other labor income	167,930	157,808	148,929	146,384	143,083	156,566	192,854	212,366	227,010	244,772	261,340	278,764
Proprietors' income[6]	72,736	64,522	72,995	81,962	86,386	93,527	471,194	418,797	418,412	523,591	557,856	582,279
Farm	2,573	2,635	2,071	2,820	2,385	2,043	174,078	118,919	80,802	136,335	132,332	113,687
Nonfarm	70,163	61,887	70,924	79,142	84,001	91,484	297,116	299,878	337,610	387,256	425,524	468,592
Earnings by industry:												
Farm	3,195	3,301	2,713	3,452	3,024	2,687	245,400	199,190	154,841	211,598	206,849	186,830
Nonfarm	1,340,210	1,239,591	1,159,627	1,193,773	1,177,828	1,264,109	2,456,177	2,571,966	2,688,103	2,988,359	3,260,268	3,537,676
Private	1,252,724	1,147,796	1,066,253	1,095,367	1,073,830	1,156,398	1,975,407	2,059,407	2,147,684	2,400,430	2,612,359	2,826,787
Agricultural services, forestry, fisheries, and other[7]	1,668	1,582	1,420	1,261	1,056	1,131*	49,269	49,977	48,502	56,603	51,224	50,793
Agricultural services	1,644	1,589	1,347	1,205	1,022	1,088*	49,033	49,845	48,113	56,341	50,924	50,444
Forestry, fisheries, and other[7]	(L)	(L)	73	56	(L)	(L)	236	132	389	262	300	349
Mining	31,872	36,734	44,381	49,232	50,219	51,467	9,071	7,709	8,095	9,192	11,589	10,775
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	6,838	6,306	7,274	(D)	(D)
Metal mining	0	(L)	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	877	1,790	1,921	(D)	(D)
Construction	60,663	83,565	56,874	57,188	48,820	45,921	187,161	212,578	212,928	250,697	278,451	323,524
Manufacturing	772,311	641,313	572,770	584,102	550,791	618,170	489,239	472,217	467,704	516,761	570,100	594,302
Nondurable goods	55,260	50,859	46,141	47,669	45,955	47,131	263,912	265,202	268,281	284,724	313,594	326,312
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)	187,528	197,251	195,114	206,905	222,644	229,770
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	0	0	0	8,113	8,219	7,445	10,306	9,229	10,018
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	22,298	14,737	15,976	16,967	21,261	23,012
Printing and publishing	8,881	8,078	4,109	(D)	3,885*	3,976*	20,326	16,973	18,876	21,204	21,646	23,770
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	16,244	18,345	16,266	15,865	16,642	14,442
Petroleum and coal products	9,989	10,252	10,887	10,468	10,919*	10,917*	(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	(D)	(D)	(D)	(D)	(D)	(D)	9,131	9,378	14,251	12,590	20,670	23,323
Leather and leather products	0	0	0	0	0	0	0	0	0	0	0	0
Durable goods	717,051	590,454	526,629	536,433	504,836	571,039	225,327	207,015	199,423	232,037	256,506	267,990
Lumber and wood products	3,149	1,658	1,573	1,738	1,747	1,833*	49,492	42,273	48,689	52,040	51,033	50,895
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	8,176	7,782	8,639	11,624	13,727	16,935
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	7,785	6,914	6,831	8,969	7,372	7,304
Fabricated metal products	(D)	(D)	(D)	16,421	(D)	(D)	40,181	38,197	31,097	32,229	41,044	46,213
Machinery, except electrical	(D)	(D)	(D)	(D)	(D)	(D)	26,621	22,836	25,143	27,881	26,894	29,458
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	20,528	24,597	25,515	33,562	34,463	29,721
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	14,681	14,421	10,568	10,856	10,840	8,547
Motor vehicles and equipment	0	0	0	0	0	0	2,093	2,514	7,184	(D)	(D)	11,421
Stone, clay, and glass products	39,374*	29,234*	32,600*	30,519*	(D)	22,716*	50,289	42,145	31,352	40,253	52,144	56,564
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	2,676
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	5,481	(D)	(D)	6,464	6,837	7,856
Transportation and public utilities	104,834	105,568	100,822	107,778	109,937	108,700	220,793	234,112	248,752	272,409	282,593	296,697
Railroad transportation	14,518*	13,369*	11,238*	11,878	11,146	8,589	32,728	32,759	34,758	36,948	35,882	39,264
Trucking and warehousing	30,026	27,187	22,738	24,624	23,150	23,580	95,364	101,558	108,063	122,177	124,887	129,723
Water transportation	(L)	(D)	(D)	(D)	(D)	(D)	5,395	7,403	7,905	7,814	8,451	7,517
Other transportation[8]	949	1,051	1,002	(D)	(D)	(D)	9,916	10,024	10,589	(D)	(D)	(D)
Communication	10,178*	10,569*	9,878*	10,629*	12,169*	10,313*	46,353	49,954	52,087	52,524	49,996	51,120
Electric, gas, and sanitary services	47,547	53,136*	55,720*	59,397*	62,294*	64,610*	31,037	32,414	35,350	(D)	(D)	(D)
Wholesale trade	23,814	22,591	22,120	23,355	25,328	24,469*	197,173	195,133	186,090	211,250	235,507	237,279
Retail trade	90,043	86,952	90,166	92,204	94,894	99,522	269,436	276,039	300,494	328,118	348,653	385,661
Finance, insurance, and real estate	22,772	20,566	21,972	22,002	24,090	27,016	107,508	118,637	140,704	165,172	183,019	208,526
Banking and credit agencies	(D)	12,080*	(D)	12,981*	14,512*	15,220*	49,062	63,737	73,188	(D)	90,934	103,324
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	58,446	54,900	67,516	(D)	92,085	105,202
Services	144,747	148,925	155,728	158,245	168,695	177,747	445,757	493,005	534,415	590,228	651,223	719,230
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	6,039	5,617	5,463	6,269	6,840	8,571
Personal services	8,605	8,690	9,091	9,029	10,679	11,446	26,265	27,928	29,985	31,172	37,615	40,803
Private households	1,076	1,144	1,182	1,298	1,294	1,318	9,307	10,137	10,718	12,092	12,353	12,946
Business services	(D)	7,145	7,427	7,160	7,605	8,935	53,664	68,188	79,048	91,129	104,508	116,297
Auto repair, services, and garages	5,353	4,688	5,022	5,805	6,197	6,597	33,201	32,876	38,700	47,809	50,321	45,690
Miscellaneous repair services	1,608	1,643	1,951	1,923	1,953	2,335	11,068	11,917	15,833	19,740	17,188	21,120
Amusement and recreation services	(D)	7,758	6,321	6,450	7,620	7,360	6,255	6,990	8,576	10,272	11,297	11,726
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Health services	71,523	79,146	82,389	81,070	84,290	87,268	180,633	201,893	216,409	226,519	246,321	274,772
Legal services	5,691	6,240	6,886	8,311	8,850	9,925	16,407	21,833	23,630	27,144	29,042	36,767
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	25,905	28,616	30,531	32,140	34,167	37,715
Social services	2,055*	2,486	3,149	3,500	3,933	3,997	15,185	15,651	14,025	17,168	22,392	26,162
Museums, botanical, zoological gardens	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,429	10,014	9,908	9,914	9,770	9,746	24,220	26,741	27,967	29,020	31,081	32,289
Miscellaneous services	14,208	10,619	12,183	13,540	16,428	17,864	36,246	33,110	32,309	38,575	46,651	52,731
Government and government enterprises	87,486	91,795	93,374	98,406	103,998	107,711	480,770	512,559	540,419	587,929	647,909	710,889
Federal, civilian	10,252	10,526	10,865	11,011	11,905	11,672	114,049	119,266	130,625	132,396	145,694	148,970
Military	1,591	1,853	2,114	2,180	2,363	2,581	10,188	11,587	12,430	14,406	16,234	16,614
State and local	75,643	79,416	80,395	85,215	89,730	93,458	356,533	381,706	397,364	441,127	485,981	545,305

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Syracuse, NY (MSA)						Tacoma, WA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,495,057**	**7,007,150**	**7,541,933**	**8,334,115**	**8,772,849**	**9,268,748**	**5,298,178**	**5,612,520**	**5,894,863**	**6,331,703**	**6,796,715**	**7,263,765**
Nonfarm personal income	6,454,042	6,969,387	7,521,003	8,302,421	8,740,227	9,231,466	5,281,014	5,596,376	5,881,241	6,313,133	6,775,838	7,238,273
Farm income[1]	41,015	37,763	20,930	31,694	32,622	37,282	17,164	16,144	13,622	18,570	20,877	25,492
Population (thousands)[2]	640.4	639.9	642.5	645.7	649.0	649.3	501.9	508.0	510.9	518.1	525.8	533.3
Per capita personal income (dollars)	**10,143**	**10,950**	**11,739**	**12,906**	**13,517**	**14,275**	**10,557**	**11,049**	**11,539**	**12,221**	**12,925**	**13,620**
Derivation of total personal income:												
Total earnings by place of work	4,929,237	5,287,467	5,720,917	6,369,360	6,805,653	7,136,823	3,245,200	3,452,276	3,604,129	3,896,466	4,165,973	4,421,390
Less: Personal contributions for social insurance[3]	304,972	328,471	364,577	409,976	456,459	482,301	174,445	192,809	204,449	222,473	245,834	262,942
Plus: Adjustment for residence	−96,626	−120,097	−134,100	−151,890	−184,891	−148,406	594,867	575,491	580,126	613,211	663,523	765,281
Equals: Net earnings by place of residence	4,527,639	4,838,899	5,222,240	5,807,494	6,164,303	6,506,116	3,665,622	3,834,958	3,979,806	4,287,204	4,583,662	4,923,729
Plus: Dividends, interest, and rent[5]	927,761	1,008,612	1,095,031	1,219,671	1,230,103	1,310,746	703,575	755,547	816,700	895,853	962,587	1,022,144
Plus: Transfer payments	1,039,657	1,159,639	1,224,662	1,306,950	1,378,443	1,451,886	928,981	1,022,015	1,098,357	1,148,646	1,250,466	1,317,892
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,137,120	4,448,907	4,790,675	5,324,247	5,695,073	5,940,052	2,764,395	2,954,503	3,056,391	3,292,596	3,521,342	3,718,784
Other labor income	436,980	486,602	528,433	569,690	588,424	609,034	198,839	218,578	228,146	238,458	245,329	255,912
Proprietors' income[6]	355,137	351,958	401,809	475,423	522,156	587,737	281,966	279,195	319,592	365,412	399,302	446,694
Farm	29,465	24,705	8,468	19,518	20,263	24,861	9,530	7,635	5,436	10,531	12,736	17,304
Nonfarm	325,672	327,253	393,341	455,905	501,893	562,876	272,436	271,560	314,156	354,881	386,566	429,390
Earnings by industry:												
Farm	41,015	37,763	20,930	31,694	32,622	37,282	17,164	16,144	13,622	18,570	20,877	25,492
Nonfarm	4,888,222	5,249,704	5,699,987	6,337,666	6,773,031	7,099,541	3,228,036	3,436,132	3,590,507	3,877,896	4,145,096	4,395,898
Private	4,137,786	4,448,586	4,840,502	5,425,296	5,796,641	6,071,676	2,212,129	2,312,753	2,410,562	2,622,991	2,787,092	2,996,618
Agricultural services, forestry, fisheries, and other[7]	9,448	9,162	11,919	12,556	14,203	16,709	17,715	15,295	23,441	20,301	23,426	26,397
Agricultural services	9,100	9,164	10,883	11,848	13,383	15,691	11,510	11,674	13,121	13,522	12,542	14,427
Forestry, fisheries, and other[7]	348	(L)	1,036	708	820	1,018	6,205	3,621	10,320	6,779	10,884	11,970
Mining	21,452	20,451	18,503	20,169	24,644	20,896	11,011	10,025	8,532	7,899	10,648	10,798
Coal mining	(L)	(L)	(L)	74	76	79	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	7,482	6,637	5,384	5,538	8,588	8,715
Metal mining	(L)	−62	(L)	(L)	(L)	99	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	9,741*	9,825*	10,486*	(D)	6,649*	3,528	3,396	3,147	2,362	2,050	2,060
Construction	281,654	405,995	479,373	570,636	581,951	543,399	210,204	221,571	221,292	265,464	270,283	301,546
Manufacturing	1,458,606	1,448,006	1,540,612	1,733,391	1,798,647	1,788,441	582,493	590,486	554,501	583,079	596,488	598,992
Nondurable goods	419,255	434,166	484,956	525,203	546,242	530,358	191,999	188,215	197,226	215,173	227,126	228,259
Food and kindred products	157,359	159,870	200,205	218,656	221,562	227,036	53,653	54,031	53,687	56,177	54,974	58,191
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)	10,385	11,232	12,460	(D)	(D)
Paper and allied products	41,675	42,830	46,225	50,356	52,929	57,082	42,370	41,886	47,648	55,460	65,077	58,657
Printing and publishing	49,067	53,035	57,032	62,443	68,106	71,609	30,473	31,747	34,794	36,927	39,451	42,005
Chemicals and allied products	130,788	139,421	141,775	147,327	155,985	122,219*	23,488	23,451	22,957	24,668	27,706	25,922
Petroleum and coal products	3,096	2,184	1,876	2,852	3,310	5,861	17,898	9,664	10,407	11,123	10,011	10,294
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	(D)	(D)	30,048*	31,652*	34,034*	14,636	16,955	16,380	18,270	17,259	19,515
Leather and leather products	(D)	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	0	0
Durable goods	1,039,351	1,013,840	1,055,656	1,208,188	1,252,405	1,258,083	390,494	402,271	357,275	367,906	369,362	370,733
Lumber and wood products	10,307	(D)	(D)	12,994	15,682	(D)	110,541	103,916	113,067	116,280	112,319	121,372
Furniture and fixtures	6,101*	6,640*	6,518*	7,256*	(D)	4,848*	14,440	12,838	12,356	13,661	12,149	14,290
Primary metal industries	(D)	(D)	(D)	160,203	(D)	(D)	66,087	61,902	53,394	55,018	44,016	32,762
Fabricated metal products	49,415	48,401*	48,056*	55,209*	62,946*	63,110*	44,578	17,980	17,454	18,463	21,973	22,830
Machinery, except electrical	281,567	274,217	260,968	303,124	292,576	266,416	25,280	74,177	47,000	22,231	(D)	(D)
Electric and electronic equipment	333,015	343,088*	346,393*	359,989*	394,284	406,696*	3,097	3,114	9,743	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	56,909	37,408
Motor vehicles and equipment	138,183	121,349	153,333	198,665	211,573	223,162	6,274	6,309	6,933	(D)	(D)	8,872
Stone, clay, and glass products	44,153	38,478	41,234	46,345	47,395	50,442	20,619	23,999	21,861	26,275	29,653	34,210
Instruments and related products	27,719*	32,424*	37,959*	44,827*	53,736*	54,379*	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	15,128*	(D)	18,112*	4,940	4,668	4,896	6,184	6,968	8,080
Transportation and public utilities	410,722	442,654	470,263	513,078	544,211	(D)	178,596	185,856	200,328	214,399	220,019	242,737
Railroad transportation	29,445	22,829	17,738	19,529	19,692	18,127	16,656	18,336	20,766	22,261	20,614	18,980
Trucking and warehousing	90,879	92,084	98,543	113,847	116,558	128,404	55,901	59,438	58,871	68,196	69,288	70,317
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	117,655	132,829	133,125	134,721	132,221	128,016	49,680	51,120	56,010	53,234	54,750	60,794
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	15,909	17,093	18,290	19,934	23,092	24,954
Wholesale trade	399,077	417,904	422,755	460,135	500,095	527,331	185,675	194,722	199,545	216,428	221,033	230,346
Retail trade	401,902	433,113	484,736	528,622	575,690	633,598	339,987	358,796	393,570	408,825	440,068	484,278
Finance, insurance, and real estate	283,438	301,281	343,360	371,650	407,073	460,122	127,409	131,206	153,369	167,340	186,854	219,695
Banking and credit agencies	65,703	70,844	78,672	91,555	94,788	106,807	51,339	57,148	63,031	71,596	80,664	92,773
Other finance, insurance, and real estate[9]	217,735	230,437	264,688	280,095	312,285	353,315	76,070	74,058	90,338	95,744	106,190	126,922
Services	871,487	970,020	1,068,981	1,215,059	1,350,127	1,385,574*	559,039	604,796	655,984	739,256	818,273	881,829
Hotels and other lodging places	21,924	21,709	24,807	(D)	27,614	31,378	7,885	8,192	10,407	13,180	13,997	14,774
Personal services	38,775	42,956	50,001	55,018	65,468	71,844	37,144	40,295	43,634	48,951	53,401	58,387
Private households	9,735	10,385	10,807	11,982	12,002	12,290	7,504	8,071	8,409	9,394	9,510	9,846
Business services	104,355	119,654	139,655	185,776	218,014	256,168	56,363	60,522	64,839	81,054	97,631	115,389
Auto repair, services, and garages	34,700	36,691	40,078	46,880	50,641	51,331	33,536	32,564	34,546	39,779	47,264	45,285
Miscellaneous repair services	13,370	14,862	18,916	21,164	20,770	21,847	10,664	10,548	14,039	15,983	14,211	14,936
Amusement and recreation services	16,611*	17,392	16,965	20,361	22,738	24,508	11,890	13,361	14,299	17,503	20,511	22,302
Motion pictures	3,657*	971*	(D)	1,315	1,627*	(D)	1,610	1,463	1,546	2,069	2,151	2,072
Health services	271,457	317,025	347,703	375,237	414,445	448,397	223,754	253,429	270,561	291,674	319,854	346,706
Legal services	64,620	76,335	83,310	99,765	107,782	124,321	32,709	40,110	44,883	52,748	57,613	62,531
Educational services	109,998	121,210	132,155	(D)	(D)	(D)	34,855	39,410	43,266	46,925	49,336	49,342
Social services	36,569	33,399	33,879	39,089	45,184	50,736	14,533	16,967	20,475	23,491	27,699	28,271
Museums, botanical, zoological gardens	476	(D)	(D)	(D)	(D)	(D)	296	329	313	323	276	291
Membership organizations	42,872	49,061	51,411	54,792	58,084	55,783	40,832	41,011	43,470	45,269	46,204	45,914
Miscellaneous services	101,594	107,574	117,920	133,632	151,933	168,440	45,464	38,524	41,297	50,913	58,615	65,783
Government and government enterprises	750,436	801,118	859,485	912,370	976,390	1,027,865	1,015,907	1,123,379	1,179,945	1,254,905	1,358,004	1,399,280
Federal, civilian	105,353	112,144	113,364	114,411	118,146	114,267	194,579	218,049	235,385	233,368	242,380	239,265
Military	24,942	26,757	25,641	19,795	20,418	20,904	406,651	478,040	495,353	526,212	578,792	592,594
State and local	620,141	662,217	720,480	778,164	837,826	892,694	414,677	427,290	449,207	495,325	536,832	567,421

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Tallahassee, FL (MSA)						Tampa—St. Petersburg—Clearwater, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,627,635**	**1,755,203**	**1,929,335**	**2,102,055**	**2,286,439**	**2,523,573**	**17,547,448**	**19,037,815**	**21,236,856**	**23,511,327**	**25,714,185**	**27,832,596**
Nonfarm personal income	1,615,957	1,741,781	1,912,805	2,081,257	2,264,860	2,499,374	17,413,433	18,875,067	21,026,897	23,314,543	25,509,158	27,622,476
Farm income[1]	11,678	13,422	16,530	20,798	21,579	24,199	134,015	162,748	209,959	196,784	205,027	210,120
Population (thousands)[2]	196.9	201.1	205.2	209.7	214.1	218.0	1,675.9	1,718.7	1,769.1	1,818.7	1,870.6	1,914.3
Per capita personal income (dollars)	**8,266**	**8,728**	**9,403**	**10,023**	**10,678**	**11,578**	**10,470**	**11,077**	**12,004**	**12,927**	**13,747**	**14,539**
Derivation of total personal income:												
Total earnings by place of work	1,292,169	1,384,233	1,521,300	1,660,612	1,815,807	2,027,423	10,241,441	10,970,088	12,514,179	14,123,879	15,655,542	17,004,788
Less: Personal contributions for social insurance[3]	46,250	50,322	56,727	63,513	73,340	81,759	546,001	599,160	688,668	792,878	919,323	1,005,511
Plus: Adjustment for residence	−63,930	−71,012	−76,939	−81,741	−93,432	−109,467	96,206	81,220	53,853	58,234	50,965	87,515
Equals: Net earnings by place of residence	1,181,989	1,262,899	1,387,634	1,515,358	1,649,035	1,836,197	9,791,646	10,452,148	11,879,364	13,389,235	14,787,184	16,086,792
Plus: Dividends, interest, and rent[5]	205,975	228,479	253,570	283,299	307,921	332,470	4,245,874	4,627,571	5,080,260	5,728,975	6,225,270	6,777,970
Plus: Transfer payments	239,671	263,825	288,131	303,398	329,483	354,906	3,509,928	3,958,096	4,277,232	4,393,117	4,701,731	4,967,834
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,114,188	1,201,866	1,307,520	1,418,536	1,547,953	1,725,932	8,382,242	9,147,629	10,244,240	11,617,807	12,811,481	13,849,992
Other labor income	79,633	90,682	103,165	109,873	120,102	134,194	768,115	871,577	998,204	1,093,650	1,188,517	1,262,926
Proprietors' income[6]	98,348	91,685	110,615	132,203	147,752	167,297	1,091,084	950,882	1,271,735	1,412,422	1,655,544	1,891,870
Farm	5,582	6,080	9,417	13,846	14,515	17,088	95,895	117,658	166,103	153,611	161,252	166,265
Nonfarm	92,766	85,605	101,198	118,357	133,237	150,209	995,189	833,224	1,105,632	1,258,811	1,494,292	1,725,605
Earnings by industry:												
Farm	11,678	13,422	16,530	20,798	21,579	24,199	134,015	162,748	209,959	196,784	205,027	210,120
Nonfarm	1,280,491	1,370,811	1,504,770	1,639,814	1,794,228	2,003,224	10,107,426	10,807,340	12,304,220	13,927,095	15,450,515	16,794,668
Private	709,783	749,840	845,527	939,245	1,038,429	1,156,255	8,702,769	9,261,420	10,589,840	12,067,504	13,406,747	14,573,706
Agricultural services, forestry, fisheries, and other[7]	(D)	3,871	4,272	4,862	5,414	5,912	73,204*	77,253*	90,058*	98,611	111,099	120,554
Agricultural services	(D)	(D)	(D)	(D)	(D)	(D)	66,101*	70,335*	78,981*	91,209	98,739	107,683
Forestry, fisheries, and other[7]	(D)	(D)	(D)	(D)	(D)	(D)	7,145	6,918	11,190	7,402	12,360	12,871
Mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	64,452	92,217	96,823
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	137	151	156	168	175
Oil and gas extraction	3,064	2,579	2,214	(D)	(D)	(D)	67,674	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	73,076	71,968	77,514	91,750	100,929	112,600	890,528	886,643	1,007,854	1,302,481	1,417,869	1,485,455
Manufacturing	61,585	59,579	69,317	67,130	70,878	83,029	1,462,858	1,541,464	1,675,184	1,895,110	2,042,323	2,086,510
Nondurable goods	24,169	25,086	26,656	30,434	33,118	34,784	550,716	574,570	611,644	661,355	693,577	723,846
Food and kindred products	3,569	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	263	(D)	(D)	(D)	(D)	(D)	(D)	691*	969*	(D)	(D)	(D)
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	39,159*	41,679*	45,034*	51,711*	51,860*	55,379
Paper and allied products	0	0	0	(D)	(D)	0	(D)	(D)	(D)	23,646*	24,237*	23,320*
Printing and publishing	17,264*	18,482*	20,029*	23,135*	25,482*	27,875*	146,051*	153,605	171,922	190,330	219,163	240,879
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	95,174*	94,225*	100,043*	106,377*	103,082*	98,821*
Petroleum and coal products	(D)	(D)	(D)	(D)	(D)	(D)	12,809*	13,484	16,308	16,264	15,763	17,366
Tobacco manufactures	272	0	0	0	0	0	(D)	(D)	(D)	16,945	15,598	15,096
Rubber and misc. plastic products	(D)	(D)	(D)	(D)	(D)	(D)	36,961*	38,313*	39,877*	46,463*	50,984*	55,725*
Leather and leather products	0	0	0	0	0	(D)	4,098*	4,332*	4,355*	4,323*	3,357*	3,104*
Durable goods	37,416	34,493	42,661	36,696	37,760	48,245	912,142	966,894	1,063,540	1,233,755	1,348,746	1,362,664
Lumber and wood products	12,607	(D)	(D)	(D)	(D)	(D)	45,724	43,132	63,255	71,329	70,821	71,731
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	19,647*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	29,454	28,812*	31,426*	33,648*	33,692*	37,235*
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	170,711	155,623*	155,261*	169,985*	177,106*	175,404
Machinery, except electrical	(D)	(D)	(D)	(D)	255	(D)	121,087*	139,964*	154,472*	183,745*	206,318*	214,075
Electric and electronic equipment	(D)	(D)	(D)	(D)	3,787	4,496	289,218*	337,642*	375,386*	430,198*	485,359*	501,482
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	86,618*	83,894*	84,437*	103,148*	118,162*	92,262*
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	3,672	3,873	3,496	7,547	9,970	10,556
Stone, clay, and glass products	5,570	3,618	3,892	4,490	4,491	4,901	81,171*	76,050*	82,779*	93,183*	99,166	92,697*
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	38,055*	46,625*	51,343*	65,552*	75,232*	83,815
Miscellaneous manufacturing industries	2,657	2,963	2,723	2,730	2,488	2,594	24,819*	(D)	33,880*	40,658*	43,746*	46,780*
Transportation and public utilities	60,083	64,599	69,529	71,163	76,503	76,528	788,224	875,127	972,162	1,061,146	1,128,856	1,165,968
Railroad transportation	5,090	5,193	5,597	(D)	(D)	3,174	50,733	53,493	59,322	59,529	52,285	45,511
Trucking and warehousing	11,713	11,685	13,481	14,397	16,069	15,786	151,643	(D)	(D)	(D)	(D)	(D)
Water transportation	0	0	0	0	(D)	0	48,996*	41,489*	40,269*	51,681*	49,197*	50,730*
Other transportation[8]	6,116*	6,700	8,160	8,494	8,596	8,826	(D)	(D)	(D)	(D)	(D)	(D)
Communication	31,114*	34,122*	34,897*	34,340*	39,835	42,396	(D)	(D)	(D)	(D)	(D)	384,094*
Electric, gas, and sanitary services	(D)	(D)	(D)	5,744	6,365	6,346	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	55,069	(D)	(D)	(D)	(D)	(D)	818,427	873,869	949,605	1,052,412	1,187,412	1,243,912
Retail trade	136,462	143,462	162,740	175,554	193,678	205,755	1,381,194	1,473,846	1,651,688	1,835,603	2,016,842	2,205,358
Finance, insurance, and real estate	58,242	60,209	71,413	79,648	87,024	103,985	775,974	743,635	1,058,994	1,170,215	1,419,885	1,729,444
Banking and credit agencies	23,473	25,526	28,732	31,733	33,195	41,036	221,976*	255,302*	311,806*	378,361	430,822	506,024
Other finance, insurance, and real estate[9]	34,769	34,683	42,681	47,915	53,829	62,949	546,224*	481,592*	738,782*	791,854	989,063	1,223,420
Services	252,033	278,776	318,025	367,412	413,158	471,649	2,427,576	2,717,511	3,123,883	3,587,474	3,990,244	4,439,682
Hotels and other lodging places	7,755	7,508	8,671	10,196	11,092	12,674	104,331	113,965*	128,306*	137,502*	147,961	161,326*
Personal services	11,403	12,474	14,709	16,405	20,038	21,833	108,837	115,840	129,531	144,278	171,351	187,296
Private households	9,819	10,758	11,436	12,986	13,361	14,040	(D)	55,503	59,028	67,142	69,084	72,638
Business services	29,963	33,932	39,344	44,700	50,150	58,399	366,204	408,105	485,631	599,993	683,106	782,596
Auto repair, services, and garages	10,937	10,067	11,283	13,705	15,669	17,510	106,475	113,106	133,031	160,217	170,079	184,570
Miscellaneous repair services	4,862	5,186	5,625	6,774	6,372	6,378	50,164	50,485	57,007	65,329	61,781	65,939
Amusement and recreation services	4,121	(D)	(D)	(D)	(D)	(D)	87,108	97,942	113,215	128,190	134,489	140,255
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	6,591*	8,705*	10,401*	11,432*	(D)	(D)
Health services	79,972	91,913	104,396	117,654	128,506	144,103	838,885	1,000,131	1,138,770	1,242,307	1,358,151	1,483,283
Legal services	28,020	33,840	39,375	49,157	58,411	70,780	154,165	178,770	204,037	246,964	284,735	323,584
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	43,707*	49,466*	54,883*	60,890*	76,754*	79,255*
Social services	8,548	8,669	10,861	14,029	14,894	17,429	57,895	69,932	84,216	92,513	102,531	114,415
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	401	577	550	(D)	(D)
Membership organizations	21,611	24,140	26,423	29,030	33,566	37,632	97,504	107,867	119,278	133,140	140,039	147,692
Miscellaneous services	31,876	33,042	37,097	43,058	50,890	58,152	349,713	338,591	395,977	485,940	575,278	668,504
Government and government enterprises	570,708	620,971	659,243	700,569	755,799	846,969	1,404,657	1,545,920	1,714,380	1,859,591	2,043,768	2,220,962
Federal, civilian	32,260	33,416	35,623	38,293	42,020	42,996	291,100	304,536	343,525	385,129	414,475	433,476
Military	4,556	5,419	5,896	7,047	8,609	9,583	136,920	156,245	176,623	188,326	205,669	211,784
State and local	533,892	582,136	617,724	655,229	705,170	794,390	976,637	1,085,139	1,194,232	1,286,136	1,423,624	1,575,702

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Terre Haute, IN (MSA)						Texarkana, TX—Texarkana, AR (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,261,763**	**1,306,168**	**1,352,972**	**1,442,493**	**1,506,715**	**1,575,443**	**1,051,900**	**1,118,376**	**1,184,692**	**1,295,354**	**1,376,317**	**1,428,280**
Nonfarm personal income	1,252,963	1,300,482	1,357,006	1,431,023	1,491,519	1,560,622	1,041,681	1,107,006	1,177,204	1,276,805	1,358,997	1,404,284
Farm income[1]	8,800	5,686	−4,034	11,470	15,196	14,821	10,219	11,370	7,488	18,549	17,320	23,996
Population (thousands)[2]	136.6	136.3	135.7	135.4	135.0	134.1	114.4	115.4	117.7	118.3	119.3	119.9
Per capita personal income (dollars)	**9,235**	**9,582**	**9,973**	**10,654**	**11,163**	**11,745**	**9,193**	**9,690**	**10,068**	**10,952**	**11,541**	**11,915**
Derivation of total personal income:												
Total earnings by place of work	930,492	924,258	937,531	1,011,956	1,073,221	1,129,819	737,614	788,871	841,949	934,373	987,085	1,017,905
Less: Personal contributions for social insurance[3]	51,719	53,913	53,059	57,185	63,241	66,927	40,652	44,931	48,379	53,210	58,282	59,970
Plus: Adjustment for residence	−45,082	−36,385	−37,664	−37,499	−46,690	−56,814	3,694	−4,220	−14,081	−17,527	−21,380	−19,476
Equals: Net earnings by place of residence	833,691	833,960	846,808	917,272	963,290	1,006,078	700,656	739,720	779,489	863,636	907,423	938,459
Plus: Dividends, interest, and rent[5]	210,453	230,942	245,778	259,352	268,270	280,182	154,700	163,741	171,828	190,777	209,295	216,995
Plus: Transfer payments	217,619	241,266	260,386	265,869	275,155	289,183	196,544	214,915	233,375	240,941	259,599	272,826
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	770,776	766,724	777,347	825,973	871,383	915,810	588,236	634,507	674,838	738,100	780,594	793,606
Other labor income	80,440	84,167	86,932	89,623	92,723	96,377	53,434	60,651	66,318	71,421	73,330	75,404
Proprietors' income[6]	79,276	73,367	73,252	96,360	109,115	117,632	95,944	93,713	100,793	124,852	133,161	148,895
Farm	6,062	2,819	−6,820	8,705	12,397	11,996	6,985	7,777	4,019	15,129	13,855	20,514
Nonfarm	73,214	70,548	80,072	87,655	96,718	105,636	88,959	85,936	96,774	109,723	119,306	128,381
Earnings by industry:												
Farm	8,800	5,686	−4,034	11,470	15,196	14,821	10,219	11,370	7,488	18,549	17,320	23,996
Nonfarm	921,692	918,572	941,565	1,000,486	1,058,025	1,114,998	727,395	777,501	834,461	915,824	969,765	993,909
Private	784,126	775,348	791,024	842,693	887,040	930,025	521,597	551,709	590,705	659,268	692,658	726,934
Agricultural services, forestry, fisheries, and other[7]	1,349	1,525	1,718	1,760	1,657	2,465	2,593	2,547	3,974	3,501	3,498	3,977
Agricultural services	1,323	1,509	1,664	1,745	1,579	2,378	(D)	2,467	2,493	2,494	2,674	3,015
Forestry, fisheries, and other[7]	(L)	(L)	54	(L)	78	87	(D)	80	1,481	1,007	824	962
Mining	14,521	16,409	17,673	20,470	23,778	21,952	(D)	5,576	4,125	3,926	4,205	4,341
Coal mining	10,769*	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	2,263	1,928*	1,751*	1,644*	2,858*	2,733	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	0	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	65,913	58,839	53,441	57,817	55,803	61,688	44,473	48,004	53,345	62,934	68,126	69,895
Manufacturing	277,250	267,198	261,406	281,625	301,635	312,324	127,723	135,808	146,152	170,183	172,492	181,156
Nondurable goods	125,774	132,721	138,202	149,536	163,195	172,530	(D)	(D)	(D)	(D)	(D)	(D)
Food and kindred products	17,304*	20,155*	22,013*	25,848*	27,006*	27,426*	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	0	0	0	0	0	0	0	0	0	(D)	(D)
Apparel and other textile products	646	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	22,112	(D)	(D)	24,404	24,933*	27,113*	0	(D)	(D)	(D)	(D)	(D)
Printing and publishing	23,515*	24,358*	25,348*	25,282*	29,175*	35,585*	(D)	(D)	(D)	(D)	(D)	(D)
Chemicals and allied products	35,515*	39,593*	40,439*	44,803*	49,991*	50,564*	(D)	1,615	1,876	2,715	3,109	3,178
Petroleum and coal products	2,636	2,805	2,539	(D)	(D)	(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	22,365*	21,303*	22,760*	24,745*	27,009*	26,893*	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	0	0	0	0	0	(L)	(D)	(D)	0	0	0
Durable goods	151,476	134,477	123,204	132,089	138,440	139,794	(D)	(D)	(D)	(D)	(D)	(D)
Lumber and wood products	1,177	936	1,273	1,450	1,270	1,411	16,728	14,969	15,952	15,569	10,590	8,411
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	52,139	52,594	48,332	0	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	15,243*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Machinery, except electrical	36,026	29,630	27,982	32,041	34,386	30,124	(D)	2,901	2,521	9,373	7,413	(D)
Electric and electronic equipment	(D)	(D)	(D)	4,751	7,757	12,091*	868	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	10,831*	(D)	(D)	(D)	(D)	(D)	1,512	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	8,011	(D)	2,043	2,989*	3,731	4,379	4,434	3,158	3,218
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	222*	222*	218*	259*	246*	341*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	73,606	74,399	74,135	77,629	76,851	77,249	49,198	50,903	49,818	51,992	53,589	54,027
Railroad transportation	17,194	14,178*	12,771*	14,571	14,118	11,493	11,108	10,361	10,007	(D)	(D)	6,083
Trucking and warehousing	19,189	19,026	19,818	21,717	20,870	21,009	16,535	16,654	13,963	15,998	17,794	18,503
Water transportation	0	0	0	0	0	0	(L)	(L)	(L)	−51	(L)	(L)
Other transportation[8]	1,774	2,233	2,442	2,563	2,953	3,502	(D)	(D)	(D)	1,261	1,515	(D)
Communication	14,601*	15,604	15,807	16,532	16,862	17,145	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	19,355*	21,925*	21,871*	22,246	22,048	24,100	6,186	7,204	7,887	7,824	8,312	8,715
Wholesale trade	50,986	50,250	49,565	51,070	51,432	54,615	(D)	43,154	42,778	46,591	44,985	43,926
Retail trade	129,847	126,022	135,059	140,536	145,420	150,800	91,757	94,234	103,984	111,199	118,647	121,896
Finance, insurance, and real estate	32,017	29,346	32,239	33,001	35,774	41,783	25,388	25,860	29,224	33,217	38,209	42,003
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	16,397*	13,489*	15,619*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Services	138,637	151,360	165,788	178,785	194,690	207,149	131,495	145,623	157,305	175,725	188,907	205,713
Hotels and other lodging places	(D)	4,037	4,536	4,493	4,339*	4,244*	4,699	4,521	4,852	4,657	4,390	4,237
Personal services	10,629	10,618	11,511	11,942	13,733	14,676	6,980	8,025	8,645	8,953	10,892	12,742
Private households	2,905	3,097	3,201	3,550	3,554	3,642	3,965	4,376	4,654	5,223	5,313	5,527
Business services	11,402	13,920	16,184	17,649	21,190	22,693	12,537	17,229	19,407	21,986	26,115	29,872
Auto repair, services, and garages	7,244	7,189	7,561	8,129	9,181	9,698	7,964	8,420	8,867	10,545	11,446	11,725
Miscellaneous repair services	2,289	2,805	3,428	3,680	3,243	3,763	3,046	3,304	3,714	4,132	3,349	3,459
Amusement and recreation services	(D)	1,667	1,659	1,662*	2,053	2,083	1,607	2,800	2,764	2,475	3,411	2,542
Motion pictures	581	(D)	(D)	616*	723	666	(D)	(D)	(D)	(D)	(D)	(D)
Health services	63,541	71,119	77,382	82,184	88,743	94,683	63,561	70,489	75,602	83,998	90,006	99,384
Legal services	8,331	8,931	10,312	11,705	12,665	14,066	(D)	9,476	8,958	10,727	11,598	12,701
Educational services	6,785	8,012*	8,338*	(D)	(D)	(D)	427	455	483	643	834	1,257
Social services	2,784*	2,972	3,587	4,844	5,459*	5,622*	2,803	2,627	3,154	3,667	3,725	4,090
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Membership organizations	9,766	10,507	10,621	10,686	10,939	10,999	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous services	7,287	5,636	6,447	7,712	8,721	9,253	10,146	8,261	10,125	12,233	11,231	11,453
Government and government enterprises	137,566	143,224	150,541	157,793	170,985	184,973	205,798	225,792	243,756	256,556	277,107	266,975
Federal, civilian	29,805	30,921	31,995	33,251	34,876	34,735	142,119	157,006	166,431	175,710	187,529	171,599
Military	2,721	3,241	3,963	3,838	4,253	5,060	4,380	5,015	5,224	5,603	6,094	6,570
State and local	105,040	109,062	114,583	120,704	131,856	145,178	59,299	63,771	72,101	75,243	83,484	88,806

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Toledo, OH (MSA)						Topeka, KS (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,705,251**	**6,951,960**	**7,315,927**	**7,959,543**	**8,422,795**	**8,891,543**	**1,890,811**	**1,992,045**	**2,099,900**	**2,222,325**	**2,354,191**	**2,455,006**
Nonfarm personal income	6,676,406	6,920,263	7,308,837	7,901,315	8,374,744	8,847,201	1,883,195	1,985,153	2,091,518	2,209,598	2,334,431	2,432,457
Farm income[1]	28,845	31,697	7,090	58,228	48,051	44,342	7,616	6,892	8,382	12,727	19,760	22,549
Population (thousands)[2]	617.0	615.1	611.7	610.1	610.5	611.2	156.1	157.1	158.0	159.2	159.7	160.8
Per capita personal income (dollars)	**10,867**	**11,303**	**11,961**	**13,047**	**13,796**	**14,547**	**12,113**	**12,679**	**13,292**	**13,962**	**14,740**	**15,269**
Derivation of total personal income:												
Total earnings by place of work	5,162,091	5,248,308	5,534,625	6,152,600	6,594,733	6,837,496	1,478,323	1,550,756	1,651,678	1,796,027	1,899,313	1,997,224
Less: Personal contributions for social insurance[3]	317,259	333,169	362,103	402,189	450,283	471,206	83,353	92,402	97,331	106,942	118,090	125,287
Plus: Adjustment for residence	−216,655	−233,528	−290,243	−357,193	−399,679	−301,375	−113,944	−129,976	−131,108	−165,048	−175,744	−200,511
Equals: Net earnings by place of residence	4,628,177	4,681,611	4,882,279	5,393,218	5,744,771	6,064,915	1,281,026	1,328,378	1,423,239	1,524,037	1,605,479	1,671,426
Plus: Dividends, interest, and rent[5]	1,018,907	1,083,838	1,169,272	1,264,734	1,305,081	1,366,665	324,706	354,851	352,050	373,050	400,529	417,501
Plus: Transfer payments	1,058,167	1,186,511	1,264,376	1,301,591	1,372,943	1,459,963	285,079	308,816	324,611	325,238	348,183	366,079
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,301,521	4,383,011	4,605,582	5,090,220	5,453,596	5,641,411	1,241,922	1,308,555	1,382,711	1,503,977	1,581,602	1,656,634
Other labor income	466,233	497,429	537,837	574,073	604,138	617,969	112,973	124,312	134,378	140,465	146,042	151,090
Proprietors' income[6]	394,337	367,868	391,206	488,307	536,999	578,116	123,428	117,889	134,589	151,585	171,669	189,500
Farm	21,168	23,051	−1,233	50,050	39,755	35,967	6,076	5,347	6,886	11,245	18,268	21,057
Nonfarm	373,169	344,817	392,439	438,257	497,244	542,149	117,352	112,542	127,703	140,340	153,401	168,443
Earnings by industry:												
Farm	28,845	31,697	7,090	58,228	48,051	44,342	7,616	6,892	8,382	12,727	19,760	22,549
Nonfarm	5,133,246	5,216,611	5,527,535	6,094,372	6,546,682	6,793,154	1,470,707	1,543,864	1,643,296	1,783,300	1,879,553	1,974,675
Private	4,543,496	4,578,102	4,849,879	5,374,640	5,768,806	5,973,221	1,159,736	1,207,757	1,289,809	1,400,887	1,474,192	1,544,240
Agricultural services, forestry, fisheries, and other[7]	9,816	10,568	12,907	13,329	13,178	15,305	3,296	3,429	4,726	4,239	3,561	4,294
Agricultural services	9,544	10,482	12,535	13,049	12,909	14,957	3,195	3,443	4,580	4,132	3,500	4,218
Forestry, fisheries, and other[7]	272	86	372	280	269	348	101	(L)	146	107	61	76
Mining	19,581	17,677	16,545	17,270	20,539	20,600	10,076	9,470	8,018	7,806	8,995	9,105
Coal mining	150	86	101	124	134	140	0	0	0	0	0	0
Oil and gas extraction	14,238	(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	5,195	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	305,247	265,896	273,432	300,283	322,793	361,480	85,276	83,479	88,281	101,621	103,792	113,014
Manufacturing	1,783,840	1,785,820	1,911,313	2,150,501	2,342,464	2,295,335	204,964	197,829	213,790	244,239	255,438	262,595
Nondurable goods	370,671	356,243	371,992	390,358	406,830	419,650	168,941	164,294	180,948	209,034	222,201	227,773
Food and kindred products	89,210	91,843	96,497	100,425	102,746	103,299	33,944	37,739	42,466	47,190	50,754	55,387
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)	1,239	(D)	(D)
Paper and allied products	(D)	(D)	(D)	26,028*	22,254*	21,809*	240	(D)	(D)	(D)	(D)	(D)
Printing and publishing	46,803	45,501*	52,498*	54,158	60,009	65,421	57,757	58,936	60,250	64,026	64,411	66,079
Chemicals and allied products	59,056*	58,729*	60,579*	64,117*	63,480*	66,323	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	76,437*	68,255	66,123	65,515*	70,964*	69,081*	986	534	490	528	380	445
Tobacco manufactures	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Rubber and misc. plastic products	47,925	45,793	48,126	60,045	64,909	68,585	(D)	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,413,169	1,429,577	1,539,321	1,760,143	1,935,634	1,875,685	36,023	33,535	32,842	35,205	33,237	34,822
Lumber and wood products	(D)	(D)	(D)	8,052	10,556	15,515	1,103	1,051	1,114	1,026	998	1,170
Furniture and fixtures	15,074*	17,234	14,427	39,364	(D)	55,832*	1,370	1,879	1,950	1,976	1,807	1,674
Primary metal industries	92,012	83,724	95,392	117,775	122,664	125,790	3,343	3,386	3,717	10,329	10,522	11,473
Fabricated metal products	162,749	159,138	182,788	219,518	233,156	234,266	1,435	1,181	1,192	967	1,089	983
Machinery, except electrical	168,420	165,333	159,337	183,187	191,763	193,934	17,816	14,661	12,275	12,958	10,552	11,268
Electric and electronic equipment	109,267	97,349*	97,610*	99,146*	98,740*	85,608*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	38,231*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Motor vehicles and equipment	404,603	396,488*	485,604*	592,691*	695,398*	(D)	193	(D)	(D)	1,087	(D)	321
Stone, clay, and glass products	370,460	(D)	(D)	(D)	(D)	389,377	3,014	2,803	2,977	3,691	3,835	4,313
Instruments and related products	15,613*	(D)	(D)	(D)	(D)	(D)	2,758	3,174	3,230	(D)	(D)	(D)
Miscellaneous manufacturing industries	9,567*	10,314*	10,737*	11,761*	12,612*	11,248*	699	(D)	(D)	113	519	746
Transportation and public utilities	424,827	406,097	410,144	439,241	436,786	439,742	208,092	224,519	245,580	257,770	263,215	261,163
Railroad transportation	87,679	82,370	80,346	86,497	85,428	80,524	96,398	101,547	110,104	116,483	114,880	106,459
Trucking and warehousing	175,005	148,735	153,820	168,379	165,258	164,316	18,771	19,537	19,643	22,647	23,099	21,920
Water transportation	2,128	2,106	2,008	2,911	3,435	5,035	0	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	15,094*	17,456*	18,880*	(D)	22,024	21,515	(D)	(D)	(D)	(D)	(D)	(D)
Communication	73,098*	77,462*	76,424*	(D)	75,337	78,515	(D)	(D)	(D)	(D)	80,586	(D)
Electric, gas, and sanitary services	67,097*	73,079*	74,102*	79,714	85,304	89,837	22,138	25,302	26,836	29,664	32,000	(D)
Wholesale trade	370,522	379,293	384,939	458,421	459,528	464,245	99,749	106,464	109,328	115,910	124,537	130,462
Retail trade	504,255	515,048	543,341	579,021	620,817	655,940	134,604	136,040	140,979	150,963	158,577	164,609
Finance, insurance, and real estate	162,925	161,313	181,727	197,200	210,704	259,874	104,616	110,882	122,244	130,887	137,969	150,754
Banking and credit agencies	(D)	73,123*	77,353*	83,942*	88,892*	102,320*	(D)	26,670	29,168	32,151	34,784	38,247
Other finance, insurance, and real estate[9]	85,967*	83,584*	99,424*	107,693*	115,872*	150,255*	(D)	84,212	93,076	98,736	103,185	112,507
Services	962,483	1,036,390	1,115,531	1,219,374	1,341,997	1,460,700	309,063	335,645	356,863	387,452	418,108	448,244
Hotels and other lodging places	15,042	15,116	15,040	15,930	18,495	20,935	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	44,686	48,157	50,064	52,499	62,914	68,464	16,454	18,102	19,324	21,007	24,290	26,414
Private households	11,580	12,333	12,743	14,105	14,101	14,437	3,329	3,586	3,745	4,166	4,184	4,299
Business services	110,229	111,791	129,261	152,144	185,791	220,870	37,166	43,583	50,478	57,864	64,219	69,342
Auto repair, services, and garages	36,286	33,514	35,931	43,075	46,920	51,838	11,059	10,678	11,038	12,927	13,348	14,129
Miscellaneous repair services	15,173	14,429	16,520	19,074	19,408	21,651	3,757	4,101	4,979	5,718	5,054	6,269
Amusement and recreation services	(D)	16,871	17,315	19,468	21,877	23,499	3,740	3,803	3,721	4,280	4,195	4,478
Motion pictures	2,270*	1,931*	2,033*	2,305*	(D)	2,230*	578	466	572	716	650	653
Health services	460,718	525,664	557,184	579,878	610,636	651,403	146,660	163,188	170,077	176,458	187,836	198,863
Legal services	55,344	59,796	68,296	82,424	89,881	100,067	19,572	21,138	24,467	29,434	31,556	33,276
Educational services	17,154*	18,818*	20,775*	22,989*	24,937*	27,309	4,053	4,622	4,797	5,106	5,828	6,346
Social services	25,538*	27,258*	28,498*	35,652*	39,834*	43,663*	8,241	9,197	10,759	11,143	12,600	13,221
Museums, botanical, zoological gardens	(D)	3,035*	3,802*	4,164*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	43,569	46,708	49,620	51,567	53,071	53,799	17,008	18,616	19,607	20,973	22,030	23,101
Miscellaneous services	103,838	100,182	107,537	123,186	145,794	154,001	27,158	24,917	27,884	32,501	35,901	38,745
Government and government enterprises	589,750	638,509	677,656	719,732	777,876	819,933	310,971	336,107	353,487	382,413	405,361	430,435
Federal, civilian	61,264	62,673	65,494	69,340	73,382	73,184	64,549	68,339	76,111	80,235	79,738	80,838
Military	7,430	8,522	9,441	9,757	10,662	11,177	4,620	7,091	6,660	7,838	8,787	10,414
State and local	521,056	567,314	602,721	640,635	693,832	735,572	241,802	260,677	270,716	294,340	316,836	339,183

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Trenton, NJ (PMSA)						Tucson, AZ (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,091,081**	**4,468,467**	**4,783,691**	**5,258,485**	**5,724,513**	**6,195,163**	**5,395,708**	**5,664,164**	**6,172,865**	**6,778,196**	**7,438,930**	**8,073,519**
Nonfarm personal income	4,082,795	4,460,114	4,774,718	5,248,376	5,713,513	6,183,601	5,378,475	5,647,018	6,154,980	6,739,838	7,412,701	8,043,595
Farm income[1]	8,286	8,353	8,973	10,109	11,000	11,562	17,233	17,146	17,885	38,358	26,229	29,924
Population (thousands)[2]	307.6	309.1	312.7	313.8	317.3	320.8	545.8	557.4	569.4	574.7	585.0	602.4
Per capita personal income (dollars)	**13,302**	**14,456**	**15,296**	**16,759**	**18,039**	**19,309**	**9,886**	**10,161**	**10,841**	**11,795**	**12,716**	**13,401**
Derivation of total personal income:												
Total earnings by place of work	3,145,605	3,329,688	3,638,066	4,031,888	4,394,493	4,865,135	3,580,587	3,737,178	4,065,448	4,549,496	5,009,574	5,447,557
Less: Personal contributions for social insurance[3]	181,155	193,842	210,504	234,876	265,708	294,228	209,528	228,939	237,473	266,785	301,298	326,762
Plus: Adjustment for residence	−138,605	−111,472	−153,889	−180,259	−173,904	−250,711	71,747	48,403	37,510	36,700	39,843	52,054
Equals: Net earnings by place of residence	2,825,845	3,024,374	3,273,673	3,616,753	3,954,881	4,320,196	3,442,806	3,556,642	3,865,485	4,319,411	4,748,119	5,172,849
Plus: Dividends, interest, and rent[5]	721,404	833,740	859,320	969,698	1,041,839	1,113,839	1,077,764	1,133,651	1,243,013	1,361,948	1,492,753	1,627,489
Plus: Transfer payments	543,832	610,353	650,698	672,034	727,793	761,128	875,138	973,871	1,064,367	1,096,837	1,198,058	1,273,181
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,689,737	2,862,587	3,106,912	3,456,430	3,762,030	4,160,284	2,999,927	3,159,364	3,416,398	3,805,985	4,174,086	4,517,615
Other labor income	255,931	274,271	299,452	316,605	334,997	363,319	281,776	300,203	319,586	341,740	372,179	391,213
Proprietors' income[6]	199,937	192,830	231,702	258,853	297,466	341,532	298,884	277,611	329,464	401,771	463,309	538,729
Farm	6,030	5,779	6,505	7,706	8,585	9,130	11,138	10,091	10,644	31,113	20,065	23,297
Nonfarm	193,907	187,051	225,197	251,147	288,881	332,402	287,746	267,520	318,820	370,658	443,244	515,432
Earnings by industry:												
Farm	8,286	8,353	8,973	10,109	11,000	11,562	17,233	17,146	17,885	38,358	26,229	29,924
Nonfarm	3,137,319	3,321,335	3,629,093	4,021,779	4,383,493	4,853,573	3,563,354	3,720,032	4,047,563	4,511,138	4,983,345	5,417,633
Private	2,340,877	2,417,478	2,670,335	2,985,070	3,263,327	3,610,059	2,768,526	2,840,216	3,097,705	3,514,510	3,958,355	4,280,277
Agricultural services, forestry, fisheries, and other[7]	8,664	10,196	12,721	15,083	16,043	19,143	18,011	18,655	22,331	25,772	28,150	33,843
Agricultural services	8,589	10,216	12,413	14,812	15,861	18,911	17,833	18,575	21,878	25,377	27,647	33,260
Forestry, fisheries, and other[7]	75	(L)	308	271	182	232	178	80	453	395	503	583
Mining	14,345	14,129	10,909	12,028	16,639	16,887	262,784	171,880	141,477	132,211	117,817	104,290
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	54	60	84
Oil and gas extraction	(D)	12,705	9,467	10,611	15,323	16,131	19,971	17,779	15,412	15,924	22,972	22,733
Metal mining	0	(D)	(D)	(D)	(D)	(D)	242,108	153,486	125,362	115,488	93,930	80,982
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	678	593	684	745	855	491
Construction	90,927	96,830	107,343	129,898	142,322	172,466	295,737	274,469	343,165	431,359	499,602	538,531
Manufacturing	834,469	819,734	885,013	959,878	1,039,509	1,093,090	557,865	643,930	686,741	777,319	869,001	906,227
Nondurable goods	317,564	324,489	354,278	373,968	401,511	447,408	74,172	77,866	77,741	87,791	96,488	97,948
Food and kindred products	13,246	13,303	22,693	22,866	25,004	26,796	19,224	20,954	20,418	25,043	27,975	24,054
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Apparel and other textile products	10,029	9,554	5,740	(D)	(D)	3,647	3,987	4,158	2,717	2,243	2,000	1,676
Paper and allied products	16,958	19,159	22,078	23,921	25,068	27,612	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	77,842	85,444	87,962	93,503	103,415	110,457	30,115	31,613	33,769	37,076	41,357	45,599
Chemicals and allied products	110,805	116,231	124,115	134,617	145,223	178,377	3,224	3,765	3,268	3,860	5,105	5,389
Petroleum and coal products	40,633	39,543	52,050	54,885	61,632	64,808	(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	46,143	39,100	36,628	37,074	34,372	33,091	13,078	13,155	13,382	15,128	15,623	17,002
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	3,417	2,825	2,478	2,266	2,195	1,982
Durable goods	516,905	495,245	530,735	585,910	637,998	645,682	483,693	566,064	609,000	689,528	772,513	808,279
Lumber and wood products	(D)	576	645	772	780	1,483	3,791	3,712	4,533	5,509	7,848	10,496
Furniture and fixtures	3,114	3,142	3,017	3,624	3,794	4,614	824	724	994	1,173	1,907	1,908
Primary metal industries	(D)	(D)	(D)	1,601	(D)	(D)	13,225	5,405	2,553	5,183	3,630	1,287
Fabricated metal products	142,306	(D)	(D)	128,238	(D)	(D)	27,483	30,452	30,565	37,480	42,840	35,469
Machinery, except electrical	99,057	91,682	95,101	108,357	113,587	119,492	(D)	(D)	(D)	(D)	266,514	260,440
Electric and electronic equipment	177,730	192,036	225,920	234,349	243,373	239,151	43,556	49,631	54,998	68,895	71,415	80,109
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	181,334	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	3,513	(D)	(D)	5,845	5,362	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	36,899	34,497	34,265	37,511	43,751	44,732	25,442	23,127	28,179	35,442	38,809	39,079
Instruments and related products	21,129	22,884	22,657	35,448	39,243	38,650	9,326	12,237	15,555	25,064	42,481	52,794
Miscellaneous manufacturing industries	20,519	27,270	30,289	30,165	28,479	31,646	3,125	3,908	5,201	6,745	7,502	8,045
Transportation and public utilities	136,826	143,979	145,727	155,725	169,536	183,083	221,128	244,081	258,555	267,979	286,565	283,060
Railroad transportation	17,075	13,536	10,472	9,376	7,653	7,857	30,691	35,586	42,259	45,797	(D)	37,684
Trucking and warehousing	31,322	33,423	34,725	38,957	39,504	43,122	28,738	29,268	30,525	37,760	42,122	47,228
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	−344	50
Other transportation[8]	11,327	(D)	(D)	21,014	25,619	27,069	(D)	(D)	(D)	(D)	38,531	41,512
Communication	52,034	57,470	54,888	52,495	52,773	57,302	79,349	91,740	96,215	92,362	101,009	87,698
Electric, gas, and sanitary services	(D)	25,730	29,679	(D)	(D)	(D)	49,965	55,058	57,618	58,616	(D)	68,888
Wholesale trade	133,783	140,918	147,111	187,015	199,127	212,830	114,628	119,523	120,429	144,675	165,580	170,515
Retail trade	227,327	238,046	270,861	292,431	322,888	353,579	396,636	420,720	450,763	497,193	560,267	599,344
Finance, insurance, and real estate	144,771	134,969	163,504	182,184	209,342	240,864	151,850	134,306	173,776	205,622	257,547	310,103
Banking and credit agencies	49,577	46,424	50,034	55,622	69,359	80,962	54,473	58,552	65,158	75,022	88,303	102,878
Other finance, insurance, and real estate[9]	95,194	88,545	113,470	126,562	139,983	159,902	97,377	75,754	108,618	130,600	169,244	207,225
Services	749,765	818,677	927,146	1,050,828	1,147,921	1,318,117	749,887	812,652	900,468	1,032,380	1,173,826	1,334,364
Hotels and other lodging places	7,334	6,982	8,137	7,891	14,632	26,143	27,316	30,793	40,708	41,985	51,798	63,903
Personal services	21,584	(D)	(D)	(D)	(D)	(D)	41,145	46,238	46,842	53,425	63,209	68,453
Private households	14,860	15,938	16,603	18,515	18,642	19,246	(D)	17,575	18,700	21,343	22,168	23,594
Business services	181,564	211,632	255,567	307,327	343,769	417,457	98,432	113,451	130,503	166,861	194,037	224,984
Auto repair, services, and garages	17,698	17,598	18,352	22,978	25,228	28,841	38,896	36,999	43,369	50,318	55,606	62,785
Miscellaneous repair services	9,885	11,008	12,656	14,563	13,715	13,366	15,820	16,744	20,382	23,553	20,487	24,182
Amusement and recreation services	6,980	6,856	7,513	8,540	10,276	11,228	19,501	(D)	(D)	24,470	28,455	32,127
Motion pictures	976	1,094	1,279	1,252	1,026	1,069	3,393	3,627	3,772	3,000	4,093	5,081
Health services	182,514	211,231	232,757	252,895	270,530	305,370	259,456	298,583	324,161	351,921	403,819	471,510
Legal services	32,196	35,657	40,636	47,936	53,774	62,306	46,344	54,644	64,443	75,454	87,142	98,609
Educational services	143,520	(D)	(D)	(D)	(D)	(D)	11,162	12,382	14,012	15,721	16,847	16,762
Social services	23,472	24,942	26,737	29,875	34,026	37,678	32,861	33,912	35,475	41,924	49,000	54,377
Museums, botanical, zoological gardens	108	128	160	171	210	249	(D)	(D)	(D)	2,073	2,262	2,376
Membership organizations	37,490	40,062	44,387	48,084	50,694	53,773	36,695	41,345	45,767	49,472	51,712	53,584
Miscellaneous services	69,584	60,676	65,017	72,491	82,103	92,671	101,222	84,616	88,948	110,860	123,191	132,037
Government and government enterprises	796,442	903,857	958,758	1,036,709	1,120,166	1,243,514	794,828	879,816	949,858	996,628	1,024,990	1,137,356
Federal, civilian	77,203	78,263	83,913	88,428	94,870	97,921	147,592	151,986	165,744	178,244	194,423	193,237
Military	4,617	5,492	6,703	8,623	9,064	10,097	94,320	116,439	135,171	125,569	104,744	126,699
State and local	714,622	820,102	868,142	939,658	1,016,232	1,135,496	552,916	611,391	648,943	692,815	725,823	817,420

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Tulsa, OK (MSA)						Tuscaloosa, AL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**8,439,967**	**9,163,519**	**9,175,478**	**9,649,957**	**10,132,339**	**10,241,930**	**1,126,715**	**1,200,568**	**1,275,854**	**1,398,378**	**1,516,484**	**1,634,141**
Nonfarm personal income	8,397,019	9,122,438	9,135,508	9,611,202	10,096,664	10,197,311	1,119,724	1,193,328	1,270,364	1,390,423	1,508,788	1,627,278
Farm income[1]	42,948	41,081	39,970	38,755	35,675	44,619	6,991	7,240	5,490	7,955	7,696	6,863
Population (thousands)[2]	678.1	706.2	721.5	728.5	728.0	733.5	138.2	137.0	137.1	137.7	139.5	141.3
Per capita personal income (dollars)	**12,447**	**12,976**	**12,716**	**13,247**	**13,918**	**13,963**	**8,152**	**8,764**	**9,309**	**10,156**	**10,874**	**11,568**
Derivation of total personal income:												
Total earnings by place of work	6,879,838	7,357,010	7,212,914	7,552,135	7,863,710	7,876,396	849,736	899,186	944,762	1,051,542	1,139,965	1,237,162
Less: Personal contributions for social insurance[3]	379,469	414,974	443,153	464,513	507,745	511,274	46,975	51,931	54,192	61,572	68,395	71,038
Plus: Adjustment for residence	−162,879	−183,260	−122,209	−98,032	−109,725	−124,745	−11,482	−17,505	−14,798	−23,275	−29,573	−31,348
Equals: Net earnings by place of residence	6,337,490	6,758,776	6,647,552	6,989,590	7,246,240	7,240,377	791,279	829,750	875,772	966,695	1,041,997	1,134,776
Plus: Dividends, interest, and rent[5]	1,265,318	1,437,413	1,463,763	1,582,748	1,722,277	1,758,669	142,584	153,374	161,901	183,131	202,860	214,863
Plus: Transfer payments	837,159	967,330	1,064,163	1,077,619	1,163,822	1,242,884	192,852	217,444	238,181	248,552	271,627	284,502
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	5,547,649	5,973,625	5,789,887	6,038,474	6,277,518	6,229,507	691,515	736,127	768,415	854,543	926,374	1,005,212
Other labor income	606,469	675,122	651,900	658,717	668,750	676,612	72,078	82,308	84,992	92,785	99,046	107,278
Proprietors' income[6]	725,720	708,263	771,127	854,944	917,442	970,277	86,143	80,751	91,355	104,214	114,545	124,672
Farm	36,286	34,066	33,205	32,091	28,956	37,894	6,150	6,331	4,619	7,104	6,830	5,997
Nonfarm	689,434	674,197	737,922	822,853	888,486	932,383	79,993	74,420	86,736	97,110	107,715	118,675
Earnings by industry:												
Farm	42,948	41,081	39,970	38,755	35,675	44,619	6,991	7,240	5,490	7,955	7,696	6,863
Nonfarm	6,836,890	7,315,929	7,172,944	7,513,380	7,828,035	7,831,777	842,745	891,946	939,272	1,043,587	1,132,269	1,230,299
Private	6,333,568	6,741,496	6,543,352	6,854,600	7,118,853	7,088,550	601,279	630,958	661,767	752,298	813,365	891,419
Agricultural services, forestry, fisheries, and other[7]	14,714	18,771	20,888	22,613	22,372	24,074	1,861	1,570	2,949	3,411	2,960	4,116
Agricultural services	14,388	18,686	20,436	22,366	22,146	23,810	1,599	1,599	2,295	2,550	2,528	3,572
Forestry, fisheries, and other[7]	326	85	452	247	226	264	262	(L)	654	861	432	544
Mining	872,600	974,605	875,134	821,375	831,237	722,903	80,107	105,204	89,036	116,744	140,547	136,664
Coal mining	(D)	(D)	(D)	(D)	(D)	14,377	76,351	101,007	85,017	112,182	134,070	130,474
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Metal mining	(D)	(D)	(D)	(D)	(D)	792	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	8,298*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	435,523	487,534	484,422	524,386	493,907	482,524	46,136	35,684	37,186	44,018	50,721	59,738
Manufacturing	1,578,569	1,535,027	1,327,479	1,448,104	1,514,877	1,497,850	174,108	176,269	195,763	218,551	218,117	249,948
Nondurable goods	265,446	264,723	246,999	296,245	300,811	309,456	123,820	132,405	145,959	152,641	169,536	194,896
Food and kindred products	44,678*	48,565*	49,615*	52,584*	55,187*	58,517*	17,278	16,699	15,998	17,044	18,332	17,984
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	0	0	0	0
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,092	1,676
Paper and allied products	(D)	8,331	8,427	9,784	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	67,579*	75,166*	70,378*	76,253*	81,836*	82,755*	4,929	5,764	6,452	6,754	8,001	8,973
Chemicals and allied products	31,811*	30,532*	30,720*	34,506*	33,190*	31,333*	8,799	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	65,360	60,281	45,061	72,089	70,193	79,741	17,684	20,885	23,401	22,850	21,862	23,813
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	27,929*	25,759*	26,939*	33,120*	33,002*	32,549*	(D)	(D)	(D)	(D)	88,593	113,779
Leather and leather products	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	1,313,123	1,270,304	1,080,480	1,151,859	1,214,066	1,188,394	50,288	43,864	49,804	65,910	48,581	55,052
Lumber and wood products	9,408	9,615*	11,133*	12,549*	8,969*	8,326*	11,962	9,820	13,553	18,688	19,943	19,903
Furniture and fixtures	9,566*	10,991*	11,751*	14,989*	15,422	18,340	(D)	(D)	(D)	(D)	374	276
Primary metal industries	71,280*	62,275*	51,959*	58,833*	58,161*	56,043*	4,510	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	352,897*	336,492*	246,436*	243,146*	247,011*	225,682*	17,160	17,190	18,461	25,345	6,222	6,366
Machinery, except electrical	406,777*	373,612*	303,467*	328,252*	351,117*	320,328*	4,134	4,181	3,578	4,053	13,558	15,040
Electric and electronic equipment	58,211*	66,493*	71,417*	79,923*	80,657*	72,505*	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	212,929*	219,322*	196,838*	204,762*	239,964*	270,206*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	15,022	(D)	(D)	(D)	(D)	(D)	8,376	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	91,902*	97,717*	103,378*	109,403*	117,307*	116,799*	2,496	2,636	2,970	3,836	4,266	5,451
Instruments and related products	30,025*	32,420*	16,846*	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	38,230	25,295	31,098	46,786	38,392	42,162	(D)	(D)	(D)	1,381	1,208	1,365
Transportation and public utilities	649,634	689,399	725,475	723,343	766,150	830,031	42,210	44,943	47,318	51,772	54,410	56,873
Railroad transportation	23,949	24,022	26,758	28,035	24,947	23,246	3,741	3,481	3,385	3,311	2,962	2,035
Trucking and warehousing	130,297	115,187*	110,792*	(D)	121,839*	123,632	11,497	12,139	13,503	17,115	17,976	18,823
Water transportation	(D)	(D)	(D)	2,041*	(D)	(D)	3,661	4,026	4,266	4,846	5,091	5,514
Other transportation[8]	283,712*	(D)	(D)	(D)	(D)	(D)	1,388	1,416	1,400	1,288	1,363	1,388
Communication	114,325*	132,836*	132,038*	124,383*	128,308	142,039*	11,751	12,653	12,674	11,653	12,087	13,319
Electric, gas, and sanitary services	(D)	(D)	(D)	121,437*	(D)	140,450*	10,172	11,228	12,090	13,559	14,931	15,794
Wholesale trade	625,576	648,925	576,779	579,197	602,353	576,572	26,370	28,981	29,344	33,310	36,807	38,676
Retail trade	604,800	657,988	686,235	733,446	747,611	751,327	87,567	90,983	98,108	104,528	110,589	120,660
Finance, insurance, and real estate	334,719	350,807	405,540	434,281	457,902	491,134	27,508	26,800	29,940	31,753	35,137	42,500
Banking and credit agencies	114,743*	(D)	(D)	(D)	167,744*	171,910*	11,994	12,491	13,045	13,972	15,225	16,803
Other finance, insurance, and real estate[9]	211,052*	(D)	(D)	(D)	277,483*	305,412*	15,514	14,309	16,895	17,781	19,912	25,697
Services	1,217,433	1,378,440	1,441,400	1,567,855	1,682,444	1,712,135	115,412	120,524	132,123	148,211	164,077	182,244
Hotels and other lodging places	29,554	32,779*	35,257*	39,956*	37,749*	34,733*	5,076	4,312	4,717	4,884	5,630	5,055
Personal services	57,317	64,404	69,382	69,628	81,345	85,571	7,992	8,243	8,532	9,230	10,682	11,475
Private households	22,676	25,193	26,805	29,676	29,632	30,337	(D)	(D)	(D)	(D)	(D)	(D)
Business services	214,916	259,178	269,363	319,348	364,892	364,199	8,962	10,796	11,748	12,606	15,467	17,830
Auto repair, services, and garages	59,482	61,297	67,333	76,681	81,513	85,267	6,668	5,496	7,191	7,600	8,144	8,639
Miscellaneous repair services	20,662	19,243	20,316	22,896	23,032	19,426	1,695	1,800	1,957	2,336	2,090	2,298
Amusement and recreation services	22,699*	25,010*	25,185*	33,296*	29,258*	26,827*	1,494	1,403	1,588	1,828	1,996	2,124
Motion pictures	4,198*	4,953*	4,519*	5,951*	8,021*	4,135	(D)	(D)	(D)	(D)	(D)	(D)
Health services	378,668	449,233	475,929	490,860	522,668	555,473	41,594	47,178	51,902	57,997	62,384	71,222
Legal services	80,270	95,242	110,580	133,645	145,800	157,141	8,096	9,526	10,128	11,832	13,393	15,137
Educational services	(D)	(D)	(D)	(D)	(D)	(D)	3,420	3,606	3,927	4,510	4,926	5,131
Social services	30,187*	32,761*	35,123*	40,137	40,342*	44,444*	2,403	2,043	2,193	2,468	2,556	2,665
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	45,015*	52,836	56,196	57,351	60,258	59,238	6,541	6,884	6,918	7,153	7,392	7,467
Miscellaneous services	186,872	188,801	175,604	178,513	185,567	173,954	17,685	15,192	17,103	21,139	24,782	27,529
Government and government enterprises	503,322	574,433	629,592	658,780	709,182	743,227	241,466	260,988	277,505	291,289	318,904	338,880
Federal, civilian	99,046	109,163	117,484	127,982	136,065	137,545	34,031	35,889	37,962	40,569	41,246	44,277
Military	17,562	22,631	24,665	24,935	26,260	29,141	5,453	7,073	7,009	7,222	8,009	8,727
State and local	386,714	442,639	487,443	505,863	546,857	576,541	201,982	218,026	232,534	243,498	269,649	285,876

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Tyler, TX (MSA)						Utica—Rome, NY (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,486,805**	**1,660,092**	**1,780,761**	**1,929,063**	**2,066,491**	**2,128,613**	**2,960,527**	**3,171,620**	**3,349,960**	**3,644,913**	**3,818,479**	**4,019,195**
Nonfarm personal income	1,474,446	1,639,361	1,748,482	1,915,648	2,037,889	2,096,879	2,937,656	3,147,821	3,337,026	3,626,352	3,796,799	3,991,922
Farm income[1]	12,359	20,731	32,279	13,415	28,602	31,734	22,871	23,799	12,934	18,561	21,680	27,273
Population (thousands)[2]	132.8	137.5	141.8	146.2	150.5	152.1	319.2	318.7	318.6	317.8	316.5	315.4
Per capita personal income (dollars)	**11,198**	**12,075**	**12,554**	**13,198**	**13,728**	**13,997**	**9,276**	**9,952**	**10,513**	**11,468**	**12,065**	**12,742**
Derivation of total personal income:												
Total earnings by place of work	1,135,356	1,252,999	1,362,869	1,498,012	1,583,300	1,612,814	1,971,093	2,057,208	2,164,432	2,375,864	2,497,586	2,637,648
Less: Personal contributions for social insurance[3]	57,952	65,251	71,214	79,831	87,909	90,094	117,542	123,321	131,988	146,284	158,932	168,594
Plus: Adjustment for residence	−49,571	−59,390	−65,977	−78,075	−78,611	−79,224	14,390	23,313	29,529	27,343	32,969	26,991
Equals: Net earnings by place of residence	1,027,833	1,128,358	1,225,678	1,340,106	1,416,780	1,443,496	1,867,941	1,957,200	2,061,973	2,256,923	2,371,623	2,496,045
Plus: Dividends, interest, and rent[5]	285,502	334,901	336,777	361,388	400,346	414,346	486,057	532,777	552,992	616,766	631,881	672,485
Plus: Transfer payments	173,470	196,833	218,306	227,569	249,365	270,771	606,529	681,643	734,995	771,224	814,975	850,665
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	872,654	972,320	1,039,058	1,163,673	1,213,285	1,217,376	1,646,807	1,728,577	1,801,833	1,969,489	2,074,043	2,174,817
Other labor income	95,623	108,559	117,627	126,149	125,787	127,553	159,571	171,840	178,404	187,657	192,123	198,650
Proprietors' income[6]	167,079	172,120	206,184	208,190	244,228	267,885	164,715	156,791	184,195	218,718	231,420	264,181
Farm	8,729	16,238	27,952	9,159	24,292	27,417	14,858	14,496	4,037	9,846	12,843	18,425
Nonfarm	158,350	155,882	178,232	199,031	219,936	240,468	149,857	142,295	180,158	208,872	218,577	245,756
Earnings by industry:												
Farm	12,359	20,731	32,279	13,415	28,602	31,734	22,871	23,799	12,934	18,561	21,680	27,273
Nonfarm	1,122,997	1,232,268	1,330,590	1,484,597	1,554,698	1,581,080	1,948,222	2,033,409	2,151,498	2,357,303	2,475,906	2,610,375
Private	1,014,960	1,108,078	1,189,414	1,330,251	1,383,014	1,402,455	1,467,152	1,512,419	1,596,020	1,757,542	1,835,408	1,945,128
Agricultural services, forestry, fisheries, and other[7]	4,558	5,086	6,419	7,489	7,173	7,911	4,474	3,932	5,045	5,174	4,885	5,695
Agricultural services	4,520	5,098	6,300	7,404	7,127	7,853	(D)	3,858	4,318	4,649	4,291	4,965
Forestry, fisheries, and other[7]	(L)	(L)	119	85	(L)	58	(D)	74	727	525	594	730
Mining	106,088	137,517	122,149	130,025	118,874	82,002	8,012	7,643	6,837	7,929	10,915	11,183
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	663	691	721
Oil and gas extraction	102,669	136,097	121,939	129,826	118,688	81,811	5,493	5,102	3,954	4,475	6,820	7,027
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	2,154*	2,164*	(D)	2,798	3,397	3,410
Construction	70,953	78,924	92,945	105,569	107,413	117,500	75,007	74,492	81,168	98,806	110,888	123,306
Manufacturing	279,509	279,949	293,308	337,125	333,355	349,932	602,171	598,405	599,314	654,275	649,954	653,531
Nondurable goods	100,056	101,125	104,253	115,632	118,165	123,954	107,471	112,633	115,850	119,516	115,283	111,486
Food and kindred products	14,869	15,638	14,460	14,498	14,626	15,197	31,892	33,461	31,385	32,194	29,461	29,312
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	16,295
Apparel and other textile products	10,588	8,500	7,376	7,489	10,165	(D)	(D)	(D)	(D)	9,369*	(D)	(D)
Paper and allied products	(D)	(D)	(D)	(D)	(D)	10,850	13,691	(D)	(D)	15,129	14,937	15,279
Printing and publishing	5,466	6,315	7,326	8,400	8,307	7,034	15,737	16,875	18,437	19,682	20,548	22,666
Chemicals and allied products	2,915	2,611	2,693	2,040	2,211	2,322	397*	551	600	655	757	859
Petroleum and coal products	11,989	12,626	13,993	16,237	12,537	11,868	4,006	4,110	4,421	4,053	5,854	3,814
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)	1,969	(D)	(D)	(D)	(D)	2,604
Leather and leather products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	179,453	178,824	189,055	221,493	215,190	225,978	494,700	485,772	483,464	534,759	534,671	542,045
Lumber and wood products	4,081	4,048	4,439	5,064	6,380	5,210	3,111	2,306	2,575	3,043	3,278	7,821
Furniture and fixtures	6,642	(D)	(D)	(D)	1,953	1,921	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	73,911	(D)	(D)	113,455*	105,129*	106,469*	126,849*	118,338	114,592
Fabricated metal products	27,201	12,561	10,984	12,640	10,252	11,483	(D)	(D)	(D)	(D)	(D)	66,460
Machinery, except electrical	73,901	87,948	94,175	114,316	110,590	124,002	93,033	90,462	91,220	102,169	94,257	84,744
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	0	0	0	0	0	(D)	(D)	(D)	33,378	36,824	42,195
Motor vehicles and equipment	203	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	7,444	5,546	6,518	5,634	5,507	5,119	5,851	5,175	5,695	6,240	6,781	7,118
Instruments and related products	391	(D)	(D)	(D)	(D)	(D)	8,589	9,224	10,522	11,718	9,155	10,361
Miscellaneous manufacturing industries	1,755	6,885	6,170	8,075	7,427	5,362	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	67,414	75,411	82,282	87,394	95,402	95,555	102,537	114,065	119,093	129,875	136,564	142,741
Railroad transportation	12,345	11,875	11,901	13,623	13,048	10,922	9,137	7,683	6,743	7,684	8,137	7,330
Trucking and warehousing	16,339	18,605	17,417	19,041	20,076	18,871	26,035	26,187	28,033	31,168	29,266	28,984
Water transportation	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	3,945	(D)	(D)	(D)	(D)	(D)	(D)	13,710	16,813	23,942	28,658	33,373
Communication	23,986	27,109	30,356	28,183	33,904	37,152	39,541	48,307	46,678	43,921	45,213	47,577
Electric, gas, and sanitary services	10,827	13,509	18,431	21,353	22,748	23,177	16,988	(D)	(D)	(D)	(D)	(D)
Wholesale trade	62,645	70,040	72,613	80,629	87,023	87,316	93,785	99,562	99,062	110,094	108,998	115,524
Retail trade	145,497	162,676	182,557	195,835	207,165	211,765	179,768	186,510	206,003	220,916	235,786	257,418
Finance, insurance, and real estate	51,991	54,739	66,401	75,450	87,460	93,956	89,028	90,175	112,882	123,290	123,014	142,441
Banking and credit agencies	20,903	24,419	28,271	31,200	34,681	35,650	28,091	(D)	(D)	(D)	(D)	(D)
Other finance, insurance, and real estate[9]	31,088	30,320	38,130	44,250	52,779	58,306	60,937	58,311*	73,697*	78,530*	85,039*	99,765*
Services	226,305	243,736	270,740	310,735	339,149	356,518	312,370	337,635	366,616	407,183	454,404	493,289
Hotels and other lodging places	3,197	3,176	2,898	3,748	4,521	2,692	7,451	6,164	6,530	6,311	6,046	6,407
Personal services	13,280	15,670	17,463	19,194	22,144	22,767	20,485	22,790	24,250	26,257	30,364	31,951
Private households	6,520	7,234	7,712	8,676	8,837	9,207	(D)	6,512	6,777	7,518	7,528	7,711
Business services	35,095	39,150	45,272	51,222	56,196	56,320	31,048	35,222	41,288	50,661	56,556	66,314
Auto repair, services, and garages	11,988	12,134	12,925	14,469	14,706	14,901	14,767	12,787	13,644	15,581	19,106	20,925
Miscellaneous repair services	4,175	4,371	4,752	6,158	5,605	5,981	5,852	6,158	7,641	8,048	7,380	7,740
Amusement and recreation services	2,774	3,087	6,021	6,935	7,503	6,815	7,892	7,857	7,932	8,930	9,805	10,168
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	330	(D)	(D)	(D)	(D)	(D)
Health services	84,200	96,424	106,529	119,930	126,121	137,243	121,229	144,399	154,059	165,991	184,216	195,147
Legal services	13,286	14,624	19,366	23,762	29,169	31,450	16,094	17,919	20,658	24,642	27,431	30,127
Educational services	3,007	3,127	3,046	3,305	3,368	3,533	18,994	19,769	21,072	23,139	24,696	26,688
Social services	2,908	3,341	3,985	4,599	5,011	6,025	18,473	13,074	14,740	16,052	18,713	21,746
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	303*	(D)	(D)	(D)	457*	515*
Membership organizations	7,145	8,041	8,240	8,666	9,425	9,932	19,749	22,933	23,758	25,400	27,042	28,243
Miscellaneous services	38,193	32,820	31,991	39,386	45,842	49,190	23,572	21,583	23,745	27,987	34,754	39,300
Government and government enterprises	108,037	124,190	141,176	154,346	171,684	178,625	481,070	520,990	555,478	599,761	640,498	665,247
Federal, civilian	14,059	15,439	16,454	18,381	20,754	21,177	111,745	116,077	119,479	123,400	132,066	134,391
Military	1,765	2,326	2,404	2,425	2,779	2,990	64,225	73,983	84,864	94,627	98,693	93,759
State and local	92,213	106,425	122,318	133,540	148,151	154,458	305,100	330,930	351,135	381,734	409,739	437,097

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Vallejo—Fairfield—Napa, CA (PMSA)						Vancouver, WA (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**3,959,760**	**4,209,053**	**4,571,609**	**4,947,363**	**5,449,434**	**5,706,556**	**2,051,171**	**2,094,219**	**2,235,291**	**2,427,219**	**2,584,895**	**2,716,666**
Nonfarm personal income	3,877,889	4,130,327	4,502,991	4,868,355	5,366,728	5,630,517	2,032,193	2,077,294	2,217,681	2,408,984	2,565,591	2,694,778
Farm income[1]	81,871	78,726	68,618	79,008	82,706	76,039	18,978	16,925	17,610	18,235	19,304	21,888
Population (thousands)[2]	345.9	356.6	363.8	368.5	377.9	392.3	196.9	200.4	200.8	203.3	207.0	211.3
Per capita personal income (dollars)	**11,446**	**11,804**	**12,567**	**13,425**	**14,421**	**14,547**	**10,416**	**10,452**	**11,134**	**11,937**	**12,487**	**12,855**
Derivation of total personal income:												
Total earnings by place of work	2,261,564	2,443,246	2,651,753	2,907,184	3,199,262	3,410,804	1,111,106	1,118,063	1,223,139	1,384,314	1,451,080	1,565,340
Less: Personal contributions for social insurance[3]	122,426	136,119	152,856	168,178	190,711	204,878	59,952	63,506	70,273	79,833	86,891	94,092
Plus: Adjustment for residence	536,701	515,007	589,640	645,873	732,871	679,087	413,415	395,605	382,793	369,826	407,506	385,228
Equals: Net earnings by place of residence	2,675,839	2,822,134	3,088,537	3,384,879	3,741,422	3,885,013	1,464,569	1,450,162	1,535,659	1,674,307	1,771,695	1,856,476
Plus: Dividends, interest, and rent[4]	579,580	618,887	671,146	728,161	795,719	857,376	292,595	308,569	337,556	365,710	391,352	415,528
Plus: Transfer payments	704,341	768,032	811,926	834,323	912,293	964,167	294,007	335,488	362,076	387,202	421,848	444,662
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,849,241	2,005,740	2,165,679	2,355,566	2,594,930	2,759,288	900,562	909,465	986,551	1,115,814	1,170,799	1,259,554
Other labor income	145,535	167,112	185,119	200,302	215,239	229,435	77,159	82,607	93,177	103,520	106,504	112,793
Proprietors' income[6]	266,788	270,394	300,955	351,316	389,093	422,081	133,385	125,991	143,411	164,980	173,777	192,993
Farm	54,989	47,567	38,492	48,584	50,685	44,106	16,338	13,695	14,495	15,158	16,197	18,789
Nonfarm	211,799	222,827	262,463	302,732	338,408	377,975	117,047	112,296	128,916	149,822	157,580	174,204
Earnings by industry:												
Farm	81,871	78,726	68,618	79,008	82,706	76,039	18,978	16,925	17,610	18,235	19,304	21,888
Nonfarm	2,179,693	2,364,520	2,583,135	2,828,176	3,116,556	3,334,765	1,092,128	1,101,138	1,205,529	1,366,079	1,431,776	1,543,452
Private	1,318,914	1,427,677	1,555,949	1,766,155	1,969,966	2,174,910	873,440	874,107	965,237	1,111,619	1,154,980	1,254,710
Agricultural services, forestry, fisheries, and other[7]	18,572	20,394	23,180	25,256	24,995	28,227	5,706	4,798	7,150	6,270	6,375	7,554
Agricultural services	18,316	20,341	22,542	24,888	24,337	27,472	3,801	3,289	3,805	3,762	3,513	4,463
Forestry, fisheries, and other[7]	256	53	638	368	658	755	1,905	1,509	3,345	2,508	2,862	3,091
Mining	20,490	15,862	15,343	15,469	17,447	16,147	6,261	8,578	4,244	4,292	3,972	3,832
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	3,038	2,981	2,210	2,276	2,977	3,030
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	3,215	5,589	2,025	1,999	977	783
Construction	157,017	153,508	197,347	245,217	286,893	342,825	94,373	80,551	89,052	135,090	104,578	118,434
Manufacturing	265,488	286,668	283,453	301,909	326,130	351,286	314,477	314,796	351,281	400,733	420,422	437,460
Nondurable goods	156,399	180,171	192,088	203,513	225,431	246,671	154,348	159,605	170,991	187,981	202,349	203,627
Food and kindred products	96,950	110,224	114,074	124,072	138,053	152,764	26,440	28,426	27,890	28,816	32,196	27,699
Textile mill products	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	7,813*	6,826*	7,843*	7,554*	7,642*	6,918*	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	644	859	1,023	(D)	(D)	(D)	(D)	(D)	120,880	129,768	134,354
Printing and publishing	12,139	13,372	14,609	15,985	19,630	21,880	(D)	10,137	11,974	13,019	13,961	15,330
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	10,802*	4,177	4,356	4,122	3,406	4,930	3,924
Petroleum and coal products	25,001	32,668	37,880	37,131	36,915	38,461	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)	5,158	4,955	6,830	7,172	6,832	7,821
Leather and leather products	(D)	(D)	(D)	(D)	2,317	2,621	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	109,089	106,497	91,365	98,396	100,699	104,615	160,129	155,191	180,290	212,752	218,073	233,833
Lumber and wood products	7,129	4,450	3,956	4,449	3,271	4,130	34,789	30,219	31,375	34,799	32,163	35,816
Furniture and fixtures	(D)	(D)	(D)	(D)	7,094*	6,916*	2,400	2,127	3,393	4,140	4,457	4,154
Primary metal industries	(D)	38,705	22,101	25,914	(D)	(D)	42,576	35,327	38,855	38,890	42,905	34,016
Fabricated metal products	(D)	(D)	(D)	14,288	18,493	27,981	18,350	12,907	12,148	13,118	12,640	15,075
Machinery, except electrical	8,229	9,187	8,923	10,016	11,682	11,855	26,413	27,472	33,086	43,280	37,958	42,345
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	2,540	5,435	13,209	21,955	31,464	41,199
Transportation equip. exc. motor vehicles	6,916	(D)	13,762*	(D)	911	1,384*	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	3,486	3,074	2,842	2,613*	2,603*	3,283*	(D)	(D)	(D)	(D)	(D)	900
Stone, clay, and glass products	17,494	13,745	14,094	17,233	18,853	20,995	8,674	4,834	3,690	3,004	3,131	2,597
Instruments and related products	3,388	2,672	2,861	3,997	4,542	3,350	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	1,673	1,171*	1,376*	1,908	2,165	2,561	2,238	1,768	1,689	2,110	2,090	2,219
Transportation and public utilities	114,871	125,367	133,284	137,089	142,250	152,423	69,892	80,283	85,816	96,115	100,440	107,505
Railroad transportation	(D)	3,953	3,635	3,625	3,131	2,880	20,279	21,405	23,404	24,431	21,758	20,544
Trucking and warehousing	26,142	28,576	30,697	40,349	41,728	44,685	20,509	21,012	20,444	25,028	23,676	26,361
Water transportation	2,181*	4,274*	4,687*	5,335	9,009	8,205*	11,627	13,606	13,349	11,802	11,169	11,613
Other transportation[8]	(D)	21,105	26,139	(D)	(D)	(D)	3,294	3,455	3,293	3,789	5,323	6,164
Communication	(D)	(D)	(D)	(D)	(D)	(D)	12,325	18,748	23,318	29,062	36,147	40,525
Electric, gas, and sanitary services	23,332	(D)	(D)	(D)	(D)	(D)	1,858	2,057	2,008	2,003	2,367	2,298
Wholesale trade	57,092	63,247	68,695	79,292	89,476	98,136	35,891	36,564	40,547	44,569	53,851	63,107
Retail trade	255,030	283,473	321,683	347,762	377,579	411,082	120,566	122,414	130,287	138,410	145,702	155,554
Finance, insurance, and real estate	57,048	54,604	67,459	82,069	102,166	111,558	39,240	36,008	48,302	54,834	59,967	71,721
Banking and credit agencies	27,683	31,330	36,269	45,135	54,134	48,967	15,099	16,684	18,778	20,716	22,592	25,027
Other finance, insurance, and real estate[9]	29,365	23,274	31,190	36,934	48,032	62,591	24,141	19,324	29,524	34,118	37,375	46,694
Services	373,306	424,554	445,505	532,092	603,030	663,226	187,034	190,115	208,558	231,306	259,673	289,543
Hotels and other lodging places	8,312	9,737	12,367	14,338	14,553	15,762	8,555	3,744	5,874	5,370	4,501	8,217
Personal services	19,511	22,464	24,950	28,288	34,538	38,231	11,946	12,799	13,245	14,450	17,642	20,132
Private households	6,314	6,862	7,251	8,163	8,341	8,736	2,626	2,825	2,943	3,288	3,328	3,446
Business services	50,848	67,090	73,917	92,448	106,390	116,401	23,468	25,742	28,772	36,162	42,894	49,274
Auto repair, services, and garages	27,494	27,023	30,177	36,787	39,761	44,129	16,545	13,266	14,824	17,517	18,763	20,302
Miscellaneous repair services	11,206	10,871	13,477	21,197	23,073	21,704	5,258	5,707	7,285	7,773	7,058	8,277
Amusement and recreation services	11,092	12,717	13,408	(D)	(D)	(D)	4,115	4,316	4,825	5,715	7,653	8,275
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,148
Health services	149,233	177,941	175,746	211,291	238,299	264,173	72,000	78,850	83,149	85,160	95,406	103,071
Legal services	11,967	11,913	14,404	17,317	20,290	22,453	8,497	9,547	10,642	12,032	13,330	15,298
Educational services	17,686	17,699	18,346	18,697	21,103	22,826	3,550	3,713	4,113	5,172	5,966	6,360
Social services	8,892	10,212	11,013	13,830	16,986	21,122	4,542	5,662	6,717	8,263	8,988	9,274
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0
Membership organizations	20,985	23,676	25,219	26,125	27,557	27,505	11,952	12,401	13,140	13,678	14,227	13,692
Miscellaneous services	29,012	25,295	23,939	26,816	32,332	37,658	13,616	11,034	12,338	15,725	18,762	22,777
Government and government enterprises	860,779	936,843	1,027,186	1,062,021	1,146,590	1,159,855	218,688	227,031	240,292	254,460	276,796	288,742
Federal, civilian	338,938	373,726	442,160	452,745	489,837	488,213	66,901	70,279	72,468	73,295	80,315	79,393
Military	200,646	228,510	234,364	228,277	230,922	229,487	4,127	5,124	5,764	6,319	6,821	7,642
State and local	321,195	334,607	350,662	380,999	425,831	442,155	147,660	151,628	162,060	174,846	189,660	201,707

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Victoria, TX (MSA)						Vineland—Millville—Bridgeton, NJ (PMSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**869,389**	**946,584**	**922,908**	**988,818**	**1,040,025**	**1,016,939**	**1,266,408**	**1,339,730**	**1,434,101**	**1,534,608**	**1,639,846**	**1,723,250**
Nonfarm personal income	865,300	938,432	916,645	983,862	1,034,373	1,012,914	1,251,124	1,322,358	1,416,463	1,516,353	1,617,028	1,700,003
Farm income[1]	4,089	8,152	6,263	4,956	5,652	4,025	15,284	17,372	17,638	18,255	22,818	23,247
Population (thousands)[2]	71.0	73.7	74.5	74.7	75.3	76.0	133.9	133.8	133.0	133.8	134.8	135.3
Per capita personal income (dollars)	**12,241**	**12,849**	**12,388**	**13,231**	**13,811**	**13,384**	**9,459**	**10,013**	**10,783**	**11,469**	**12,162**	**12,732**
Derivation of total personal income:												
Total earnings by place of work	649,406	683,043	646,713	686,702	718,100	672,832	930,104	950,075	989,402	1,036,631	1,090,989	1,208,283
Less: Personal contributions for social insurance[3]	33,368	35,641	34,222	36,612	40,218	37,978	55,556	57,478	59,940	64,028	70,216	78,141
Plus: Adjustment for residence	53,010	58,695	58,683	64,183	66,043	69,824	−38,021	−31,841	−13,339	11,163	36,731	−19,829
Equals: Net earnings by place of residence	669,048	706,097	671,174	714,273	743,925	704,678	836,527	860,756	916,123	983,766	1,057,504	1,110,313
Plus: Dividends, interest, and rent[5]	122,088	151,367	151,126	172,599	185,316	191,570	178,788	199,847	218,993	236,724	252,797	269,870
Plus: Transfer payments	78,253	89,120	100,608	101,946	110,784	120,691	251,093	279,127	298,985	314,118	329,545	343,067
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	518,972	544,415	505,316	538,484	559,043	513,882	769,860	787,464	812,793	851,224	890,609	985,795
Other labor income	53,757	58,427	54,578	55,279	55,180	50,600	86,606	89,903	91,482	89,926	90,027	99,565
Proprietors' income[6]	76,677	80,201	86,819	92,939	103,877	108,350	73,638	72,708	85,127	95,481	110,353	122,923
Farm	2,677	6,573	4,742	3,459	4,136	2,504	5,903	7,260	7,984	8,893	13,431	13,846
Nonfarm	74,000	73,628	82,077	89,480	99,741	105,846	67,735	65,448	77,143	86,588	96,922	109,077
Earnings by industry:												
Farm	4,089	8,152	6,263	4,956	5,652	4,025	15,284	17,372	17,638	18,255	22,818	23,247
Nonfarm	645,317	674,891	640,450	681,746	712,448	668,807	914,820	932,703	971,764	1,018,376	1,068,171	1,185,036
Private	590,047	611,580	568,606	605,110	629,447	581,508	777,062	784,765	813,367	847,299	885,286	984,491
Agricultural services, forestry, fisheries, and other[7]	2,182	1,997	2,368	2,647	2,531	2,394	5,413	5,499	6,370	6,876	7,103	8,503
Agricultural services	2,154	1,980	2,310	2,634	2,448	2,304	(D)	4,370	5,107	5,504	5,173	6,394
Forestry, fisheries, and other[7]	(L)	(L)	58	(L)	83	90	(D)	1,129	1,263	1,372	1,930	2,109
Mining	109,647	98,977	78,340	85,056	81,162	49,495	11,844	10,126	9,368	9,822	10,552	12,224
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	2,610	1,878	1,606	1,722	2,622	2,705
Metal mining	0	0	0	0	0	0	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	9,230	8,244	7,757	8,095	7,925	9,514
Construction	82,061	95,658	73,791	75,646	75,408	69,769	50,203	45,877	49,040	58,312	64,028	70,429
Manufacturing	103,149	103,580	97,798	98,763	99,181	94,916	337,957	337,322	327,921	337,000	332,877	371,901
Nondurable goods	59,413	67,181	70,749	71,078	70,093	69,616	106,723	103,655	99,563	96,228	103,680	113,078
Food and kindred products	2,730	3,042	3,043	3,111	3,251	4,545	40,466	40,747	38,427	39,274	43,556	51,790
Textile mill products	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	0	0	0	(D)	(D)	(D)	23,616	21,403	20,419	19,296	19,601	17,622
Paper and allied products	0	0	0	0	0	0	5,093	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,427	4,022	4,088	4,453	4,923	4,769	14,050	13,967	8,410	8,332	9,088	9,799
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	5,217	5,397	5,523	6,673	7,182	6,637
Petroleum and coal products	(D)	0	0	0	0	0	(D)	140	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)	10,244	11,070	17,681	17,098	18,578	18,800
Leather and leather products	(D)	(D)	(D)	0	0	0	0	0	0	0	0	0
Durable goods	43,736	36,399	27,049	27,685	29,088	25,300	231,234	233,667	228,358	240,772	229,197	258,823
Lumber and wood products	229	(D)	(D)	333	224	194	2,277	1,932	2,843	3,813	(D)	(D)
Furniture and fixtures	0	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	(D)	(D)	217	(D)	(D)	(D)	(D)	(D)	1,198	(D)	(D)
Fabricated metal products	5,978	5,319	3,883	(D)	(D)	(D)	5,266	5,819	6,081	6,412	6,412	9,950
Machinery, except electrical	27,889	21,770	13,163	12,494	14,039	8,694	16,959	14,037	14,436	13,305	13,623	9,611
Electric and electronic equipment	53	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	2,743	2,152	2,759	17,904	19,560	22,211
Motor vehicles and equipment	0	0	0	0	0	0	316	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	6,394	6,336	6,990	7,254	7,210	8,390	192,115	196,933	188,599	184,364	170,796	189,839
Instruments and related products	0	(D)	(D)	(D)	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	133	161	332	458	449	539	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities	45,691	44,321	42,176	46,914	48,345	46,841	73,619	68,415	68,312	58,599	58,938	67,267
Railroad transportation	11,717	8,452	5,594	7,022	7,346	6,547	1,768	(D)	(D)	1,319	940	749
Trucking and warehousing	9,891	9,623	9,523	11,709	11,860	11,348	38,162	34,607	34,775	37,564	37,861	45,400
Water transportation	0	0	0	0	0	0	(D)	89	91	(D)	(D)	(D)
Other transportation[8]	1,287	1,292	1,222	1,189	1,599	1,684	(D)	(D)	(D)	(D)	(D)	(D)
Communication	9,629	10,805	10,797	9,862	9,560	9,278	11,743	11,250	10,064	8,871	8,380	8,406
Electric, gas, and sanitary services	13,167	14,149	15,040	17,132	17,980	17,984	5,614	5,948	6,242	6,967	7,743	8,158
Wholesale trade	34,653	38,092	36,154	36,896	44,248	35,894	39,483	40,295	43,247	47,300	52,074	56,398
Retail trade	78,001	83,848	85,744	90,267	93,314	90,207	83,762	87,816	96,695	103,934	111,594	123,193
Finance, insurance, and real estate	22,100	24,908	29,421	31,149	35,875	36,040	40,221	42,160	50,390	52,750	58,810	67,226
Banking and credit agencies	12,437	14,950	17,384	19,269	22,365	20,789	11,108	12,523	14,716	(D)	16,242	(D)
Other finance, insurance, and real estate[9]	9,663	9,958	12,037	11,880	13,510	15,251	29,113	29,637	35,674	(D)	42,568	(D)
Services	112,563	120,199	122,814	137,772	149,383	155,952	134,560	147,255	162,024	172,706	189,310	207,350
Hotels and other lodging places	2,688	2,152	2,082	2,205	1,940	1,893	(D)	(D)	(D)	(D)	(D)	2,138
Personal services	6,140	6,950	7,522	8,101	9,511	9,809	7,334	7,337	8,528	9,507	11,340	11,685
Private households	3,708	4,112	4,388	4,940	5,030	5,241	1,235	1,321	1,374	1,528	1,539	1,587
Business services	19,382	23,180	21,111	23,152	27,639	26,678	18,566	20,749	29,153	27,887	32,458	37,629
Auto repair, services, and garages	5,908	6,214	5,543	6,725	5,385	5,394	10,306	11,635	11,971	13,995	15,807	17,246
Miscellaneous repair services	8,585	3,738	4,221	4,778	3,830	3,617	6,497	8,202	4,367	5,039	4,678	4,920
Amusement and recreation services	922	1,393	1,616	1,723	1,991	2,156	994	1,518	1,434	1,481	1,681	1,946
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	400
Health services	37,766	44,918	48,093	53,394	58,612	63,637	54,212	61,758	68,002	72,903	77,890	83,086
Legal services	4,549	5,337	5,768	6,443	7,105	8,172	8,925	9,672	11,259	12,873	13,868	15,547
Educational services	1,461	1,653	1,846	2,072	2,330	2,606	2,189	2,439	2,571	2,733	2,865	3,169
Social services	3,648	4,031	4,835	6,239	6,495	7,635	8,456	8,737	8,868	9,409	10,741	12,053
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0
Membership organizations	3,206	3,652	3,949	4,229	4,395	4,436	7,568	7,228	7,413	7,929	8,063	8,406
Miscellaneous services	13,944	12,157	11,109	12,940	14,260	13,902	5,623	4,701	4,904	5,072	6,223	7,538
Government and government enterprises	55,270	63,311	71,844	76,636	83,001	87,299	137,758	147,938	158,397	171,077	182,885	200,545
Federal, civilian	5,644	5,969	6,453	6,932	7,327	7,345	8,837	9,095	9,877	10,360	10,990	11,695
Military	900	1,173	1,236	1,211	1,387	1,487	1,282	1,530	2,007	2,645	2,588	2,948
State and local	48,726	56,169	64,155	68,493	74,287	78,467	127,639	137,313	146,513	158,072	169,307	185,902

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Visalia—Tulare—Porterville, CA (MSA)						Waco, TX (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**2,437,304**	**2,557,726**	**2,660,592**	**2,923,044**	**3,135,530**	**3,363,674**	**1,656,915**	**1,813,179**	**1,946,822**	**2,113,169**	**2,260,554**	**2,326,426**
Nonfarm personal income	2,118,558	2,218,573	2,393,442	2,586,058	2,761,073	2,988,560	1,649,223	1,801,872	1,940,440	2,105,156	2,246,083	2,306,668
Farm income[1]	318,746	339,153	267,150	336,986	374,457	375,114	7,692	11,307	6,382	8,013	14,471	19,758
Population (thousands)[2]	253.7	259.6	266.9	273.1	280.0	287.3	173.8	176.4	180.5	182.7	185.2	187.6
Per capita personal income (dollars)	**9,609**	**9,851**	**9,968**	**10,703**	**11,200**	**11,708**	**9,536**	**10,280**	**10,783**	**11,567**	**12,209**	**12,401**
Derivation of total personal income:												
Total earnings by place of work	1,612,063	1,672,521	1,723,234	1,910,830	2,048,339	2,202,746	1,189,270	1,275,208	1,383,241	1,518,381	1,618,998	1,648,260
Less: Personal contributions for social insurance[3]	72,678	77,861	87,583	95,171	105,984	115,269	62,916	68,661	75,539	83,405	92,628	94,721
Plus: Adjustment for residence	59,152	61,424	67,444	78,556	81,201	78,657	−27,284	−29,351	−26,466	−31,669	−32,829	−30,482
Equals: Net earnings by place of residence	1,598,537	1,656,084	1,703,095	1,894,215	2,023,556	2,166,134	1,099,070	1,177,196	1,281,236	1,403,307	1,493,541	1,523,057
Plus: Dividends, interest, and rent[5]	360,043	388,968	418,554	450,931	463,465	497,538	287,926	340,438	346,775	383,702	418,179	430,513
Plus: Transfer payments	478,724	512,674	538,943	577,898	648,509	700,002	269,919	295,545	318,811	326,160	348,834	372,856
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	1,087,315	1,133,729	1,211,977	1,281,063	1,363,545	1,475,112	959,213	1,029,243	1,109,685	1,222,225	1,296,307	1,305,758
Other labor income	100,734	109,889	122,109	127,704	132,384	141,690	94,739	105,388	115,336	120,238	124,372	126,262
Proprietors' income[6]	424,014	428,903	389,148	502,063	552,410	585,944	135,318	140,577	158,220	175,918	198,319	216,240
Farm	222,325	223,023	152,386	229,224	263,534	264,232	4,641	7,684	2,889	4,575	10,991	16,275
Nonfarm	201,689	205,880	236,762	272,839	288,876	321,712	130,677	132,893	155,331	171,343	187,328	199,965
Earnings by industry:												
Farm	318,746	339,153	267,150	336,986	374,457	375,114	7,692	11,307	6,382	8,013	14,471	19,758
Nonfarm	1,293,317	1,333,368	1,456,084	1,573,844	1,673,882	1,827,632	1,181,578	1,263,901	1,376,859	1,510,368	1,604,527	1,628,502
Private	1,023,743	1,044,210	1,151,378	1,246,092	1,311,104	1,433,617	1,003,355	1,068,715	1,165,911	1,285,166	1,361,635	1,379,531
Agricultural services, forestry, fisheries, and other[7]	126,132	129,292	149,521	140,156	133,076	153,399	2,573	2,485	2,561	2,608	2,523	3,071
Agricultural services	125,577	129,128	148,376	139,186	132,345	152,274	2,538	2,475	2,477	2,571	2,440	2,981
Forestry, fisheries, and other[7]	555	164	1,145	970	731	1,125	(L)	(L)	84	(L)	83	90
Mining	3,725	3,002	2,606	2,921	3,959	4,361	8,603	10,389	10,173	10,004	10,984	10,526
Coal mining	(L)	(L)	60	81	89	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	3,672	2,960	2,504	2,796	3,817	4,284	6,356	8,048	7,582	7,124	8,029	7,581
Metal mining	(L)	(L)	(L)	(D)	(L)	(L)	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(L)	(L)	(L)	(D)	(L)	(D)	2,237	2,332	2,583	2,868	2,942	2,932
Construction	80,479	85,711	104,496	121,121	129,493	145,170	83,759	85,509	96,743	115,942	123,645	131,392
Manufacturing	200,604	193,379	212,326	237,261	246,828	260,019	295,353	296,401	321,091	335,746	351,484	343,560
Nondurable goods	95,595	97,661	107,597	123,750	128,525	137,872	137,173	141,760	159,148	165,494	167,251	159,202
Food and kindred products	53,498	48,676	51,606	61,327	63,264	67,781	43,551	48,765	50,497	49,972	58,359	62,125
Textile mill products	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	0
Apparel and other textile products	5,044	5,711	6,511	(D)	(D)	(D)	16,437	16,422	17,740	18,312	17,526	17,686
Paper and allied products	3,202	3,652	4,373	6,346	5,431	5,920	12,336	12,760	16,462	17,585	18,125	21,958
Printing and publishing	28,921	32,242	35,659	39,372	42,945	44,529	14,259	13,372	14,272	16,338	18,103	19,441
Chemicals and allied products	1,713	1,679	2,434	2,157	2,332	2,508	154	260	293	439	365	403
Petroleum and coal products	181	195	210	195	395	410	0	0	0	(D)	161	137
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	(D)	2,411	2,219	4,340	6,382	8,755	50,055	(D)	(D)	(D)	(D)	(D)
Leather and leather products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	105,009	95,718	104,729	113,511	118,303	122,147	158,180	154,641	161,943	170,252	184,233	184,358
Lumber and wood products	22,531	17,335	21,444	23,322	32,395	36,442	34,019	33,736	39,740	40,353	41,466	36,210
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	6,077	6,746	7,605	7,815	8,649	7,907
Primary metal industries	15,736	14,147	11,791	15,046	14,856	17,633	0	0	0	0	0	(D)
Fabricated metal products	12,010	12,389	16,532	22,903	22,364	23,641	24,454	24,229	24,127	25,460	27,547	22,705
Machinery, except electrical	11,254	9,656	8,759	8,607	8,256	6,938	25,430	17,985	14,343	17,471	18,735	20,593
Electric and electronic equipment	22,854	23,386	25,563	28,206	26,880	23,227	11,126	11,618	10,694	9,898	8,670	8,842
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	324	347	12,780	14,135	16,424	17,917	21,752	26,868
Motor vehicles and equipment	3,975	(D)	(D)	(D)	(D)	(D)	1,597	(D)	(D)	(D)	(D)	1,127
Stone, clay, and glass products	6,053	5,033	5,515	7,143	5,609	6,352	36,094	36,300	37,427	38,252	42,318	46,813
Instruments and related products	(D)	(D)	(D)	598	1,286	1,364	314	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	97	150	136	6,289	5,814	6,814	6,387	6,103	5,617
Transportation and public utilities	102,132	110,604	115,730	124,802	129,404	136,822	90,763	95,153	95,646	103,575	107,728	107,755
Railroad transportation	611	478	374	509	572	758	10,655	9,612	8,985	11,107	11,928	8,905
Trucking and warehousing	44,761	50,932	56,556	64,703	65,621	69,800	33,234	33,624	32,725	36,173	37,067	35,825
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	4,871	(D)	(D)	(D)	(D)	(D)
Communication	29,768	29,526	26,355	23,968	23,085	22,432	21,399	21,732	21,495	20,723	22,670	22,951
Electric, gas, and sanitary services	22,624	24,996	27,298	29,354	33,131	37,089	20,596	23,879	25,615	27,014	28,560	30,290
Wholesale trade	73,792	74,364	82,792	89,098	89,499	94,740	76,079	86,242	96,759	113,857	110,026	102,528
Retail trade	176,106	179,588	195,839	207,560	215,257	228,809	148,830	159,586	175,684	186,665	194,040	197,327
Finance, insurance, and real estate	40,729	38,088	43,518	47,907	54,362	59,913	71,417	76,392	86,066	98,181	107,888	110,533
Banking and credit agencies	21,464	21,731	23,349	25,587	27,642	27,745	22,726	24,907	29,433	32,264	36,238	38,468
Other finance, insurance, and real estate[9]	19,265	16,357	20,169	22,320	26,720	32,168	48,691	51,485	56,633	65,917	71,650	72,065
Services	220,044	230,182	244,550	275,266	309,226	350,384	225,978	256,558	281,188	318,588	353,317	372,839
Hotels and other lodging places	5,397	(D)	(D)	(D)	5,903	6,955	(D)	(D)	(D)	(D)	(D)	6,197
Personal services	10,316	12,185	12,478	13,566	16,559	18,300	16,322	19,816	24,699	28,185	32,178	33,716
Private households	7,275	7,919	8,371	9,443	9,649	10,111	6,654	7,377	7,863	8,842	9,009	9,385
Business services	22,440	31,693	30,744	40,906	50,488	58,274	29,508	34,116	33,660	38,219	48,011	50,954
Auto repair, services, and garages	16,311	14,854	16,525	19,622	21,260	22,655	14,276	13,955	16,193	19,312	20,574	20,859
Miscellaneous repair services	10,638	10,888	14,447	17,478	16,049	15,967	5,848	5,675	6,500	6,802	6,354	5,887
Amusement and recreation services	4,081	3,778	3,422	3,569	3,814	3,908	3,311	4,211	4,079	4,245	4,632	5,034
Motion pictures	682	508	467	601	515	609	445	451	415	662	812	870
Health services	70,742	78,705	83,432	89,731	99,117	113,643	71,835	85,212	90,089	99,495	107,165	116,974
Legal services	7,459	9,056	9,738	11,177	12,575	13,648	11,776	13,512	16,499	19,806	20,510	23,009
Educational services	3,810	(D)	(D)	(D)	6,618	8,238	(D)	(D)	(D)	(D)	(D)	(D)
Social services	12,976	9,884	10,541	11,681	14,062	20,419	10,571	11,082	11,607	13,190	13,927	11,864
Museums, botanical, zoological gardens	0	0	0	0	0	0	0	0	0	0	0	(D)
Membership organizations	14,897	16,574	17,379	17,746	18,840	18,973	11,869	12,989	14,196	15,993	18,207	18,116
Miscellaneous services	33,020	24,427	25,876	28,852	33,777	38,684	12,976	13,449	16,144	21,007	24,333	25,012
Government and government enterprises	269,574	289,158	304,706	327,752	362,778	394,015	178,223	195,186	210,948	225,202	242,892	248,971
Federal, civilian	21,053	20,624	23,715	25,634	27,074	27,419	59,825	64,486	67,958	73,181	76,963	75,954
Military	3,018	3,638	3,840	4,379	5,179	5,172	2,781	3,444	3,607	3,579	3,949	4,187
State and local	245,503	264,896	277,151	297,739	330,525	361,424	115,617	127,256	139,383	148,442	161,980	168,830

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Washington, DC—MD—VA (MSA)						Waterloo—Cedar Falls, IA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**46,371,815**	**50,246,752**	**54,378,943**	**60,248,348**	**66,152,967**	**71,788,875**	**1,799,398**	**1,799,800**	**1,795,379**	**1,856,213**	**1,850,694**	**1,860,997**
Nonfarm personal income	46,293,823	50,159,820	54,319,855	60,161,110	66,062,913	71,700,698	1,767,305	1,783,947	1,798,000	1,832,224	1,815,262	1,807,625
Farm income[1]	77,992	86,932	59,088	87,238	90,054	88,177	32,093	15,853	−2,621	23,989	35,432	53,372
Population (thousands)[2]	3,310.1	3,342.1	3,375.8	3,439.0	3,493.6	3,563.0	162.9	162.2	161.3	160.0	155.8	151.5
Per capita personal income (dollars)	**14,009**	**15,034**	**16,109**	**17,519**	**18,935**	**20,148**	**11,049**	**11,097**	**11,131**	**11,599**	**11,882**	**12,283**
Derivation of total personal income:												
Total earnings by place of work	37,439,437	40,242,663	44,073,059	49,155,913	54,412,223	59,506,519	1,499,517	1,411,587	1,348,485	1,392,524	1,357,763	1,327,543
Less: Personal contributions for social insurance[3]	2,162,958	2,356,332	2,703,019	3,009,355	3,442,286	3,803,764	85,325	87,389	83,030	84,925	85,861	83,407
Plus: Adjustment for residence	−2,298,514	−2,441,617	−2,716,894	−3,083,265	−3,471,331	−3,651,312	−127,964	−108,865	−99,300	−97,237	−86,425	−70,870
Equals: Net earnings by place of residence	32,977,965	35,444,714	38,653,146	43,063,293	47,498,606	52,051,443	1,286,228	1,215,333	1,166,155	1,210,362	1,185,477	1,173,266
Plus: Dividends, interest, and rent[5]	7,036,303	7,789,950	8,236,474	9,366,720	10,211,585	10,895,647	287,565	314,396	336,063	353,626	353,750	363,782
Plus: Transfer payments	6,357,547	7,012,088	7,489,323	7,818,335	8,442,776	8,841,785	225,605	270,071	293,161	292,225	311,467	323,949
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	32,816,543	35,307,010	38,467,853	42,853,189	47,343,066	51,694,331	1,237,258	1,173,264	1,127,144	1,140,348	1,093,455	1,043,163
Other labor income	2,231,880	2,556,789	2,872,410	3,130,653	3,401,295	3,680,865	140,412	135,033	127,108	121,177	111,919	104,855
Proprietors' income[6]	2,391,014	2,378,864	2,732,796	3,172,071	3,667,862	4,131,323	121,847	103,290	94,233	130,999	152,389	179,525
Farm	54,233	62,632	35,766	64,384	67,041	65,115	25,207	8,826	−9,435	17,278	28,653	46,556
Nonfarm	2,336,781	2,316,232	2,697,030	3,107,687	3,600,821	4,066,208	96,640	94,464	103,668	113,721	123,736	132,969
Earnings by industry:												
Farm	77,992	86,932	59,088	87,238	90,054	88,177	32,093	15,853	−2,621	23,989	35,432	53,372
Nonfarm	37,361,445	40,155,731	44,013,971	49,068,675	54,322,169	59,418,342	1,467,424	1,395,734	1,351,106	1,368,535	1,322,331	1,274,171
Private	22,812,506	24,677,202	27,798,835	31,814,414	36,028,984	40,645,805	1,303,326	1,221,327	1,166,167	1,174,966	1,117,275	1,062,228
Agricultural services, forestry, fisheries, and other[7]	196,668	218,650	256,487	284,376	310,384	356,951	3,247	3,572	4,708	4,594	3,567	4,087
Agricultural services	81,685	94,508	111,426	129,019	144,105	173,536	3,212	3,574	4,588	4,471	3,482	3,984
Forestry, fisheries, and other[7]	114,983	124,142	145,061	155,357	166,279	183,415	(L)	(L)	120	123	85	103
Mining	127,997	120,616	101,545	111,489	155,362	154,734	3,648	3,090	3,077	3,131	4,131	4,022
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Oil and gas extraction	(D)	(D)	(D)	76,026*	115,232*	116,862*	(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)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,078*
Construction	1,939,459	1,893,117	2,205,798	2,704,414	3,235,525	3,820,532	64,943	55,842	54,744	(D)	49,472	52,568
Manufacturing	1,571,996	1,699,566	1,920,242	2,205,142	2,486,745	2,774,850	726,220	638,748	553,002	544,607	477,510	400,339
Nondurable goods	830,686*	875,194*	986,351*	1,107,590	1,233,351	1,286,369*	92,645	91,075	83,620	75,952	53,903	54,688
Food and kindred products	108,339*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0
Apparel and other textile products	12,826*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Paper and allied products	(D)	17,809*	19,422*	(D)	(D)	(D)	(D)	(D)	(D)	8,428	8,812	8,785
Printing and publishing	576,733*	600,022*	686,127*	778,170	882,650	957,168*	12,543	12,771	12,620	16,668	17,251	18,293
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	13,697*	14,119*	14,082*	14,944*	15,678	14,287*	1,150	1,214	1,297	1,350	1,630	1,465
Tobacco manufactures	1,348	1,629	1,737	1,423	1,420	(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	4,922*	4,206*	4,499*	4,349*	4,111*	4,578*	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	739,339*	817,627*	925,464*	1,097,552	1,253,394	(D)	633,575	547,673	469,382	468,655	423,607	345,651
Lumber and wood products	21,515	(D)	(D)	(D)	(D)	(D)	2,131*	(D)	(D)	2,747*	3,652*	5,113*
Furniture and fixtures	(D)	(D)	(D)	20,753*	24,860*	23,076*	(D)	(D)	(D)	(D)	0	0
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	497	598	829	996	1,011
Fabricated metal products	(D)	(D)	(D)	(D)	(D)	(D)	27,541	24,330*	24,715*	27,059	28,162*	30,792*
Machinery, except electrical	54,709*	(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. exc. motor vehicles	(D)	56,093*	(D)	(D)	(D)	(D)	2,671	1,842	1,596	1,966	1,558	2,000
Motor vehicles and equipment	3,342*	(D)	(D)	(D)	(D)	(D)	1,694	(D)	(D)	1,170	(D)	(D)
Stone, clay, and glass products	56,267*	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	3,885*	3,251*	3,533*
Instruments and related products	49,692*	(D)	(D)	(D)	(D)	(D)	(D)	422	521	609	465	415
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	2,267	2,173*	(D)	(D)	(D)	2,874
Transportation and public utilities	2,094,584	2,353,880	2,586,552	2,889,732	3,151,633	3,541,181	67,713	66,980	63,464	66,446	62,782	56,770
Railroad transportation	(D)	(D)	(D)	101,127	103,025*	(D)	14,289	13,279	12,470	13,471	12,454	8,929
Trucking and warehousing	(D)	253,603*	275,989*	(D)	(D)	(D)	22,707	22,819	20,749	23,101	22,085	21,005
Water transportation	(D)	4,916*	5,255*	6,490*	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	872,967*	966,720*	1,081,848*	1,299,608*	1,421,638*	1,607,853*	18,506	18,089	17,477	16,508	15,709	14,211
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	1,529,552	1,664,821	1,842,837	2,115,219	2,323,866	2,551,846	67,656	69,209	66,612	(D)	66,155	66,486
Retail trade	3,149,973	3,322,390	3,707,622	4,136,000	4,620,572	5,131,184	120,066	117,714	122,638	125,711	124,281	125,127
Finance, insurance, and real estate	1,768,479	1,800,612	2,174,527	2,460,940	2,815,983	3,352,660	51,499	51,390	60,548	65,545	66,976	73,976
Banking and credit agencies	627,020	684,523*	786,249*	917,188*	1,026,359*	1,235,764*	(D)	(D)	(D)	(D)	(D)	33,240
Other finance, insurance, and real estate[9]	1,141,459	1,093,498*	1,362,026*	1,541,535*	1,787,171*	2,113,579*	(D)	(D)	(D)	(D)	(D)	40,736
Services	10,433,798	11,603,550	13,003,225	14,907,102	16,928,914	18,961,867	198,334	214,782	237,374	242,444	262,401	278,853
Hotels and other lodging places	(D)	(D)	(D)	391,536*	445,008*	498,257*	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	284,667	315,726	344,679	375,884	447,687	481,979	13,689	14,087	15,199	15,820	17,802	18,376
Private households	210,092	220,111*	228,907*	260,535	262,091	265,518*	2,760	2,925	3,026	3,343	3,313	3,350
Business services	2,927,138	3,381,909	3,917,118	4,694,822	5,659,069	6,496,488	23,981	26,484	29,643	33,471	42,155	49,512
Auto repair, services, and garages	196,883	208,701	231,005	(D)	(D)	(D)	8,505	8,458	9,427	11,216	11,343	11,458
Miscellaneous repair services	86,127	92,193	109,803	129,983	134,372	142,527	3,738	3,721	4,195	4,408	3,953	4,205
Amusement and recreation services	134,897*	128,346*	153,198*	176,130	195,437	209,858	3,488	3,388	3,394	3,675	3,738	4,178
Motion pictures	(D)	(D)	(D)	42,691*	(D)	(D)	(D)	492*	1,133*	464*	485*	548*
Health services	1,763,360	1,995,943	2,207,993	2,423,718	2,645,923	2,925,173	91,663	104,149	114,731	110,535	115,393	122,110
Legal services	1,179,809	1,379,602	1,541,905	1,789,551	1,980,456	2,229,392	10,795	11,229	13,531	14,607	16,983	17,778
Educational services	525,539*	555,990*	610,994*	693,748*	743,313*	773,350*	(D)	(D)	(D)	(D)	(D)	(D)
Social services	248,931*	250,310*	273,633*	304,876*	344,000	399,126	6,698	7,019	7,455	8,054	9,384	10,196
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	7,308*	8,134*	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	944,640*	1,059,099	1,123,271	1,208,051	1,305,634	1,412,502	10,269	11,078	11,306	10,711	10,252	10,224
Miscellaneous services	1,562,977	1,643,681	1,816,396	2,090,919	2,361,512	2,668,889	11,546	10,839	10,817	12,360	(D)	(D)
Government and government enterprises	14,548,939	15,478,529	16,215,136	17,254,261	18,293,185	18,772,537	164,098	174,407	184,939	193,569	205,056	211,943
Federal, civilian	9,780,554	10,220,214	10,662,318	11,305,925	11,847,499	11,836,881	14,860	15,104	15,676	16,020	16,779	16,665
Military	1,478,095	1,667,410	1,766,362	1,934,313	2,121,736	2,242,442	2,187	2,586	3,002	2,882	2,982	3,394
State and local	3,290,290	3,590,905	3,786,456	4,014,023	4,323,950	4,693,214	147,051	156,717	166,261	174,667	185,295	191,884

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Wausau, WI (MSA)						West Palm Beach—Boca Raton—Delray Beach, FL (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,068,616**	**1,105,605**	**1,155,199**	**1,241,471**	**1,308,858**	**1,394,337**	**8,947,591**	**9,635,872**	**10,935,038**	**12,249,263**	**13,772,114**	**15,064,428**
Nonfarm personal income	1,011,536	1,057,385	1,123,583	1,197,699	1,271,171	1,338,007	8,704,322	9,373,568	10,492,458	11,971,395	13,434,881	14,722,858
Farm income[1]	57,080	48,220	31,616	43,772	37,687	56,330	243,269	262,304	442,580	277,868	337,233	341,570
Population (thousands)[2]	112.3	112.3	112.5	112.9	112.8	112.5	620.4	645.7	667.7	693.6	724.3	755.6
Per capita personal income (dollars)	**9,514**	**9,844**	**10,268**	**10,999**	**11,601**	**12,395**	**14,422**	**14,922**	**16,378**	**17,662**	**19,014**	**19,938**
Derivation of total personal income:												
Total earnings by place of work	813,304	811,973	850,600	909,182	963,584	1,041,795	4,526,042	4,833,110	5,660,004	6,308,226	7,148,591	8,000,840
Less: Personal contributions for social insurance[3]	47,305	49,375	50,729	53,657	60,616	65,417	228,962	251,833	291,191	341,696	404,000	456,862
Plus: Adjustment for residence	5,058	7,292	5,008	10,599	6,428	1,997	−44,662	−64,971	−61,930	−82,678	−80,851	−126,208
Equals: Net earnings by place of residence	771,057	769,890	804,879	866,124	909,396	978,375	4,252,418	4,516,306	5,306,883	5,883,852	6,663,740	7,417,770
Plus: Dividends, interest, and rent[5]	152,647	170,015	172,618	194,776	206,800	217,149	3,459,478	3,677,399	4,021,947	4,634,582	5,195,917	5,577,368
Plus: Transfer payments	144,912	165,700	177,702	180,571	192,662	198,813	1,235,695	1,442,167	1,606,208	1,730,829	1,912,457	2,069,290
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	633,899	641,887	681,685	718,214	767,426	813,911	3,558,061	3,927,150	4,421,374	5,099,830	5,724,075	6,390,863
Other labor income	66,802	70,482	76,195	77,033	80,855	85,876	337,522	381,555	438,639	489,303	540,449	591,389
Proprietors' income[6]	112,603	99,604	92,720	113,935	115,303	142,008	630,459	524,405	799,991	719,093	884,067	1,018,588
Farm	46,524	36,041	19,832	32,155	25,904	44,530	143,242	144,628	328,652	166,508	224,153	228,062
Nonfarm	66,079	63,563	72,888	81,780	89,399	97,478	487,217	379,777	471,339	552,585	659,914	790,526
Earnings by industry:												
Farm	57,080	48,220	31,616	43,772	37,687	56,330	243,269	262,304	442,580	277,868	337,233	341,570
Nonfarm	756,224	763,753	818,984	865,410	925,897	985,465	4,282,773	4,570,806	5,217,424	6,030,358	6,811,358	7,659,270
Private	670,953	670,464	719,835	758,787	807,306	863,162	3,814,800	4,048,096	4,640,403	5,400,976	6,110,171	6,874,766
Agricultural services, forestry, fisheries, and other[7]	2,313	2,087	2,923	2,798	2,390	2,650	68,846	74,780	82,728	88,176	98,339	110,240
Agricultural services	2,161	2,139	2,449	2,385	2,202	2,402	67,710	73,987	80,225	86,447	95,219	107,066
Forestry, fisheries, and other[7]	152	−52	474	413	188	248	1,136	793	2,503	1,729	3,120	3,174
Mining	2,809	2,468	2,155	2,240	2,866	2,004	79,307	69,188	55,786	61,749	101,006	102,185
Coal mining	0	0	0	0	0	0	(D)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	1,619	1,606	1,114	1,287	1,849	1,861	78,167	68,199	54,805	60,604	100,121	103,209
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	1,193	896	1,044	964	1,002	98	1,029	(D)	(D)	(D)	(D)	(D)
Construction	43,167	38,615	41,681	41,611	45,396	54,236	471,240	451,271	493,551	607,877	677,413	724,986
Manufacturing	253,442	240,117	256,282	268,736	286,987	311,678	750,472	815,382	912,929	1,096,904	1,222,753	1,288,621
Nondurable goods	110,623	108,890	117,146	116,596	127,332	138,352	128,639	133,928	148,503	163,982	169,474	184,176
Food and kindred products	25,850	28,547	30,322	32,219	31,962	35,070	62,071	64,569	72,556	73,352	75,434	77,905
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	649	(D)	(D)	(D)	(D)	(D)
Apparel and other textile products	285	(D)	(D)	(D)	(D)	(D)	4,301	5,043	4,590	7,121	5,430	5,736
Paper and allied products	76,571	72,634	76,257	73,090	83,508	90,836	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	3,645	2,785	2,594	2,593	3,036	3,475	45,603	48,661	54,990	66,107	70,745	79,778
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	8,613	9,508	9,616	10,500	11,157	12,060
Petroleum and coal products	201	242	198	192	145	198	2,885	1,070	1,088	429	119	266
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	1,714	1,782	2,049	2,296	2,835	3,134	3,651	3,335	3,561	4,348	4,837	6,710
Leather and leather products	(D)	(D)	(D)	(D)	0	0	(D)	(D)	(D)	1,159	797	696
Durable goods	142,819	131,227	139,136	152,140	159,655	173,326	621,833	681,454	764,426	932,922	1,053,279	1,104,445
Lumber and wood products	31,621	29,248	37,394	41,158	39,634	48,500	11,165	8,691	10,590	11,350	10,735	12,742
Furniture and fixtures	(L)	(D)	(D)	(D)	(D)	321	4,770	5,961	8,465	11,822	13,293	18,177
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	1,963	1,956	1,933	2,931	3,462	4,145
Fabricated metal products	24,060	25,890	27,740	31,797	34,077	37,617	16,794	15,350	16,600	19,077	22,744	20,680
Machinery, except electrical	49,271	37,735	34,630	36,006	37,910	40,138	(D)	(D)	(D)	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	78,012	83,241	89,796	112,990	146,819	169,441
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	2,951	(D)	(D)	(D)	(D)	(D)	3,184	3,035	2,980	3,576	5,063	6,255
Stone, clay, and glass products	8,913	9,200	10,821	11,323	11,852	12,307	33,462	27,868	30,298	37,040	38,864	41,306
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	8,668	10,007	10,928	13,253	15,873	16,630
Miscellaneous manufacturing industries	1,946	1,788	2,010	2,246	2,355	2,851	3,891	3,916	5,549	6,002	7,279	7,660
Transportation and public utilities	49,899	52,447	56,539	62,355	69,052	71,540	223,612	263,358	285,104	309,867	320,064	346,662
Railroad transportation	1,697	1,674	1,629	1,276	1,182	1,075	2,060	1,965	1,986	1,922	1,802	2,373
Trucking and warehousing	22,622	21,710	23,712	26,882	29,060	32,243	35,626	(D)	(D)	(D)	(D)	(D)
Water transportation	0	0	0	0	0	0	8,393	9,270	9,847	11,553	13,799	14,786
Other transportation[8]	3,141	3,465	3,747	3,993	10,759	9,451	36,189	39,592	45,464	45,606	45,398	50,792
Communication	13,525	14,713	16,345	17,600	16,088	15,887	98,492	106,618	109,920	112,917	111,271	114,948
Electric, gas, and sanitary services	8,914	10,885	11,106	12,604	11,963	12,884	42,852	(D)	(D)	(D)	(D)	(D)
Wholesale trade	62,834	63,198	64,878	66,363	69,408	71,377	186,007	219,021	255,967	302,964	359,084	396,967
Retail trade	67,549	70,791	79,241	83,025	86,715	94,516	585,426	616,312	698,598	772,864	865,167	984,814
Finance, insurance, and real estate	72,121	74,317	79,019	81,089	78,704	79,706	339,030	276,399	417,678	436,115	517,861	712,010
Banking and credit agencies	10,336	10,910	11,674	12,310	12,667	14,455	98,801	114,370	146,736	174,065	200,869	234,618
Other finance, insurance, and real estate[9]	61,785	63,407	67,345	68,779	66,037	65,251	240,229	162,029	270,942	262,050	316,992	477,392
Services	116,819	126,424	137,117	150,570	165,788	175,455	1,110,860	1,262,385	1,438,062	1,724,460	1,948,484	2,208,281
Hotels and other lodging places	2,316	2,316	2,487	2,570	2,617	2,443	81,763	94,430	107,116	115,314	121,745	141,991
Personal services	5,496	5,841	6,189	6,034	7,304	7,707	44,898	48,619	54,546	61,204	70,544	80,932
Private households	1,339	1,426	1,478	1,635	1,638	1,679	68,962	75,880	80,730	91,987	94,663	99,607
Business services	13,683	17,023	20,135	23,306	29,019	31,213	161,022	184,358	220,945	267,233	304,586	361,833
Auto repair, services, and garages	5,660	6,051	6,968	8,698	9,396	10,758	37,489	37,909	41,934	50,388	56,593	63,462
Miscellaneous repair services	3,127	3,326	3,653	4,454	4,722	5,057	29,060	32,475	37,175	43,955	44,419	48,943
Amusement and recreation services	1,824	1,837	2,146	2,357	2,560	3,210	52,284	58,581	70,997	94,627	95,243	103,328
Motion pictures	114	(D)	(D)	(D)	(D)	(D)	2,037	2,478	2,871	3,312	3,860	4,489
Health services	43,476	49,608	52,380	56,343	61,266	65,280	315,601	373,367	423,389	490,460	571,532	642,705
Legal services	7,669	8,615	9,920	10,894	12,066	12,430	87,244	106,315	127,461	158,892	184,431	211,091
Educational services	(D)	2,348	2,479	2,641	2,836	3,027	18,127	20,673	22,653	26,166	29,167	33,592
Social services	1,467	1,670	1,701	1,852	2,093	2,179	17,134	18,927	22,921	27,406	27,841	33,518
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	1,159	1,382	1,488	1,657	2,070	1,931
Membership organizations	6,277	6,536	6,836	7,193	7,147	7,343	36,282	40,381	50,978	70,212	77,616	83,132
Miscellaneous services	22,254	19,620	20,519	22,215	22,687	22,725	157,798	166,610	172,858	221,647	264,174	297,727
Government and government enterprises	85,271	93,289	99,149	106,623	118,591	122,303	467,973	522,710	577,021	629,382	701,187	784,504
Federal, civilian	9,672	10,061	10,539	11,466	12,541	12,526	56,787	61,373	69,151	77,976	87,985	94,582
Military	2,049	2,407	2,999	3,420	3,789	4,121	6,976	8,334	8,978	9,678	10,886	11,756
State and local	73,550	80,821	85,611	91,737	102,261	105,656	404,210	453,003	498,892	541,728	602,316	678,166

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Wheeling, WV—OH (MSA)						Wichita, KS (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,762,887**	**1,820,954**	**1,836,352**	**1,902,188**	**1,936,386**	**2,032,613**	**5,597,232**	**5,868,179**	**5,994,766**	**6,458,291**	**6,805,907**	**7,216,433**
Nonfarm personal income	1,760,542	1,818,749	1,835,474	1,899,078	1,933,943	2,030,474	5,554,325	5,819,433	5,967,350	6,429,431	6,758,621	7,142,479
Farm income[1]	2,345	2,205	878	3,110	2,443	2,139	42,907	48,746	27,416	28,860	47,286	73,954
Population (thousands)[2]	185.1	184.3	184.5	182.1	179.0	175.5	450.5	456.3	457.1	461.1	465.7	470.0
Per capita personal income (dollars)	**9,525**	**9,880**	**9,954**	**10,444**	**10,820**	**11,584**	**12,423**	**12,860**	**13,114**	**14,005**	**14,616**	**15,354**
Derivation of total personal income:												
Total earnings by place of work	1,184,529	1,188,648	1,145,116	1,176,432	1,178,697	1,197,179	4,582,890	4,635,036	4,708,532	5,158,505	5,410,146	5,790,737
Less: Personal contributions for social insurance[3]	68,388	71,358	70,193	72,885	76,672	78,578	266,046	284,108	285,653	316,508	346,652	373,189
Plus: Adjustment for residence	22,084	1,957	3,875	11,067	2,852	41,680	−160,566	−153,060	−153,025	−170,518	−172,812	−216,643
Equals: Net earnings by place of residence	1,138,225	1,119,247	1,078,798	1,114,614	1,104,877	1,160,281	4,156,278	4,197,868	4,269,854	4,671,479	4,890,682	5,200,905
Plus: Dividends, interest, and rent[5]	297,513	329,837	353,037	377,307	392,046	407,046	815,809	926,828	937,768	1,003,065	1,081,672	1,127,665
Plus: Transfer payments	327,149	371,870	404,517	410,267	439,463	465,286	625,145	743,483	787,144	783,747	833,553	887,863
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	975,678	983,107	936,969	962,702	960,689	968,540	3,702,404	3,748,748	3,800,605	4,182,248	4,356,228	4,627,251
Other labor income	113,533	119,601	112,424	109,364	104,973	104,621	441,501	449,430	450,017	470,143	477,168	512,230
Proprietors' income[6]	95,318	85,940	95,723	104,366	113,035	124,018	438,985	436,858	457,910	506,114	576,750	651,256
Farm	1,218	1,107	−182	2,069	1,388	1,077	36,068	41,255	20,162	21,689	40,045	66,675
Nonfarm	94,100	84,833	95,905	102,297	111,647	122,941	402,917	395,603	437,748	484,425	536,705	584,581
Earnings by industry:												
Farm	2,345	2,205	878	3,110	2,443	2,139	42,907	48,746	27,416	28,860	47,286	73,954
Nonfarm	1,182,184	1,186,443	1,144,238	1,173,322	1,176,254	1,195,040	4,539,983	4,586,290	4,681,116	5,129,645	5,362,860	5,716,783
Private	1,057,910	1,054,100	1,007,809	1,028,690	1,022,143	1,034,879	4,094,446	4,102,202	4,159,926	4,577,646	4,767,615	5,095,202
Agricultural services, forestry, fisheries, and other[7]	2,600	2,367	2,697	2,770	2,499	2,620	10,559	12,272	13,513	12,570	12,652	14,679
Agricultural services	2,556	2,374	2,550	2,666	2,401	2,503	10,339	12,305	13,087	(D)	(D)	(D)
Forestry, fisheries, and other[7]	(L)	(L)	147	104	98	117	220	(L)	426	(D)	(D)	(D)
Mining	149,186	166,122	121,593	121,615	106,268	102,982	116,147	121,761	114,496	118,461	121,768	95,055
Coal mining	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	115,404*	118,584*	(D)
Metal mining	0	0	0	0	0	0	(L)	(L)	(L)	(L)	(L)	108
Nonmetallic minerals, except fuels	468	533	875	1,132	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	69,451	62,069	58,682	60,121	55,126	56,821	256,717	249,135	270,226	301,095	306,515	327,556
Manufacturing	294,656	254,336	232,453	237,032	226,095	215,528	1,651,223	1,533,553	1,462,397	1,683,590	1,711,827	1,900,537
Nondurable goods	120,852	125,326	129,281	139,631	138,226	130,264	263,404	271,482	263,748	261,099	261,867	271,854
Food and kindred products	(D)	(D)	11,308*	13,702	13,876	13,684	90,294*	92,860	86,925	85,343*	90,130*	91,855*
Textile mill products	(D)	0	0	0	0	0	108	75	281	(D)	518	730
Apparel and other textile products	(D)	(D)	(D)	(D)	(D)	(D)	4,034	(D)	(D)	3,829	(D)	4,165
Paper and allied products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	7,750*	8,964*	(D)	(D)	10,535*
Printing and publishing	7,695	(D)	(D)	(D)	(D)	(D)	41,896*	46,124	47,928	52,824	55,687	58,402
Chemicals and allied products	85,813*	91,487*	95,850*	103,833*	98,432*	95,904*	(D)	(D)	(D)	(D)	(D)	37,214*
Petroleum and coal products	2,382	2,560	3,080	3,415	3,541	2,115	69,687	70,301	65,832	51,549	43,826	46,030*
Tobacco manufactures	3,949	4,159	4,149	4,418	4,535	(D)	(L)	(L)	(L)	(L)	(L)	125
Rubber and misc. plastic products	0	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	17,906	17,706	21,878
Leather and leather products	0	0	0	0	0	0	(D)	0	0	(D)	0	0
Durable goods	173,804	129,010	103,172	97,401	87,869	85,264	1,387,819	1,262,071	1,198,649	1,422,491	1,449,960	1,628,683
Lumber and wood products	(D)	(D)	(D)	(D)	(D)	(D)	11,411*	12,549*	12,130*	12,843	11,939*	13,011*
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,766	4,210	3,983*
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	12,971	9,341	9,461	11,523	7,741	9,416
Fabricated metal products	59,142	36,805*	25,949*	(D)	(D)	(D)	77,745*	73,312*	71,448*	80,890*	78,564*	78,715*
Machinery, except electrical	23,725	26,058	22,440	25,619	25,661	22,371	(D)	(D)	(D)	(D)	(D)	149,476
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)	14,171	(D)	(D)	(D)	13,952	13,690
Transportation equip. exc. motor vehicles	0	0	0	0	0	0	1,081,066*	966,880*	909,120*	1,101,635*	1,120,251	1,292,325
Motor vehicles and equipment	5,315	(D)	(D)	(D)	(D)	(D)	6,144*	5,543*	5,966*	7,574*	7,679*	3,973*
Stone, clay, and glass products	(D)	13,661	9,751	9,088	6,538	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Instruments and related products	391	(D)	(D)	(D)	(D)	(D)	19,766*	20,018*	19,523*	22,887*	24,616*	27,831*
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	5,613	5,623	6,161	7,575	7,575*	7,615*
Transportation and public utilities	(D)	(D)	(D)	(D)	(D)	(D)	288,075	311,009	324,763	337,725	339,104	348,043
Railroad transportation	8,565	8,118	8,000	8,354	7,713	6,328	(D)	35,476*	34,479*	32,384	28,333	25,995
Trucking and warehousing	25,922	24,535	23,807	24,424	22,000	22,970	63,916	65,245	66,782	77,323	72,187	77,412
Water transportation	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Communication	19,834	20,396	20,115	18,142	16,357*	16,166*	81,288	94,092	93,458	85,779	87,326	91,108
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	43,443	46,444	48,309	56,567*	68,720*	67,623*
Wholesale trade	53,216	52,918	53,637	57,005	58,342	58,661	308,475	305,891	302,743	333,836	357,495	362,150
Retail trade	132,134	134,237	139,893	142,216	145,410	151,321	416,406	438,053	461,542	493,696	520,074	545,682
Finance, insurance, and real estate	46,435	44,052	48,970	48,615	48,683	53,134	203,184	207,972	234,884	247,337	270,791	297,401
Banking and credit agencies	20,291	22,297	23,725	24,058	26,136	28,110	75,341*	85,681*	91,619*	105,719	114,210	121,818
Other finance, insurance, and real estate[9]	26,144	21,755	25,245	24,557	22,547	25,024	118,400*	113,072*	132,834*	141,618	156,581	175,583
Services	(D)	(D)	(D)	(D)	(D)	(D)	843,660	922,556	975,362	1,049,336	1,127,389	1,204,099
Hotels and other lodging places	3,513	3,486*	3,677*	3,311*	3,188*	4,027*	15,170*	14,084	15,531	14,522	13,826	14,437
Personal services	12,444	12,735	13,151	13,966	16,576	16,676	47,124	52,921	55,229	59,629	71,736	76,915
Private households	3,995	4,261	4,414	4,859	4,827	4,905	11,515	12,378	12,950	14,388	14,416	14,819
Business services	10,330	10,575	13,018	14,314	15,785	18,291	123,080	146,147	165,349	199,294	219,374	238,107
Auto repair, services, and garages	8,369	7,768	8,449	9,354	9,702	9,438	38,777	35,632	39,214	46,785	47,771	50,333
Miscellaneous repair services	4,552	4,317*	(D)	(D)	6,216	7,094	22,496	23,529	28,532	23,719	18,119	19,967
Amusement and recreation services	5,794	6,639	6,734	7,160	7,233	7,553	16,238	19,028	20,353	20,878*	18,020*	20,637
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,503	1,389*	1,273*	1,508*	1,776*	1,839*
Health services	124,268	144,769	149,384	150,454	161,686	166,023	365,307	417,963	430,029	433,186	462,261	484,111
Legal services	10,677	12,055	13,576	15,667	17,224	18,506	47,504	53,556	60,848	73,755	80,424	87,320
Educational services	5,074	5,126	5,908	5,764	(D)	(D)	(D)	19,476	20,585	(D)	(D)	29,499
Social services	4,358	5,545	5,708	6,235	7,036	8,153	24,499	24,696*	25,615*	27,914	30,681	31,979
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	299	(D)	567*	628*	745*	855*
Membership organizations	12,137	13,027	13,072	13,269	13,329	13,416	26,372	27,626	28,799	30,580	31,212	31,846
Miscellaneous services	10,413	8,485	9,542	9,841	11,244	12,550	86,168	72,818	69,578	79,565	88,383	101,327
Government and government enterprises	124,274	132,343	136,429	144,632	154,111	160,161	445,537	484,088	521,190	551,999	595,245	621,581
Federal, civilian	15,445	15,749	16,097	18,357	20,120	19,767	87,142	92,383	101,967	110,848	119,835	120,005
Military	2,170	2,380	2,672	2,837	3,033	3,238	63,924	74,571	79,572	85,386	89,819	88,375
State and local	106,659	114,214	117,660	123,438	130,958	137,156	294,471	317,134	339,651	355,765	385,591	413,201

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Wichita Falls, TX (MSA)						Williamsport, PA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**1,436,332**	**1,516,694**	**1,553,184**	**1,660,455**	**1,736,619**	**1,731,735**	**1,107,051**	**1,154,014**	**1,190,892**	**1,271,517**	**1,342,048**	**1,423,596**
Nonfarm personal income	1,430,834	1,509,414	1,540,934	1,653,229	1,730,598	1,726,380	1,092,241	1,140,937	1,184,910	1,257,178	1,328,333	1,409,649
Farm income[1]	5,498	7,280	12,250	7,226	6,021	5,355	14,810	13,077	5,982	14,339	13,715	13,947
Population (thousands)[2]	123.7	126.0	126.4	126.5	126.5	127.1	117.5	117.6	117.4	117.1	116.3	116.3
Per capita personal income (dollars)	**11,607**	**12,036**	**12,290**	**13,122**	**13,734**	**13,623**	**9,419**	**9,817**	**10,144**	**10,857**	**11,535**	**12,237**
Derivation of total personal income:												
Total earnings by place of work	1,135,347	1,177,881	1,192,288	1,270,911	1,333,866	1,301,547	821,653	831,494	829,678	908,481	957,264	1,024,929
Less: Personal contributions for social insurance[3]	58,415	61,858	62,980	67,651	73,984	73,338	48,137	51,234	51,272	57,532	62,774	67,773
Plus: Adjustment for residence	−71,247	−71,469	−71,199	−76,689	−82,307	−82,095	−27,101	−23,932	−23,069	−25,320	−25,203	−27,323
Equals: Net earnings by place of residence	1,005,685	1,044,554	1,058,109	1,126,571	1,177,575	1,146,114	746,415	756,328	755,337	825,629	869,287	929,833
Plus: Dividends, interest, and rent[5]	254,187	273,080	277,129	310,425	317,223	327,582	150,202	161,950	178,240	196,521	210,687	221,458
Plus: Transfer payments	176,460	199,060	217,946	223,459	241,821	258,039	210,434	235,736	257,315	249,367	262,074	272,305
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	916,295	954,919	949,136	1,015,465	1,066,393	1,022,819	652,359	664,883	660,491	715,307	751,640	802,805
Other labor income	79,152	85,804	85,595	89,290	88,956	87,962	76,464	79,955	77,632	81,152	84,036	89,358
Proprietors' income[6]	139,900	137,158	157,557	166,156	178,517	190,766	92,830	86,656	91,555	112,022	121,588	132,766
Farm	4,654	6,391	11,388	6,373	5,158	4,488	12,604	10,699	3,720	12,132	11,467	11,692
Nonfarm	135,246	130,767	146,169	159,783	173,359	186,278	80,226	75,957	87,835	99,890	110,121	121,074
Earnings by industry:												
Farm	5,498	7,280	12,250	7,226	6,021	5,355	14,810	13,077	5,982	14,339	13,715	13,947
Nonfarm	1,129,849	1,170,601	1,180,038	1,263,685	1,327,845	1,296,192	806,843	818,417	823,696	894,142	943,549	1,010,982
Private	864,787	894,660	888,963	958,067	986,203	981,937	714,909	721,047	720,756	784,812	825,666	886,650
Agricultural services, forestry, fisheries, and other[7]	3,458	2,765	3,463	3,406	2,660	2,653	1,705	1,607	2,729	2,348	1,937	2,064
Agricultural services	3,401	2,758	3,308	3,313	2,559	2,537	1,540	1,606	2,258	1,731	1,573	1,663
Forestry, fisheries, and other[7]	57	(L)	155	93	101	116	165	(L)	471	617	364	401
Mining	127,448	126,211	109,514	113,170	91,022	65,188	5,740	4,934	4,729	6,054	6,949	6,757
Coal mining	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	(D)	(D)	(D)	(D)
Oil and gas extraction	(D)	(D)	(D)	112,631	(D)	(D)	2,258	1,631	1,627	1,943	3,013	2,935
Metal mining	(L)	(L)	(L)	(L)	(L)	57	0	0	0	0	0	0
Nonmetallic minerals, except fuels	(D)	(D)	(D)	554	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	71,894	73,982	75,875	86,854	92,921	98,514	32,310	30,917	33,476	38,876	47,169	54,083
Manufacturing	206,606	203,286	191,973	215,618	221,821	220,876	324,130	327,128	302,054	331,828	340,417	358,856
Nondurable goods	33,363	35,679	38,171	45,487	49,809	50,565	91,779	104,957	105,917	115,461	115,773	122,924
Food and kindred products	6,059	6,691	5,340	9,029	9,365	9,322	30,557	38,513	38,963	42,574	40,436	39,269
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,980	5,378	4,642
Apparel and other textile products	6,272	(D)	(D)	(D)	(D)	(D)	14,697	15,793	17,274	19,910	18,170	21,513
Paper and allied products	0	0	0	0	0	0	10,617	12,035	12,179	13,534	14,247	15,793
Printing and publishing	6,207	7,180	8,026	8,738	9,024	8,680	9,146	9,256	8,550	9,398	10,273	11,110
Chemicals and allied products	759	906	1,126	1,263	1,246	1,000	6,794	7,048	7,326	7,423	8,224	(D)
Petroleum and coal products	0	(D)	(D)	(D)	(D)	(D)	176	440	499	(D)	(D)	(D)
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	13,939	14,591	17,579	20,382	22,993	(D)	(D)	(D)	(D)	(D)	16,826	21,194
Leather and leather products	(D)	(D)	(D)	(D)	(D)	0	2,432	3,160	3,149	2,656	(D)	2,929
Durable goods	173,243	167,607	153,802	170,131	172,012	170,311	232,351	222,171	196,137	216,367	224,644	235,932
Lumber and wood products	(D)	6,524	6,195	(D)	3,640	1,679	8,078	6,488	10,869	10,996	16,042	19,984
Furniture and fixtures	1,365	1,386	1,720	1,536	1,748	419	10,123	16,836	18,580	23,346	27,413	23,780
Primary metal industries	12,770	(D)	(D)	18,894	(D)	(D)	33,388	29,037	24,180	27,899	25,439	24,888
Fabricated metal products	27,164	26,480	26,935	33,742	32,490	(D)	34,221	34,294	36,865	35,399	37,599	33,915
Machinery, except electrical	51,919	47,629	27,394	27,613	27,467	24,647	33,906	32,362	32,002	31,800	34,778	41,787
Electric and electronic equipment	23,448	23,769	28,962	32,053	28,774	30,905	42,724	50,170	31,095	33,010	30,959	33,433
Transportation equip. exc. motor vehicles	(L)	0	0	0	0	0	(D)	(D)	(D)	(D)	(D)	(D)
Motor vehicles and equipment	478	(D)	(D)	(D)	(D)	0	8,411	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	44,032	45,382	46,125	48,318	54,078	56,915	4,171	4,400	4,930	5,010	4,579	6,355
Instruments and related products	(D)	(D)	(D)	(D)	0	0	5,178	4,684	4,120	4,727	6,690	7,607
Miscellaneous manufacturing industries	68	1,733	1,947	2,417	2,078	2,276	(D)	293	981	1,037	956	833
Transportation and public utilities	63,432	69,238	70,288	71,680	76,286	77,268	57,090	56,873	54,371	58,331	58,563	59,604
Railroad transportation	8,771	8,654	8,892	9,172	8,022	8,207	8,449	7,347	6,644	6,413	5,502	5,221
Trucking and warehousing	18,340	17,570	16,499	18,237	18,375	17,890	18,073	17,947	17,106	20,491	20,263	20,171
Water transportation	(L)	(L)	(L)	(L)	(L)	(L)	0	0	0	0	0	0
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)	6,239	6,313	3,612	2,773	3,122	3,134
Communication	15,222	17,719	17,851	16,272	18,656	18,387	13,907	14,735	15,899	16,375	15,306	15,783
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)	10,422	10,531	11,110	12,279	14,370	15,295
Wholesale trade	55,459	59,122	51,845	60,540	61,373	61,832	42,990	40,911	40,751	41,102	46,228	51,990
Retail trade	124,497	128,899	136,995	137,432	144,520	145,535	83,596	83,714	91,627	94,544	95,824	102,733
Finance, insurance, and real estate	44,550	46,992	50,567	52,181	54,670	57,267	33,040	33,661	36,496	38,982	42,352	47,029
Banking and credit agencies	19,699	22,773	24,936	25,050	25,215	24,725	13,700	14,802	16,042	18,119	19,995	20,106
Other finance, insurance, and real estate[9]	24,851	24,219	25,631	27,131	29,455	32,542	19,340	18,859	20,454	20,863	22,357	26,923
Services	167,443	184,165	198,443	217,186	240,930	252,804	134,308	141,302	154,523	172,747	186,227	203,534
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)	2,446	2,376	2,975	2,768	3,320	3,738
Personal services	13,045	14,917	15,452	15,977	19,292	21,332	5,550	6,335	6,981	6,890	8,628	9,245
Private households	11,416	12,692	13,534	15,254	15,536	16,197	1,480	1,575	1,632	1,803	1,796	1,839
Business services	27,405	30,043	30,193	33,759	39,713	42,278	5,839	7,238	8,611	10,720	13,547	15,748
Auto repair, services, and garages	11,693	11,433	14,270	14,331	15,047	14,445	9,288	7,901	10,124	11,795	12,491	13,031
Miscellaneous repair services	6,123	7,283	7,562	7,863	6,668	5,739	1,800	(D)	(D)	2,632	2,132	2,098
Amusement and recreation services	2,757	2,748	3,144	3,772	4,449	4,017	2,058	2,277	2,359	2,635	2,817	2,978
Motion pictures	1,446	1,342	1,359	497	489	467	(L)	(D)	(D)	73	114	322
Health services	48,546	55,876	62,251	68,974	79,009	92,853	75,388	82,568	88,569	94,348	99,398	108,525
Legal services	7,762	8,662	8,916	10,675	13,031	13,241	5,502	6,362	6,874	9,183	9,687	10,756
Educational services	985	1,087	1,146	1,348	1,398	1,585	6,175	6,641	7,330	8,168	8,766	9,615
Social services	8,044	9,113	8,733	9,344	9,851	4,766	4,875	3,629	3,839	6,162	6,238	7,090
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Membership organizations	6,287	7,070	7,521	7,829	8,090	8,055	6,835	7,247	7,629	7,922	8,301	8,628
Miscellaneous services	18,233	18,115	18,420	22,105	24,409	24,341	7,080	5,409	5,212	7,648	8,992	9,921
Government and government enterprises	265,062	275,941	291,075	305,618	341,642	314,255	91,934	97,370	102,940	109,330	117,883	124,332
Federal, civilian	52,168	53,828	55,096	56,125	58,546	55,017	9,908	10,275	10,423	11,147	12,298	12,610
Military	115,916	114,187	119,329	127,153	158,103	137,528	2,948	2,841	3,431	2,896	3,125	3,315
State and local	96,978	107,926	116,650	122,340	124,993	121,710	79,078	84,254	89,086	95,287	102,460	108,407

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Wilmington, DE—NJ—MD (PMSA)						Wilmington, NC (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**6,278,655**	**6,668,861**	**7,151,886**	**7,759,857**	**8,393,264**	**9,017,069**	**956,068**	**1,009,056**	**1,103,870**	**1,209,462**	**1,335,176**	**1,460,637**
Nonfarm personal income	6,247,129	6,635,803	7,118,783	7,713,102	8,347,743	8,970,473	954,250	1,007,348	1,102,003	1,207,341	1,333,047	1,458,511
Farm income[1]	31,526	33,058	33,103	46,755	45,521	46,596	1,818	1,708	1,867	2,121	2,129	2,126
Population (thousands)[2]	525.3	529.4	534.1	538.3	543.4	550.7	105.5	107.6	108.8	110.4	112.3	114.1
Per capita personal income (dollars)	**11,952**	**12,596**	**13,391**	**14,415**	**15,445**	**16,373**	**9,066**	**9,377**	**10,145**	**10,959**	**11,891**	**12,796**
Derivation of total personal income:												
Total earnings by place of work	5,056,861	5,472,089	5,819,919	6,272,978	6,826,810	7,039,584	728,611	759,368	823,038	904,660	1,000,401	1,131,523
Less: Personal contributions for social insurance[3]	394,527	441,008	444,429	481,356	549,510	576,381	42,661	45,948	49,073	53,884	61,992	70,230
Plus: Adjustment for residence	−98,637	−228,291	−217,131	−208,281	−255,393	12,832	−28,630	−26,674	−24,773	−29,742	−34,818	−63,193
Equals: Net earnings by place of residence	4,563,697	4,802,790	5,158,359	5,583,341	6,021,907	6,476,035	657,320	686,746	749,192	821,034	903,591	998,100
Plus: Dividends, interest, and rent[5]	955,263	1,048,531	1,111,245	1,241,142	1,384,882	1,487,646	144,571	149,450	165,832	195,296	221,234	238,038
Plus: Transfer payments	759,695	817,540	882,282	935,374	986,475	1,053,388	154,177	172,860	188,846	193,132	210,351	224,499
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	4,185,652	4,551,233	4,806,683	5,177,676	5,644,135	5,787,966	612,491	639,923	678,474	742,657	820,583	927,005
Other labor income	514,462	578,147	618,278	636,094	676,681	674,195	58,121	63,974	68,098	69,458	74,043	83,825
Proprietors' income[6]	356,747	342,709	394,958	459,208	505,994	577,423	57,999	55,471	76,466	92,545	105,775	120,693
Farm	20,129	20,968	21,511	35,432	34,124	35,162	1,462	1,313	1,485	1,741	1,747	1,747
Nonfarm	336,618	321,741	373,447	423,776	471,870	542,261	56,537	54,158	74,981	90,804	104,028	118,946
Earnings by industry:												
Farm	31,526	33,058	33,103	46,755	45,521	46,596	1,818	1,708	1,867	2,121	2,129	2,126
Nonfarm	5,025,335	5,439,031	5,786,816	6,226,223	6,781,289	6,992,988	726,793	757,660	821,171	902,539	998,272	1,129,397
Private	4,466,564	4,854,874	5,168,186	5,562,100	6,073,341	6,239,097	590,621	610,285	665,567	738,551	815,542	929,848
Agricultural services, forestry, fisheries, and other[7]	10,163	11,078	14,228	14,751	14,903	17,401	2,354	2,288	3,572	3,624	5,639	6,316
Agricultural services	9,838	10,037*	12,237*	12,937*	12,971*	15,123*	1,876	1,961	2,626	3,341	4,154	4,624
Forestry, fisheries, and other[7]	325	(D)	(D)	(D)	(D)	(D)	478	327	946	283	1,485	1,692
Mining	25,875	24,243	21,754	24,025	34,019	32,151	3,192	2,677	3,165	3,521	4,721	4,866
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)	1,841	3,059	3,150
Metal mining	0	0	0	(D)	(D)	(D)	0	0	0	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction	498,912	680,184	727,167	764,143	841,353	728,078	47,564	48,224	54,300	70,384	79,076	83,290
Manufacturing	2,050,002	2,108,064	2,210,328	2,364,772	2,507,697	2,411,000	191,207	187,086	190,871	187,635	194,732	245,948
Nondurable goods	1,468,682	1,575,570	1,631,190	1,729,865	1,818,454	1,785,906	120,713	121,291	125,390	131,696	130,114	170,616
Food and kindred products	(D)	23,659*	23,554*	21,970*	21,995*	20,173*	8,161	8,489	9,076	9,473	10,779	13,385
Textile mill products	(D)	(D)	(D)	(D)	(D)	(D)	12,846	(D)	(D)	(D)	(D)	484
Apparel and other textile products	11,793	(D)	(D)	(D)	9,735*	(D)	11,128	9,722	9,500	11,693	11,521	12,429
Paper and allied products	19,892	19,839	21,382	15,821	16,082	18,097	(D)	(D)	(D)	(D)	(D)	(D)
Printing and publishing	31,507*	32,550*	(D)	40,008	45,244*	48,602	5,091	5,425	5,978	6,684	7,559	8,394
Chemicals and allied products	(D)	(D)	(D)	(D)	(D)	(D)	78,957	81,622	88,104	92,331	90,357	127,752
Petroleum and coal products	51,189	61,003	65,432	66,859*	65,629*	(D)	0	0	0	0	485	(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	(L)	(D)	(D)	(D)	(D)	(D)	0	0	0	0	0	0
Durable goods	581,320	532,494	579,138	634,907	689,243	625,094	70,494	65,795	65,481	55,939	64,618	75,332
Lumber and wood products	(D)	(D)	(D)	7,014	7,855	(D)	6,373	5,307	5,053	4,340	5,116	6,888
Furniture and fixtures	664*	(D)	(D)	(D)	1,170	1,699	(D)	(D)	(D)	1,268	1,444	1,747
Primary metal industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	755	(D)	(D)
Fabricated metal products	35,730*	34,762*	30,538*	31,492*	28,569*	35,982*	27,694	22,982	17,659	5,092	5,757	6,230
Machinery, except electrical	27,668*	28,687*	29,278*	29,976*	31,360*	32,748*	3,465	8,130	12,258	(D)	(D)	(D)
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	83,073*	16,820	17,126	21,157	22,361	29,057	37,346
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,600	1,290	1,630	1,573	1,394
Motor vehicles and equipment	271,403	(D)	(D)	(D)	(D)	(D)	4,746	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	(D)	(D)	(D)	(D)	(D)	(D)	8,075	7,286	4,226	3,762	3,879	4,239
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	0	0	(D)
Transportation and public utilities	311,681	(D)	(D)	364,704	(D)	(D)	73,913	81,560	86,505	88,709	92,674	94,276
Railroad transportation	(D)	(D)	(D)	41,027	37,553	(D)	(D)	7,216	7,952	7,628	6,562	5,336
Trucking and warehousing	(D)	(D)	(D)	88,512	91,666	120,886	15,220	17,407	19,005	21,599	21,803	22,898
Water transportation	(D)	12,622	13,962	15,371	16,608	(D)	12,538	13,047	11,736	11,738	13,441	14,090
Other transportation[8]	21,637*	20,430	24,836	25,314	28,787	30,211	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	48,203	16,018	18,724	20,725	21,297	22,719	23,676
Electric, gas, and sanitary services	(D)	(D)	(D)	138,744*	(D)	(D)	12,164	(D)	(D)	(D)	(D)	(D)
Wholesale trade	222,199	233,243*	213,418*	236,724	244,161	266,140	40,201	43,164	44,818	52,956	67,213	76,078
Retail trade	399,520	415,027	453,025	489,838	522,931	570,807	91,668	96,538	109,215	123,877	135,026	148,324
Finance, insurance, and real estate	207,439	223,796	284,991	323,496	385,724	496,394	24,038	23,831	29,311	32,921	39,436	46,705
Banking and credit agencies	80,045*	114,056	143,381	(D)	222,520	280,812*	9,127	9,475	11,078	12,573	14,767	17,943
Other finance, insurance, and real estate[9]	119,497*	109,740	141,610	(D)	163,204	203,721*	14,911	14,356	18,233	20,348	24,669	28,762
Services	740,773	830,371	890,742	979,647	1,026,268*	1,153,150*	116,484	124,917	143,810	174,924	197,025	224,045
Hotels and other lodging places	(D)	(D)	(D)	22,046*	23,032	25,909	5,637	5,019	6,445	6,820	7,026	7,737
Personal services	26,660	29,082	33,834	35,654	41,846	45,219	8,832	9,398	10,469	11,623	13,175	13,376
Private households	(D)	(D)	(D)	30,645	31,039	32,327	5,192	5,599	5,853	6,577	6,677	6,911
Business services	118,054	150,203	155,381	171,064	199,802*	238,919*	16,135	19,222	20,729	25,463	31,435	35,013
Auto repair, services, and garages	34,243	33,506	38,714	44,775	49,272	48,125	6,144	6,078	7,869	9,062	10,268	11,616
Miscellaneous repair services	14,063*	(D)	(D)	(D)	16,791*	17,130*	5,353	5,250	6,296	7,515	6,334	5,322
Amusement and recreation services	17,157	18,201	17,076	19,951	24,645	26,020	2,128	2,372	2,877	3,095	3,290	3,879
Motion pictures	1,080	1,045*	1,169*	1,427	1,580	1,977	(D)	(D)	(D)	(D)	(D)	(D)
Health services	260,843	300,404	322,882	349,782	380,202	427,586	35,387	40,589	46,180	55,363	61,423	68,660
Legal services	55,880	64,478	69,392	79,821	88,225	104,067	7,326	7,743	8,584	11,434	12,963	14,865
Educational services	31,066	36,292	40,156	44,047	46,705	50,722	1,389	1,569	1,808	2,288	2,390	2,819
Social services	30,539	30,319	32,996	35,670	38,509	43,434	2,824	2,475	2,500	2,869	3,266	3,649
Museums, botanical, zoological gardens	(D)	7,386	8,055	8,545	9,051	9,511	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	37,880	40,718	42,353	46,368	48,492	50,147	6,347	7,013	8,060	8,358	8,552	8,769
Miscellaneous services	65,518	(D)	(D)	67,114	91,251	102,311	13,461	12,238	15,701	19,133	23,808	27,670
Government and government enterprises	558,771	584,157	618,630	664,123	707,948	753,891	136,172	147,375	155,604	163,988	182,730	199,549
Federal, civilian	105,259	108,626	116,294	126,887	134,247	134,724	20,652	21,366	22,799	23,853	26,372	27,678
Military	12,714	14,957	17,592	18,498	20,041	22,544	7,658	9,024	8,687	9,267	9,536	9,622
State and local	440,798	460,574	484,744	518,738	553,660	596,623	107,862	116,985	124,118	130,868	146,822	162,249

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Worcester—Fitchburg—Leominster, MA (NECMA)						Yakima, WA (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**7,132,401**	**7,585,873**	**8,122,725**	**9,053,479**	**9,774,908**	**10,580,405**	**1,696,468**	**1,750,387**	**1,831,483**	**2,004,154**	**2,055,644**	**2,251,053**
Nonfarm personal income	7,112,087	7,563,745	8,102,691	9,027,278	9,749,369	10,550,073	1,541,856	1,602,039	1,691,429	1,816,949	1,916,675	2,020,360
Farm income[1]	20,314	22,128	20,034	26,201	25,539	30,332	154,612	148,348	140,054	187,205	138,969	230,693
Population (thousands)[2]	646.1	646.1	646.8	649.4	654.0	661.1	175.4	176.9	179.5	180.8	182.3	183.2
Per capita personal income (dollars)	**11,039**	**11,742**	**12,558**	**13,942**	**14,946**	**16,005**	**9,674**	**9,897**	**10,204**	**11,083**	**11,274**	**12,285**
Derivation of total personal income:												
Total earnings by place of work	4,454,160	4,594,737	4,875,271	5,498,675	5,997,753	6,615,868	1,105,206	1,107,241	1,158,343	1,286,254	1,290,015	1,446,879
Less: Personal contributions for social insurance[3]	251,065	260,496	276,310	313,127	355,766	394,298	53,098	56,295	60,486	64,866	70,523	74,768
Plus: Adjustment for residence	753,087	853,512	965,604	1,100,393	1,233,843	1,258,949	70,825	68,890	65,008	62,274	68,018	68,581
Equals: Net earnings by place of residence	4,956,182	5,187,753	5,564,565	6,285,941	6,875,830	7,480,519	1,122,933	1,119,836	1,162,865	1,283,662	1,287,510	1,440,692
Plus: Dividends, interest, and rent[5]	986,156	1,097,689	1,192,234	1,365,466	1,419,148	1,523,900	271,770	291,851	311,363	337,046	349,597	370,280
Plus: Transfer payments	1,190,063	1,300,431	1,365,926	1,402,072	1,479,930	1,575,986	301,765	338,700	357,255	383,446	418,537	440,081
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	3,710,847	3,821,571	4,014,127	4,534,270	4,943,614	5,449,369	833,192	854,015	891,784	951,549	993,244	1,041,999
Other labor income	405,122	432,680	455,612	494,818	525,304	567,582	61,215	66,542	71,755	74,614	77,304	80,771
Proprietors' income[6]	338,191	340,486	405,532	469,587	528,835	598,917	210,799	186,684	194,804	260,091	219,467	324,109
Farm	13,063	15,123	13,226	19,500	18,788	23,575	92,750	74,484	69,090	117,663	68,503	159,655
Nonfarm	325,128	325,363	392,306	450,087	510,047	575,342	118,049	112,200	125,714	142,428	150,964	164,454
Earnings by industry:												
Farm	20,314	22,128	20,034	26,201	25,539	30,332	154,612	148,348	140,054	187,205	138,969	230,693
Nonfarm	4,433,846	4,572,609	4,855,237	5,472,474	5,972,214	6,585,536	950,594	958,893	1,018,289	1,099,049	1,151,046	1,216,186
Private	3,929,356	4,049,602	4,300,164	4,867,469	5,319,507	5,869,269	791,288	797,679	846,453	912,238	945,640	1,000,561
Agricultural services, forestry, fisheries, and other[7]	8,367	9,819	12,531	13,206	16,334	20,524	20,072	22,999	23,419	24,396	24,363	25,891
Agricultural services	8,112	9,746	11,702	12,696	15,455	19,143	19,511	22,567	22,580	23,699	23,890	25,340
Forestry, fisheries, and other[7]	255	73	829	510	879	1,381	561	432	839	697	473	551
Mining	13,461	13,424	11,142	12,745	17,146	19,178	3,723	3,365	2,528	3,869	4,318	4,636
Coal mining	(L)	(L)	56	(L)	50	53	(L)	(L)	(L)	(L)	(L)	(L)
Oil and gas extraction	11,410	11,194	8,727	9,441	13,298	13,770	2,915	2,582	1,723	2,624	3,090	3,046
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Nonmetallic minerals, except fuels	2,023	2,202	2,360	3,261	3,800	5,348	807	800	803	1,247	1,207	1,545
Construction	200,381	219,206	254,026	317,637	388,149	466,284	62,035	59,363	61,140	72,576	72,084	76,428
Manufacturing	1,807,990	1,794,905	1,774,432	1,993,881	2,039,429	2,118,284	153,049	147,255	159,285	172,659	186,690	194,829
Nondurable goods	493,556	497,252	518,352	550,230	554,960	585,998	82,293	86,110	86,225	94,158	101,283	105,273
Food and kindred products	32,966	32,711	29,844	31,071	33,983	35,411	56,519	59,632	58,779	63,641	66,888	71,587
Textile mill products	66,119	56,189	64,039	70,376	70,101	67,816	0	0	0	0	0	0
Apparel and other textile products	27,985	29,530	29,741	30,531	28,090	23,865	(D)	(D)	(D)	(D)	(D)	621
Paper and allied products	73,419	75,569	78,529	84,384	82,506	86,120	10,664	12,087	12,607	14,427	16,095	16,245
Printing and publishing	56,625	59,627	64,254	71,459	80,248	89,416	6,912	7,260	7,900	8,459	8,401	8,359
Chemicals and allied products	49,126	52,814	50,311	52,791	52,493	56,358	897	(D)	(D)	(D)	1,003	957
Petroleum and coal products	7,727	8,059	8,682	9,441	10,171	11,651	0	0	0	102	(D)	323
Tobacco manufactures	0	0	0	0	0	0	0	0	0	0	0	0
Rubber and misc. plastic products	141,706	148,901	163,720	175,650	177,657	196,194	(D)	5,431	5,635	6,080	7,590	7,181
Leather and leather products	37,883	33,852	29,232	24,527	19,711	19,167	0	0	0	0	0	0
Durable goods	1,314,434	1,297,653	1,256,080	1,443,651	1,484,469	1,532,286	70,756	61,145	73,060	78,501	85,407	89,556
Lumber and wood products	8,989	6,965	8,569	10,421	11,147	12,507	33,102	26,051	36,771	38,028	38,558	38,485
Furniture and fixtures	60,475	57,188	59,077	64,551	66,224	83,471	3,189	2,708	2,628	2,765	2,738	2,631
Primary metal industries	79,384	76,040	75,594	86,324	75,275	83,470	(D)	(D)	(D)	(D)	(D)	(D)
Fabricated metal products	265,972	255,936	243,808	292,454	298,839	261,214	6,754	5,967	6,169	6,152	7,428	7,685
Machinery, except electrical	540,749	533,546	497,940	578,067	606,038	556,881	11,084	11,739	10,410	11,216	12,178	14,125
Electric and electronic equipment	36,045	49,124	61,203	74,994	85,658	201,109	0	(L)	0	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	(D)	(D)	(D)	5,769	6,972	7,925	10,083	10,775
Motor vehicles and equipment	(D)	(D)	(D)	(D)	(D)	(D)	463	(D)	(D)	(D)	4,344	3,630
Stone, clay, and glass products	167,010	163,395	162,957	182,907	178,167	164,053	3,106	2,423	2,874	4,062	3,342	3,832
Instruments and related products	125,461	124,465	117,667	126,826	138,658	145,166	(D)	(D)	(D)	913	(D)	(D)
Miscellaneous manufacturing industries	26,893	28,113	27,016	24,483	21,504	18,868	5,589	4,898	5,632	6,631	5,537	7,059
Transportation and public utilities	248,219	262,305	258,762	285,535	323,408	347,304	62,955	64,589	67,954	74,627	74,972	75,880
Railroad transportation	7,366	7,023	6,953	8,714	9,232	8,496	5,291	4,825	4,559	4,368	3,507	3,016
Trucking and warehousing	75,533	79,869	80,446	91,504	97,058	112,592	26,212	26,340	28,664	34,115	32,559	33,958
Water transportation	−233	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(L)	(L)
Other transportation[8]	21,994	(D)	(D)	(D)	(D)	(D)	3,696	3,556	4,218	4,849	5,750	5,232
Communication	58,395	65,903	60,012	56,932	74,034	78,095	18,389	20,288	21,094	21,155	21,596	21,681
Electric, gas, and sanitary services	85,164	84,276	83,755	95,393	105,253	110,601	9,364	9,581	9,432	10,152	11,566	11,992
Wholesale trade	248,990	254,882	298,692	334,727	382,551	428,027	119,210	119,427	122,809	122,356	120,790	128,333
Retail trade	414,019	415,648	469,432	529,249	593,784	680,835	129,283	133,719	140,680	147,686	154,302	163,663
Finance, insurance, and real estate	211,254	216,603	246,726	268,130	311,242	378,998	32,454	32,713	36,560	39,322	40,869	46,988
Banking and credit agencies	70,206	78,993	85,816	92,265	101,044	120,233	14,646	16,356	16,811	17,641	18,077	19,831
Other finance, insurance, and real estate[9]	141,048	137,610	160,910	175,865	210,198	258,765	17,808	16,357	19,749	21,681	22,792	27,157
Services	776,675	862,810	974,421	1,112,359	1,247,464	1,409,835	208,507	214,249	232,078	254,747	267,252	283,913
Hotels and other lodging places	9,357	12,539	13,798	14,193	16,331	21,410	5,771	4,898	5,538	5,214	3,761	4,430
Personal services	39,394	41,453	45,852	51,368	62,733	67,037	11,452	12,702	13,111	14,705	17,177	19,399
Private households	10,316	10,998	11,420	12,702	12,757	13,081	2,351	2,526	2,630	2,935	2,972	3,076
Business services	84,517	104,686	138,565	177,077	216,792	252,743	17,446	17,703	19,829	25,197	28,735	31,577
Auto repair, services, and garages	37,849	42,401	49,598	60,215	69,655	80,209	12,518	11,772	14,283	17,508	16,821	16,747
Miscellaneous repair services	12,564	12,978	15,478	18,607	18,384	20,807	4,904	5,085	6,927	8,539	7,263	7,341
Amusement and recreation services	10,337	10,385	12,020	13,536	15,133	17,376	3,112	3,412	4,487	5,489	5,838	5,129
Motion pictures	(D)	1,257	1,304	1,445	(D)	1,755	(D)	(D)	(D)	(D)	(D)	(D)
Health services	338,447	377,300	408,342	447,010	479,097	523,859	88,452	92,687	97,911	101,393	107,291	113,940
Legal services	35,694	41,983	51,232	59,714	67,830	79,981	11,596	12,985	15,026	17,859	18,682	20,687
Educational services	68,285	74,034	81,576	91,338	98,953	112,182	5,104	5,563	6,270	7,277	7,534	8,115
Social services	40,715	44,835	49,207	53,487	59,028	69,811	9,820	10,120	10,526	10,303	11,350	12,118
Museums, botanical, zoological gardens	(D)	4,482	4,837	5,745	(D)	7,009	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	32,946	35,117	37,427	43,592	48,055	50,504	20,714	20,294	20,431	21,450	21,947	20,805
Miscellaneous services	51,107	48,362	53,765	62,330	74,817	92,071	14,099	13,406	13,945	15,736	16,674	19,399
Government and government enterprises	504,490	523,007	555,073	605,005	652,707	716,267	159,306	161,214	171,836	186,811	205,406	215,625
Federal, civilian	48,783	50,987	52,252	56,849	61,322	64,787	24,232	25,252	26,761	27,880	30,637	30,699
Military	12,787	14,249	17,010	17,164	17,726	20,715	5,365	6,322	7,028	7,591	7,744	8,568
State and local	442,920	457,771	485,811	530,992	573,659	630,765	129,709	129,640	138,047	151,340	167,025	176,358

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	York, PA (MSA)						Youngstown—Warren, OH (MSA)					
	1981	1982	1983	1984	1985	1986	1981	1982	1983	1984	1985	1986
Income by Place of Residence												
Total personal income	**4,349,344**	**4,552,218**	**4,789,121**	**5,216,052**	**5,572,511**	**5,900,920**	**5,538,708**	**5,428,473**	**5,653,772**	**6,078,580**	**6,307,124**	**6,443,817**
Nonfarm personal income	4,300,922	4,502,759	4,765,955	5,165,521	5,532,589	5,844,369	5,531,948	5,422,485	5,648,945	6,067,184	6,296,772	6,433,613
Farm income[1]	48,422	49,459	23,166	50,531	39,922	56,551	6,760	5,988	4,827	11,396	10,352	10,204
Population (thousands)[2]	385.3	387.2	388.1	391.6	393.3	397.7	528.3	524.3	521.2	516.7	513.6	510.0
Per capita personal income (dollars)	**11,289**	**11,758**	**12,339**	**13,320**	**14,169**	**14,836**	**10,483**	**10,355**	**10,847**	**11,765**	**12,280**	**12,634**
Derivation of total personal income:												
Total earnings by place of work	2,878,532	2,912,715	3,008,591	3,339,568	3,565,432	3,789,755	4,132,879	3,749,941	3,950,843	4,341,930	4,508,529	4,538,272
Less: Personal contributions for social insurance[3]	173,580	184,287	185,983	210,400	234,240	250,482	250,797	237,894	256,936	284,201	308,708	313,972
Plus: Adjustment for residence	510,671	524,862	580,891	649,643	685,288	736,590	−45,324	−28,743	−89,176	−111,117	−132,578	−137,258
Equals: Net earnings by place of residence	3,215,623	3,253,290	3,403,499	3,778,811	4,016,480	4,275,863	3,836,758	3,483,304	3,604,731	3,946,612	4,067,243	4,087,042
Plus: Dividends, interest, and rent[5]	601,141	673,563	712,073	780,703	853,258	893,862	770,266	822,127	881,191	966,541	1,009,366	1,056,685
Plus: Transfer payments	532,580	625,365	673,549	656,538	702,773	731,195	931,684	1,123,042	1,167,850	1,165,427	1,230,515	1,300,090
Earnings by Place of Work												
Earnings by type:												
Wages and salaries	2,304,554	2,338,829	2,412,833	2,661,345	2,846,416	3,000,555	3,436,204	3,123,462	3,251,257	3,573,051	3,709,786	3,711,848
Other labor income	268,581	274,848	281,238	298,566	316,432	332,316	448,976	402,313	436,362	464,062	467,548	460,525
Proprietors' income[6]	305,397	299,038	314,520	379,657	402,584	456,884	247,699	224,166	263,224	304,817	331,195	365,899
Farm	32,915	32,928	7,417	35,157	24,254	40,783	2,545	1,538	532	7,163	6,062	5,881
Nonfarm	272,482	266,110	307,103	344,500	378,330	416,101	245,154	222,628	262,692	297,654	325,133	360,018
Earnings by industry:												
Farm	48,422	49,459	23,166	50,531	39,922	56,551	6,760	5,988	4,827	11,396	10,352	10,204
Nonfarm	2,830,110	2,863,256	2,985,425	3,289,037	3,525,510	3,733,204	4,126,119	3,743,953	3,946,016	4,330,534	4,498,177	4,528,068
Private	2,557,669	2,557,125	2,668,952	2,960,660	3,174,927	3,380,057	3,775,096	3,368,552	3,547,546	3,909,245	4,054,438	4,066,145
Agricultural services, forestry, fisheries, and other[7]	9,650	10,996	13,915	13,565	12,966	14,889	7,767	7,870	10,665	11,659	11,704	13,057
Agricultural services	(D)	10,508	12,305	11,976	11,385	13,005	(D)	7,968	9,913	11,045	11,438	12,703
Forestry, fisheries, and other[7]	(D)	488	1,610	1,589	1,581	1,884	(D)	−98	752	614	266	354
Mining	16,269	(D)	(D)	15,190	20,088	19,939	28,426	28,070	23,566	24,764	30,739	27,703
Coal mining	(L)	(L)	(L)	54	58	60	3,020	3,210	2,872	3,395	3,651	3,960
Oil and gas extraction	(D)	(D)	(D)	5,632	(D)	(D)	(D)	(D)	(D)	20,423	24,993	21,347
Metal mining	(L)	(L)	(L)	(L)	(L)	(L)	−100	−1,082	−122	−419	(D)	(D)
Nonmetallic minerals, except fuels	9,192*	(D)	(D)	9,508	10,965*	10,890*	(D)	(D)	(D)	1,365	(D)	(D)
Construction	165,609	166,788	180,338	209,201	258,505	272,798	193,109	175,080	164,932	192,037	216,747	236,898
Manufacturing	1,295,574	1,240,500	1,251,552	1,398,499	1,423,685	1,480,165	2,045,514	1,636,134	1,756,809	1,960,445	1,958,684	1,825,591
Nondurable goods	375,218	383,335	409,143	432,337	435,778	468,103	105,098	99,418	108,008	116,171	117,058	118,698
Food and kindred products	79,945	86,660	89,779	93,622	102,855	110,154	29,105	28,885	30,450	31,677	31,646	33,462
Textile mill products	37,026*	36,514*	41,308*	37,143*	25,414	24,137	(D)	0	0	0	(D)	(D)
Apparel and other textile products	40,692	42,245	39,161	39,760	38,413	40,022	5,138*	4,209*	4,138*	(D)	(D)	(D)
Paper and allied products	86,231	91,928	100,872	111,006	116,925	125,585	7,801*	8,064	9,107	(D)	(D)	(D)
Printing and publishing	70,909	76,406	83,260	89,450	94,491	105,855	26,191	26,140	27,648	27,048	28,627	29,456
Chemicals and allied products	8,793*	8,727*	8,434*	9,712	10,156	10,322	(D)	(D)	(D)	(D)	(D)	(D)
Petroleum and coal products	4,810	949	1,744	2,384	1,441	1,674	3,231	1,182	1,225	1,530	1,470	1,748
Tobacco manufactures	(D)	4,010	4,093	3,839	3,638	4,634	0	0	0	0	0	0
Rubber and misc. plastic products	7,658*	6,655*	10,282*	14,477*	17,200	20,689	28,738	26,639	31,334	36,449	33,140	30,720
Leather and leather products	32,163	27,400	29,407	30,882	25,245	25,031	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods	920,356	857,165	842,409	966,162	987,907	1,012,062	1,940,416	1,536,716	1,648,801	1,844,274	1,841,626	1,706,893
Lumber and wood products	(D)	19,161	23,212	27,829	27,980	33,457	5,654	5,061	5,781	6,887	5,564	5,758
Furniture and fixtures	44,769	42,047	43,061	50,180	48,827	44,203	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	(D)	28,437	28,190	29,380	28,994	29,933	1,013,299	816,529	808,189	896,166	868,552	798,407
Fabricated metal products	125,373	121,643	128,907	142,785	155,229	191,360	267,491	216,024	249,224	278,679	281,693	266,734
Machinery, except electrical	355,907	329,022	290,674	317,003*	319,947*	304,269	146,973	133,588	105,154	113,842	113,952	109,645
Electric and electronic equipment	121,978	115,359	123,146	153,064	143,088	150,838	63,468	(D)	(D)	(D)	69,825	63,354
Transportation equip. exc. motor vehicles	113,394*	101,407*	94,749*	101,771*	118,747*	124,240*	(D)	(D)	(D)	(D)	(D)	29,268
Motor vehicles and equipment	16,721	(D)	(D)	(D)	(D)	(D)	282,740	(D)	(D)	(D)	(D)	(D)
Stone, clay, and glass products	52,707	50,870	57,849	64,644	68,283	72,015	38,261	32,643	35,104	37,295	37,944	34,285
Instruments and related products	(D)	(D)	(D)	(D)	(D)	(D)	1,789	1,824	2,177	3,201*	3,352*	4,073*
Miscellaneous manufacturing industries	15,144	13,248	13,224	13,111	14,166	16,032	1,582*	2,074*	2,187*	2,653*	3,427	3,669
Transportation and public utilities	194,599	197,986	200,585	213,597	234,061	229,099	236,095	219,406	217,761	234,869	237,309	237,753
Railroad transportation	5,276	4,472	3,911	3,619	2,964	(D)	43,270	35,981	30,112	31,514	29,932	29,157
Trucking and warehousing	100,942	97,031	90,713	94,571	94,456	82,595	95,407	78,527	82,125	92,387	96,469	93,771
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	27,159*	30,986	32,152	33,794	34,155	35,873	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	49,966	55,555	63,729	69,936	90,002	94,028	39,376	43,796	46,181	50,002	53,364	54,505
Wholesale trade	144,870	150,728	155,739	170,662	185,846	199,376	176,228	180,814	176,568	194,276	211,110	222,942
Retail trade	286,890	302,356	328,424	357,814	387,873	431,894	368,739	365,275	374,088	389,039	407,844	428,635
Finance, insurance, and real estate	63,442	(D)	(D)	74,213	83,476	100,651	106,719	102,972	117,268	122,779	134,734	162,317
Banking and credit agencies	(D)	(D)	(D)	(D)	(D)	(D)	48,147	50,948	54,065	56,926	61,963	67,978
Other finance, insurance, and real estate[9]	(D)	(D)	(D)	(D)	(D)	(D)	58,572	52,024	63,203	65,853	72,771	94,339
Services	380,766	412,105	455,492	507,919	568,427	631,246	612,499	652,931	705,889	779,377	845,567	911,249
Hotels and other lodging places	9,550	(D)	(D)	(D)	13,147	(D)	9,113	7,483	7,696	7,014	6,886	7,387
Personal services	24,849	26,851	30,676	34,894	43,099	47,353	35,050	37,512	39,235	40,772	47,559	48,861
Private households	5,573	5,944	6,162	6,817	6,802	6,974	6,716	7,150	7,380	8,166	8,164	8,357
Business services	39,936	48,463	55,749	64,376	76,229	94,737	44,664	42,630	51,137	65,036	78,710	95,600
Auto repair, services, and garages	32,203	31,339	36,747	41,554	44,449	47,653	28,671	24,142	28,438	39,364	42,735	39,823
Miscellaneous repair services	7,512	8,730	10,983	13,383	12,430	13,842	11,264	9,368	11,087	13,283	12,901	12,592
Amusement and recreation services	9,408	9,906	10,154	11,318	12,729	14,073	(D)	(D)	(D)	(D)	(D)	(D)
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)	1,359	1,327	1,300	1,290	1,342	1,365
Health services	139,570	160,160	174,533	186,739	205,475	223,826	316,281	370,981	396,817	419,740	443,646	477,873
Legal services	14,488	16,304	19,104	22,697	25,058	27,573	24,971	26,744	28,004	33,407	36,257	40,082
Educational services	(D)	19,299	21,280	(D)	(D)	(D)	16,175	(D)	(D)	(D)	(D)	(D)
Social services	17,390	13,810	13,867	16,499	18,303	20,204	19,679	18,855	20,469	23,641	26,010	28,522
Museums, botanical, zoological gardens	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Membership organizations	21,092	23,971	25,650	27,144	28,861	30,701	36,559	38,674	39,046	39,314	39,748	40,258
Miscellaneous services	40,062	36,477	37,873	45,808	55,912	60,993	48,928	38,032	44,465	53,372	62,787	69,989
Government and government enterprises	272,441	306,131	316,473	328,377	350,583	353,147	351,023	375,401	398,470	421,289	443,739	461,923
Federal, civilian	100,719	123,331	124,375	126,041	136,274	123,553	45,926	47,664	50,277	52,785	55,288	55,367
Military	9,020	8,723	11,046	9,974	11,174	11,908	5,457	6,379	7,080	6,950	7,362	7,875
State and local	162,702	174,077	181,052	192,362	203,135	217,686	299,640	321,358	341,113	361,554	381,089	398,681

See footnotes at end of tables.

Table 7.—Personal Income for Metropolitan Areas by Type and Industry, 1981–86—Continued

[Thousands of dollars]

	Yuba City, CA (MSA)					
	1981	1982	1983	1984	1985	1986
Income by Place of Residence						
Total personal income	**1,080,447**	**1,054,199**	**1,074,130**	**1,178,516**	**1,261,045**	**1,312,644**
Nonfarm personal income	921,689	970,970	1,012,323	1,087,206	1,153,798	1,252,780
Farm income[1]	158,758	83,229	61,807	91,310	107,247	59,864
Population (thousands)[2]	104.0	106.7	109.0	109.8	111.9	114.2
Per capita personal income (dollars)	**10,387**	**9,879**	**9,852**	**10,736**	**11,272**	**11,498**
Derivation of total personal income:						
Total earnings by place of work	737,526	678,735	681,755	751,411	802,017	808,445
Less: Personal contributions for social insurance[3]	32,540	34,727	37,376	40,262	43,958	47,387
Plus: Adjustment for residence	2,736	9,330	2,235	10,073	12,084	25,702
Equals: Net earnings by place of residence	707,722	653,338	646,614	721,222	770,143	786,760
Plus: Dividends, interest, and rent[5]	158,990	166,157	173,575	189,721	198,550	213,573
Plus: Transfer payments	213,735	234,704	253,941	267,573	292,352	312,311
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	496,991	515,405	525,741	554,799	580,947	618,954
Other labor income	41,495	44,309	46,948	47,633	49,170	52,436
Proprietors' income[6]	199,040	119,021	109,066	148,979	171,900	137,055
Farm	128,821	50,427	32,549	60,566	75,707	29,404
Nonfarm	70,219	68,594	76,517	88,413	96,193	107,651
Earnings by industry:						
Farm	158,758	83,229	61,807	91,310	107,247	59,864
Nonfarm	578,768	595,506	619,948	660,101	694,770	748,581
Private	390,792	391,207	402,129	429,465	460,160	499,483
Agricultural services, forestry, fisheries, and other[7]	11,033	11,534	11,457	11,514	10,165	10,550
Agricultural services	10,902	11,540	11,086	11,288	9,905	10,252
Forestry, fisheries, and other[7]	131	(L)	371	226	260	298
Mining	3,147	3,135	5,812	6,100	8,428	8,037
Coal mining	(L)	(L)	(L)	(D)	(L)	(L)
Oil and gas extraction	2,332	(D)	(D)	2,863	3,954	3,895
Metal mining	(D)	(D)	(D)	(D)	(D)	(D)
Nonmetallic minerals, except fuels	(D)	(L)	139	(D)	(D)	(D)
Construction	39,920	39,148	39,566	49,452	53,711	66,714
Manufacturing	75,459	67,612	75,380	70,781	67,217	73,745
Nondurable goods	35,001	33,737	34,500	26,770	27,066	28,406
Food and kindred products	(D)	(D)	(D)	(D)	(D)	(D)
Textile mill products	0	(D)	(D)	0	0	0
Apparel and other textile products	(D)	(D)	(D)	141	(D)	(D)
Paper and allied products	0	0	0	(D)	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	0	0	(D)	177	306
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	40,458	33,875	40,880	44,011	40,151	45,339
Lumber and wood products	27,188	22,057	29,197	28,881	25,506	32,309
Furniture and fixtures	(D)	(D)	(D)	(D)	(D)	(D)
Primary metal industries	0	0	0	0	0	0
Fabricated metal products	3,735	3,054	3,481	(D)	4,831	5,401
Machinery, except electrical	7,639*	7,145*	6,145*	6,336*	6,514*	4,594
Electric and electronic equipment	(D)	(D)	(D)	(D)	(D)	(D)
Transportation equip. exc. motor vehicles	(D)	(D)	(D)	(D)	254*	(D)
Motor vehicles and equipment	236*	(D)	(D)	0	(D)	(D)
Stone, clay, and glass products	596	(D)	(D)	(D)	(D)	(D)
Instruments and related products	(D)	(L)	0	(D)	(D)	(D)
Miscellaneous manufacturing industries	(D)	(D)	(D)	339	308	216
Transportation and public utilities	46,077	45,786	42,140	44,127	46,231	50,051
Railroad transportation	705	764	868	826	731	395
Trucking and warehousing	14,781	14,245	14,132	17,765	16,898	18,233
Water transportation	(L)	(D)	(D)	(D)	(D)	(D)
Other transportation[8]	(D)	(D)	(D)	(D)	(D)	(D)
Communication	(D)	(D)	(D)	(D)	(D)	(D)
Electric, gas, and sanitary services	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade	25,498	26,173	23,554	23,656	28,091	28,903
Retail trade	71,562	72,201	74,727	81,099	85,480	88,018
Finance, insurance, and real estate	21,852	21,875	23,333	24,041	26,344	29,371
Banking and credit agencies	10,195	11,138	11,366	11,185	11,612	13,004
Other finance, insurance, and real estate[9]	11,657	10,737	11,967	12,856	14,732	16,367
Services	96,244	103,743	106,160	118,695	134,493	144,094
Hotels and other lodging places	(D)	(D)	(D)	(D)	(D)	(D)
Personal services	4,887	5,433	6,291	6,988	8,570	7,920
Private households	1,516	1,650	1,746	1,969	2,013	2,108
Business services	8,280	10,335	10,545	12,747	16,626	19,459
Auto repair, services, and garages	7,774	7,053	7,151	8,108	8,748	10,321
Miscellaneous repair services	3,359	3,196	4,199	5,524	4,035	4,533
Amusement and recreation services	2,708	3,177	2,441	2,360	2,508	2,899
Motion pictures	(D)	(D)	(D)	(D)	(D)	(D)
Health services	41,359	46,773	47,165	50,792	59,891	61,507
Legal services	4,335	4,506	4,981	6,259	7,107	8,372
Educational services	1,164	(D)	(D)	1,592	1,715	1,855
Social services	1,674	1,777	1,924	2,899	2,649	3,151
Museums, botanical, zoological gardens	(L)	(D)	(D)	(D)	(D)	(D)
Membership organizations	6,072	6,797	7,122	7,366	7,637	8,157
Miscellaneous services	11,258	9,837	9,118	9,927	11,096	11,790
Government and government enterprises	187,976	204,299	217,819	230,636	234,610	249,098
Federal, civilian	23,951	24,946	28,559	30,774	31,921	32,041
Military	64,460	72,617	78,407	83,144	86,472	89,650
State and local	99,565	106,736	110,853	116,718	116,217	127,407

See footnotes at end of tables.

FOOTNOTES

(L) Less than $50,000.

(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 1981–86 reflect revisions available as of March 1988.

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 consists of adjustments 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 Carribean 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 located 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, but in these estimates Valencia includes Cibola through the end of 1981.

12. Estimates reflect Alaska Census Areas as defined in the 1980 decennial census.

13. La Paz County, AZ, was separated from Yuma County on January 1, 1983.

APPENDIX A

METROPOLITAN AREA CLASSIFICATION AND DEFINITIONS

Effective June 1983, three basic types of metropolitan areas are recognized by the Office of Management and Budget (OMB) for Federal statistical purposes. Most of the areas are classified simply as metropolitan statistical areas (MSA's). However, if an area has more than 1 million residents and meets other criteria, it is termed a consolidated metropolitan statistical area (CMSA) consisting of two or more primary metropolitan statistical areas (PMSA's).

These areas are defined in terms of counties in all regions except New England, where cities and towns are the primary units. In this region, OMB recognizes alternative county-based definitions, termed New England county metropolitan areas (NECMA's). Because there are insufficient data to estimate personal income for New England cities and towns, the NECMA definitions are used in this publication. The Bridgeport-Stamford-Norwalk-Danbury, CT NECMA (Fairfield County) can be considered as a PMSA and a component of the New York-Northern New Jersey-Long Island, NY-NJ-CT CMSA.

This publication presents data for 334 metropolitan areas: 247 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 1987 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 63.3 percent of total personal income in the nation in 1981, whereas metropolitan areas as currently defined accounted for 80.9 percent of total personal income in 1981.

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, 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

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]

APPENDIX B

SAMPLE TABLES FROM THE REGIONAL ECONOMIC INFORMATION SYSTEM

TABLE	TIME SERIES	FREQUENCY	TIME LAG	MEDIA				PAGE
				PAPER	TAPE	FICHE	DISKETTE	
QUARTERLY SERIES ***(Available for United States, Regions, and States)***								
Quarterly Personal Income (Table SQ1)	1969-88:I	Quarterly	4 months	P				222
Quarterly Personal Income by Major Source and Earnings by Industry (SQ5)	1969-88:I	Quarterly	4 months	P	T		D	223
Quarterly Wages and Salaries by Major Source and Major Industry (SQ7)	1969-88:I	Quarterly	4 months	P	T		D	224
ANNUAL SERIES ***(Available for States)***								
State Summary Tables (SA1-3) Personal Income Population Per Capita Personal Income	1969-87	Annually	8 months	P	T			225-228
Personal Income by Major Source and Earnings by Industry (SA5)	1969-87	Annually	8 months	P	T	F	D	229-230
Wage and Salary Disbursements by Industry (SA7)	1969-87	Annually	8 months	P	T	F	D	231-232
Full-time and Part-time Employees by Industry (SA25)	1969-87	Annually	8 months	P	T	F	D	233-234
Full-time and Part-time Wage and Salary Employees by Industry (SA27)	1969-87	Annually	8 months	P	T	F	D	235-236
Transfer Payments (SA35)	1969-87	Annually	8 months	P	T	F	D	237
Farm Income and Expenses (SA45)	1969-87	Annually	9 months	P	T	F	D	238
Personal Tax and Nontax Payments (SA50)	1969-87	Annually	8 months	P	T	F	D	239
Disposable Personal Income (SA51-53)	1969-87	Annually	8 months	P				240-241
COUNTY SERIES ***(Available for Counties and Metropolitan Areas)***								
Summary Tables (CA1-3) Personal Income Population Per Capita Personal Income	1969-86	Annually	16 months	P	T		D	242-243
Per Capita Personal Income Rankings (CA4)	1986	Annually	16 months	P				244-245
Personal Income by Major Source and Earnings by Industry (CA5.2)	1969-86	Annually	16 months	P	T	F		246-247
Personal Income by Major Source and Earnings by Major Industry (CA5.1)	1969-86	Annually	16 months	P	T		D	248
Full-time and Part-time Employees by Industry (CA25)	1969-86	Annually	16 months	P	T	F	D	249
Regional Economic Profile (CA30)	1969-86	Annually	16 months	P	T	F	D	250
Wage and Salary Summary Tables (CA34) Total Wages and Salaries Wage and Salary Employment Average Wage per Job	1969-86	Annually	12 months	P	T		D	250-251
BEARFACTS (BEA Regional FACT Sheet)	1976-86 1985-86	Annually	16 months	P				252
Transfer Payments (CA35)	1969-86	Annually	16 months	P	T	F	D	253
Farm Income and Expenses (CA45)	1969-86	Annually	16 months	P	T	F	D	254
Census Journey to Work	1960,70,80	Decennial Census		P	T			254

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 MEXICC	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

(THOUSANDS OF DOLLARS)

(25-000) MASSACHUSETTS

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

(THOUSANDS OF DOLLARS)

(04-000) ARIZONA

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.

z/ COMPUTED USING REVISED BUREAU OF THE CENSUS STATE POPULATION ESTIMATES.

PERSONAL INCOME
For Counties and Metropolitan Areas

(MILLIONS OF DOLLARS)

	1981	1982	1983	1984	1985	1986
DELAWARE	6,732.9	7,198.1	7,713.9	8,390.6	9,053.2	9,788.1
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	66,961.7	71,770.9	76,468.7	82,355.8	88,902.7	94,918.9
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	6,278.7	6,668.9	7,151.9	7,759.9	8,393.3	9,017.1
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	5,029.1	5,337.7	5,685.4	6,160.8	6,661.7	7,178.2
DELAWARE (NON-METROPOLITAN PORTION)	1,703.8	1,860.4	2,028.6	2,229.8	2,391.5	2,609.9
KENT	836.0	900.2	963.7	1,047.2	1,121.2	1,209.7
NEW CASTLE	5,029.1	5,337.7	5,685.4	6,160.8	6,661.7	7,178.2
SUSSEX	867.8	960.2	1,064.9	1,182.6	1,270.3	1,400.3

PER CAPITA PERSONAL INCOME
For Counties and Metropolitan Areas

(DOLLARS)

	1981	1982	1983	1984	1985	1986
DELAWARE	11,286	12,003	12,722	13,666	14,553	15,469
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	11,747	12,557	13,341	14,302	15,364	16,274
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	11,952	12,596	13,391	14,415	15,445	16,373
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	12,591	13,298	14,042	15,100	16,154	17,180
DELAWARE (NON-METROPOLITAN PORTION)	8,643	9,381	10,069	10,824	11,404	12,144
KENT	8,505	9,102	9,614	10,294	10,881	11,500
NEW CASTLE	12,591	13,298	14,042	15,100	16,154	17,180
SUSSEX	8,780	9,658	10,519	11,341	11,910	12,761

2/ PER CAPITA PERSONAL INCOME WAS COMPUTED USING BUREAU OF THE CENSUS COUNTY POPULATION ESTIMATES AVAILABLE AS OF MARCH 1988.

PER CAPITA PERSONAL INCOME (PERCENT OF NATIONAL AVERAGE)
For Counties and Metropolitan Areas

(PER CENT OF NATIONAL AVERAGE)

	1981	1982	1983	1984	1985	1986
DELAWARE	103	105	105	104	105	106
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	107	109	110	109	110	111
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	109	110	111	110	111	112
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	115	116	116	115	116	117
DELAWARE (NON-METROPOLITAN PORTION)	79	82	83	83	82	83
KENT	78	79	79	78	78	79
NEW CASTLE	115	116	116	115	116	117
SUSSEX	80	84	87	86	86	87

TOTAL POPULATION
For Counties and Metropolitan Areas

(THOUSANDS)

	1981	1982	1983	1984	1985	1986
DELAWARE	596.6	599.7	606.4	614.0	622.1	632.8
CONSOLIDATED METROPOLITAN AREAS:						
PHILADELPHIA-WILMINGTON-TRENTON, PA-NJ-DE-MD	5,700.1	5,715.7	5,731.7	5,758.3	5,786.5	5,832.6
METROPOLITAN AREAS:						
WILMINGTON, DE-NJ-MD	525.3	529.4	534.1	538.3	543.4	550.7
COUNTIES:						
DELAWARE (METROPOLITAN PORTION)	399.4	401.4	404.9	408.0	412.4	417.8
DELAWARE (NON-METROPOLITAN PORTION)	197.1	198.3	201.5	206.0	209.7	214.9
KENT	98.3	98.9	100.2	101.7	103.0	105.2
NEW CASTLE	399.4	401.4	404.9	408.0	412.4	417.8
SUSSEX	98.8	99.4	101.2	104.3	106.7	109.7

1/ MIDYEAR POPULATION ESTIMATES OF THE BUREAU OF THE CENSUS. ESTIMATES FOR 1980-86 REFLECT REVISIONS AVAILABLE AS OF MARCH 1988.

PER CAPITA PERSONAL INCOME RANKINGS
For Counties

100 HIGHEST AND LOWEST PER CAPITA INCOMES OF THE 178 COUNTIES IN THE MIDEAST REGION, 1986

RANK	COUNTY	100 HIGHEST PER CAPITA INCOMES		RANK	COUNTY	100 LOWEST PER CAPITA INCOMES	
		DOLLARS	PERCENT OF NATIONAL AVERAGE			DOLLARS	PERCENT OF NATIONAL AVERAGE
1	*NEW YORK, NEW YORK	28,505	194.7	178	HUNTINGDON, PENNSYLVANIA	9,672	66.1
2	*SOMERSET, NEW JERSEY	25,196	172.1	177	FULTON, PENNSYLVANIA	9,685	66.2
3	*WESTCHESTER, NEW YORK	25,167	171.9	176	ALLEGANY, NEW YORK	9,718	66.4
4	*BERGEN, NEW JERSEY	24,136	164.9	175	POTTER, PENNSYLVANIA	9,858	67.3
5	*MONTGOMERY, MARYLAND	24,003	164.0	174	TIOGA, PENNSYLVANIA	9,928	67.8
6	*MORRIS, NEW JERSEY	23,769	162.4	173	LEWIS, NEW YORK	9,969	68.1
7	*NASSAU, NEW YORK	23,133	158.0	172	ST. LAWRENCE, NEW YORK	10,015	68.4
8	*HUNTERDON, NEW JERSEY	23,101	157.8	171	BEDFORD, PENNSYLVANIA	10,118	69.1
9	*HOWARD, MARYLAND	22,133	151.2	170	GARRETT, MARYLAND	10,148	69.3
10	*MONTGOMERY, PENNSYLVANIA	21,174	144.6	169	SULLIVAN, PENNSYLVANIA	10,228	69.9
11	*UNION, NEW JERSEY	20,551	140.4	168	CLINTON, PENNSYLVANIA	10,230	69.9
12	*MONMOUTH, NEW JERSEY	20,175	137.8	167	MIFFLIN, PENNSYLVANIA	10,321	70.5
13	*ROCKLAND, NEW YORK	19,949	136.3	166	FOREST, PENNSYLVANIA	10,341	70.6
14	*MIDDLESEX, NEW JERSEY	19,476	133.0	165	CAMERON, PENNSYLVANIA	10,377	70.9
15	*MERCER, NEW JERSEY	19,309	131.9	164	*FAYETTE, PENNSYLVANIA	10,414	71.1
16	*PUTNAM, NEW YORK	19,250	131.5	163	FRANKLIN, NEW YORK	10,422	71.2
17	TALBOT, MARYLAND	19,240	131.4	162	GREENE, PENNSYLVANIA	10,495	71.7
18	*ATLANTIC, NEW JERSEY	19,229	131.4	161	*WASHINGTON, NEW YORK	10,547	72.0
19	*DISTRICT OF COLUMBIA	19,049	130.1	160	DELAWARE, NEW YORK	10,587	72.3
20	*CHESTER, PENNSYLVANIA	18,424	125.9	159	CATTARAUGUS, NEW YORK	10,640	72.7
21	*BALTIMORE, MARYLAND	18,005	123.0	158	SCHUYLER, NEW YORK	10,751	73.4
22	*SUSSEX, NEW JERSEY	17,907	122.3	157	CORTLAND, NEW YORK	10,799	73.8
23	*SUFFOLK, NEW YORK	17,873	122.1	156	*SOMERSET, PENNSYLVANIA	10,802	73.8
24	*DELAWARE, PENNSYLVANIA	17,701	120.9	155	SOMERSET, MARYLAND	10,896	74.4
25	*RICHMOND, NEW YORK	17,622	120.4	154	INDIANA, PENNSYLVANIA	10,969	74.9
25	*ANNE ARUNDEL, MARYLAND	17,622	120.4	153	SUSQUEHANNA, PENNSYLVANIA	10,992	75.1
27	*ESSEX, NEW JERSEY	17,372	118.7	152	BRADFORD, PENNSYLVANIA	10,997	75.1
28	*MONROE, NEW YORK	17,330	118.4	152	NORTHUMBERLAND, PENNSYLVANIA	10,997	75.1
29	*NEW CASTLE, DELAWARE	17,180	117.4	150	WYOMING, NEW YORK	11,018	75.3
30	*DUTCHESS, NEW YORK	17,104	116.8	149	*CAMBRIA, PENNSYLVANIA	11,052	75.5
31	*CAPE MAY, NEW JERSEY	17,073	116.6	148	YATES, NEW YORK	11,059	75.5
32	*BURLINGTON, NEW JERSEY	17,021	116.3	147	SCHOHARIE, NEW YORK	11,064	75.6
33	*WARREN, NEW JERSEY	16,958	115.8	146	CRAWFORD, PENNSYLVANIA	11,066	75.6
34	*ALBANY, NEW YORK	16,776	114.6	145	CLARION, PENNSYLVANIA	11,105	75.9
35	*PASSAIC, NEW JERSEY	16,762	114.5	144	CLINTON, NEW YORK	11,115	75.9
36	*OCEAN, NEW JERSEY	16,755	114.5	143	LAWRENCE, PENNSYLVANIA	11,119	76.0
37	*BUCKS, PENNSYLVANIA	16,510	112.8	142	CLEARFIELD, PENNSYLVANIA	11,120	76.0
38	*QUEENS, NEW YORK	16,489	112.6	141	*HERKIMER, NEW YORK	11,290	77.1
39	*CARROLL, MARYLAND	16,426	112.2	140	*COLUMBIA, PENNSYLVANIA	11,386	77.8
40	*HARFORD, MARYLAND	16,123	110.1	139	*BLAIR, PENNSYLVANIA	11,429	78.1
41	*SCHENECTADY, NEW YORK	15,921	108.8	138	*BEAVER, PENNSYLVANIA	11,443	78.2
42	*ALLEGHENY, PENNSYLVANIA	15,848	108.3	137	CAYUGA, NEW YORK	11,465	78.3
43	*BERKS, PENNSYLVANIA	15,689	107.2	136	JUNIATA, PENNSYLVANIA	11,467	78.3
44	*LEHIGH, PENNSYLVANIA	15,685	107.1	135	KENT, DELAWARE	11,500	78.6
45	*CAMDEN, NEW JERSEY	15,606	106.6	134	JEFFERSON, PENNSYLVANIA	11,534	78.8
46	*QUEEN ANNES, MARYLAND	15,539	106.1	133	UNION, PENNSYLVANIA	11,605	79.3
47	*PRINCE GEORGES, MARYLAND	15,530	106.1	132	*PERRY, PENNSYLVANIA	11,623	79.4
48	*ORANGE, NEW YORK	15,186	103.7	131	*MERCER, PENNSYLVANIA	11,680	79.8
49	*YORK, PENNSYLVANIA	15,156	103.5	130	ESSEX, NEW YORK	11,720	80.1
50	*CALVERT, MARYLAND	15,142	103.4	129	TOMPKINS, NEW YORK	11,755	80.3

PER CAPITA PERSONAL INCOME RANKINGS
For Counties—Continued

250 HIGHEST AND LOWEST PER CAPITA INCOMES OF THE 3105 COUNTIES IN THE UNITED STATES, 1986
[COUNTIES WITH TOTAL PERSONAL INCOMES OF 50 MILLION DOLLARS OR MORE]

250 HIGHEST PER CAPITA INCOMES			250 LOWEST PER CAPITA INCOMES		
RANK	COUNTY	DOLLARS	PERCENT OF NATIONAL AVERAGE	COUNTY	DOLLARS	PERCENT OF NATIONAL AVERAGE
1	*MARIN, CALIFORNIA	29,055	198.5	STARR, TEXAS	4,136	28.3
2	*NEW YORK, NEW YORK	28,505	194.7	MAVERICK, TEXAS	5,063	34.6
3	*ALEXANDRIA CITY, VIRGINIA	26,030	177.8	MCCREARY, KENTUCKY	5,303	36.2
4	PITKIN, COLORADO	25,973	177.4	ZAVALA, TEXAS	5,791	39.6
5	*ARLINGTON, VIRGINIA	25,926	177.1	DIMMIT, TEXAS	5,806	39.7
6	*SOMERSET, NEW JERSEY	25,196	172.1	JACKSON, KENTUCKY	5,997	41.0
7	*WESTCHESTER, NEW YORK	25,167	171.9	CLAY, WEST VIRGINIA	6,160	42.1
8	*FAIRFIELD, CONNECTICUT	24,501	167.4	APACHE, ARIZONA	6,169	42.1
9	PERKINS, NEBRASKA	24,141	164.9	EDMONSON, KENTUCKY	6,188	42.3
10	*BERGEN, NEW JERSEY	24,136	164.9	LEE, ARKANSAS	6,287	42.9
11	*MONTGOMERY, MARYLAND	24,003	164.0	MADISON, LOUISIANA	6,305	43.1
12	*MORRIS, NEW JERSEY	23,769	162.4	JEFFERSON, MISSISSIPPI	6,344	43.3
13	SHERMAN, TEXAS	23,733	162.1	WILLACY, TEXAS	6,379	43.6
14	*SAN MATEO, CALIFORNIA	23,296	159.1	PERRY, ALABAMA	6,458	44.1
15	*FAIRFAX, F'FX CITY + FALLS CH, VIR	23,136	158.0	LESLIE, KENTUCKY	6,480	44.3
16	*NASSAU, NEW YORK	23,133	158.0	HOLMES, MISSISSIPPI	6,611	45.2
17	*HUNTERDON, NEW JERSEY	23,101	157.8	CLINTON, KENTUCKY	6,618	45.2
18	JUNEAU BOROUGH, ALASKA	22,453	153.4	SHANNON, MISSOURI	6,658	45.5
19	NANTUCKET, MASSACHUSETTS	22,297	152.3	LEE, KENTUCKY	6,663	45.5
20	*HOWARD, MARYLAND	22,133	151.2	FRANKLIN, LOUISIANA	6,697	45.7
21	*SAN FRANCISCO, CALIFORNIA	22,084	150.9	ZAPATA, TEXAS	6,761	46.2
22	*OAKLAND, MICHIGAN	21,611	147.6	NOXUBEE, MISSISSIPPI	6,769	46.2
23	NORTH SLOPE BOROUGH, ALASKA	21,590	147.5	FENTRESS, TENNESSEE	6,784	46.3
24	CHEYENNE, COLORADO	21,408	146.2	GREENE, MISSISSIPPI	6,790	46.4
25	*NORFOLK, MASSACHUSETTS	21,175	144.6	*HIDALGO, TEXAS	6,800	46.5
26	*MONTGOMERY, PENNSYLVANIA	21,174	144.6	CASEY, KENTUCKY	6,826	46.6
27	*SANTA CLARA, CALIFORNIA	20,935	143.0	WAYNE, KENTUCKY	6,834	46.7
28	CIMARRON, OKLAHOMA	20,717	141.5	*WEBB, TEXAS	6,850	46.8
29	*LOS ALAMOS, NEW MEXICO	20,566	140.5	TUNICA, MISSISSIPPI	6,874	47.0
30	*UNION, NEW JERSEY	20,551	140.4	LEWIS, TENNESSEE	6,893	47.1
31	*ANCHORAGE BOROUGH, ALASKA	20,550	140.4	WEST CARROLL, LOUISIANA	6,914	47.2
32	*LOUDOUN, VIRGINIA	20,460	139.8	LEE, SOUTH CAROLINA	6,950	47.5
33	STEVENS, KANSAS	20,440	139.6	MCKINLEY, NEW MEXICO	6,960	47.5
34	*LAKE, ILLINOIS	20,265	138.4	SHARKEY, MISSISSIPPI	6,977	47.7
35	*CONTRA COSTA, CALIFORNIA	20,233	138.2	WALTHALL, MISSISSIPPI	7,000	47.8
36	*MONMOUTH, NEW JERSEY	20,175	137.8	MAGOFFIN, KENTUCKY	7,021	48.0
37	*ORANGE, CALIFORNIA	20,154	137.7	MORGAN, KENTUCKY	7,058	48.2
38	*MIDDLESEX, MASSACHUSETTS	20,110	137.4	CHICOT, ARKANSAS	7,064	48.3
39	*JOHNSON, KANSAS	20,091	137.2	CALHOUN, WEST VIRGINIA	7,081	48.4
40	*DU PAGE, ILLINOIS	20,024	136.8	*GRAINGER, TENNESSEE	7,087	48.4
41	*ROCKLAND, NEW YORK	19,949	136.3	HOKE, NORTH CAROLINA	7,097	48.5
42	*PALM BEACH, FLORIDA	19,938	136.2	MARSHALL, MISSISSIPPI	7,097	48.5
43	HANSFORD, TEXAS	19,934	136.2	ST. HELENA, LOUISIANA	7,106	48.5
44	VALDEZ-CORDOVA CENSUS AREA, ALASKA	19,805	135.3	CONEJOS, COLORADO	7,115	48.6
45	DECATUR, KANSAS	19,640	134.2	CARROLL, MISSISSIPPI	7,126	48.7
46	KETCHIKAN GATEWAY BOROUGH, ALASKA	19,626	134.1	SAN JUAN, UTAH	7,134	48.7
47	*MIDDLESEX, NEW JERSEY	19,476	133.0	KNOTT, KENTUCKY	7,170	49.0
48	LITCHFIELD, CONNECTICUT	19,457	132.9	ATOKA, OKLAHOMA	7,190	49.1
49	DOUGLAS, NEVADA	19,397	132.5	*CAMERON, TEXAS	7,205	49.2
50	*MERCER, NEW JERSEY	19,309	131.9	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)	26,265	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.

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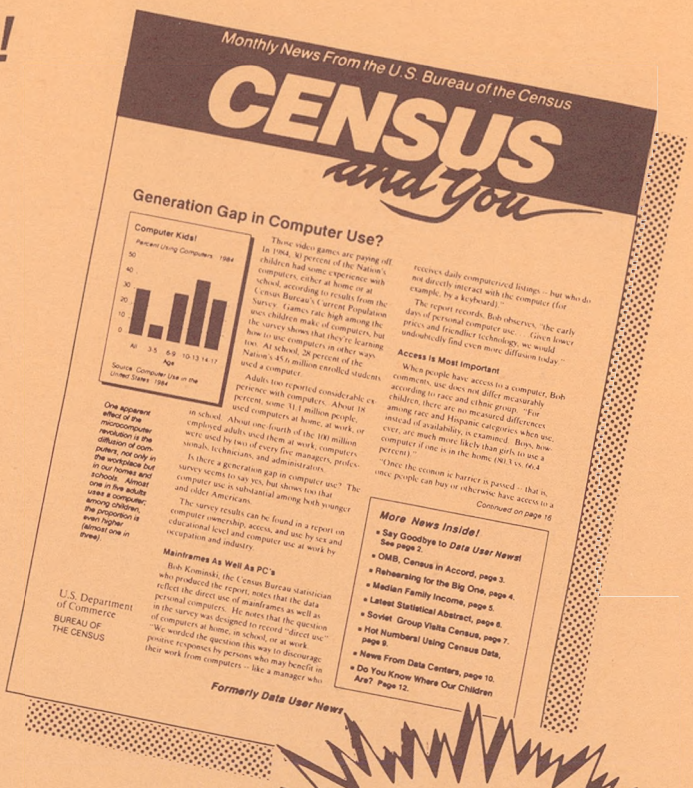
Monthly News From the U.S. Bureau of the Census

CENSUS and You

Generation Gap in Computer Use?

Computer Kids!

Percent Using Computers: 1984

Source: Computer Use in the United States: 1984

Those video games are paying off. In 1984, 30 percent of the Nation's children had some experience with computers, either at home or at school, according to results from the Census Bureau's Current Population Survey. Games rate high among the uses children make of computers, but the survey shows that they're learning how to use computers in other ways, too. At school, 28 percent of the Nation's 45.6 million enrolled students used a computer.

Adults, too reported considerable experience with computers. About 30 percent, some 31.1 million people, used computers at home, at work, or in school. About one-fourth of the 100 million employed adults used them at work; computers were used by two of every five managers, professionals, technicians, and administrators.

Is there a generation gap in computer use? The survey seems to say yes, but shows too that computer use is substantial among both younger and older Americans.

The survey results can be found in a report on computer ownership, access, and use by sex and educational level and computer use at work by occupation and industry.

Mainframes As Well As PC's

Bob Kominski, the Census Bureau statistician who produced the report, notes that the data reflect the direct use of mainframes as well as personal computers. He notes that the question in the survey was designed to record "direct use" of computers at home, in school, or at work. "We worded the question this way to discourage positive responses by persons who may benefit in their work from computers – like a manager who receives daily computerized listings – but who do not directly interact with the computer (for example, by a keyboard)."

The report records, Bob observes, "the early days of personal computer use. Given lower prices and friendlier technology, we would undoubtedly find even more diffusion today."

Access is Most Important

When people have access to a computer, Bob comments, use does not differ measurably according to race and ethnic group. "For children, there are no measured differences among race and Hispanic categories when use, instead of availability, is examined. Boys, however, are much more likely than girls to use a computer if one is in the home (80.3 vs. 66.4 percent)."

"Once the common barrier is passed – that is, once people can buy or otherwise have access to a

Continued on page 16

One apparent effect of the microcomputer revolution is the diffusion of computers not only in the workplace but in our homes and schools. Almost one in five adults uses a computer; among children, the proportion is even higher (almost one in three).

U.S. Department of Commerce
BUREAU OF THE CENSUS

Formerly Data User News

More News Inside!

- Say Goodbye to *Data User News!* See page 2.
- OMB, Census in Accord, page 3.
- Rehearsing for the Big One, page 4.
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- Soviet Group Visits Census, page 7.
- Hot Numbers! Using Census Data, page 9.
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