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LOCAL AREA PERSONAL INCOME

VOLUME 2 • NEW ENGLAND REGION

1979-84

SPECIAL
COLLECTIONS



U.S. DEPARTMENT OF COMMERCE • Bureau of Economic Analysis



LOCAL AREA PERSONAL INCOME 1979-84

VOLUME 2 • NEW ENGLAND REGION

In • Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont

By • Major Source

For • Counties and Metropolitan Areas

August 1986



U.S. DEPARTMENT OF COMMERCE

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COMPREHENSIVE REVISION SCHEDULE

A comprehensive revision of the regional estimates of personal income that will incorporate the results of the 1985 comprehensive revision of the national estimates as well as newly available and more current regional source data is in preparation. All estimates will be revised back to 1969. The revised estimates of State personal income will appear in the August 1986 *Survey of Current Business*. Revised estimates for metropolitan areas and counties for 1969-84, as well as the 1985 and 1986 estimates, will appear in the April 1988 *Survey*. The estimates for 1980-85 that would customarily be published in June 1987 in *Local Area Personal Income* will be presented in a June 1988 publication, which will include estimates for 1986.

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FOREWORD

The estimates in the *Local Area Personal Income* volumes constitute one of the most extensive bodies of annual economic information that is available for the Nation's counties and metropolitan areas. They are as current and comprehensive as the source data permit. The estimates and the accompanying statement of the sources and methods, including definitions, make these volumes a basic reference tool for those interested in regional economics.

Because the estimation methods and data sources for the components of personal income are generally the same for all counties and metropolitan areas, the estimates are comparable for geographic areas. They are also conceptually and statistically consistent with the State and national estimates. The personal income estimates presented in these volumes cover the most recent year (1984) and the preceding 5 years. This annual publication of the Bureau of Economic Analysis makes these estimates available on a regular basis in a convenient and low-cost form.

Daniel H. Garnick
Associate Director for Regional Economics

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, Acting 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, James M. Scott, and C. Brian Grove. Contributing staff members include E. Frances Bake, Elizabeth P. Cologer, Eddie L. Key, Lela M. Lester, Russell C. Lusher, Richard A. Lutyk, Lisa C. Ninomiya, Mark M. Paul, Michael G. Pilot, Toui Chen Pomsouvan, William E. Reid, Jr., John A. Rusinko, Victor Sahadachny, Adrienne G. Tejler, John S. Turner, and Jaime Zenzano.

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

Estimates of dividends, interest, rent, and proprietors' income were prepared by the Proprietors' Income Branch under the supervision of Arthur L. Sensenig, Chief. Major responsibilities were assigned to Charles A. Jolley and James M. Zavrel. Contributing staff members include Linda M. Ball, Elaine Briccetti, Richard H. Grayson, Nita Robyn Hamill, and Richard Hepburn.

The assembly of public-use tabulations and data files, and preparation of this publication were performed by the Regional Economic Information System (REIS) Branch. Major responsibilities were assigned to Kathy A. Albetski, Wallace K. Bailey, and Gary V. Kennedy. Secretarial support was provided by Eairla A. Palmer. Contributing staff members include Eunice P. James, Louise T. Johnson, Michael J. Paris, Elizabeth A. Redding, and Mary C. Williams.

While the county income measures contained in this publication resulted from the effort, experience, and cooperation of BEA personnel, their ultimate 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 Statistical Reporting Service of the U.S. Department of Agriculture, the Internal Revenue Service, the Office of Research Statistics of the Social Security Administration, the Veterans Administration, and the Association of American Railroads.

INTRODUCTION

This volume is part of a nine-volume set published annually by the Regional Economic Measurement Division of the Bureau of Economic Analysis (BEA). The set presents, for local areas, BEA's estimates of total and per capita personal income for 1979-84, 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*, which annually publishes 3 years of estimates of total and per capita personal income for local areas. The estimates are as complete and comprehensive as the source data permit. They reflect the revisions of personal income made in the 1980 comprehensive revision of the national income and product accounts (NIPA's) and extended to the State personal income series in July 1981. The estimates also reflect revisions made possible by the availability of new or more current data at the State and county levels. The tables 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 1979 to 1984 for the same areas. These volumes also present a detailed description of the sources and methods used in making the 1979-84 estimates. A similar description for the 1969-78 estimates is contained in the 1978-83 edition of this publication. These statements of methodology are 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. In addition, it contains the methodology statement; tables that show the distribution and changes in total personal income for regions; and appendixes that 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).

Each of volumes 2-9 presents estimates of one of the eight BEA regions: New England, Mideast, Great Lakes, Plains, Southeast, Southwest, Rocky Mountain, and Far West. A single regional volume includes estimates for the United States, the region, the States, metropolitan statistical areas (MSA's), primary metropolitan statistical areas (PMSA's), and counties of the region, and the methodology statement. Estimates for consolidated metropolitan statistical areas (CMSA's) appear only in volume 1.

The estimates contained in these volumes are prepared independently for States and counties only; estimates for all other geographic areas below the State level are made by aggregating the 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 for analytic purposes. 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 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. These are part of BEA's ongoing efforts to ensure that the estimates provide the best possible quantitative view of economic developments in each State and local area as measured by personal income and its components. To provide the reader with a perspective on the estimates presented in these volumes, a brief history of the State and local area personal income estimates is presented in this Introduction. The Introduction also 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 regional data user group.

Historical development

BEA's work on regional income estimation began in the midthirties with the construction of a series of "State income payments" to individuals. State income payments were defined as the sum of wages and salaries, other labor income and relief, entrepreneurial withdrawals, and dividends, interest, and net rents and royalties. The last three items, in the aggregate, were referred to as "property income.") They were produced as part of a broad effort to explain the processes and structure of the Nation's economy in the thirties. During the forties and early fifties, extensive work in locating data sources and revising methodology resulted in the production of the 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 categories 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 sixties, 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 sub-State estimates in the midfifties, 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 midsixties and resulted in a historical series of personal income for selected years 1929-62 for the metropolitan areas and for the nonmetropolitan counties. Estimates for counties within metropolitan areas were developed in the early seventies and published for the first time in the April 1975 *SURVEY*. BEA now prepares annual estimates of personal income and related (unpublished) estimates of employment for each of the metropolitan areas and all of the more than 3,100 counties and county equivalents in the United States.

Uses of county and metropolitan area estimates

In general, the county and metropolitan area estimates are widely used in the public and private sectors to measure and track levels and types of incomes received by persons living or working in a county or metropolitan area. They provide a framework for the analysis of each local area's economy and serve as the basis for decisionmaking 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. It is widely used in preparing environmental impact statements and resource managements 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. They 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 local 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 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 primarily 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 released. 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 go through a further refinement 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 only) to incorporate additional data as they become available. At that point, the estimates will only be changed to incorporate a comprehensive revision in the NIPA's or the availability of additional or more current State and local area data. The estimates presented in this edition reflect routine revisions back through 1982.

Comprehensive revisions to the NIPA's occur approximately every 5 years. The comprehensive revisions described in the December 1985 *SURVEY* will be extended to the States with the next annual cycle of estimates and to the counties within the next several years. The previous comprehensive revisions were presented and described at the national level in the December 1980 *SURVEY*, at the State level in the July 1981 *SURVEY*, and at the local level in the 1975-80 edition of *Local Area Personal Income*.

Data availability

The personal income tables contained in the nine-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 30 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. All of the tabulations are available in magnetic tape, microfiche, and computer printout form. The REIS data base currently includes the following data sets:

Quarterly State personal income.—BEA publishes quarterly State personal income, seasonally adjusted at annual rates, approximately 4 months after the close of the reference quarter, in the January, April, July, and October issues of the *SURVEY*. The quarterly State personal income estimates provide a series for the analysis and tracking of current economic developments in the 50 States and the District of Columbia. The State quarterly personal income series extends from the first quarter of 1948 forward. Tabulations at the 1-digit Standard Industrial Classification (SIC) level are available from REIS.

Annual State personal income.—Annual estimates for States are published twice each year. Preliminary estimates of total and per capita personal income, derived from the quarterly estimates, are published in the April issue of the *SURVEY* (4 months after the close of the subject year). A revised set of estimates, which is based on more complete data and is therefore more reli-

able, is presented in greater detail in the August issue of the *SURVEY*. A more detailed presentation, including transfer payments by type of program, is available from REIS.

Tabulations for 1929-57 at the 1-digit SIC level and for 1958-82 at the 2-digit SIC level are available in the 1984 issue of *State Personal Income*¹. Also included in *State Personal Income* are quarterly State personal income for 1948-82, annual State disposable personal income for 1948-82, a history of the development of the State estimates, and a detailed description of the sources and methods used to prepare these estimates for the most current years.

Annual State disposable personal income.—Annual estimates of total and per capita disposable personal income for States are released as a companion series to the revised annual State estimates of personal income and are published in the April and August issues of the *SURVEY*. The State disposable personal income series is available for 1948 and subsequent years.

Annual county personal income.—These estimates, which are published in this volume, become available from REIS approximately 16 months after the close of the subject year. Summary statistics are published in the April issue of the *SURVEY*. Estimates are available annually for 1965-84 and for selected years back to 1929.

Transfer payments.—The component estimates of transfer payments by county are unpublished. However, tabulations of transfer payments by type of program are available from REIS for the years corresponding to the county personal income series.

Farm income and expenditures.—These estimates of the gross receipts and expenditures of farms, which underlie the net farm income estimates in the State and county personal income series, are unpublished. However, tabulations for the years 1969-84 are available from REIS.

Full- and part-time employment for States and counties.—These unpublished estimates are a companion series to the annual personal income estimates. They are constructed from similar sources using analogous concepts and definitions. Tabulations are available from REIS for 1969-84.

BEA user group

In addition to responding to specific data requests, REIS distributes estimates through a group of State universities and State agencies officially designated as BEA users. By congressional directive, BEA provides the personal income and related series to State universities and State agencies on a no-cost basis. Each of the 177 users receives a full set of standard tabulations for the relevant State, its counties, and its metropolitan areas on the condition that the organization will in turn distribute the data within its State. This congressional directive encourages utilization by State universities and State agencies of data that are comparable for all States and counties and consistent with national totals. This enhances the uniformity of analytic approaches taken in economic development plans and programs and improves the ability of the recipient agencies to assess sub-State economic developments and to service their local clientele.

¹ *State Personal Income: Estimates for 1929-82 and a Statement of Sources and Methods* (stock no. 003-010-00125-9) is available from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402, at a price of \$9.50. The 1978-82 estimates in that publication have been superseded.

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 that 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 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 defined 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, private noninsured welfare funds, and private trust funds. The last three are referred to as "quasi-individuals."

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 income 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. The national personal income estimates include Federal civilian and military personnel stationed abroad and residents who are employed by U.S. firms and are on temporary foreign assignment. An "overseas" adjustment is made to exclude the income of these workers from the U.S. totals before the totals are used as controls for the State estimates.

A classification difference between the national and the State and local area estimates relates to residents of the United States who work in adjacent countries (such as Canada) and foreigners who work in the United States but reside elsewhere—that is, border workers. 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 wages and salaries of U.S. residents employed by international organizations and by foreign embassies and consulates located in the United States are included in personal income. In the State and local area estimates, the border workers are treated as commuters and are included in the residence adjustment procedure. Another classification difference between the national and State 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.

Sources of data and methods of estimation.—Generally, there are two kinds of information used to measure income of persons: Information generated at the point of disbursement of the income and information elicited from the recipient. The first kind is called administrative record data and is a byproduct of the administration of various Federal and State government programs. The second kind is survey and census data. The surveys or censuses are not conducted by BEA; instead BEA uses information collected by others to make its estimates of State and local area personal income.

Among the more important sources of the administrative record data used by BEA are 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), Department of Health and Human Services; and the Federal tax program of the Internal Revenue Service (IRS), Department of the Treasury. The two most important censuses used are the censuses of agriculture and population. The information obtained from administrative records and censuses accounts for more than 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. 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 offers several advantages and disadvantages. It allows the estimates of local area personal income to be prepared on an annual basis, in considerable detail, at relatively low cost, 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 geography. 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. Because of the large sample size required to obtain statistically reliable data for counties, however, the cost would be very high and would not allow for annual preparation of the estimates in comprehensive detail.

Controls and the allocation procedure.—The estimates of State and local area 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, or "control," for each income item (estimated for the national personal income series) to the States in proportion to each State's share of a related economic series. In a similar manner, the State estimates are allocated to the counties in proportion to each county's share of a related economic series. In some cases, national, State, and county estimates are constructed from the same basic source, as for example, wages and salaries reported under the various State UI programs. 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. An example of this is veterans payments. At the national and State levels, direct information is available on payments to veterans under various government programs, but for many of these programs, such information is not tabulated at the county level. Where the direct data are not available, county veteran population, an indirect allocator, is used to allocate the State total to the counties.

The use of the State estimates as control totals in conjunction with the allocation procedure imparts additional reliability to the county estimates because most components of personal income can be estimated more reliably for States than for smaller geographic areas. It also permits, if necessary, the use of a different allocator in each State to distribute an income item to the counties without impairing the interstate comparability of the estimates.

Place of measurement.—For regional economic measurement, income may be recorded either by place of work (where earned) or by place of residence (where received). Personal income, by definition, is a measure of income received; therefore, estimates of State and local area personal income reflect the State of residence of the income recipients. The bulk of the data basic to preparing 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 business establishment is located. These estimates are subsequently adjusted to a place-of-residence basis for inclusion in the personal income measure. (Wages and salaries and other labor income paid by private households, wages and salaries and other labor income paid to farm workers, military reserve pay, personal contributions for supplementary medical insurance and for veterans life insurance, and all personal contributions for social insurance by the self-employed are initially produced by place of residence and, therefore, do not need to be residence adjusted.) For proprietors' income, the place of business of the proprietorship is assumed to be the same as the place of residence of the proprietor. 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 may be appropriate to make the conversion 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 is not appropriate.

SOURCES AND METHODS FOR THE 1979-84 COUNTY PERSONAL INCOME ESTIMATES

Wage and Salary Disbursements

Wage and salary disbursements are defined as the monetary remuneration of employees, including compensation of corporate officers; commissions, tips, and bonuses; and pay-in-kind that represents income to the recipient. They are measured before such deductions 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.²

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 more than 60 percent of total personal income at the national level) are, except for transfer payments, more complete and reliable than those for any other type of income. Because of their sizable weight in the total income flows, they impart a large measure of reliability to the estimates of aggregate income. For the private sector, the wage and salary component covers employees of all nonfarm business establishments; private households; private hospitals; private educational, social service, and nonprofit institutions; and farms. All government employees, including State, local, and Federal governments (both civilian and military), and U.S. residents who are employed in the United States by international organizations, foreign embassies, and consulates are covered by the measure.

"Covered" private 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 supplied by the State employment security agencies (ESA's).³ Under the UI program, every "covered" firm is required to file quarterly contribution reports with the State ESA having jurisdiction. These quarterly UI reports include the wages and salaries disbursed by each firm 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.⁴

As part of its data acquisition program, BEA obtains from each State ESA 2-, 3-, or 4-digit SIC tabulations of quarterly wages and monthly employment, which, after editing and correcting, form the basis for approximately 96 percent of private nonfarm wage and salary disbursements.

Adjustments to "covered" wages and salaries.—The UI industry data reported by the State ESA's have had 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.

Nonclassified industry adjustment.—The UI 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 a convention to allocate such nonclassified payrolls among the industry groups. This particular adjustment of the reported UI industry data is usually quite small—about two-tenths of 1 percent on a national basis.⁵ Furthermore, no error is introduced into the State and county wage estimates because the adjustment involves only an apportionment by industry of amounts reported for particular States and counties.

Adjustment for noncovered elements of UI-covered industries.—The noncovered elements 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; and payrolls of electric railroads, railroad carrier affiliates, elementary and secondary schools with religious affiliation, and religious membership organizations. Tips are 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. Separate estimates for each of the noncovered elements are made at both the national and State levels (based on either direct data or from relevant secondary source materials). The estimates are added to the UI-reported payrolls in the related industry to produce the final estimate for the industry. County estimates, however, are made by allocating the State total, *inclusive* of the adjustment, by the distribution of the payrolls reported by UI for the appropriate industry. Independent estimates of the noncovered elements are not made for counties because of the lack of relevant data.

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 UI-reported 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. Adjustments are made to reflect UI data for California, Florida, and Arizona because of complete or near-complete UI coverage of contract farm labor in those States.

Corporate officers became exempt from UI coverage in Washington State starting in the fourth quarter of 1983. The State all-industry estimate of corporate officers' salaries in that quarter and in 1984, based on information from the Washington State Employment Security Department, is allocated to industries and counties in proportion to UI-reported wages.

"Noncovered" private 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 is referred to as "noncovered." In the private sector, farms, railroads, private households, and "other" are treated as "noncovered" in making the county estimates of wages and salaries.⁵ A description of the procedures used in making the county estimates of wages in each of 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 Census of Agriculture. In Arizona, California, Delaware, Florida, New Hampshire, and Rhode Island, UI-reported wages are substituted for the census-based estimates in counties where the UI-reported amounts are higher. County estimates of the salaries of corporate officers are based on the amounts reported in the 1978 Census of Agriculture. Pay-in-kind of hired farm labor is estimated by allocating State totals to the counties on the basis of the number of workers on farms who worked 150 days or more in a year, reported in the census of agriculture.

⁵ "Other" is the designation for "rest of the world," in the component classification used in the State and local area accounts. Although it reflects wages paid to U.S. residents by international organizations, foreign embassies, and consulates located in the United States, it has been the convention to include it with private nonfarm industries rather than with government.

² 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.

³ 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.

⁴ State UI laws require employers to estimate (if applicable) the cash value of meals and lodging provided employees free of 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.

Table A.—Relative Importance to Total Personal Income of Wage and Salary Disbursements, by Component, United States, 1984

	Dollars (000,000)	Percent of TPI
Total personal income¹	3,016,317	100.00
Wage and salary disbursements²	1,809,484	59.99
Farm	11,948	.40
Agricultural services, forestry, fisheries, and other ³	6,887	.23
Mining	29,036	.96
Construction	90,812	3.01
Manufacturing	437,682	14.51
Nondurable goods	159,841	5.30
Food and kindred products	32,101	1.06
Textile mill products	11,482	.38
Apparel and other textile products	14,361	.48
Paper and allied products	17,459	.58
Printing and publishing	27,790	.92
Chemicals and allied products	30,360	1.01
Petroleum and coal products	6,433	.21
Tobacco manufactures	1,647	.05
Rubber and miscellaneous plastics products	15,737	.52
Leather and leather products	2,471	.08
Durable goods	277,841	9.21
Lumber and wood products	11,970	.40
Furniture and fixtures	7,825	.26
Primary metal industries	23,263	.77
Fabricated metal products	32,458	1.08
Machinery, except electrical	55,807	1.85
Electric and electronic equipment	52,106	1.73
Transportation equipment excluding motor vehicles	30,243	1.00
Motor vehicles and equipment	26,798	.89
Stone, clay, and glass products	13,401	.44
Instruments and related products	17,280	.57
Miscellaneous manufacturing industries	6,690	.22
Transportation and public utilities	131,349	4.35
Railroad transportation	12,741	.42
Trucking and warehousing	27,652	.92
Water transportation	5,039	.17
Other transportation ⁴	23,403	.78
Communication	36,510	1.21
Electric, gas, and sanitary services	26,004	.86
Wholesale trade	126,843	4.21
Retail trade	178,122	5.91
Finance, insurance and real estate	120,989	4.01
Services	337,577	11.19
Hotels and other lodging places	15,256	.51
Personal services	10,862	.36
Private households	7,935	.26
Business services	67,782	2.25
Auto repair, services, and garages	10,073	.33
Miscellaneous repair services	5,546	.18
Amusement and recreation services	9,863	.33
Motion pictures	4,368	.14
Health services	110,153	3.65
Legal services	16,934	.56
Educational services	18,468	.61
Social services	11,933	.40
Museums, botanical, zoological gardens	498	.02
Membership organizations	18,655	.62
Miscellaneous services	29,251	.97
Government and government enterprises	338,239	11.21
Federal civilian	75,241	2.49
Military	36,825	1.22
State and local	226,173	7.50

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.

Railroads.—The railroad industry is covered by its own retirement and unemployment insurance programs administered by the Railroad Retirement Board. There are, therefore, no UI data upon which to base estimates of wages and salaries in the railroad industry. Moreover, there are no suitable data available from the Railroad Retirement Board for making county estimates of wages. BEA bases its county estimates of wages in the railroad industry on the geographic distribution of an employment series developed from biennial reports on employment in class 1 railroads prepared by the Association of American Railroads (AAR).⁶ These reports include information on employment

for selected metropolitan area counties (which account for approximately 75 percent of all railroad employment) and a residual "all other," for each State. BEA distributes the residual in each State to the appropriate counties in proportion to the geographic distribution of railroad employment reported in the 1970 Census of Population. The county employment series for the years between AAR reports are approximated by straight-line interpolation. The employment series are used to allocate the State estimates (made from more direct data) of wages and salaries in the railroad industry. The use of employment as a county allocator of wages is somewhat more acceptable for railroads than for most industries because the regional differences in wage rates are minimized by the tendency to negotiate wages in the railroad industry on a nationwide basis.

Private households.—Because of the lack of local area statistics related to private household workers, other than the income and employment data reported in the census of population, BEA's estimates are based on an allocator developed from the 1970 census. 1980 census data will be used for the next set of comprehensive revisions. A 1969/70 benchmark distribution for allocating the State totals of wages and salaries received by private household workers was computed as the product of the number of private household workers in each county and an estimated mean earnings. The mean earnings of persons employed by private households was derived from Census Bureau tabulations of 1969 earnings of persons by income-size class and by industry. Such averages could be prepared only for the State and for each metropolitan area with a population of 250,000 or more. An estimate of the average earnings for all other areas combined was made from the residual data derived from subtracting the metropolitan area data from the State totals. This average was used for all counties not included in the reported metropolitan areas.

"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 foreign embassies and consulates located in the United States. It differs from "rest of the world" (the industry designation appearing in the national tables) to the extent that "rest of the world" additionally 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.

Government wages and salaries

Civilian government wages and salaries.—Almost all civilian government employment is now covered by the UI program. The county estimates of civilian government wages and salaries incorporate UI-reported payrolls in most States for the most recent years. Full UI coverage was extended to State and local governments (exclusive of elected officials and members of legislatures and the judiciary) effective January 1, 1978. However, the quality of UI-reported data continues to vary by State and by level of government, and data from other sources are used in some cases.

Federal civilian wage and salary disbursements.—The county estimates for most States reflect payroll data reported by Federal agencies under the UI program for Federal employees. However, a relatively large residual payroll unassigned to specific counties precludes the use of UI data in Tennessee except for estimating the wages of the Tennessee Valley Authority. The county wage estimates for other Federal agencies in Tennessee are based on county distributions of employment by agency, reported by the U.S. Office of Personnel Management (OPM), weighted

⁶ 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.

by a State average wage for each agency calculated from UI payroll and employment data.⁷

State government wage and salary disbursements.—The county estimates for all but seven States incorporate the UI-reported State government payrolls. The estimates for Illinois, Michigan, Minnesota, New Jersey, Rhode Island, Tennessee, and Wisconsin are based on the geographic distribution of full-time employees in State government reported in the 1967 Census of Governments. The UI-based estimates are prepared separately for the education and noneducation sectors and combined to State government totals. The census-based estimates are made directly for State government totals.

Local government wage and salary disbursements.—The county estimates are based on UI-reported local government payrolls in all States.⁸ These estimates are made separately for the education and noneducation sectors and combined to local government totals.

Military wages and salaries.—This category includes the cash pay and pay-in-kind of full-time military personnel and of the members of the military reserves. The wages and salaries of the full-time military personnel are estimated in two parts, cash pay and pay-in-kind.

The 1977-84 county estimates of military cash pay are based on 1980-84 county payroll estimates by branch of service, prepared by the Department of Defense (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 the DOD payroll estimates. In most cases where a military installation extends across county boundaries, the entire payroll is assigned to the county that contains the headquarters. The 1979 estimates of total military cash pay were prepared from the 1980 county distribution.

Pay-in-kind measures the value of the food and clothing received by enlisted personnel.⁹ State estimates are made by allocating the national totals of pay-in-kind by the geographic distribution of enlisted personnel. Because information for enlisted personnel is not shown separately from officers by county, the State estimates of pay-in-kind are allocated to the counties by cash pay.

There is little information, direct or indirect, 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 allowances for the food, clothing, and lodging paid in kind to employees, which represent income to them, 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.

This area of wage imputation is rather imprecise and involves a number of difficult decisions that can be settled only in a pragmatic fashion. For instance, the imputation is confined to food, clothing, and lodging because other types of perquisites, such as medical and recreational services, are generally less important and cannot be estimated satisfactorily from available data.

Pay-in-kind is relatively important in the military and farming sectors; therefore, the description of how it is estimated is discussed with the other elements of military and farm wages and salaries in the preceding sections. The following discussion is confined to the private nonfarm sector.

Payment in the form of food or food and lodging is still customary to some extent in eating and drinking places, hotels, private households, water transportation, private hospitals, private education, and private nonprofit organizations.

In terms of national income accounting, the imputation of wages is depicted in the accounts 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 food, pays them corresponding amounts of cash wages, and 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 food relative to those paid wholly on a cash basis.

Separate distributions of payments in cash and in kind of private nonfarm wages and salaries in the "covered" industries are not available for States or counties. Although the value of pay-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. Separate estimates of pay-in-kind are made by BEA for several industries lacking complete UI coverage (in addition to farm and military) namely, private households, private hospitals, membership organizations, and private educational services. The separate estimate for private hospitals reflects the food, lodging, and clothing received by members of religious orders working in hospitals but excluded from UI coverage. Pay-in-kind in private education and membership organizations also reflects the value of food, lodging, and clothing received by personnel who are members of religious orders. The practice of providing these perquisites as part of wages to lay employees has, for the most part, been discontinued.

State estimates of pay-in-kind in private education, hospitals, and membership organizations 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 example, for private education: Full-time teaching priests, teaching brothers, teaching sisters, etc.; for membership organizations: Resident pastors, diocesan priests, etc.). County estimates, however, are allocated in proportion to the distribution of cash wages because no relevant data are available.

Pay-in-kind for private households is estimated at the State and county levels in proportion to cash wages because of the lack of related data.

Other Labor Income

Other labor income (OLI) consists primarily of employer contributions to private pension and welfare funds, including privately insured workers' compensation funds. Other items included are directors' fees, compensation to prison inmates, jury and witness fees, other judicial fees, and marriage fees paid to justices of the peace. Little or no data are available for these items. However because employer contributions currently account for 99 percent of OLI nationally, the lack of data relating to these other items does not seriously impair the measurement of personal income.

Employer contributions to private pension funds.—These payments made by employers on behalf of their employees are most often directly related to wages. The proportion of the employer contribution to the payroll tends to vary by industry; therefore, the estimates were made in considerable industrial detail, using the geographic distribution of wage and salary disbursements to allocate national totals to States and State totals to counties. Except for a small amount of annuity payments made by some State and local governments on behalf of certain employee groups (primarily teachers), there is no government participation in private pension plans.

Employer contributions to private welfare funds.—Employer contributions to group life insurance, group health insurance, and supplementary unemployment insurance tend to vary by industry, but are usually unrelated to wages. Therefore, the State and county estimates are made in industrial detail using the geographic distribution of employment in the related industry to allocate the national and State totals. Government participation in private welfare plans, on behalf of government employees, is considerably greater than is government participation in private pension plans.

⁷ OPM data are also used to strengthen the UI-based estimates in a few cases. In Minnesota, New York, and North Carolina, OPM data for the Postal Service are substituted for the UI distributions. In Hawaii, Virginia, and Wisconsin, the UI data are adjusted to agree with the OPM county distributions of the civilian employment of the Department of Defense.

⁸ In Illinois, the 1978-81 estimates are based on an interpolation between the 1982 UI-based estimates and October payroll data from the 1977 Census of Governments.

⁹ The clothing imputation is confined to "standard" issues; it does not include clothing and equipment designed for use on special duties or under unusual conditions.

Table B.—Relative Importance to Total Personal Income of Other Labor Income, by Component, United States, 1984

	Millions of dollars	Percent of total personal income
Total personal income	3,016,317	100.00
Other labor income	195,540	6.48
Employer contributions to private pension funds	73,286	2.43
Employer contributions to private welfare funds	119,469	3.96
Group life insurance, group health insurance, and supplemental unemployment insurance	101,545	3.37
Workers' compensation	17,924	.59
All other ¹	2,785	.09

Detail may not add to totals due to rounding.

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

Employer contributions to private welfare funds.—Employer contributions to group life insurance, group health insurance, and supplementary unemployment insurance tend to vary by industry, but are usually unrelated to wages. Therefore, the State and county estimates are made in industrial detail using the geographic distribution of employment in the related industry to allocate the national and State totals. Government participation in private welfare plans, on behalf of government employees, is considerably greater than is government participation in private pension plans.

The task of estimating employer contributions to privately administered workers' compensation funds is more complex than it is for the contributions to pension funds and other welfare funds because the amount of premiums paid for workers' compensation insurance is 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 wage level or employment. Annual data related to premiums paid to private insurance carriers underwriting workers' compensation plans are available by State on an all-industry basis from the National Council on Compensation Insurance. The National Income and Wealth Division, BEA, provides national estimates of premiums paid, by industry. Preliminary State estimates of premiums paid by industry (based on the distribution of wages) are reconciled with the national industry estimates of premiums paid and with the State all-industry totals of premiums paid.¹⁰ Estimates of benefit payments made under self-insured plans and of court-awarded payments to railroad workers and maritime seamen (not covered by either State or Federal workers' compensation laws) are combined with the premium payments to equal total employer contributions to privately administered workers' compensation funds.¹¹

No actual information on the county distribution of these payments is available. The county estimates for employer contributions by industry for total privately administered workers' compensation funds are based on the corresponding county distributions of wage and salary disbursements by industry.

Directors' fees.—The State and county estimates of directors' fees are made in industry detail and based on the assumption that their geographic distribution is proportional to the distribution of wages and salaries in the applicable industry.¹²

All other OLI.—State and county estimates for the remaining items of OLI (compensation to prison inmates, jury and witness fees and other judicial fees, and marriage fees paid to justices of the peace) are made using indirect data as allocators: prisoner population, number of crimes committed, and civilian population respectively.

¹⁰ 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.

¹¹ In the case of self-insured workers' compensation plans and court-awarded compensation for injury, benefits and employer contributions are identical.

¹² Approximately three-fourths of all directors' fees occur in finance, insurance, and real estate.

Proprietors' Income

Proprietors' income is the income, including income-in-kind, of proprietorships and partnerships and of tax-exempt cooperatives. It is treated in its entirety as received by individuals. Interest and dividends received by proprietors of nonfinancial business and rental income received by persons who are not primarily engaged in the real estate business are excluded; they are included in personal interest income, personal dividend income, and rental income of persons, respectively. Proprietors' income is estimated in two parts—nonfarm and farm.

Nationally, nonfarm proprietors' income is shown both with and without two adjustments: The inventory valuation adjustment (IVA) and the capital consumption adjustment (CCAdj). The IVA is necessary because, under the accounting practices generally followed by business, inventories are charged to cost of sales in terms of original cost rather than in terms of replacement cost. In periods of changing prices, this practice results in gains or losses reflecting differences between the replacement cost of goods taken out of inventory and their recorded "book" acquisition cost, rather than reflecting current production, which is the appropriate measure for national income purposes. The IVA represents the difference between current replacement cost and the "book value" of inventories charged to cost of sales. In general, the adjustment has been negative because prices of goods carried in inventory have been rising.

Table C.—Relative Importance to Total Personal Income of Proprietors' Income, by Component, United States, 1984

	Millions of dollars	Percent of total personal income
Total personal income	3,016,317	100.00
Proprietors' income¹	153,077	5.07
Farm	26,845	.89
Nonfarm	126,232	4.18
Agricultural services, forestry, and fisheries	1,854	.06
Mining	1,695	.06
Construction	18,519	.61
Manufacturing	2,204	.07
Transportation and public utilities	4,980	.17
Wholesale and retail trade	22,576	.75
Finance, insurance, and real estate	3,488	.12
Services	70,916	2.35
Business services	18,278	.61
Professional and social services	52,638	1.75

Detail may not add to totals due to rounding.

¹ Includes the inventory valuation and capital consumption adjustments.

The purpose of the CCAdj is to put tax-return-based capital consumption allowances on an "economic" basis, that is, valued at current market prices (rather than original cost) and measured consistently with respect to service lives of assets and the depreciation formula.¹³ Neither adjustment is necessary for the 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.

Nonfarm proprietors' income

The county estimates of nonfarm proprietors' income for many industries are benchmarked on IRS data on the self-employed. These data were tabulated from Schedule SE (Computation of Social Security Self-Employment Tax) filed by proprietors of unincorporated businesses. The IRS self-employment data

¹³ For a more detailed discussion, see "The National Income and Product Accounts of the United States: Revised Estimates 1929-74," *SURVEY* 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.

were used in 18 States to prepare estimates (most recently for 1972) for nonfarm proprietors' income in each major industry. For the remaining 32 States, the IRS self-employment data (most recently for 1970) were used only for trade and services. (Trade and services together account for about 70 percent of all nonfarm proprietors' income.) Estimates for the other nonfarm industries are based on a combination of 1962 IRS data for all industries and data from the annual Census Bureau publication *County Business Patterns (CBP)* on the number of small establishments by industry and county.¹⁴ The *CBP* small-establishment data are also used to extend the various benchmarks to the more current years. More current data on the income of the nonfarm self-employed have been obtained from IRS and will be introduced into the estimates in the next comprehensive revision.

Because there are no State or county data available upon which to base independent estimates of the IVA and CCAAdj, the assumption is made that each is distributed geographically in the same proportion as the nonfarm proprietors' net income.

The county estimates of the net income of rural electric and telephone cooperatives are based on data from the annual report of the Rural Electrification Administration. The estimates for the electric cooperatives reflect the distribution of the metering points within the service area of each cooperative. For the telephone cooperatives, the estimates reflect the distribution of the dwellings of the customer-members.

Farm proprietors' income

The net income of farm proprietors is computed as the total gross income of all farm operators minus total production expenses. It is 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. Copies of county tables showing estimates of farm income and expenses in detail (see appendix B) 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 data relates to corporate farms. The USDA totals include net income of corporate farms, whereas the BEA personal income series measures proprietors' net farm income, which by definition excludes corporate farms. BEA also classifies the salaries of officers of corporate farms as part of farm wages and salaries; USDA treats the corporate salaries as returns to corporate ownership and part of total returns to farm operators.

A further difference between the two sets of estimates relates to depreciation. BEA adjusts the USDA estimates from a declining-balance type of depreciation (used by the USDA) to a straight-line depreciation (consistent with BEA's estimates for other industries).

The estimates of total net farm income measure income arising out of the current year's production in the farm sector. 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, the amount held in inventory will rise, cash receipts from current production will be understated, and the value of the net change in inventories will be positive. In either case, the correction 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 and 1978 Censuses of Agriculture and on selected annual county data prepared by the State offices affiliated with the Statistical Reporting Service (SRS), USDA. The latter data are used, wherever possible, to extend the estimates to noncensal years. In addition to these basic sources, data from other sources within the USDA, such as the Agricultural Stabilization and Conservation Service, are utilized in the prepara-

tion of a fairly detailed income and expense statement covering all farms in each State and county (appendix B). Data from the 1982 Census of Agriculture will be incorporated into the estimates effective with the next set of comprehensive revisions.

Although a substantial amount of farm data is reported to the IRS, it is of limited use for local area income estimation. In addition to the inadequate size of the IRS sample there are several other serious obstacles to the use of the IRS farm data. The diversity of accounting methods that underly the tax reports 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 income accounting concepts. Finally, the IRS tabulations do not adequately cover the income of many farmers in the lower income brackets.

The benchmarks for the farm proprietors' income estimates are data collected in the censuses of agriculture as well as the USDA State totals of income and expense items. County distributions of 16 components of gross income and inventory change and 13 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 custom work and other agricultural services performed by farm operators, (3) the income from recreational services, (4) the payments to farmers under several government payment programs, (5) the value of food and fuel produced and consumed on farms, (6) the gross rental value of farm dwellings, and (7) the value of the net change in the physical volume of farm inventories of crops and livestock.¹⁵

Cash receipts from marketing is the most important component of gross farm income. The USDA includes some 150 different commodities and generally has production, marketing, and price data available for preparing the estimates on a State basis. However, except for 15 States, annual county estimates of cash receipts by component are not currently available.¹⁶ To offset this lack of current county data, estimates of cash receipts from marketing are made by summing the USDA State estimates of cash receipts from individual commodities into the groups for which value-of-sales data are reported by county in the census of agriculture. These aggregates are then allocated by the related census county distribution. Estimates for intercensal years are either based on supplemental county estimates of annual production of selected field crops, available from the State SRS offices, or calculated by straight-line interpolation between the census benchmarks and adjusted to State USDA levels.

Estimates of income from custom work and recreational services are prepared from similar information reported by counties 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 census 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 and calves and hogs and pigs on farms, by county, as of January 1, the year-to-year changes in inventory numbers are incorporated into a county allocating series to distribute the State estimates of the change in livestock inventories. In cases where annual county estimates of the number of animals on farms as of January 1 are unavailable, the county distributions of the number of livestock units on farms reported in the censuses of agriculture are used to allocate the annual State totals. This procedure is duplicated to provide estimates of the value of the change in poultry inventories.

¹⁴ The two major sources of data for the *CBP* are the IRS form 941, filed quarterly by employers covered under the Federal Insurance Contributions Act, and the annual organization surveys, which provide establishment employment and payroll data for multi-establishment employers.

¹⁵ Recreation services income is received for providing facilities for fishing, hunting, camping, etc.

¹⁶ The States for which county estimates of cash receipts are currently available are Alabama, Arizona, California, Delaware, Hawaii, Illinois, Kentucky, New Mexico, North Carolina, Ohio, Oregon, Pennsylvania, South Carolina, Texas, and Wisconsin.

The value of the change in crop inventories is estimated in several ways, depending upon the type of information available for a given State. State totals of the value of the change in crop inventories are allocated to counties by one of the following measures: county crop production data reported in the censuses of agriculture; BEA county estimates of cash receipts from marketing of crops; or county estimates of the annual change in the quantity of crops on farms. The last series is derived by computing the year-to-year change between successive annual county distributions of quantity of crops on farms (approximated by distributing the State totals of quantity on farms by county data on crop production, available from the SRS offices).

Production expenses are estimated by county for a number of items using direct allocators from the censuses of agriculture.¹⁷ Many expense items—including taxes, mortgage interest, and depreciation—are combined and allocated based on the “other expenses” series reported in the 1974 Census of Agriculture. To extend the 1974 “other expenses” distribution to 1978, a set of provisional estimates of the major components of “other expenses” was constructed for 1974 and for 1978, based on indirect allocators drawn from the two 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 “other expenses” distribution was extended forward by the percentage changes from 1974 to 1978 in the county totals of the provisional estimates. The 1978 benchmark distributions are used to allocate the State totals for each subsequent year.

Intra-State interfarm transfers are offsetting income and expense items when State accounts are aggregated; consequently the USDA excludes these transactions in its estimates of the cash receipts from marketing livestock and the expenses of livestock purchased. However, such transfers may not necessarily be intracounty transfers; therefore, estimates of income and expenses for interfarm transfers are made by BEA and distributed among counties by two different allocators. Income is allocated by cash receipts for livestock, and expenses are distributed by livestock purchased. Similarly, for net rent within each State, the distribution of rent received is different from that of rent paid. Data for both are reported in the census of 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 individual 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 in 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 persons by financial intermediaries without charge. The remainder is the property income withheld by life insurance companies and private noninsured pension funds on the account of persons, such as the addition of income to policyholder reserve held by life insurance companies.

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 and mobile homes; the imputed net rental income of owner-occupants of nonfarm dwellings (including mobile homes); and the royalties received by persons from patents, copyrights, and the rights to natural resources. The CCAdj is discussed in the prefatory statement of the proprietors' income section.

Dividends and interest

The State and county estimates of dividends and monetary interest are based on the IRS Individual Master File (IMF) tabulations of dividends and monetary interest reported on individual income tax returns, which is available for selected years through 1983.¹⁸ For years in which IMF tabulations are

Table D.—Relative Importance to Total Personal Income of Personal Dividend Income, Personal Interest Income, and Rental Income of Persons, by Component, United States, 1984

	Millions of dollars	Percent of total personal income
Total personal income	3,016,317	100.00
Personal dividend income, personal interest income, and rental income of persons	573,988	19.03
Personal dividend income	77,735	2.58
Personal interest income	433,742	14.38
Monetary	304,849	10.11
Imputed	128,893	4.27
Rental income of persons ¹	62,511	2.07
Monetary	39,176	1.30
Imputed	23,335	.77

Detail may not add to totals due to rounding.

¹ Includes the capital consumption adjustment.

available, the estimates 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 the most recently available IMF tabulations.

The State estimates of imputed interest are made separately by source (type of financial intermediary: commercial banks, saving and loan associations, credit unions, mutual savings banks, life insurance companies, and other). The individual estimates are summed to State totals of all imputed interest. Information reflecting the geographic distribution of imputed interest below the State level is unavailable; therefore, the county estimates are made by distributing the State estimates of imputed interest among the counties in proportion to the county distribution of monetary interest.

Rental income of persons

Monetary rent.—The rental income component of personal income is a net measure of rent. State-level tabulations of the net rental income of persons are available from the IRS *Statistics of Income (SOI)*, 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 amount estimated for the national personal income accounts. 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 State and county estimates are based on the distribution of gross rent reported in the IMF county tabulations. The estimates for the years between the IMF benchmarks are prepared by a straight-line interpolation. The estimates for the years following the latest available IMF benchmark are based on the distribution from the last IMF benchmark.

¹⁷ The items are: Purchases of feed, livestock and poultry, seed, fertilizer and lime, pesticides, and petroleum products; cash wages, perquisites, contract labor expenses; machine hire and customwork; animal health costs, and all other expenses (i.e., mainly “overhead” items such as taxes, mortgage interest, electricity, telephone, depreciation, etc.).

¹⁸ 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.

Royalty income.—The State estimates of royalty income are based on the State distribution of royalty income reported in the *SOI*. The *SOI* amounts account for approximately 90 percent of the national BEA estimate of royalty income. The difference is allocated among the States, in proportion to the number of returns with royalty income reported for each State in the *SOI*. The estimated State share of the underreported amount is added to the *SOI*-reported amount to produce the final State estimate of royalty income. Because data on the county distribution of royalty income 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.

Estimates of imputed rent for owner-occupied mobile homes (State and county) are made by allocating the national total, inclusive of the CCAJ, for each year, by the geographic distribution of the number of mobile homes and trailers reported in the 1980 Census of Housing. (A preliminary review indicated that the proportion of trailers to mobile homes was too small to affect the distribution.)

Estimates of imputed rent for all other owner-occupied dwellings are prepared by allocating State totals, inclusive of the CCAJ, to the counties by the estimated market value of owner-occupied, single-family nonfarm homes. 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 and county estimates of imputed rent reflect adjustments for the following natural disasters and other unique circumstances: (1) Hurricane damage in Texas in 1983, (2) flood damage in Arkansas, Hawaii, Illinois, Louisiana, and Missouri in 1982, (3) Proposition 13 in California in 1978-82, and (4) riot damage in Florida and volcano damage in Washington State in 1980.

Transfer Payments

Transfer payments are income payments to persons, generally in monetary form, for which they do not render current services. The component includes payments by government and business to individuals and nonprofit institutions.

Currently, transfer payments account for almost 14 percent of TPI. As a component of the State and county personal income series, it reflects the sum of more than 50 separately estimated items. Approximately 75 percent of total transfer payments is measured on the basis of directly reported data. The remainder, for the most part, is estimated on the basis of reliable indirect indicators. Some of these indicators are drawn from the 1970 Census of Population; 1980 census data will be used for the next set of comprehensive revisions.

The remainder of this section is arranged in classificational order, listing each separately estimated item of transfer payments accompanied by a brief explanation of the item and a description of how it is estimated for the county personal income series.

Government payments to individuals

Retirement, disability, and health insurance benefit payments:

Old-Age, Survivors, and Disability Insurance (OASDI) payments.—These are the payments popularly known as "Social Security." They 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. Estimates of OASDI benefits at the county level 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. The Railroad Retirement Board provided county tabulations of benefit payments for 1

Table E.—Relative Importance to Total Personal Income of Transfer Payments, by Component, United States, 1984

	Millions of dollars	Percent of total personal income
Total personal income	3,016,317	100.00
Transfer payments	416,725	13.82
Government payments to individuals	391,823	12.99
Retirement, disability, and health insurance benefit payments	297,903	9.88
Old-age, survivors, and disability insurance payments	172,960	5.73
Railroad retirement and disability payments	6,058	.20
Federal civilian employee retirement payments	22,105	.73
State and local government employee retirement payments	24,730	.82
Medical insurance payments	64,797	2.15
Workers' compensation payments (Federal and State)	4,575	.15
Other government disability insurance and retirement payments ¹	2,678	.09
Unemployment insurance benefit payments	16,127	.53
State unemployment insurance compensation	15,533	.51
Unemployment compensation for Federal civilian employees (UCFE)	196	.01
Unemployment compensation for railroad employees	188	.01
Unemployment compensation for veterans (UCV)	132	.00
Other unemployment compensation ²	78	.00
Federal education and training assistance payments (other than for veterans) ³	5,313	.18
Income maintenance benefit payments	40,414	1.34
Supplemental security income (SSI) payments	10,362	.34
Aid to families with dependent children (AFDC)	14,746	.49
General assistance	2,329	.08
Food stamps	10,701	.35
Other income maintenance ⁴	2,276	.08
Veterans benefit payments	31,709	1.05
Veterans pensions and compensation and military retirement	28,930	.96
Educational assistance to veterans, dependents, and survivors ⁵	1,174	.04
Veterans life insurance benefit payments	1,435	.05
Other assistance to veterans ⁶	170	.01
Other payments to individuals ⁷	356	.01
Business payments to individuals ⁸	14,200	.47
Payments to nonprofit institutions	10,702	.35
Federal Government payments	3,154	.10
State and local government payments ⁹	4,416	.15
Business payments	3,132	.10

Detail may not add to totals due to rounding.

¹ Consists of temporary disability payments, Panama Canal construction annuity payments, and black lung payments.

² Consists of trade readjustment allowance payments, Redwood Park benefit payments and, public service employment benefit payments.

³ Consists of 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.

⁴ Consists of emergency assistance, foster home care payments, earned income tax credits, and energy assistance.

⁵ Consists of veterans readjustment benefit payments and educational assistance to spouses and children of disabled or deceased veterans.

⁶ Consists of payments to paraplegics, payments for autos and conveyances for disabled veterans, veterans aid, and veterans bonuses.

⁷ Consists of 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, and other special payments to individuals.

⁸ Consists of consumer bad debts and other business transfer payments (cash prizes, auto liability payments, medical malpractice liability payments, railroad and miscellaneous liability payments, losses due to forgery, and unrecovered thefts).

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.

month in 1971. The benchmark distribution, extrapolated to earlier years and later years by the annual change in the county distributions of OASDI benefits, is the basis for the county estimates of these benefits payments.

Federal civilian employee retirement payments.—This component includes payments made to former Federal Government employees or survivors of employees covered by the civil service retirement and disability funds or by special contributory and noncontributory retirement systems. ZIP-code distributions of combined payments for 1 month in each year are provided by OPM. The data are summed to county totals and used to distribute the State totals for the related years.

State and local government employee retirement payments.—At present, retirement payments to State and local government employees and their survivors, including lump sum payments and withdrawals, represent a slightly smaller share of TPI than do the retirement payments to Federal civilian employees and their survivors. Due to a lack of direct

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.

Medical insurance payments.—These payments reflect benefit payments to individuals from programs sponsored by Federal, State, and local governments. 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 of medical and hospital expenses, as reported by the Health Care Financing Administration (HCFA), Department of Health and Human Services. Due to the lag in the availability of the data, the estimates for the most recent year reflect the previous year's distribution.

Also included in this category are the State and local government "buy-ins," i.e., the premiums for SMI that are paid by State and local public assistance agencies for aged persons receiving welfare. County estimates of these payments are derived by allocating State totals by HCFA county tabulations of the number of persons enrolled in SMI.

Workers' compensation payments.—Benefit payments from publicly administered workers' compensation insurance derive from both the Federal and State levels of governments. Federal Government employees are covered under the Federal Employees Compensation Act, administered by the Employment Standards Administration, Department of Labor. This agency provides BEA with annual county tabulations of the payments made to Federal employees, which are used to allocate the State estimates of benefits paid from federally funded workers' compensation insurance.

Benefit payments made from State workers' compensation funds 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 all States having second injury funds. Second injury funds have been established by legislation, enacted in the various States, designed to encourage employment of handicapped workers. The employer is assumed 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 effect 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 report, *State Government Finances*, on a statewide basis only. 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 and retirement payments.—This category consists of temporary disability payments, Panama Canal construction annuity payments, and black lung payments.

Temporary disability payments are weekly cash benefits, from State-administered programs, received by 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.

Panama Canal construction annuity payments are monthly annuities received by U.S. residents and naturalized citizens (or their spouses) who participated in the construction of the Panama Canal. The State estimates are based on the geographic distribution of the payments for the month of October of each year, as compiled by OPM. The county estimates are based on 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.

UI payments:

State UI compensation.—These are the cash benefits from State-administered UI programs. 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 benefit 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 office statistics 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. In cases where 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 estimate forward by the change in the number of persons unemployed during the year reported by the BLS.

Unemployment compensation for Federal civilian employees.—The UI program for Federal employees is a Federal program, but administered by the State ESA's acting as agents of the U.S. Government. ESA's in about one-half of the States now supply either county or local office data on unemployment compensation paid to Federal employees. Where county data are available, State totals are allocated directly. Local 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 for railroad workers. Benefits are payable to railroad workers unemployed due to sickness or lack of available work under a Federal formula applicable throughout the Nation. 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 estimates are based on the county distribution of total veteran population.¹⁹

Other unemployment compensation.—This category includes trade readjustment allowances and the benefits arising from two interim programs in aid of the jobless: The Redwood Park benefits program and the public service employee program.

Trade readjustment allowances are payments to workers who have become unemployed because of the adverse effects of increased imports resulting from trade arrangements permitted under the provisions of the Trade Expansion Act. State and county estimates are based on calendar-year data on payments made, tabulated by "petition" (location of plant). The tabulations are supplied by the Department of Labor, which administers the program. The tabulations are residence adjusted by BEA to approximate a geographic distribution based on place of receipt.

The *Redwood Park benefits program* is in aid of workers made jobless, during the period May 31, 1977, to September 30, 1980, by the expansion of the Redwood National Park in California. The benefits (which include weekly lay-off benefit payments, severance payments, and vacation replacement payments, as well as continuation of health and welfare coverage, accrual of pension rights and credits, and retraining) generally extend to September 30, 1984—although, for any given

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

beneficiary, the benefits can terminate earlier. ETA has information on the annual amount of payments made in the State, but not for the counties; therefore, the county estimates are based on the ETA approximation that 85 percent of the payments flow to Humboldt County and the remaining 15 percent flow to Del Norte County.

The *public service employment program* provides extended unemployment assistance to unemployed public service workers ineligible for extended compensation under any other Federal or State UI program. The State ESA's make the payments and are reimbursed by the Federal Government. The amount of benefits paid are available from ETA by 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.

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. The far larger portion is given by the Federal Government directly to the schools. The latter is classified as either transfer payments to nonprofit institutions or 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, payments to State maritime academy cadets, and 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. Because of the lack of direct data, the county estimates of all other Federal fellowships are based on the distribution of civilian population. 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.

Basic Education Opportunity Grants.—This program, inaugurated in 1973, provides grants for the education and training of persons with low incomes. Estimates of payments made under this program are based on tabulations of dollar amounts authorized for disbursement (which differ only slightly from the actual amount disbursed), by location of institution, prepared annually by the Department of Education. The payments are classified by county and summed to county totals by BEA.

Interest subsidy on higher education 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 tabulations of interest payments on guaranteed student loans for selected calendar years. The county estimates reflect the distribution of civilian population.

Job Corps payments.—These are the monthly payments for living expenses for 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.

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 supplementations.²⁰ At the county level, the three categories are combined, and the estimates are based on the county distribution of the number of persons on the SSI rolls.

Aid to families with dependent children (AFDC).—This program operates under the Federal-State welfare system whereby matching Federal funds are provided to the States for payments to persons in need of public assistance. It remains independent of SSI. Estimates for all years are prepared from direct data provided by the various State departments of social services and by the National Center for Social Statistics.

General assistance.—This refers to aid furnished by State or local governments to needy individuals or families who do not qualify for help under federally aided assistance programs. There is no Federal financial participation in this program. Estimates for all years are prepared from direct data available from the various State departments of social services and from the National Center for Social Statistics.

Food stamps.—The estimates for the years prior to 1979 measure the net value of the bonus coupons to qualifying households. Beginning with 1979, they measure the full value of the coupons; this reflects the revision in the food stamp program that eliminated the requirement of a cash payment in conjunction with obtaining food stamps. The estimates are based on USDA county tabulations of the value of the bonus coupons distributed for each month. The data are summed, by BEA, to calendar-year totals, and the resulting distributions are used to allocate the State totals to the counties.

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

The *emergency assistance* program extends 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. Data reflecting emergency assistance payments by county form the basis for the estimates in most of these States. For the other States, the State totals are distributed to the counties in proportion to the related distribution of general assistance payments.

Foster home care payments are made by State and local governments to families with foster children. County estimates reflect the geographic distribution of children 18 years of age and under, as reported in the 1970 Census of Population.

Eligibility for the *earned income tax credit* is determined by the size of adjusted gross income or earned income and certain household characteristics. Only the excess of the tax credit over the tax liability is counted as a transfer payment component. The State estimates are derived from IRS tabulations of the amount of payments disbursed to each State. Similar data are not available for local areas. County estimates are made by allocating the State estimates by county distributions derived from 1970 census data on earnings of families in poverty status.

Energy assistance payments provide assistance to needy individuals and families to help defray the cost of home heating and other necessary

²⁰ Several safeguards for individuals were built into the system: State mandatory payments resulting from the legislative provision that the State must provide a supplementary payment to any individual who, because of special needs or other reasons, had a December 1973 payment higher than the amount he would have received under the basic Federal SSI program and State optional payments resulting from the provision that a State may voluntarily elect to provide benefits above the Federal basic SSI payments. Both State supplementation payments may be either federally or State administered. States choosing to accept Federal administration of their supplementation payments are protected by a hold-harmless provision. This provision minimizes the financial burden of the supplementation payments for the affected States. 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.

home fuel consumption. One program, effective in 1980 only, was administered directly by the Federal Government; the others are federally funded, but administered by the States. The federally administered program consisted of grants made to SSI recipients. The State estimates of this component are based on SSA tabulations of the amounts disbursed. The county estimates reflect the geographic distribution of SSI enrollment. The State estimates for the State-administered programs are based on SSA data and on information received directly from 18 large States for 1980. The county estimates for all States are based on SSI enrollment.

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 served in peace time and incurred service-connected disabilities. Veterans with nonservice-connected disabilities who are permanently and totally disabled and meet specified income requirements are also eligible for benefits.

A benchmark allocating series was constructed from a 1972 ZIP-code distribution of veterans pension payments for 1 month, compiled by the Veterans' Administration (VA). Similar tabulations of more current information have been obtained and will be used for the next set of comprehensive revisions. The ZIP-coded data, summed to county levels and extrapolated to earlier and later years by the annual change in total veteran population, are used to distribute the State totals of this component.

Military retirement payments.—This component reflects the payments received by career military personnel including fleet reserve pay. Fleet reserve pay and military retirement pay are combined and estimated as one series at both the State and county levels. County estimates are based on the annual ZIP-coded tabulations of 1 month's payments supplied by DOD. The ZIP-coded data are summed to county aggregates and used to allocate State totals.

Veterans readjustment benefits.—These are the educational allowances and subsistence payments made to veterans of the post-Korean War period while attending school. These payments are authorized under the Veterans Readjustment Act of 1966. County estimates are made by allocating the State totals by the county distribution of veterans of the post-Korean War period reported by VA.

Educational assistance to spouses and children of disabled and deceased veterans.—Because of the absence of any direct or reliable indirect information, county estimates are derived by allocating State totals in proportion to civilian population.

Veterans life insurance benefit payments.—Included in this component are the death benefits paid to policy holders under the five veterans life insurance programs administered by VA. County estimates of the combined payments of death benefits and dividends are based on the annual county distributions of total veterans population.

Other assistance to veterans.—County estimates of payments to paraplegics and payments to disabled veterans for automobiles and other conveyances are based on distributions of veteran population. Payments made by State and local governments to veterans, in the form of assistance to indigent veterans and bonuses, are estimated by using the geographic distribution of veterans of the post-Korean Conflict period to allocate State totals.

Other payments to individuals:

Alaska Native Claims Settlement Act payments.—The law provides for "the fair and just settlement of all claims by Natives and Native groups in Alaska based on aboriginal land claims." Settlement was to be made

through the granting of land rights to groups of Natives and through money payments to resident and nonresident Natives.

The benefits included in transfer payments were the money 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.²¹ 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 relative to 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 deriving from a Federal program that compensates survivors of State and local government employees, such as policemen and firemen, 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 distribute national and State totals.

Compensation of victims of crime.—These payments derive from various State programs. Currently more than one-half of the States have instituted such programs, and the number is increasing. The national and State estimates are based on the information received in response to a direct inquiry sent to all States by the Government Division, BEA. A few States have reported payments by counties. For the other States, the county estimates are based on the distribution of civilian population.

Other special payments to individuals.—This category includes short-term benefit payments to selected individuals. In 1979, the payments are refunds paid to residents of Wisconsin out of the State surplus, based on the amount of real estate taxes paid. (This payment is classified as a transfer payment rather than a tax refund, because the real estate tax is a business tax—a deduction from gross rent to derive net rent. It is not a personal tax.) The estimates are based on actual amounts paid, supplied by the State. In 1982-84 the payments are disbursements of interest to residents of Alaska from the Alaska Permanent Fund (derived from oil revenues). 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 related population distributions.

Payments to nonprofit institutions

These are payments made by Federal, State, and local governments as well as by business (corporate gifts to nonprofit institutions). Reliable data for estimating these payments at the State and county levels are unavailable. Except for State and local government foster care payments, all county estimates are based on the geographic distribution of civilian population. County estimates of foster care payments are based on the 1970 census distribution of children 18 years old and under.

²¹ The Alaska Native Claims Settlement Act established regional corporations through which benefit payments were to be disbursed to eligible individuals. The Thirteenth Regional Corporation is the one that services Alaska Natives residing outside Alaska.

Business payments to individuals

In addition to corporate gifts to nonprofit institutions, transfer payments include personal injury payments made by business to individuals other than employees, consumer bad debts, 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 payment 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 the civilian population. State estimates of consumer bad debts are made for retail trade, selected services, commercial banks, and all others. 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 county distribution of retail sales reported in the 1977 Census of Business.

Personal Contributions for Social Insurance

Contributions made by individuals under the various social insurance programs are excluded from personal income by handling 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 though viewed as part of total earnings of employees are not actually received by them in the current period. In the national income 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 Federal, State, and local public employee retirement systems. Contributions of 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 Government employees operates through private insurance carriers and is included in personal income as a component of OLI (employer contributions to private welfare funds).

Contributions made by self-employed individuals are paid annually along with their Federal income taxes. Employee contributions to most social insurance programs are collected in a manner similar to taxes on wages and salaries in that they are withheld at the source of disbursement under the laws of the Federal Government and of some State and local governments. However, the amounts of such taxes are counted as part of personal income—as though first received by the employee and then paid to the government. This 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 somewhat arbitrary.

In general, the State totals are allocated to counties by the payroll or proprietors' income series. Exceptions to this general procedure are: Contributions for veterans life insurance—estimated by allocating State totals by veteran population; contributions made to State UI and temporary disability programs applicable in only a few States—estimated by allocating State totals by civilian population; and SMI payments—estimated by allocating State totals by HCFA tabulations of the number of persons enrolled in the program.

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). U.S. nationals working abroad for U.S. firms or for the U.S. government

Table F.—Relative Importance to Total Personal Income of Personal Contributions for Social Insurance, by Component, United States, 1984*

	Millions of dollars	Percent of total personal income
Total personal income¹	3,016,317	100.00
Less: Personal contributions for social insurance	131,987	4.38
Contributions to old-age, survivors, disability, and hospital insurance	109,086	3.62
Employee contributions	100,614	3.34
Self-employed contributions	8,472	.28
Supplementary medical insurance contributions	5,111	.17
Federal civilian employee retirement contributions	4,523	.15
Railroad employee retirement contributions	921	.03
State and local government employee retirement contributions	10,041	.33
Veterans life insurance contributions	727	.02
State unemployment insurance and temporary disability contributions	1,578	.05

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

Detail may not add to totals due to rounding.

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

are included in the national measure of personal income, but they are excluded from State personal income. At the State and county levels, the issue of place of residence is more significant.²² Persons commuting between States are a major factor in areas like Washington, DC—Maryland—Virginia and New York—New Jersey—Connecticut, where metropolitan areas extend across State boundaries. 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 census counts many of these workers at their usual place of residence (rather than where they are on April 1st when the census is taken). BEA attempts to assign the wages of these workers to the area where they reside while performing the work.²³ BEA also assigns the income of military personnel to the county in which they reside while on military assignment, not where 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 the residence is outside of the territorial limits of the United States.

Three of the six major components are recorded, or are treated as recorded, on a where-received (place of residence) 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 where-received basis because the sole proprietorship portion, which accounts for more than 80 percent of the total, is reported to the IRS by place of residence. The place of residence of a farm proprietor is considered to be identical to the place of work. The remaining three major components—wages and salaries, OLI, and personal contributions for social insurance—are, with minor exceptions, estimated from data that are reported by point of disbursement (place of work). (The exceptions are wage and salary disbursements and OLI in the farm and private household sectors, military reserve pay, personal contributions for veterans life insurance and for SMI, and

²² The meaning of "resident" in the context of measuring personal income refers not only to individuals but also to quasi-individuals. In the case of nonprofit institutions, residence is determined according to geographic location. The residence of a private trust fund or private noninsured welfare fund, on the other hand, is considered to be identical to that of its beneficiaries because the income received by these entities is received on behalf of individuals.

²³ Exceptions to this rule are out-of-State workers in Alaska and selected groups of border workers.

contributions by the self-employed for OASDI and HI.) Accordingly, adjustments are made to place these components on a where-received basis. The sum of these place-of-work components is referred to as income subject to adjustment (ISA).

The residence adjustment estimates for 1980 and later years are founded on those for 1979. The initial 1979 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 1979 ISA in the county of work multiplied by a residence adjustment factor. The residence adjustment factors were calculated from 1970 Census of Population data on the number of workers and their 1969 average earnings by industry in each intercounty commuting flow. (Comparable data from the 1980 census will be introduced in the estimates with the next set of comprehensive revisions).

The initial 1979 estimates have been revised several times to adjust for changes in commuting patterns since 1970. The latest revision incorporated the 1979 wage and salary distribution from the 1980 Census of Population for clusters of counties identified as being closely related by commuting (such as multicounty metropolitan areas). The initial 1979 BEA place-of-residence wage and salary estimates were summed to a total for each cluster. The BEA cluster totals were then redistributed among their constituent counties in the same proportion as their reported 1979 census wages and salaries. Revisions were

also made for selected noncluster counties when large, offsetting differences between the initial 1979 BEA estimates and the census data occurred in adjacent counties. In all, 1,343 counties were affected by these procedures.

The estimates for 1980 and later years reflect both the 1979 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 census journey-to-work data. A relative change ratio is calculated for each county for each year after 1979. The ratio is the percentage change in county ISA from 1979 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 1979 estimates and on the changes in ISA, are multiplied by the relative change ratio. Initial estimates of total inflows to each county, based on the 1979 estimates and on the changes in the IRS-based wage series, are divided by the ratio. Outflows are subtracted from inflows to yield net residence adjustment. As a final step, cluster totals of place-of-residence ISA are derived and then redistributed to the constituent counties based on 1979 place-of-residence ISA and the percentage change in the IRS-based wage series.

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 income for the counties, BEA uses Bureau of the Census county population totals as of July 1, which are available for 1979 and for 1981-84. 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, prison, or State mental hospital) 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, though 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. Yet it is this regulation of cash flows by farmers that extends their earnings cycle and allows them to survive losses or lowered income for 2 or 3 years.

In counties that are characterized by 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 Census Bureau. 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, and income received by quasi-individuals. It does include 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 Census Bureau as part of the census

of population. Intercensal estimates are made using IRS data and components of State personal income adjusted to a money income concept. These intercensal estimates are used to extrapolate forward the substate decennial money income estimates for use in the general revenue sharing program.

BEA and the Census Bureau 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 due to differences in the method of computation. For example, the Census Bureau computes 1982 per capita money income by dividing 1982 total money income by April 1983 total population, whereas BEA derives its 1982 per capita personal income by dividing 1982 total personal income by July 1982 total population.²⁵

Electronic edit procedures.—In making the estimates, several million administrative records are put into BEA's system annually. Although these records are usually encoded and processed by the agency administering the program generating these records (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, data are arrayed in tables and printouts, which give the analyst a frame of reference for judging the quality of the data. At other stages, the data are screened by computer, and only items that exceed specified edit parameters are flagged for further review. An example is the "6-year average wage check" used to screen the estimates of wages and salaries together with the companion employment series. This routine lists the records (2-digit SIC industries) where, for at least 1 year, the average wage exceeds edit parameters. The edit parameters are established separately for each industry group. A higher limit is used for mining, construction, and finance than for the other groups of industries.

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

Interpolation and extrapolation.—In the context of State 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 most 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 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 (inter- polation)	Year 3 (inter- polation)	Year 4 (benchmark)
County A	28	34	40	46
County B	34	43	5	62
County C	74	81	87	94

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

²⁴ More detailed discussions are presented in Stephen C. Lehman, "Relationship Between Personal Income and Taxable Income, 1947-74," *Survey of Current Business*, December 1976, pp.17-19, 27, and Thae S. Park, "Personal Income and Adjusted Gross Income, 1977-81," *Survey of Current Business*, April 1983, pp. 28-33.

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.

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	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

	Year 1 (benchmark)	Year 2 (inter- polation)	Year 3 (inter- polation)	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.

Wage approximations in thousands of dollars

	Year 2		Year 3	
	employment	wages	employment	wages
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 in thousands of dollars

	Year 4 average wages	Year 5	
		employment	wages
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 prevention.—BEA's heavy reliance on the administrative record files of other government agencies makes it particularly important that it be aware of, and observe, the legal requirements relating to disclosure of confidential information, which are established to safeguard the privacy of persons and firms. 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 2-digit SIC level for regions and States and to the 1-digit SIC level for counties, metropolitan areas, and all other geographic areas aggregated from the county estimates. Three basic techniques for disclosure avoidance are available: suppression, rolling up, and disturbing.²⁶ BEA uses a combination of all three techniques.

²⁶ 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, and consequently, the combination of tabular rows and columns of estimates. Disturbing involves altering a number enough that exact disclosure is no longer possible but not enough to distort the usefulness of the information.

As described in the section on wage and salary disbursements, BEA's estimates of wage and salary disbursements 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 State ESA's at the 2-, 3-, and 4-digit SIC level. These aggregations by county contain information covering one or several firms in an industrial classification.²⁷ The ES-202 files provided to BEA by the collecting agencies have legal restrictions placed upon the release of confidential information. The estimates are done in the greatest possible detail common to all States in order to retain the differential weighting of industries among geographic areas and to provide a means of evaluating trends and changes in a county's total and per capita personal income. Because the greatest detail common to all States is the 2-digit SIC level, files received at the 3- or 4-digit level are summarized to the 2-digit level.

After completing its estimates of wage and salary disbursements by 2-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—one or several firms account for some predetermined significant percentage of the total, thus dominating the cell. For the first type, the ES-202 files BEA receives contain reporting-unit information that permits determination of the number of firms in each cell. For the second type, cells containing dominant-firm disclosures are either identified by the State ESA using the individual employer's records or determined by BEA using 4-digit SIC level data. The 4-digit procedure is less satisfactory than dominant-firm disclosures identified by the State ESA's from individual employer records because it creates more suppressions than are necessary.

The items identified as disclosures, either by number-of-reporting-units 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 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 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 2-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 (2-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 multi-dimensional matrix consisting of industry and county cells for each of the geographic levels to be released. Computer programs impose a set of rules and priorities in order to select additional cells for suppressions until the entire multi-dimensional matrix of suppressions is balanced such 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 2-digit industries rather

²⁷ 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.

than the higher level 1-digit industry 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 desirable regional or national totals.

A variant of the “disturbing” technique is used to prevent disclosures on the the number of secondary and complementary suppressions on the county tables. Under this approach, the metropolitan area total for each industry represents one of three situations. In cases where there are no county suppres-

sions, the actual metropolitan area total is shown. In cases 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 with an “*” indicator flag; in these cases, the amount shown constitutes the major portion of the actual total. In cases where the dollar amount of the county suppressions is large enough to seriously impair the partial total, the entire amount is suppressed with a “D”.

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.....	<i>County Business Patterns</i> (published by the Census Bureau)
CCAdj.....	Capital consumption adjustment
CMSA.....	Consolidated metropolitan statistical area
DOD.....	Department of Defense
ESA.....	Employment security agency (of a State government)
ES-202.....	See UI
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
MSA.....	Metropolitan statistical area
NECMA.....	New England county metropolitan area
NIPA('s).....	National income and product account(s)
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.....	<i>Statistics of Income</i> (published by IRS)
SRS.....	Statistical Reporting Service (of the USDA)
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 payroll data drawn from the administrative records of the State and Federal civilian UI programs and summarized on the Federal ES-202 report.
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 the tax return-based capital consumption allowance and the estimate of capital consumption based on the use of uniform service lives, straight-line depreciation, and 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 proprietors' income and to rental income of persons.

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

County.—See **Geographic units.**

Disclosure prevention.—In the context of the regional personal income estimates, disclosure prevention 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 are not included in personal income and are therefore 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 legal entity that serves as the administrator or trustee of an estate or 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. Estimates for Alaska and Hawaii, which are available for 1950 forward, are not included in the national totals for the estimates prior to 1958. 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 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 nine Census regions. To enable the reader to compare BEA

estimates with Census data, BEA often publishes its State estimates aggregated to Census regions. For examples, see the sample tables in appendix B of volume 1.

BEA's local area estimates include all counties (and county equivalents) and all county-based metropolitan areas recognized for statistical purposes by OMB. 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. Imputations amount to less than 3 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).—This adjustment is the difference between inventory change valued at acquisition cost, which is the valuation used by most businesses, and inventory change 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 in inventory cost \$5,000 when it was purchased and would cost \$6,000 to replace at the time it was sold, 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 for which operating costs usually are more than one-half covered 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) 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 the individual income tax return on IRS Schedule E (Supplemental Income Schedule) 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 miscellaneous 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 insurance; government retirement; and veterans life 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, it 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, 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 group health insurance, group life insurance, workers' compensation, and supplemental unemployment. 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 payments consist of personal tax payments (net of refunds) that are not chargeable to business expense, and certain other personal payments to government that it is convenient to treat like taxes. Personal taxes include income, estate and gift, and personal property taxes. (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 passport fees, fines and penalties, donations, and tuition and fees paid to schools and hospitals operated mainly by government. These payments do not include payments to government enterprises nor personal contributions for social insurance.

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 county 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 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; the Census Bureau includes 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.

In the case of quasi-individuals, a nonprofit institution is considered a resident of the county in which it is located. The income received by private noninsured welfare funds and private trust funds is received on behalf of individuals and 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, holiday shopping, and tax payments—that normally occur at about the same time and in about the same magnitude each year. This adjustment, which is made on the basis of historical experience, facilitates measurement and analysis of cyclical and other short-term movements.

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 divisions (e.g., manufacturing); major groups, or 2-digit levels (e.g., food and kindred products); 3-digit levels (e.g., meat products); and 4-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**.

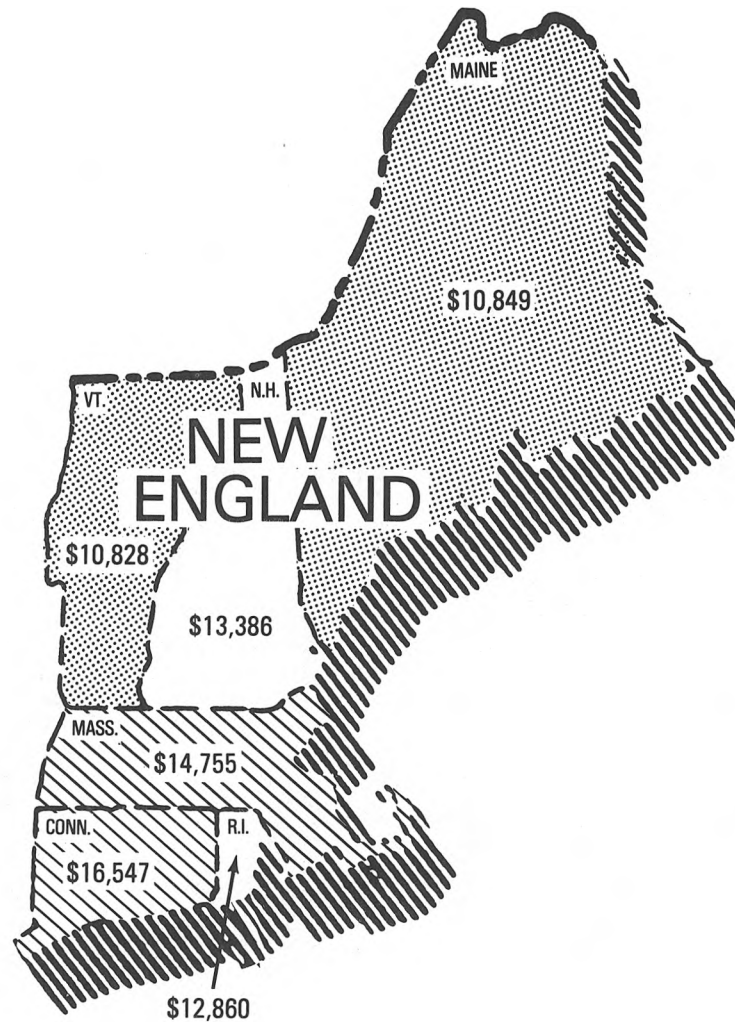
State.—See **Geographic units**.

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. They include payments by government and business to individuals and nonprofit institutions.

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. It consists of disbursements, and wage accruals less disbursements. Wage and salary disbursements, which is the form in which this income is included in personal income, are wages and salaries as just defined except that wages are counted when paid rather than when earned.

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

Per Capita Personal Income, 1984



UNITED STATES \$12,772

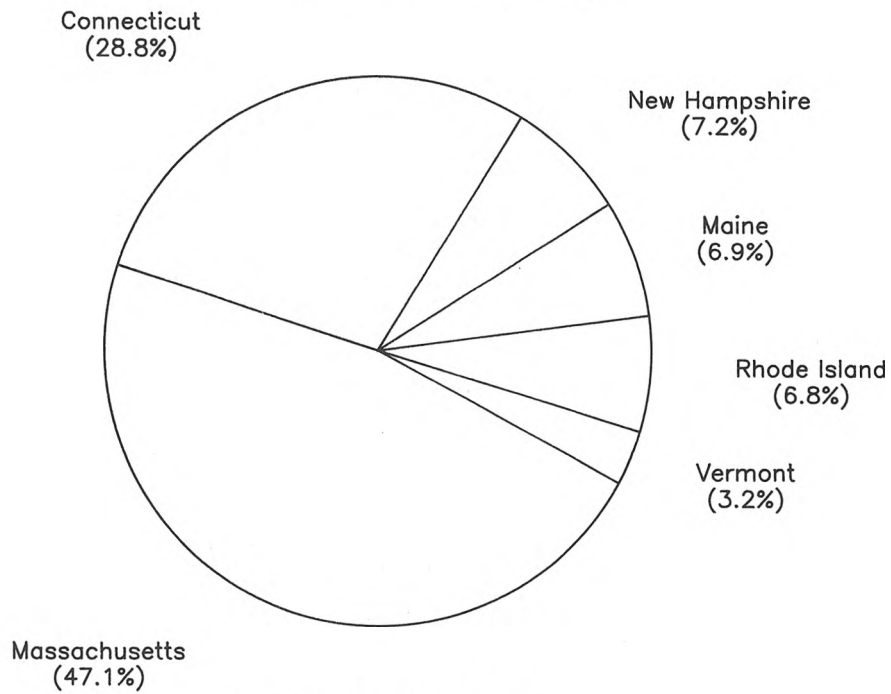
New England Region \$14,429

 **\$14,000-\$16,999**

 **\$12,000-\$13,999**

 **\$10,000-\$11,999**

**Total Personal Income 1984
Percent of Region Total: New England**



**Total Personal Income
Percent Change 1979-84**

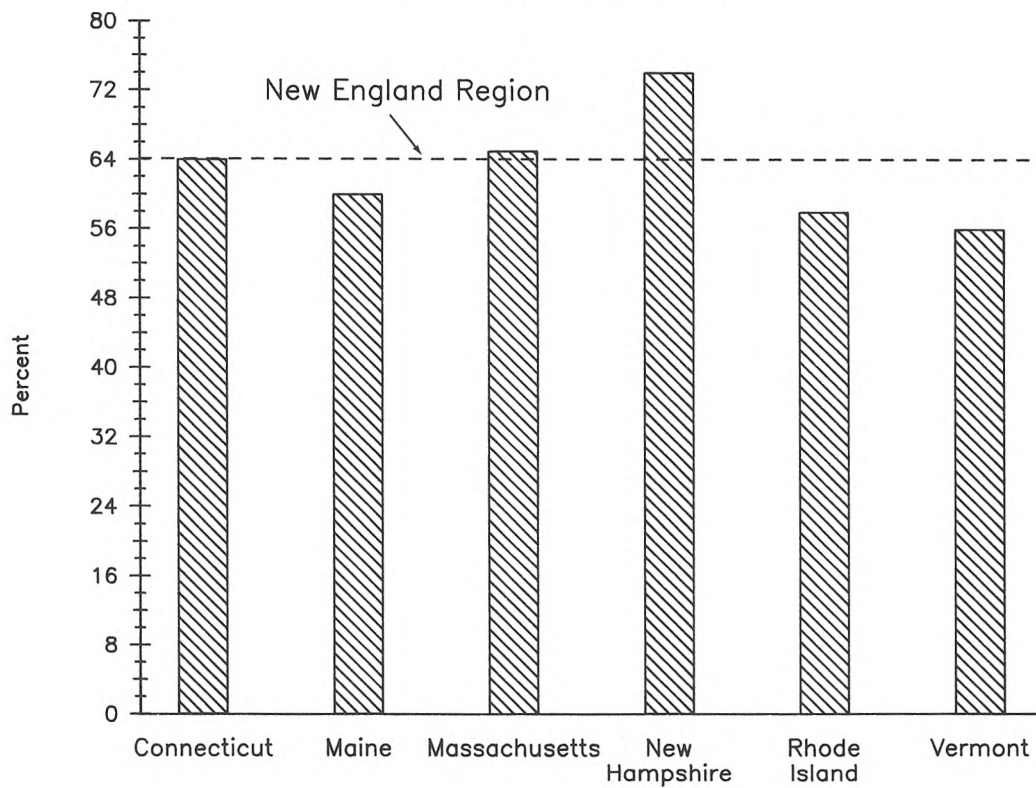


Table 1.—Personal Income for the United States and New England Region, 1979–84

[Thousands of dollars]

	United States					
	1979	1980	1981	1982	1983	1984
Income by Place of Residence						
Total personal income	1,942,655,000	2,156,715,000	2,420,098,000	2,575,793,000	2,733,579,000	3,016,317,000
Nonfarm personal income	1,903,859,000	2,127,320,000	2,381,306,000	2,543,584,000	2,710,089,000	2,976,853,000
Farm income	38,796,000	29,395,000	38,792,000	32,209,000	23,490,000	39,464,000
Population (thousands)	224,568.5	227,156.5	229,518.0	231,784.4	234,021.9	236,157.6
Per capita personal income (dollars)	8,651	9,494	10,544	11,113	11,681	12,772
Derivation of total personal income						
Total earnings by place of work	1,476,197,000	1,593,650,000	1,748,922,000	1,826,618,000	1,943,404,000	2,158,101,000
Less: Personal contributions for social insurance ^a	80,769,000	88,307,000	104,083,000	110,886,000	119,144,000	131,987,000
Plus: Adjustment for residence ^b	-426,000	-488,000	-487,000	-559,000	-554,000	-510,000
Equals: Net earnings by place of residence	1,395,002,000	1,504,855,000	1,644,352,000	1,715,173,000	1,823,706,000	2,025,604,000
Plus: Dividends, interest, and rent ^c	297,393,000	354,290,000	438,496,000	484,568,000	504,905,000	573,988,000
Plus: Transfer payments	250,260,000	297,570,000	337,250,000	376,052,000	404,968,000	416,725,000
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	1,233,296,000	1,351,649,000	1,487,761,000	1,562,108,000	1,651,178,000	1,809,484,000
Other labor income	114,863,000	127,943,000	139,886,000	155,451,000	172,968,000	195,540,000
Proprietors' income ^d	128,038,000	114,058,000	121,275,000	109,059,000	119,258,000	153,077,000
Farm	28,682,000	18,424,000	27,625,000	19,824,000	11,316,000	26,845,000
Nonfarm	99,356,000	95,634,000	93,650,000	89,235,000	107,942,000	126,232,000
Earnings by industry:						
Farm	38,796,000	29,395,000	38,792,000	32,209,000	23,490,000	39,464,000
Nonfarm	1,437,401,000	1,564,255,000	1,710,130,000	1,794,409,000	1,919,914,000	2,118,637,000
Private	1,199,273,000	1,301,600,000	1,422,753,000	1,484,607,000	1,589,402,000	1,765,158,000
Agricultural services, forestry, fisheries, and other ^e	6,104,000	6,429,000	7,218,000	7,586,000	8,241,000	9,111,000
Mining	24,049,000	28,593,000	35,358,000	38,125,000	32,282,000	34,753,000
Construction	91,836,000	94,633,000	97,559,000	96,414,000	102,591,000	116,946,000
Manufacturing	386,589,000	412,134,000	446,634,000	443,589,000	462,896,000	513,341,000
Nonurable goods	134,849,000	145,826,000	158,119,000	163,950,000	173,946,000	187,494,000
Durable goods	251,740,000	266,308,000	288,515,000	279,639,000	288,950,000	325,847,000
Transportation and public utilities	113,390,000	123,758,000	134,878,000	143,677,000	151,561,000	162,708,000
Wholesale trade	98,733,000	108,888,000	119,123,000	124,710,000	129,615,000	144,799,000
Retail trade	144,864,000	153,067,000	164,639,000	172,674,000	187,061,000	206,554,000
Finance, insurance, and real estate	84,825,000	92,627,000	100,135,000	107,367,000	124,426,000	139,177,000
Services	248,883,000	281,471,000	317,209,000	350,465,000	390,729,000	437,769,000
Government and government enterprises	238,128,000	262,655,000	287,377,000	309,802,000	330,512,000	353,479,000
Federal, civilian	56,559,000	62,032,000	67,465,000	70,351,000	74,862,000	79,623,000
Military	21,563,000	23,859,000	28,393,000	32,213,000	34,528,000	36,825,000
State and local	160,006,000	176,764,000	191,519,000	207,238,000	221,122,000	237,031,000

	New England					
	1979	1980	1981	1982	1983	1984
Income by Place of Residence						
Total personal income	110,591,979	124,032,502	139,117,822	150,785,852	163,086,195	181,464,091
Nonfarm personal income	110,107,008	123,612,617	138,583,142	150,213,565	162,563,075	180,860,522
Farm income	484,971	419,885	534,680	572,287	523,120	603,569
Population (thousands) ^f	12,345.3	12,367.3	12,416.8	12,432.5	12,485.6	12,576.7
Per capita personal income (dollars)	8,958	10,029	11,204	12,128	13,062	14,429
Derivation of total personal income						
Total earnings by place of work	81,083,530	89,534,337	98,006,030	105,047,021	115,180,392	129,251,353
Less: Personal contributions for social insurance ^a	4,362,236	4,913,585	5,737,252	6,195,934	6,825,681	7,664,952
Plus: Adjustment for residence	1,583,093	1,600,862	1,767,861	1,992,998	2,290,418	2,363,060
Equals: Net earnings by place of residence	78,304,387	86,221,614	94,036,639	100,844,085	110,645,129	123,949,461
Plus: Dividends, interest, and rent ^c	17,671,992	20,992,665	25,842,763	28,788,260	29,873,146	34,009,494
Plus: Transfer payments	14,615,600	16,818,223	19,238,420	21,153,507	22,567,920	23,505,136
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	68,817,418	76,475,285	83,809,571	89,774,114	97,179,062	108,510,452
Other labor income	6,650,379	7,598,493	8,491,032	9,621,351	10,959,777	12,487,872
Proprietors' income ^d	5,615,733	5,460,559	5,705,427	5,651,556	7,041,553	8,253,029
Farm	247,459	161,895	277,611	283,356	239,782	309,804
Nonfarm	5,368,274	5,298,664	5,427,816	5,368,200	6,801,771	7,943,225
Earnings by industry:						
Farm	484,971	419,885	534,680	572,287	523,120	603,569
Nonfarm	80,598,559	89,114,452	97,471,350	104,474,734	114,657,272	128,647,784
Private	68,974,171	76,479,210	84,046,172	90,276,883	99,391,671	112,144,895
Agricultural services, forestry, fisheries, and other ^e	348,689	364,617	383,890	400,394	484,481	533,496
Mining	97,376	116,896	148,569	126,561	114,699	120,952
Construction	3,831,794	4,063,270	4,385,563	4,766,248	5,566,501	6,527,250
Manufacturing	25,864,844	28,965,866	31,604,271	32,713,309	34,625,428	38,860,386
Nonurable goods	7,605,962	8,275,147	8,953,431	9,487,132	10,106,341	11,001,309
Durable goods	18,258,882	20,690,719	22,650,840	23,226,177	24,519,087	27,859,077
Transportation and public utilities	4,860,345	5,329,158	5,761,697	6,223,818	6,763,536	7,287,217
Wholesale trade	5,106,516	5,732,270	6,214,944	6,564,194	7,155,206	8,191,949
Retail trade	7,852,971	8,383,379	9,067,861	9,635,248	10,841,239	12,350,182
Finance, insurance, and real estate	5,203,981	5,789,617	6,450,451	7,163,749	8,216,534	9,311,642
Services	15,807,655	17,734,137	20,028,926	22,683,362	25,624,047	28,961,821
Government and government enterprises	11,624,388	12,635,242	13,425,178	14,197,851	15,265,601	16,502,889
Federal, civilian	2,262,849	2,432,986	2,681,485	2,806,928	2,961,931	3,174,677
Military	753,314	827,625	973,756	1,060,259	1,140,870	1,219,774
State and local	8,608,225	9,374,631	9,769,937	10,330,664	11,162,800	12,108,438

LOCAL AREA PERSONAL INCOME

NEW ENGLAND

Table 1.—Personal Income for the United States and New England Region, 1979–84—Continued

[Thousands of dollars]

	New England (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984
Income by Place of Residence						
Total personal income	95,697,074	107,364,104	120,270,402	130,426,715	141,218,596	157,236,994
Nonfarm personal income	95,468,420	107,145,361	120,022,444	130,150,803	140,937,079	156,912,685
Farm income	228,654	218,743	247,958	275,912	281,517	324,309
Population (thousands)	10,364.1	10,374.2	10,408.3	10,410.9	10,447.3	10,514.5
Per capita personal income (dollars)	9,234	10,349	11,555	12,528	13,517	14,954
Derivation of total personal income						
Total earnings by place of work	71,484,873	79,069,816	86,519,665	92,922,749	102,039,056	114,619,319
Less: Personal contributions for social insurance ^a	3,829,073	4,318,341	5,041,456	5,455,995	6,025,718	6,772,051
Plus: Adjustment for residence	729,279	662,886	750,399	846,514	1,020,279	903,771
Equals: Net earnings by place of residence	68,385,079	75,414,361	82,228,608	88,313,268	97,033,617	108,751,039
Plus: Dividends, interest, and rent ^b	15,013,916	17,844,166	21,947,634	24,452,279	25,321,911	28,831,384
Plus: Transfer payments	12,298,079	14,105,577	16,094,160	17,661,168	18,863,068	19,654,571
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	61,034,206	67,866,969	74,374,619	79,763,670	86,468,586	96,687,980
Other labor income	5,899,200	6,743,712	7,527,310	8,535,990	9,721,183	11,077,166
Proprietors' income ^c	4,551,467	4,459,135	4,617,736	4,623,089	5,849,287	6,854,173
Farm	86,187	63,309	94,033	103,560	112,723	149,618
Nonfarm	4,465,280	4,395,826	4,523,703	4,519,529	5,736,564	6,704,555
Earnings by industry:						
Farm	228,654	218,743	247,958	275,912	281,517	324,309
Nonfarm	71,256,219	78,851,073	86,271,707	92,646,837	101,757,539	114,295,010
Private	61,367,342	68,129,399	74,952,713	80,708,356	88,903,893	100,384,920
Agricultural services, forestry, fisheries, and other ^d	(D)	(D)	(D)	(D)	(D)	(D)
Mining	72,414*	94,786*	(D)	105,870*	92,665*	(D)
Construction	(D)	3,282,098*	3,595,690*	4,090,941*	4,808,898	5,601,319
Manufacturing	23,009,741	25,810,600	28,133,760	29,183,626	30,879,799	34,705,404
Nondurable goods	6,460,381	7,034,618	7,591,516	8,060,291	8,579,697	9,385,392
Durable goods	16,549,360	18,775,982	20,542,244	21,123,335	22,300,102	25,320,012
Transportation and public utilities	(D)	4,361,213*	(D)	5,596,914*	6,118,660*	6,579,411*
Wholesale trade	4,574,816*	5,295,106*	5,590,665*	6,088,468	6,644,601	7,636,053
Retail trade	6,774,062	(D)	7,806,202	8,285,759	9,334,284	10,658,920
Finance, insurance, and real estate	4,726,684*	(D)	(D)	6,670,560*	7,658,162*	8,669,851*
Services	14,065,283*	(D)	(D)	20,246,342*	22,912,297*	25,926,327*
Government and government enterprises	9,888,877	10,721,674	11,318,994	11,938,481	12,853,646	13,910,090
Federal, civilian	1,811,919	2,130,609	2,130,609	2,216,012	2,330,847	2,511,079
Military	569,997	619,826	716,245	784,677	865,376	935,942
State and local	7,506,961	8,151,424	8,472,140	8,937,792	9,657,423	10,463,069

	New England (Nonmetropolitan portion)					
	1979	1980	1981	1982	1983	1984
Income by Place of Residence						
Total personal income	14,894,905	16,668,398	18,847,420	20,359,137	21,867,599	24,227,097
Nonfarm personal income	14,638,588	16,467,256	18,560,698	20,062,762	21,625,996	23,947,837
Farm income	256,317	201,142	286,722	296,375	241,603	279,260
Population (thousands)	1,981.2	1,993.1	2,008.6	2,021.6	2,038.3	2,062.2
Per capita personal income (dollars)	7,518	8,363	9,384	10,071	10,728	11,748
Derivation of total personal income						
Total earnings by place of work	9,598,657	10,464,521	11,486,365	12,124,272	13,141,336	14,632,034
Less: Personal contributions for social insurance ^a	533,163	595,244	695,796	739,939	799,963	892,901
Plus: Adjustment for residence	853,814	937,976	1,017,462	1,146,484	1,270,139	1,459,289
Equals: Net earnings by place of residence	9,919,308	10,807,253	11,808,031	12,530,817	13,611,512	15,198,422
Plus: Dividends, interest, and rent ^b	2,658,076	3,148,499	3,148,499	3,895,129	4,551,235	5,178,110
Plus: Transfer payments	2,317,521	2,712,646	3,144,260	3,492,339	3,704,852	3,850,565
Earnings by Place of Work						
Earnings by type:						
Wages and salaries	7,783,212	8,608,316	9,434,952	10,010,444	10,710,476	11,822,472
Other labor income	751,179	854,781	963,722	1,085,361	1,238,594	1,410,706
Proprietors' income ^c	1,064,266	1,001,424	1,087,691	1,028,467	1,192,266	1,398,856
Farm	161,272	98,586	183,578	179,796	127,059	160,186
Nonfarm	902,994	902,838	904,113	848,671	1,065,207	1,238,670
Earnings by industry:						
Farm	256,317	201,142	286,722	296,375	241,603	279,260
Nonfarm	9,342,340	10,263,379	11,199,643	11,827,897	12,899,733	14,352,774
Private	7,606,829	8,349,811	9,093,459	9,568,527	10,487,778	11,759,975
Agricultural services, forestry, fisheries, and other ^d	(D)	(D)	(D)	(D)	(D)	(D)
Mining	(D)	(D)	(D)	(D)	(D)	(D)
Construction	590,006*	601,885*	593,118*	600,943*	757,603	925,931
Manufacturing	2,855,103	3,155,266	3,470,511	3,529,683	3,745,629	4,154,982
Nondurable goods	1,121,370*	1,214,225*	1,332,172*	1,394,008*	1,490,843*	1,578,015*
Durable goods	1,649,629*	1,846,878*	2,036,789*	2,033,834*	2,146,164*	2,461,321*
Transportation and public utilities	441,447*	(D)	568,612*	(D)	629,912*	689,826*
Wholesale trade	376,000*	414,663*	450,841*	464,852*	499,844*	544,091*
Retail trade	1,078,909	(D)	1,261,659	1,349,489	1,506,955	1,691,262
Finance, insurance, and real estate	351,300*	372,593*	376,151*	406,019*	460,014*	528,565*
Services	1,657,533*	1,754,682*	2,183,754*	2,435,289*	2,709,652*	3,033,114*
Government and government enterprises	1,735,511	1,913,568	2,106,184	2,259,370	2,411,955	2,592,799
Federal, civilian	450,930	482,562	550,876	590,916	631,084	663,598
Military	183,317	207,799	257,511	275,582	275,494	283,832
State and local	1,101,264	1,223,207	1,297,797	1,392,872	1,505,377	1,645,369

See footnotes at end of tables

Table 2.—Twenty Highest and Lowest Per Capita Personal Incomes for Counties in the New England Region, 1984

[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
Fairfield, Connecticut	20,456	160.2	Waldo, Maine	8,275	64.8
Norfolk, Massachusetts	18,107	141.8	Orleans, Vermont	8,279	64.8
Middlesex, Massachusetts	17,292	135.4	Essex, Vermont	8,454	66.2
Nantucket, Massachusetts	16,309	127.7	Washington, Maine	8,735	68.4
Hartford, Connecticut	16,209	126.9	Franklin, Maine	8,983	70.3
Middlesex, Connecticut	15,657	122.6	Aroostook, Maine	9,049	70.9
Essex, Massachusetts	15,518	121.5	Orange, Vermont	9,147	71.6
Barnstable, Massachusetts	15,379	120.4	Addison, Vermont	9,208	72.1
Litchfield, Connecticut	15,244	119.4	Piscataquis, Maine	9,215	72.2
New Haven, Connecticut	14,677	114.9	Caledonia, Vermont	9,238	72.3
Rockingham, New Hampshire	14,604	114.3	Somerset, Maine	9,372	73.4
New London, Connecticut	14,554	114.0	Oxford, Maine	9,740	76.3
Bristol, Rhode Island	14,515	113.6	Franklin, Vermont	9,814	76.8
Hillsborough, New Hampshire	14,379	112.6	Lamoille, Vermont	10,247	80.2
Tolland, Connecticut	14,276	111.8	Penobscot, Maine	10,486	82.1
Kent, Rhode Island	13,725	107.5	Androscoggin, Maine	10,747	84.1
Plymouth, Massachusetts	13,501	105.7	York, Maine	10,751	84.2
Washington, Rhode Island	13,277	104.0	Knox, Maine	10,826	84.8
Merrimack, New Hampshire	13,227	103.6	Hancock, Maine	10,900	85.3
Newport, Rhode Island	13,177	103.2	Coos, New Hampshire	11,102	86.9

Table 3.—Total and Per Capita Personal Income and Population for States in the New England Region, 1979–84

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
	1979	1984		1979	1984		1979	1984	1979	1984	
United States	1,942,655	3,016,317	55.3	8,651	12,772	47.6	100.0	100.0	224,569	236,158	5.2
Metropolitan portion	1,566,953	2,452,498	56.5	9,164	13,603	48.4	105.9	106.5	170,991	180,292	5.4
Nonmetropolitan portion	375,702	563,819	50.1	7,012	10,092	43.9	81.1	79.0	53,578	55,866	4.3
New England region	110,592	181,464	64.1	8,958	14,429	61.1	103.5	113.0	12,345	12,577	1.9
Metropolitan portion	95,697	157,237	64.3	9,234	14,954	61.9	106.7	117.1	10,364	10,515	1.5
Nonmetropolitan portion	14,895	24,227	62.7	7,518	11,748	56.3	86.9	92.0	1,981	2,062	4.1
Connecticut	31,916	52,194	63.5	10,296	16,547	60.7	119.0	129.6	3,100	3,154	1.8
Maine	7,833	12,547	60.2	6,963	10,849	55.8	80.5	84.9	1,125	1,157	2.8
Massachusetts	51,796	85,543	65.2	9,014	14,755	63.7	104.2	115.5	5,746	5,798	.9
New Hampshire	7,528	13,075	73.7	8,255	13,386	62.2	95.4	104.8	912	977	7.1
Rhode Island	7,844	12,369	57.7	8,200	12,860	56.8	94.8	100.7	957	962	.6
Vermont	3,674	5,736	56.1	7,266	10,828	49.0	84.0	84.8	506	530	4.8

LOCAL AREA PERSONAL INCOME

METROPOLITAN AREAS

Table 4.—Personal Income for Metropolitan Areas of the New England Region, 1979–84

(Thousands of dollars)

	Bangor, ME (NECMA)						Boston—Lawrence—Salem—Lowell—Brockton, MA (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	939,219	1,037,272	1,151,768	1,224,252	1,321,450	1,451,501	35,107,008	39,405,410	44,244,820	48,231,428	52,666,752	58,876,016
Nonfarm personal income.....	930,371	1,033,111	1,138,346	1,214,708	1,312,780	1,441,287	35,061,105	39,359,339	44,195,003	48,176,543	52,605,057	58,800,474
Farm income.....	8,848	4,161	13,422	9,544	8,670	10,214	45,903	46,071	49,817	54,885	61,695	75,542
Population (thousands)*.....	137.2	137.1	137.5	137.7	137.8	138.4	3,670.3	3,665.2	3,673.0	3,669.3	3,679.0	3,695.4
Per capita personal income (dollars).....	6,848	7,567	8,376	8,894	9,591	10,486	9,565	10,751	12,046	13,145	14,316	15,932
Derivation of total personal income:												
Total earnings by place of work.....	731,071	794,760	861,320	902,226	989,695	1,096,641	27,654,098	30,826,059	33,989,971	36,891,626	40,969,046	46,324,706
Less: Personal contributions for social insurance ^a	40,828	44,998	51,543	54,346	59,465	65,837	1,429,774	1,637,350	1,920,546	2,096,456	2,343,169	2,650,756
Plus: Adjustment for residence.....	-13,437	-20,150	-19,680	-20,934	-26,958	-30,074	-1,265,526	-1,513,686	-1,715,506	-1,903,325	-2,167,090	-2,582,727
Equals: Net earnings by place of residence.....	676,806	729,612	790,097	826,946	903,272	1,000,730	24,958,798	27,675,023	30,353,919	32,891,845	36,458,787	41,091,223
Plus: Dividends, interest, and rent ^a	108,328	127,402	159,152	175,635	180,421	204,720	5,512,178	6,469,283	7,931,566	8,863,484	9,282,280	10,576,197
Plus: Transfer payments.....	154,085	180,258	202,519	221,671	237,757	246,051	4,636,032	5,261,104	5,959,335	6,476,099	6,925,685	7,208,596
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	610,037	672,337	718,710	751,187	813,428	892,416	23,845,212	26,716,793	29,488,372	31,884,536	34,929,891	39,317,701
Other labor income.....	61,246	69,294	76,797	87,022	102,344	117,514	2,131,759	2,447,249	2,750,274	3,172,866	3,686,515	4,240,131
Proprietors' income ^b	59,788	53,129	65,813	64,017	73,923	86,711	1,677,127	1,662,017	1,751,325	1,834,224	2,352,640	2,766,874
Farm.....	6,118	1,326	10,555	6,306	5,487	6,915	14,313	11,426	15,750	17,183	24,499	37,026
Nonfarm.....	53,670	51,803	55,258	57,711	68,436	79,796	1,662,814	1,650,591	1,735,575	1,817,041	2,328,141	2,729,848
Earnings by industry:												
Farm.....	8,848	4,161	13,422	9,544	8,670	10,214	45,903	46,071	49,817	54,885	61,695	75,542
Nonfarm.....	722,223	790,599	847,898	892,682	981,025	1,086,427	27,608,195	30,779,988	33,940,154	36,836,741	40,907,351	46,249,164
Private.....	591,718	645,934	695,111	729,638	804,917	897,552	23,336,752	26,180,222	29,147,711	31,906,710	35,623,302	40,614,244
Agricultural services, forestry, fisheries, and other ^a	3,066	4,591	5,002	5,236	4,921	4,715	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	1,442	1,550	1,395	1,493	1,063	777	(D)	12,856	(D)	16,895	17,245	20,141
Construction.....	42,124	43,112	34,898	34,605	41,875	52,363	1,112,730	1,209,797	1,356,383	1,498,853	1,684,248	2,034,805
Manufacturing.....	222,904	248,516	274,381	278,511	304,519	337,713	7,153,824	8,208,992	9,091,689	9,650,934	10,482,882	12,072,990
Nondurable goods.....	170,786	193,776	213,740	221,062	245,355	266,964	2,022,302	2,192,889	2,327,441	2,471,719	2,568,839	2,841,010
Durable goods.....	52,118	54,740	60,641	57,449	59,164	70,749	5,131,522	6,016,103	6,764,248	7,179,215	7,914,043	9,231,980
Transportation and public utilities.....	52,727	60,885	68,272	72,326	83,111	91,202	1,911,047	(D)	(D)	2,461,312	2,692,620	2,824,950
Wholesale trade.....	41,441	44,381	46,358	48,373	49,917	55,592	1,936,471	2,205,333	2,356,964	2,495,487	2,807,714	3,304,003
Retail trade.....	85,939	87,467	92,845	97,126	106,578	119,522	2,576,995	(D)	2,978,608	3,189,927	3,629,330	4,199,791
Finance, insurance, and real estate.....	26,332	26,583	25,688	28,081	30,308	34,090	1,953,250	(D)	(D)	2,697,753*	3,121,844*	3,536,169*
Services.....	115,743	128,849	146,272	163,887	182,625	201,578	6,595,986	(D)	(D)	9,719,492	10,984,636	12,389,813
Government and government enterprises.....	130,505	144,665	152,787	163,044	176,108	188,875	4,271,443	4,599,766	4,792,443	4,930,031	5,284,049	5,634,920
Federal, civilian.....	22,714	25,589	25,475	25,839	26,514	28,034	909,416	979,498	1,059,916	1,090,414	1,146,138	1,218,107
Military.....	2,497	2,890	3,238	3,442	3,840	4,010	203,192	217,221	259,530	273,773	303,336	316,345
State and local.....	105,294	116,186	124,074	133,763	145,754	156,831	3,158,835	3,403,047	3,472,997	3,565,844	3,834,575	4,100,468
Bridgeport—Stamford—Norwalk—Danbury, CT (NECMA)												
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	10,141,404	11,403,979	12,876,121	13,990,701	15,086,276	16,694,928	929,175	1,048,944	1,209,833	1,293,647	1,387,047	1,519,491
Nonfarm personal income.....	10,134,001	11,396,931	12,868,707	13,981,326	15,076,618	16,684,312	913,647	1,034,851	1,195,697	1,277,277	1,373,993	1,506,528
Farm income.....	7,403	7,048	7,414	9,375	9,658	10,616	15,528	13,193	14,136	16,370	13,054	12,963
Population (thousands)*.....	802.7	809.1	813.1	811.2	812.9	816.1	117.5	120.5	122.0	123.2	124.5	126.2
Per capita personal income (dollars).....	12,635	14,095	15,835	17,247	18,560	20,456	7,906	8,697	9,915	10,503	11,139	12,039
Derivation of total personal income:												
Total earnings by place of work.....	6,621,339	7,520,988	8,380,468	9,059,731	9,790,776	10,991,352	817,803	904,823	1,030,012	1,116,340	1,215,197	1,334,617
Less: Personal contributions for social insurance ^a	352,365	406,235	487,070	533,039	578,259	650,219	45,771	51,678	65,286	68,244	72,273	79,476
Plus: Adjustment for residence.....	1,070,849	1,002,376	1,072,843	1,197,952	1,453,473	1,450,315	-73,223	-78,650	-94,731	-114,791	-125,625	-135,910
Equals: Net earnings by place of residence.....	7,339,823	8,117,129	8,966,241	9,724,644	10,665,990	11,791,448	698,809	774,495	869,995	933,305	1,017,299	1,119,231
Plus: Dividends, interest, and rent ^a	1,983,581	2,338,884	2,822,486	3,057,386	3,131,121	3,550,499	126,751	151,021	188,052	198,437	214,015	240,881
Plus: Transfer payments.....	818,000	947,966	1,087,394	1,208,671	1,289,165	1,352,981	103,615	122,528	151,786	161,905	155,733	159,379
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	5,481,104	6,311,782	7,089,506	7,701,283	8,205,492	9,185,016	693,418	772,838	880,967	964,851	1,042,934	1,141,470
Other labor income.....	536,720	634,801	730,283	831,619	914,847	1,019,624	62,596	72,584	85,649	99,140	113,510	126,578
Proprietors' income ^b	603,515	574,405	560,679	526,829	670,437	786,712	61,789	59,401	63,396	52,349	58,753	66,569
Farm.....	4,584	3,875	4,175	5,713	6,084	6,893	11,598	8,881	9,909	11,492	8,304	8,049
Nonfarm.....	598,931	570,530	556,504	521,116	664,353	779,819	50,191	50,520	53,487	40,857	50,449	58,520
Earnings by industry:												
Farm.....	7,403	7,048	7,414	9,375	9,658	10,616	15,528	13,193	14,136	16,370	13,054	12,963
Nonfarm.....	6,613,936	7,513,940	8,373,054	9,050,356	9,781,118	10,980,736	802,275	891,630	1,015,876	1,099,970	1,202,143	1,321,654
Private.....	6,077,534	6,906,019	7,732,286	8,369,528	9,051,761	10,178,596	676,863	756,048	866,910	939,344	1,028,905	1,133,794
Agricultural services, forestry, fisheries, and other ^a	25,895	32,253	35,754	39,086	43,420	48,420	1,585*	1,688*	(D)	(D)	2,456*	2,776*
Mining.....	36,654	55,452	82,763	53,561	41,069	38,401	666	410	(D)	(D)	639	601
Construction.....	(D)	318,629	342,897	347,641	411,246	471,577	53,656*	59,568*	67,384*	61,372*	74,761	81,411
Manufacturing.....	2,601,241	3,005,001	3,443,877	3,703,899	3,863,990	4,180,174	281,674	321,992	379,460	425,003	446,294	482,709
Nondurable goods.....	625,496	742,951	899,042	1,066,971	1,150,234	1,228,750	23,102	25,795	31,270	33,708	35,855	38,738
Durable goods.....	1,975,745	2,262,050	2,544,835	2,636,928	2,713,756	2,951,424	258,572	296,197	348,190	391,295	410,439	443,971
Transportation and public utilities.....	(D)	330,918	364,676	383,414	417,762	476,376	46,849*	52,027	56,345	59,529	66,298*	74,588*
Wholesale trade.....	522,422	613,122	677,797	757,445	748,940	856,846	42,616	46,056	50,132	50,875	54,455	61,574
Retail trade.....	597,674	668,522	731,571	765,474	845,462	956,131	79,409	83,427	95,924	103,894	115,779	130,916
Finance, insurance, and real estate.....	376,010	405,535	442,202	481,095	599,161	703,970	36,341	41,280	40			

Table 4.—Personal Income for Metropolitan Areas of the New England Region, 1979–84—Continued

[Thousands of dollars]

	Hartford—New Britain—Middletown—Bristol, CT (NECMA)						Lewiston—Auburn, ME (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	10,403,796	11,836,306	13,206,782	14,309,284	15,299,289	17,026,309	691,932	769,245	845,276	916,984	980,400	1,074,735
Nonfarm personal income.....	10,364,818	11,795,298	13,164,528	14,264,757	15,257,245	16,981,493	678,290	755,333	833,530	901,039	964,785	1,055,863
Farm income.....	38,978	41,008	42,254	44,527	42,044	44,816	13,642	13,912	11,746	15,945	15,615	18,872
Population (thousands) ¹	1,048.3	1,053.8	1,053.9	1,058.5	1,063.9	1,069.2	99.7	99.8	99.8	99.7	99.7	100.0
Per capita personal income (dollars).....	9,924	11,232	12,531	13,518	14,381	15,925	6,943	7,707	8,470	9,199	9,830	10,747
Derivation of total personal income:												
Total earnings by place of work.....	8,624,097	9,676,421	10,510,286	11,231,221	12,160,138	13,592,841	473,267	513,443	539,594	562,121	612,422	676,737
Less: Personal contributions for social insurance ²	453,041	511,923	598,235	643,694	700,797	781,223	26,401	28,911	32,835	34,273	37,298	41,151
Plus: Adjustment for residence.....	-553,600	-641,348	-692,026	-758,670	-814,829	-929,732	45,379	49,937	59,707	78,157	79,960	87,357
Equals: Net earnings by place of residence.....	7,617,456	8,523,150	9,220,025	9,828,857	10,644,512	11,881,886	492,245	534,469	566,466	606,005	655,084	722,943
Plus: Dividends, interest, and rent ⁴	1,679,590	2,031,549	2,499,416	2,825,166	2,874,536	3,269,953	87,613	103,797	129,773	147,562	149,287	169,408
Plus: Transfer payments.....	1,106,750	1,281,607	1,487,341	1,655,261	1,780,241	1,874,470	112,074	130,979	149,037	163,417	176,029	182,384
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	7,413,664	8,351,416	9,075,178	9,731,000	10,444,673	11,635,935	395,415	430,237	450,728	464,423	498,421	542,900
Other labor income.....	768,529	896,367	988,382	1,099,600	1,217,100	1,374,137	42,403	47,794	52,452	57,860	66,552	75,652
Proprietors' income ⁵	441,904	428,638	446,726	400,621	498,365	582,769	35,449	35,412	36,414	39,838	47,449	58,185
Farm.....	8,416	7,236	8,857	6,357	5,267	6,755	522	367	-1,815	651	751	3,488
Nonfarm.....	433,488	421,402	437,869	394,264	493,098	576,014	34,927	35,045	38,229	39,187	46,698	54,697
Earnings by industry:												
Farm.....	38,978	41,008	42,254	44,527	42,044	44,816	13,642	13,912	11,746	15,945	15,615	18,872
Nonfarm.....	8,585,119	9,635,413	10,468,032	11,186,694	12,118,094	13,548,025	459,625	499,531	527,848	546,176	596,807	657,865
Private.....	7,556,461	8,508,175	9,271,601	9,865,412	10,659,255	11,905,237	414,737	452,374	477,680	491,616	538,564	594,066
Agricultural services, forestry, fisheries, and other ⁶	(D)	25,353	(D)	31,959	32,626*	41,662	(D)	1,543	2,092	2,042	(D)	(D)
Mining.....	(D)	8,208	(D)	7,518	7,142*	9,498	(L)	(L)	(L)	(L)	(D)	(D)
Construction.....	(D)	392,881	410,981	421,327	501,202	605,552	30,349	33,906	30,850	29,728	33,415	39,990
Manufacturing.....	3,059,573	3,503,538	3,696,918	3,708,550	3,755,622	4,118,683	156,145	170,801	182,970	179,802	197,715	212,965
Nondurable goods.....	412,549	465,068	501,856	560,700	563,921	604,696	118,731	129,665	138,279	138,437	152,173	158,199
Durable goods.....	2,647,024	3,038,470	3,195,062	3,147,850	3,191,701	3,513,987	37,414	41,136	44,691	41,365	45,542	54,766
Transportation and public utilities.....	(D)	431,835	473,602	516,802	569,473	653,068	(D)	26,368	26,942	26,457	29,049	32,376
Wholesale trade.....	565,715	625,662	717,285	740,809	797,559	869,929	31,186	33,280	36,014	38,652	40,652	44,273
Retail trade.....	734,397	787,369	845,816	904,078	1,010,973	1,146,424	57,790	59,566	63,381	67,808	72,841	78,134
Finance, insurance, and real estate.....	1,104,097	1,251,577	1,454,381	1,675,328	1,858,662	2,075,438	21,698	23,446	25,054	26,718	29,461	33,635
Services.....	1,299,721	1,481,752	1,638,893	1,859,041	2,122,615	2,384,983	91,740	103,443	110,393	120,424	133,202	150,430
Government and government enterprises.....	1,028,658	1,127,238	1,196,431	1,321,282	1,458,839	1,642,788	44,888	47,157	50,168	54,560	58,243	63,799
Federal, civilian.....	147,708	163,703	178,670	192,554	201,814	220,408	6,880	6,978	7,307	7,138	7,473	7,869
Military.....	18,846	20,892	20,821	23,717	22,688	24,975	1,394	1,622	1,849	2,071	2,298	2,426
State and local.....	862,104	942,643	996,940	1,105,011	1,234,337	1,397,405	36,614	38,557	41,012	45,351	48,472	53,504

	Manchester—Nashua, NH (NECMA)						New Bedford—Fall River—Attleboro, MA (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	2,372,696	2,703,208	3,066,974	3,349,544	3,737,634	4,244,074	3,600,259	3,995,788	4,421,778	4,833,207	5,222,505	5,759,171
Nonfarm personal income.....	2,367,188	2,698,580	3,061,630	3,343,520	3,732,247	4,238,813	3,590,238	3,985,779	4,409,352	4,821,059	5,209,337	5,744,170
Farm income.....	5,508	4,628	5,344	6,024	5,387	5,261	10,021	10,009	12,426	12,148	13,168	15,001
Population (thousands) ¹	275.2	277.5	281.7	285.1	288.7	295.2	473.4	476.0	477.4	476.1	474.5	477.9
Per capita personal income (dollars).....	8,621	9,743	10,889	11,748	12,946	14,379	7,605	8,394	9,263	10,152	11,007	12,051
Derivation of total personal income:												
Total earnings by place of work.....	1,888,631	2,117,533	2,346,161	2,581,629	2,947,481	3,414,437	2,319,612	2,460,285	2,637,669	2,820,164	3,101,990	3,442,822
Less: Personal contributions for social insurance ²	107,641	122,429	146,391	163,300	186,770	216,977	121,286	132,639	151,251	162,731	180,220	200,733
Plus: Adjustment for residence.....	-2,436	2,871	9,190	-10,883	-27,019	-57,776	369,221	472,609	530,096	572,628	636,502	708,124
Equals: Net earnings by place of residence.....	1,778,554	1,997,975	2,208,960	2,407,446	2,733,692	3,139,684	2,567,547	2,800,255	3,016,514	3,230,061	3,558,272	3,950,213
Plus: Dividends, interest, and rent ⁴	339,850	407,817	513,723	566,478	600,802	687,757	443,780	522,358	644,436	763,150	771,935	881,793
Plus: Transfer payments.....	254,292	297,416	344,291	375,620	403,140	416,633	588,932	673,175	760,828	839,996	892,298	927,165
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,587,309	1,788,716	1,982,890	2,183,536	2,463,797	2,846,639	1,981,563	2,106,304	2,256,571	2,405,275	2,610,201	2,883,050
Other labor income.....	174,275	200,860	225,247	261,185	308,671	361,903	196,765	214,636	235,720	267,815	306,356	345,632
Proprietors' income ⁵	127,047	127,957	138,024	136,908	175,013	205,895	141,284	139,345	145,378	147,074	185,433	214,140
Farm.....	1,169	-159	572	761	231	-82	5,438	4,990	7,507	6,696	7,821	9,471
Nonfarm.....	125,878	128,116	137,452	136,147	174,782	205,977	135,846	134,355	137,871	140,378	177,612	204,669
Earnings by industry:												
Farm.....	5,508	4,628	5,344	6,024	5,387	5,261	10,021	10,009	12,426	12,148	13,168	15,001
Nonfarm.....	1,883,123	2,112,905	2,340,817	2,575,605	2,942,094	3,409,176	2,309,591	2,450,276	2,625,243	2,808,016	3,088,822	3,427,821
Private.....	1,698,023	1,914,180	2,131,471	2,354,099	2,698,218	3,156,814	1,992,400	2,105,881	2,265,768	2,434,206	2,689,677	3,004,301
Agricultural services, forestry, fisheries, and other ⁶	3,666	3,602	4,672	4,738	5,582	6,668	52,393	49,370	(D)	(D)	(D)	(D)
Mining.....	2,338	2,412	2,561	3,100	3,476	4,236	833	1,274	(D)	(D)	(D)	(D)
Construction.....	103,139	106,963	108,550	114,740	143,304	181,342	83,685	87,493	90,105	100,171	128,479	154,817
Manufacturing.....	719,367	830,144	928,334	1,038,153	1,183,349	1,383,797	987,374	1,029,764	1,100,372	1,159,355	1,243,961	1,392,169
Nondurable goods.....	241,108	258,811	268,248	277,368	296,851	325,313	444,230	460,103	487,599	491,628	549,816	602,205
Durable goods.....	478,259	571,333	660,086	760,785	886,498	1,058,484	543,144	569,661	612,773	667,727	694,145	789,964
Transportation and public utilities.....	149,995	165,104	178,645	200,197	218,580	230,103	101,909	113,053	116,234	128,284	139,816	144,820
Wholesale trade.....	124,355	142,871	160,324	163,968	182,910	231,515	122,654	126,472	134,438	167,267	188,233	218,233
Retail trade.....	193,028	203,786	224,059	242,761	279,343	324,898	244,388	257,164	279,406	295,386	333,175	381,939
Finance, insurance, and real estate.....	111,077	118,275	128,887	137,705	157,942	192,483	77,873	84,439	91,192	97,700	107,447	118,077
Services.....	291,058	341,023	395,439	448,737	523,732	601,772	321,291	356,852	400,903	452,432	507,948	563,106
Government and government enterprises.....	185,100	198,725	209,346	221,506	243,876	252,362	317,191	344,395	359,475	373,810	399,145	423,520
Federal, civilian.....	60,278	64,986	70,893	71,804	80,271	86,269	23,845	24,668	27,655	27,914	28,817	31,738
Military.....	4,706	5,360	5,896	7,106	7,853	8,113	11,367	12,485	16,771	17,312	19,826	20,193
State and local.....	120,116	128										

LOCAL AREA PERSONAL INCOME

METROPOLITAN AREAS

Table 4.—Personal Income for Metropolitan Areas of the New England Region, 1979–84—Continued

(Thousands of dollars)

	New Haven—Waterbury—Meriden, CT (NECMA)						New London—Norwich, CT (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	7,066,239	7,891,438	8,773,067	9,428,187	10,140,784	11,295,650	2,077,503	2,360,464	2,693,516	2,936,142	3,213,569	3,560,489
Nonfarm personal income.....	7,053,593	7,879,158	8,762,083	9,413,323	10,125,367	11,276,841	2,066,263	2,350,292	2,682,000	2,919,285	3,197,368	3,534,320
Farm income.....	12,646	12,280	10,984	14,864	15,417	18,809	11,240	10,172	11,516	16,857	16,201	26,169
Population (thousands)*.....	760.2	763.0	762.8	763.2	765.8	769.6	240.8	238.1	241.5	240.4	243.1	244.6
Per capita personal income (dollars).....	9,295	10,343	11,501	12,353	13,243	14,677	8,627	9,913	11,152	12,215	13,219	14,554
Derivation of total personal income:												
Total earnings by place of work.....	4,958,518	5,365,237	5,737,975	6,053,812	6,613,140	7,470,636	1,637,884	1,824,647	2,068,978	2,288,789	2,566,625	2,844,026
Less: Personal contributions for social insurance*.....	264,435	289,379	332,931	354,567	388,202	437,857	84,466	94,655	114,573	127,056	142,845	157,244
Plus: Adjustment for residence.....	300,414	362,801	423,502	480,748	525,630	542,245	-40,429	-39,811	-64,261	-103,185	-140,220	-148,716
Equals: Net earnings by place of residence.....	4,994,497	5,438,659	5,828,546	6,179,993	6,750,568	7,575,024	1,512,989	1,690,181	1,890,144	2,058,548	2,283,560	2,538,066
Plus: Dividends, interest, and rent*.....	1,189,843	1,436,179	1,765,696	1,937,661	1,990,932	2,266,529	312,952	380,412	469,878	510,335	538,445	612,791
Plus: Transfer payments.....	881,899	1,016,600	1,178,825	1,310,533	1,399,284	1,454,097	251,562	289,871	333,494	367,259	391,564	409,632
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	4,206,014	4,561,519	4,899,072	5,159,490	5,581,602	6,276,627	1,417,722	1,582,057	1,802,252	1,994,911	2,223,551	2,449,545
Other labor income.....	438,122	489,212	533,052	598,495	669,631	774,134	138,705	164,135	191,750	219,778	252,782	281,059
Proprietors' income*.....	314,382	314,506	305,851	295,827	361,907	419,875	81,457	78,455	74,976	74,100	90,292	113,422
Farm.....	7,312	6,353	5,067	8,123	8,898	12,047	2,880	979	2,480	6,507	6,249	15,889
Nonfarm.....	307,070	308,153	300,784	287,704	353,009	407,828	78,577	77,476	72,496	67,593	84,043	97,533
Earnings by industry:												
Farm.....	12,646	12,280	10,984	14,864	15,417	18,809	11,240	10,172	11,516	16,857	16,201	26,169
Nonfarm.....	4,945,872	5,352,957	5,726,991	6,038,948	6,597,723	7,451,827	1,626,644	1,814,475	2,057,462	2,271,932	2,550,424	2,817,857
Private.....	4,391,928	4,748,187	5,079,659	5,323,717	5,820,372	6,601,860	1,234,065	1,392,508	1,593,031	1,768,951	1,997,330	2,198,365
Agricultural services, forestry, fisheries, and other*.....	8,650	9,620	11,073	12,121	13,415	(D)	3,816	3,990	3,907	4,113	4,846	5,434
Mining.....	2,656	2,328	7,284	8,635	9,011	(D)	1,139	1,124	1,105	1,202	1,030	1,265
Construction.....	273,309	282,319	286,694	300,678	359,809	414,214	71,254	78,144	119,161	181,754	267,724	313,918
Manufacturing.....	1,603,175	1,698,389	1,772,981	1,768,513	1,848,091	2,135,013	662,280	761,325	857,027	918,735	969,609	1,028,248
Nonurable goods.....	392,411	415,438	423,754	440,260	486,833	559,633	148,721	169,869	177,432	190,106	204,067	221,288
Durable goods.....	1,210,764	1,282,951	1,349,227	1,328,253	1,361,258	1,575,380	513,559	591,456	679,595	728,629	765,542	806,960
Transportation and public utilities.....	461,293	498,698	538,151	593,360	631,539	695,587	72,883	80,974	84,635	98,382	110,964	126,537
Wholesale trade.....	343,701	386,894	421,881	434,039	456,609	517,710	40,805	46,120	58,232	56,233	62,712	67,298
Retail trade.....	467,322	491,659	522,220	545,840	612,895	683,055	138,285	148,997	163,185	169,148	194,036	218,022
Finance, insurance, and real estate.....	233,983	259,444	280,715	301,068	355,455	402,733	33,828	36,250	36,338	37,348	44,078	52,443
Services.....	997,839	1,118,836	1,238,660	1,359,463	1,533,548	1,727,688	209,775	235,584	269,441	302,036	342,331	385,200
Government and government enterprises.....	553,944	604,770	647,332	715,231	777,351	849,967	392,579	421,967	464,431	502,981	553,094	619,492
Federal, civilian.....	102,910	114,150	126,834	134,824	142,818	156,354	81,729	85,818	94,550	96,998	104,890	116,738
Military.....	10,609	11,526	11,458	12,672	15,094	17,614	166,043	180,121	201,294	223,277	245,697	276,448
State and local.....	440,425	479,094	509,040	567,735	619,439	675,999	144,807	156,028	168,587	182,706	202,507	226,306

	Pittsfield, MA (NECMA)						Portland, ME (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,185,592	1,310,243	1,461,498	1,575,358	1,681,428	1,851,911	1,777,783	1,987,891	2,229,560	2,437,943	2,656,055	2,940,410
Nonfarm personal income.....	1,179,195	1,303,962	1,454,568	1,568,150	1,673,365	1,844,455	1,773,449	1,985,681	2,224,572	2,432,872	2,651,457	2,935,095
Farm income.....	6,397	6,281	6,930	7,208	8,063	7,456	4,334	2,210	4,988	5,071	4,598	5,315
Population (thousands)*.....	145.4	145.1	143.9	142.3	142.1	142.4	214.8	216.2	216.9	218.1	220.6	223.2
Per capita personal income (dollars).....	8,152	9,031	10,154	11,072	11,831	13,003	8,276	9,196	10,281	11,178	12,043	13,171
Derivation of total personal income:												
Total earnings by place of work.....	844,782	908,965	982,461	1,035,006	1,116,083	1,231,013	1,414,057	1,547,729	1,696,667	1,859,891	2,043,499	2,315,948
Less: Personal contributions for social insurance*.....	43,904	48,570	56,049	59,555	64,670	71,682	79,501	87,913	103,323	114,145	124,928	140,996
Plus: Adjustment for residence.....	-1,064	341	-178	1,923	2,157	3,386	-117,939	-119,179	-130,801	-148,565	-164,035	-219,487
Equals: Net earnings by place of residence.....	799,814	860,736	926,234	977,374	1,053,570	1,162,717	1,216,617	1,340,637	1,462,543	1,597,181	1,754,536	1,955,465
Plus: Dividends, interest, and rent*.....	197,062	235,181	291,662	332,154	338,672	386,769	292,217	339,164	417,158	457,356	489,047	553,782
Plus: Transfer payments.....	188,716	214,326	243,602	265,830	289,186	302,425	268,949	308,090	349,859	383,406	412,472	431,163
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	716,324	774,779	835,876	879,388	933,117	1,024,826	1,192,583	1,315,196	1,441,626	1,570,949	1,703,415	1,920,225
Other labor income.....	71,090	78,524	86,279	95,635	107,296	119,984	112,549	126,789	143,272	169,654	195,929	227,128
Proprietors' income*.....	57,368	55,662	60,306	59,983	75,670	86,203	108,925	105,744	111,769	119,288	144,155	168,595
Farm.....	3,836	3,478	4,165	4,143	5,035	4,321	1,818	-425	2,276	2,000	1,531	2,125
Nonfarm.....	53,532	52,184	56,141	55,840	70,635	81,882	107,107	106,169	109,493	117,288	142,624	166,470
Earnings by industry:												
Farm.....	6,397	6,281	6,930	7,208	8,063	7,456	4,334	2,210	4,988	5,071	4,598	5,315
Nonfarm.....	838,385	902,684	975,531	1,027,798	1,108,020	1,223,557	1,409,723	1,545,519	1,691,679	1,854,820	2,038,901	2,310,633
Private.....	748,457	803,103	874,829	924,997	997,841	1,108,156	1,188,698	1,303,507	1,428,747	1,564,177	1,728,109	1,967,804
Agricultural services, forestry, fisheries, and other*.....	2,351	2,295	(D)	3,409	3,810	4,334	6,844	8,359	(D)	6,589	9,196	10,017
Mining.....	1,863	1,846	(D)	1,978	2,098	2,290	622	635	801	969	716	710
Construction.....	32,856	35,189	38,443	40,724	49,661	58,421	85,172	86,975	99,198	103,915	113,160	141,325
Manufacturing.....	354,274	383,131	412,016	420,293	430,001	477,739	273,445	307,945	330,769	341,741	358,225	400,172
Nonurable goods.....	110,812	115,949	127,201	127,717	127,644	137,896	137,852	137,852	170,197	182,823	199,053	212,270
Durable goods.....	243,462	267,182	284,815	292,576	302,357	339,843	135,593	151,692	160,572	158,918	159,172	187,902
Transportation and public utilities.....	36,410	32,220	34,433	37,163	38,721	39,454	136,339	141,365	143,236	163,049	172,652	187,724
Wholesale trade.....	31,823	36,396	40,332	41,818	46,294	51,824	(D)	141,468	(D)	164,430	178,947	205,618
Retail trade.....	91,717	95,166	103,634	109,683	120,863	136,832	164,856	176,624	194,732	217,702	251,616	285,859
Finance, insurance, and real estate.....	35,074	37,225	41,493	42,179	45,822	51,570	(D)	126,646	141,771	162,917	193,111	222,573
Services.....	162,089	179,635	199,574	227,570	260,571	285,692	276,221	313,490	357,017	402,865	450,486	513,806
Government and government enterprises.....	89,928	99,581	100,702	102,801	110,179	115,401	221,025	242,012	262,932	290,643	310,792	342,829
Federal, civilian.....	9,267	9,600	10,865	13,977	14,310	14,925	39,874	42,155	45,607	48,018	50,648	56,353
Military.....	3,604	3,962	5,018	5,205	6,147	6,164	48,601	55,006	64,004	75,019	81,979	94,830
State and local.....	77,057	86,019	84,819	83,619	89,722	94,312	132,550	144,851	153,321	16		

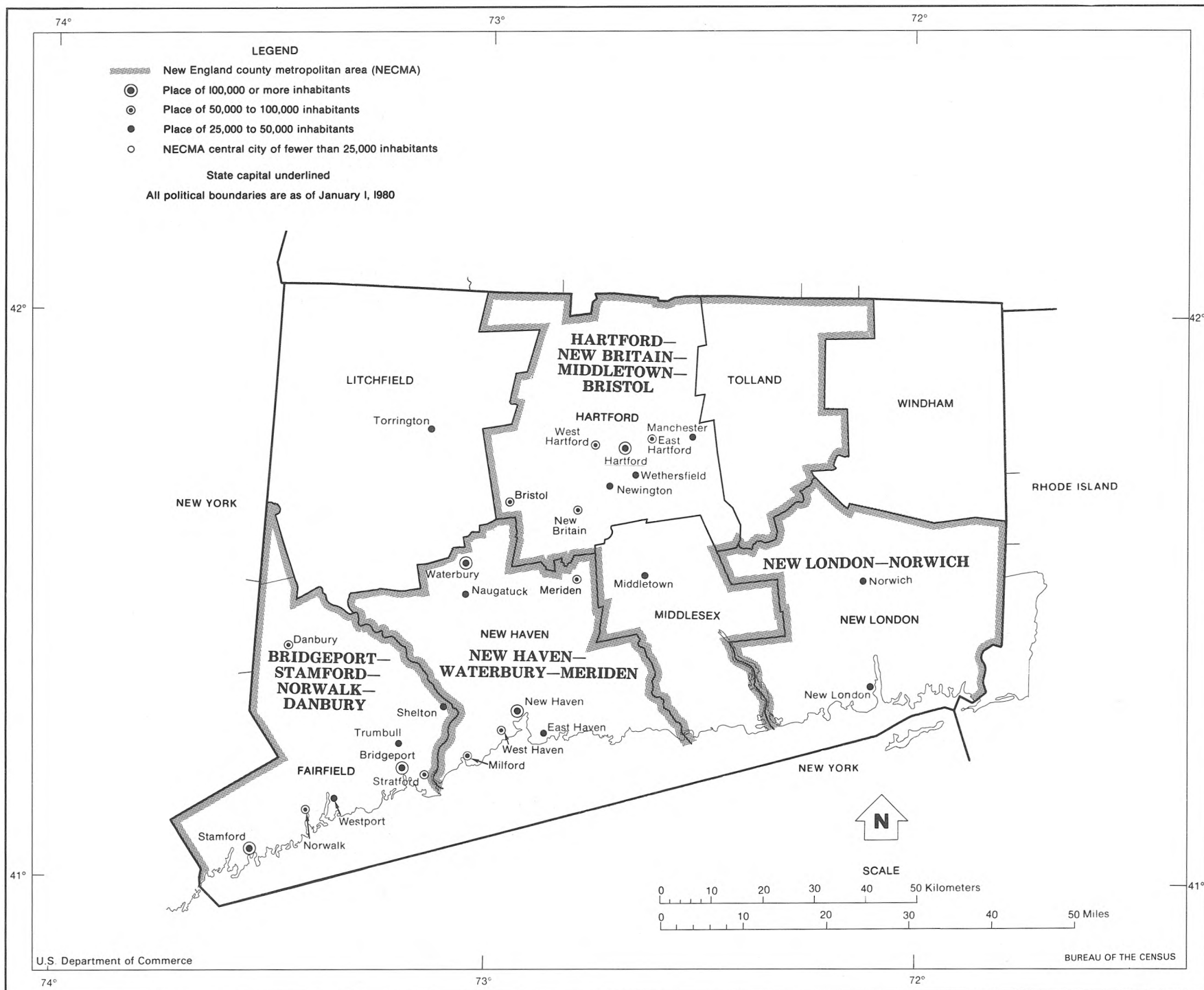
Table 4.—Personal Income for Metropolitan Areas of the New England Region, 1979–84—Continued

[Thousands of dollars]

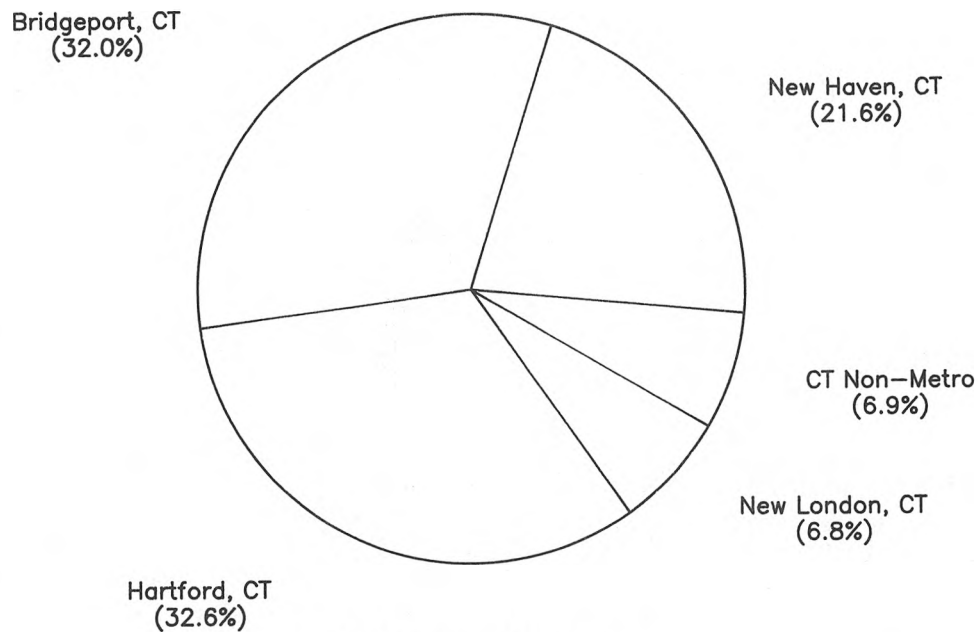
	Portsmouth—Dover—Rochester, NH (NECMA)						Providence—Pawtucket—Woonsocket, RI (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	2,270,441	2,584,990	2,948,128	3,242,317	3,627,488	4,127,349	7,201,457	7,995,693	8,899,708	9,514,887	10,204,858	11,266,849
Nonfarm personal income.....	2,264,574	2,580,674	2,942,420	3,235,756	3,621,423	4,120,894	7,192,674	7,988,943	8,891,947	9,501,822	10,187,357	11,249,894
Farm income.....	5,867	4,316	5,708	6,561	6,065	6,455	8,783	6,750	7,761	13,065	17,501	16,955
Population (thousands)*.....	272.3	276.8	283.2	287.0	292.4	300.0	874.5	867.1	869.9	869.9	872.2	878.2
Per capita personal income (dollars).....	8,338	9,340	10,410	11,297	12,406	13,757	8,235	9,222	10,231	10,938	11,701	12,829
Derivation of total personal income:												
Total earnings by place of work.....	1,372,566	1,513,740	1,703,901	1,899,886	2,130,386	2,292,004	5,145,779	5,555,279	5,967,437	6,225,914	6,765,410	7,520,101
Less: Personal contributions for social insurance*.....	77,637	87,244	105,514	119,978	134,434	144,509	340,771	372,977	418,595	445,029	493,067	551,482
Plus: Adjustment for residence.....	427,705	504,484	555,300	580,327	686,762	936,448	183,682	189,423	231,047	289,978	334,243	380,422
Equals: Net earnings by place of residence.....	1,722,634	1,930,980	2,153,687	2,360,235	2,682,714	3,083,943	4,988,689	5,371,725	5,779,889	6,070,863	6,606,586	7,349,042
Plus: Dividends, interest, and rent*.....	287,328	348,124	442,821	496,336	530,619	607,648	1,077,825	1,302,398	1,615,594	1,783,601	1,839,500	2,092,197
Plus: Transfer payments.....	260,479	305,886	351,620	385,746	414,155	435,758	1,134,942	1,321,570	1,504,225	1,660,423	1,758,772	1,825,610
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,149,534	1,274,845	1,449,735	1,622,518	1,792,271	1,906,359	4,387,115	4,751,934	5,102,395	5,299,899	5,658,671	6,248,734
Other labor income.....	109,901	127,546	145,258	164,642	191,875	215,905	442,332	494,512	548,607	604,372	683,249	777,060
Proprietors' income*.....	113,131	111,349	108,908	112,726	146,240	169,740	316,332	308,833	316,435	321,643	423,490	494,307
Farm.....	1,669	—310	1,105	1,477	928	940	3,839	1,467	2,309	7,503	11,574	11,060
Nonfarm.....	111,462	111,659	107,803	111,249	145,312	168,800	312,493	307,366	314,126	314,140	411,916	483,247
Earnings by industry:												
Farm.....	5,867	4,316	5,708	6,561	6,065	6,455	8,783	6,750	7,761	13,065	17,501	16,955
Nonfarm.....	1,366,699	1,509,424	1,698,193	1,893,325	2,124,321	2,285,549	5,136,996	5,548,529	5,959,676	6,212,849	6,747,909	7,503,146
Private.....	1,126,503	1,251,647	1,422,357	1,592,230	1,803,711	1,937,287	4,397,505	4,747,611	5,094,309	5,292,752	5,772,512	6,438,941
Agricultural services, forestry, fisheries, and other*.....	5,135	(D)	(D)	(D)	(D)	(D)	(D)	25,098	24,692	26,923	34,139	40,036
Mining.....	861	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	4,727	3,039	3,418
Construction.....	153,500	155,237	206,204	309,481	354,817	267,284	238,945	236,529	239,302	246,554	274,563	331,762
Manufacturing.....	444,866	503,854	546,055	538,624	571,518	660,349	1,778,640	1,928,972	2,068,310	2,022,739	2,148,161	2,376,393
Nondurable goods.....	161,067	156,240	172,757	170,948	198,329	212,763	555,902	594,350	642,428	657,332	693,186	769,706
Durable goods.....	283,799	347,614	373,298	367,676	373,189	447,586	1,222,738	1,334,622	1,425,882	1,365,407	1,454,975	1,606,687
Transportation and public utilities.....	45,382	52,558	62,841	73,668	92,549	104,957	(D)	(D)	(D)	318,042	340,103	358,300
Wholesale trade.....	70,654	82,363	93,440	97,172	111,910	122,978	305,997*	331,798*	341,456*	369,445	408,107	450,034
Retail trade.....	174,761	187,303	204,136	221,980	258,170	298,396	508,697	538,289	564,392	592,041	649,766	727,911
Finance, insurance, and real estate.....	50,889	60,654	69,438	75,258	90,091	105,821	312,098	327,666	373,641	396,556	449,104	504,892
Services.....	180,455	203,172	233,619	268,890	315,913	367,717	962,246	1,065,261	1,172,878	1,315,725	1,465,530	1,646,195
Government and government enterprises.....	240,196	257,777	275,836	301,095	320,610	348,262	739,491	800,918	865,367	920,097	975,397	1,064,205
Federal, civilian.....	34,249	42,011	45,847	48,045	48,030	50,151	118,724	123,535	136,242	140,883	148,135	159,628
Military.....	50,979	54,561	62,172	69,497	74,553	80,108	17,478	20,043	24,927	27,778	31,945	34,407
State and local.....	154,968	161,205	167,817	183,553	198,027	218,003	603,289	657,340	704,198	751,436	795,317	870,170

	Springfield, MA (NECMA)						Worcester—Fitchburg—Leominster, MA (NECMA)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	4,699,383	5,217,614	5,776,143	6,214,766	6,592,892	7,281,572	5,233,187	5,816,519	6,465,430	6,928,068	7,400,169	8,266,539
Nonfarm personal income.....	4,683,092	5,198,671	5,752,984	6,194,783	6,573,748	7,259,647	5,215,922	5,798,758	6,445,077	6,904,583	7,374,932	8,238,599
Farm income.....	16,291	18,943	23,159	19,983	19,144	21,925	17,265	17,761	20,353	23,485	25,237	27,940
Population (thousands)*.....	582.5	582.2	583.6	582.4	582.3	583.9	649.2	646.8	648.0	646.8	648.0	654.0
Per capita personal income (dollars).....	8,067	8,962	9,897	10,670	11,323	12,470	8,061	8,993	9,978	10,711	11,420	12,640
Derivation of total personal income:												
Total earnings by place of work.....	3,277,876	3,537,162	3,768,895	3,947,078	4,273,775	4,707,341	3,703,493	4,002,745	4,297,870	4,447,315	4,743,393	5,364,097
Less: Personal contributions for social insurance*.....	170,050	189,208	214,008	225,870	246,482	272,448	191,202	212,232	243,306	253,712	272,839	309,461
Plus: Adjustment for residence.....	170,486	209,016	246,291	296,268	297,864	369,835	229,197	281,852	339,606	408,886	469,464	530,060
Equals: Net earnings by place of residence.....	3,278,312	3,556,970	3,801,178	4,017,476	4,325,157	4,804,728	3,741,488	4,072,365	4,399,170	4,602,489	4,940,018	5,584,696
Plus: Dividends, interest, and rent*.....	682,120	821,703	1,025,962	1,155,691	1,149,240	1,313,066	692,898	828,894	1,030,259	1,181,847	1,241,059	1,417,394
Plus: Transfer payments.....	738,951	838,941	949,003	1,041,599	1,118,495	1,163,778	798,801	915,260	1,041,001	1,143,732	1,219,092	1,264,449
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	2,802,193	3,034,393	3,232,235	3,373,592	3,600,134	3,942,176	3,154,999	3,421,823	3,668,506	3,776,832	3,966,988	4,474,361
Other labor income.....	277,033	307,129	330,723	366,584	416,941	465,952	335,175	372,280	403,565	439,723	487,585	554,773
Proprietors' income*.....	198,650	195,640	205,937	206,902	256,700	299,213	213,319	208,642	225,799	230,760	288,820	334,963
Farm.....	5,086	6,667	11,178	6,696	6,173	8,522	7,589	7,158	9,943	11,952	13,891	16,199
Nonfarm.....	193,564	188,973	194,759	200,206	250,527	290,691	205,730	201,484	215,856	218,808	274,929	318,764
Earnings by industry:												
Farm.....	16,291	18,943	23,159	19,983	19,144	21,925	17,265	17,761	20,353	23,485	25,237	27,940
Nonfarm.....	3,261,585	3,518,219	3,745,736	3,927,095	4,254,631	4,685,416	3,686,228	3,984,984	4,277,517	4,423,830	4,718,156	5,336,157
Private.....	2,688,900	2,901,300	3,090,201	3,241,352	3,517,832	3,907,271	3,246,798	3,512,703	3,781,042	3,909,627	4,171,587	4,740,632
Agricultural services, forestry, fisheries, and other*.....	7,500	(D)	9,337	10,611	(D)	(D)	7,423	7,357	8,870	11,154	12,573	14,196
Mining.....	2,540	2,684	2,609	2,873	3,163*	3,447*	1,476	2,169	2,134	2,416	2,499	3,421
Construction.....	131,777	(D)	(D)	(D)	168,255	197,036	148,284	155,356	164,640	173,858	202,379	255,502
Manufacturing.....	1,119,135	1,194,186	1,236,727	1,228,719	1,279,619	1,417,562	1,591,824	1,714,050	1,811,874	1,800,055	1,796,243	2,028,728
Nondurable goods.....	469,840	502,260	517,473	531,961	582,613	642,058	425,472	492,799	497,551	524,928	563,903	623,405
Durable goods.....	649,295	691,926	719,254	696,758	697,006	775,504	1,166,352	1,258,849	1,319,075	1,302,504	1,271,315	1,464,825
Transportation and public utilities.....	199,915	205,943	(D)	(D)	254,491	256,980	201,957	222,633	237,738	256,618	260,932	282,389
Wholesale trade.....	177,385	196,972	208,260	223,622	229,088	269,266	217,591	235,918	247,752	254,472	301,520	339,360
Retail trade.....	318,798	336,545	356,950	373,721	416,755	468,557	340,006	(D)	385,343	389,190	436,702	502,533
Finance, insurance, and real estate.....	181,382	(D)	220,454	241,657	274,384	299,827	172,752	188,410	226,450	226,450	251,371	281,117
Services.....	550,468	617,651	693,184	777,214	880,323	981,171	565,485	(D)	713,448	795,414	907,368	1,033,386
Government and government enterprises.....	572,685	616,919	655,535	685,743	736,799	778,145	439,430	472,281	496,475	514,203	546,569	595,525
Federal, civilian.....	108,731	114,413	129,930	137,180	143,075	153,456	41,856	43,283	48,826	50,793	52,108	56,574
Military.....	9,810	10,901	13,835	15,484	16,999	16,596	9,284	10,341	12,959	14,231	17,149	17,028
State and local.....	454,144											

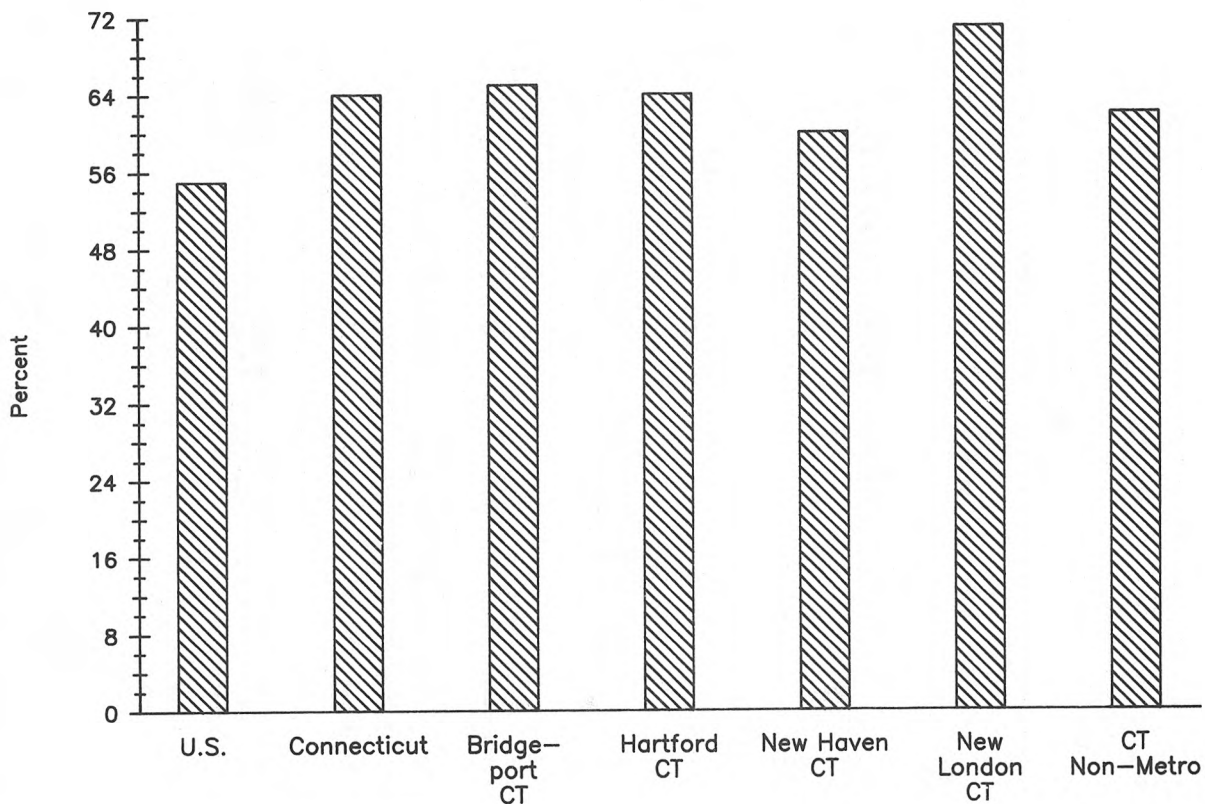
CONNECTICUT - New England County Metropolitan Areas, Counties, and Selected Places



Total Personal Income 1984
Percent of State Total: Connecticut



Total Personal Income
Percent Change 1979-84



LOCAL AREA PERSONAL INCOME

CONNECTICUT

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84

(Thousands of dollars)

	State of Connecticut						Connecticut (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	31,916,176	35,994,708	40,352,987	43,707,930	46,980,165	52,193,658	29,688,942	33,492,187	37,549,486	40,664,314	43,739,918	48,577,376
Nonfarm personal income.....	31,818,508	35,900,077	40,252,981	43,586,911	46,864,693	52,054,330	29,618,675	33,421,679	37,477,318	40,578,691	43,656,598	48,476,966
Farm income.....	97,668	94,631	100,006	121,019	115,472	139,328	70,267	70,508	72,168	85,623	83,320	100,410
Population (thousands) ¹	3,099.9	3,113.9	3,123.1	3,125.5	3,138.5	3,154.2	2,852.0	2,864.0	2,871.4	2,873.3	2,885.6	2,899.5
Per capita personal income (dollars).....	10,296	11,559	12,921	13,984	14,969	16,547	10,410	11,694	13,077	14,152	15,158	16,753
Derivation of total personal income:												
Total earnings by place of work.....	23,097,640	25,747,038	28,176,022	30,182,460	32,779,286	36,761,174	21,841,838	24,387,293	26,697,707	28,633,553	31,130,679	34,898,855
Less: Personal contributions for social insurance ²	1,220,944	1,375,723	1,618,431	1,749,054	1,906,866	2,135,724	1,154,307	1,302,192	1,532,809	1,658,356	1,810,103	2,026,543
Plus: Adjustment for residence.....	1,175,309	1,133,611	1,232,872	1,361,351	1,633,141	1,591,929	777,234	684,018	740,058	816,845	1,024,054	914,112
Equals: Net earnings by place of residence.....	23,052,005	25,504,926	27,790,463	29,794,757	32,505,561	36,217,379	21,464,765	23,769,119	25,904,956	27,792,042	30,344,630	33,786,424
Plus: Dividends, interest, and rent ⁴	5,546,020	6,646,873	8,122,204	8,973,881	9,187,340	10,441,675	5,165,966	6,187,024	7,557,476	8,330,548	8,535,034	9,699,772
Plus: Transfer payments.....	3,318,151	3,842,909	4,440,320	4,939,292	5,287,264	5,534,604	3,058,211	3,536,044	4,087,054	4,541,724	4,860,254	5,091,180
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	19,529,948	21,915,393	24,080,586	25,856,629	27,788,797	31,042,650	18,518,504	20,806,774	22,866,008	24,586,684	26,455,318	29,547,123
Other labor income.....	1,986,110	2,304,125	2,578,889	2,898,791	3,216,733	3,635,080	1,882,076	2,184,515	2,443,467	2,749,492	3,054,360	3,448,954
Proprietors' income ⁵	1,581,582	1,527,520	1,516,547	1,427,040	1,773,756	2,083,444	1,441,258	1,396,004	1,388,232	1,297,377	1,621,001	1,902,778
Farm.....	43,253	34,430	40,321	52,862	49,730	71,260	23,192	18,443	20,579	26,700	26,498	41,584
Nonfarm.....	1,538,329	1,493,090	1,476,226	1,374,178	1,724,026	2,012,184	1,418,066	1,377,561	1,367,653	1,270,677	1,594,503	1,861,194
Earnings by industry:												
Farm.....	97,668	94,631	100,006	121,019	115,472	139,328	70,267	70,508	72,168	85,623	83,320	100,410
Nonfarm.....	22,999,972	25,652,407	28,076,016	30,061,441	32,663,814	36,621,846	21,771,571	24,316,785	26,625,539	28,547,930	31,047,359	34,798,445
Private.....	20,364,285	22,752,877	24,980,697	26,680,995	28,968,646	32,512,449	19,259,988	21,554,889	23,676,577	25,327,608	27,528,718	30,884,058
Agricultural services, forestry, fisheries, and other ⁶	66,577	69,622	80,280	90,538	100,252	114,067	(D)	64,858	69,246*	83,947	89,973*	(D)
Mining.....	52,066	69,043	99,561	73,311	61,175	62,259	48,734*	67,112	95,653*	70,916	58,252*	(D)
Construction.....	1,101,175	1,156,111	1,245,904	1,342,153	1,648,744	1,933,777	(D)	1,071,973	1,159,733	1,251,400	1,539,981	1,805,261
Manufacturing.....	8,458,343	9,549,234	10,413,874	10,747,070	11,097,860	12,214,120	7,926,269	8,968,253	9,770,803	10,099,697	10,437,312	11,462,118
Nonfarm.....	1,729,256	1,955,690	2,185,289	2,456,002	2,617,459	2,845,164	1,579,177	1,793,326	2,002,084	2,258,037	2,405,055	2,614,367
Durable goods.....	6,729,087	7,593,544	8,228,585	8,291,068	8,480,311	9,368,956	6,347,092	7,174,927	7,768,719	7,841,660	8,032,257	8,847,751
Transportation and public utilities.....	1,259,600	1,386,774	1,508,449	1,640,800	1,780,059	2,012,166	(D)	1,342,425	1,461,064	1,591,958	1,729,738	1,951,568
Wholesale trade.....	1,524,294	1,732,270	1,936,094	2,055,845	2,131,251	2,377,599	1,472,643	1,671,798	1,875,195	1,988,526	2,065,820	2,311,783
Retail trade.....	2,060,497	2,227,008	2,402,236	2,535,329	2,826,023	3,185,162	1,937,678	2,096,547	2,262,792	2,384,540	2,663,366	3,003,632
Finance, insurance, and real estate.....	1,786,370	1,991,836	2,247,189	2,528,914	2,897,688	3,281,304	1,747,918	1,952,806	2,213,636	2,494,839	2,857,356	3,234,584
Services.....	4,055,363	4,570,979	5,047,110	5,667,035	6,425,594	7,331,995	3,820,234	4,319,117	4,761,244	5,361,785	6,083,539	6,949,572
Government and government enterprises.....	2,635,687	2,899,530	3,095,319	3,380,446	3,695,168	4,109,397	2,511,583	2,761,896	2,948,962	3,220,322	3,518,641	3,914,387
Federal, civilian.....	419,266	456,759	505,094	536,673	566,693	627,298	408,818	445,582	492,287	522,775	552,018	611,799
Military.....	205,736	224,051	244,405	271,845	297,661	333,580	203,460	221,479	241,982	269,197	294,535	330,346
State and local.....	2,010,685	2,218,720	2,345,820	2,571,928	2,830,814	3,148,519	1,899,305	2,094,835	2,214,693	2,428,350	2,672,088	2,972,062

	Connecticut (Nonmetropolitan portion)					Fairfield, Connecticut						
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	2,227,234	2,502,521	2,803,501	3,043,616	3,240,247	3,616,282	10,141,404	11,403,979	12,876,121	13,990,701	15,086,276	16,694,928
Nonfarm personal income.....	2,199,833	2,478,398	2,775,663	3,008,220	3,208,095	3,577,364	10,134,001	11,396,931	12,868,707	13,981,326	15,076,618	16,684,312
Farm income.....	27,401	24,123	27,838	35,396	32,152	38,918	7,403	7,048	7,414	9,375	9,658	10,616
Population (thousands) ¹	247.9	249.9	251.7	252.3	252.9	254.7	802.7	809.1	813.1	811.2	812.9	816.1
Per capita personal income (dollars).....	8,985	10,013	11,136	12,066	12,812	14,199	12,635	14,095	15,835	17,247	18,560	20,456
Derivation of total personal income:												
Total earnings by place of work.....	1,255,802	1,359,745	1,478,315	1,548,907	1,648,607	1,862,319	6,621,339	7,520,988	8,380,468	9,059,731	9,790,776	10,991,352
Less: Personal contributions for social insurance ²	66,637	73,531	85,622	90,698	96,763	109,181	352,365	406,235	487,070	533,039	578,259	650,219
Plus: Adjustment for residence.....	398,075	449,593	492,814	544,506	609,087	677,817	1,070,849	1,002,376	1,072,843	1,197,952	1,453,473	1,450,315
Equals: Net earnings by place of residence.....	1,587,240	1,735,807	1,885,507	2,002,715	2,160,931	2,430,955	7,339,823	8,117,129	8,966,241	9,724,644	10,665,990	11,791,448
Plus: Dividends, interest, and rent ⁴	380,054	459,849	564,728	643,333	652,306	741,903	1,983,581	2,338,884	2,822,486	3,057,386	3,131,121	3,550,499
Plus: Transfer payments.....	259,940	306,865	353,266	397,568	427,010	443,424	818,000	947,966	1,087,394	1,208,671	1,289,165	1,352,981
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,011,444	1,108,619	1,214,578	1,269,945	1,333,479	1,495,527	5,481,104	6,311,782	7,089,506	7,701,283	8,205,492	9,185,016
Other labor income.....	104,034	119,610	135,422	149,299	162,373	186,126	536,720	634,801	730,283	831,619	914,847	1,019,624
Proprietors' income ⁵	140,324	131,516	128,315	129,663	152,755	180,666	603,515	574,405	560,679	526,829	670,437	786,712
Farm.....	20,061	15,987	19,742	26,162	23,232	29,676	4,584	3,875	4,175	5,713	6,084	6,893
Nonfarm.....	120,263	115,529	108,573	103,501	129,523	150,990	598,931	570,530	556,504	521,116	664,353	779,819
Earnings by industry:												
Farm.....	27,401	24,123	27,838	35,396	32,152	38,918	7,403	7,048	7,414	9,375	9,658	10,616
Nonfarm.....	1,228,401	1,335,622	1,450,477	1,513,511	1,616,455	1,823,401	6,613,936	7,513,940	8,373,054	9,050,356	9,781,118	10,980,736
Private.....	1,104,297	1,197,988	1,304,120	1,353,387	1,439,928	1,628,391	6,077,534	6,906,019	7,732,286	8,369,528	9,051,761	10,178,596
Agricultural services, forestry, fisheries, and other ⁶	(D)	4,764	5,688	6,591	(D)	(D)	(D)	25,895	32,253	35,754	39,086	43,420
Mining.....	(D)	1,931	2,043	2,395	(D)	(D)	36,654	55,452	82,763	53,561	41,069	38,401
Construction.....	77,446	84,138	86,171	90,753	108,763	128,516	(D)	318,629	342,897	347,641	411,246	471,577
Manufacturing.....	532,074	580,981	643,071	647,373	660,548	752,002	2,601,241	3,005,001	3,443,877	3,703,899	3,863,990	4,180,174
Nonfarm.....	150,079	162,364	183,205	197,965	212,494	230,797	625,496	742,951	899,042	1,066,971	1,150,234	1,228,750
Durable goods.....	381,995	418,617	459,866	449,408	448,054	521,205	1,975,745	2,262,050	2,544,835	2,636,928	2,713,756	2,951,424
Transportation and public utilities.....	40,127	44,349	47,385	48,842	50,321	60,598	(D)	330,918	364,676	383,414	417,762	476,376
Wholesale trade.....	51,651	60,472	60,899	67,319	65,431	65,816	522,422	613,122	677,797	757,445	784,940	856,846
Retail trade.....	122,819	130,461	139,444	150,789	162,657	181,530	597,674	668,522	731,571	765,474	845,462	956,131
Finance, insurance, and real estate.....	38,452	39,030	33,553	34,075	40,332	46,720	376,010	405,535	442,202	481,095	599,161	703,970
Services.....	235,12											

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued
(Thousands of dollars)

	Hartford, Connecticut						Litchfield, Connecticut					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	8,158,464	9,305,427	10,382,386	11,182,611	11,923,095	13,245,839	1,511,699	1,689,855	1,888,848	2,061,420	2,184,586	2,440,514
Nonfarm personal income.....	8,134,503	9,278,726	10,354,706	11,156,109	11,898,042	13,220,055	1,497,654	1,677,683	1,875,620	2,045,811	2,170,066	2,425,527
Farm income.....	23,961	26,701	27,680	26,502	25,053	25,784	14,045	12,172	13,228	15,609	14,520	14,987
Population (thousands) ¹	805.5	809.2	808.4	811.8	815.3	817.2	155.6	157.4	158.2	158.6	159.0	160.1
Per capita personal income (dollars).....	10,128	11,499	12,844	13,775	14,625	16,209	9,715	10,735	11,939	12,996	13,735	15,244
Derivation of total personal income:												
Total earnings by place of work.....	7,563,471	8,508,480	9,258,830	9,906,838	10,679,565	11,854,910	826,466	901,038	976,707	1,002,202	1,065,447	1,213,023
Less: Personal contributions for social insurance ²	397,936	450,612	528,364	569,131	617,396	683,404	44,147	49,065	57,093	59,557	63,374	72,298
Plus: Adjustment for residence.....	-1,255,564	-1,419,130	-1,553,653	-1,740,744	-1,877,902	-2,058,024	276,142	300,173	326,381	389,018	428,396	469,193
Equals: Net earnings by place of residence.....	5,909,971	6,638,738	7,176,813	7,596,963	8,184,267	9,113,482	1,058,461	1,152,146	1,245,995	1,331,663	1,430,469	1,609,918
Plus: Dividends, interest, and rent ³	1,357,187	1,636,079	2,007,469	2,254,155	2,306,699	2,624,051	293,899	350,115	424,922	483,410	489,043	555,815
Plus: Transfer payments.....	891,306	1,030,610	1,198,104	1,331,493	1,432,129	1,508,306	159,339	187,594	217,931	246,347	265,074	274,781
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	6,534,345	7,374,242	8,020,655	8,609,011	9,202,559	10,181,268	666,143	735,293	804,669	825,008	863,240	980,283
Other labor income.....	682,947	796,914	877,680	978,706	1,079,833	1,209,490	66,172	76,880	87,131	93,288	100,927	115,814
Proprietors' income ⁴	346,179	337,324	360,495	319,121	397,173	464,152	94,151	88,865	84,907	83,906	101,280	116,926
Farm.....	2,105	2,561	3,833	-761	-1,202	-1,384	10,407	8,124	9,177	10,997	10,055	10,354
Nonfarm.....	344,074	334,763	356,662	319,882	398,375	465,536	83,744	80,741	75,730	72,909	91,225	106,572
Earnings by industry:												
Farm.....	23,961	26,701	27,680	26,502	25,053	25,784	14,045	12,172	13,228	15,609	14,520	14,987
Nonfarm.....	7,539,510	8,481,779	9,231,150	9,880,336	10,654,512	11,829,126	812,421	888,866	963,479	986,593	1,050,927	1,198,036
Private.....	6,737,865	7,600,423	8,305,447	8,856,322	9,524,666	10,549,320	735,230	803,545	874,864	890,496	945,488	1,079,856
Agricultural services, forestry, fisheries, and other ⁵	19,250	21,080	22,013	25,709	28,301	33,356	(D)	3,657	4,357	5,024	(D)	(D)
Mining.....	8,285	6,376	4,501	5,234	5,603	7,206	(D)	941	1,002	1,100	(D)	(D)
Construction.....	(D)	329,811	352,500	364,347	425,743	509,619	61,814	67,956	67,891	72,603	86,352	102,006
Manufacturing.....	2,694,139	3,096,114	3,265,494	3,279,719	3,297,629	3,614,045	337,281	374,758	417,214	399,937	404,259	470,835
Nonurable goods.....	313,467	363,802	391,831	443,987	435,304	466,099	58,756	68,674	82,856	86,113	108,579	138,089
Durable goods.....	2,380,672	2,732,312	2,873,663	2,835,732	2,862,325	3,147,946	278,525	306,084	334,358	313,824	306,123	362,256
Transportation and public utilities.....	(D)	381,867	416,818	455,395	501,685	577,316	25,756	28,367	27,440	27,030	28,528	36,151
Wholesale trade.....	525,415	579,485	665,326	681,657	734,825	808,681	37,251	43,063	41,796	47,635	47,108	45,705
Retail trade.....	619,001	663,580	712,030	760,300	844,153	957,953	80,911	85,834	92,163	100,727	106,418	120,020
Finance, insurance, and real estate.....	1,073,785	1,219,637	1,422,793	1,642,755	1,812,244	1,939,711	26,886	27,391	22,958	23,520	28,049	32,365
Services.....	1,137,609	1,302,473	1,443,972	1,641,206	1,874,483	2,101,433	160,924	171,578	200,043	212,920	238,065	265,258
Government and government enterprises.....	801,645	881,356	925,703	1,024,014	1,129,806	1,279,806	77,191	85,321	88,615	96,097	105,439	118,180
Federal, civilian.....	138,829	153,913	167,660	181,027	190,112	207,360	6,711	7,152	8,040	8,532	9,048	9,887
Military.....	16,110	17,852	17,913	20,444	18,742	20,779	1,403	1,592	1,479	1,629	1,929	1,996
State and local.....	646,706	709,591	740,130	822,543	920,992	1,051,667	69,077	76,577	79,096	85,936	94,462	106,297
Middlesex, Connecticut							New Haven, Connecticut					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,242,218	1,409,881	1,571,146	1,728,709	1,857,440	2,076,475	7,066,239	7,891,438	8,773,067	9,428,187	10,140,784	11,295,650
Nonfarm personal income.....	1,235,848	1,403,307	1,564,999	1,720,834	1,849,581	2,067,077	7,053,593	7,879,158	8,762,083	9,413,323	10,125,367	11,276,841
Farm income.....	6,370	6,574	6,147	7,875	7,859	9,398	12,646	12,280	10,984	14,864	15,417	18,809
Population (thousands) ¹	128.4	129.5	129.7	130.3	131.3	132.6	763.0	760.2	763.0	763.2	763.8	769.6
Per capita personal income (dollars).....	9,677	10,885	12,117	13,266	14,148	15,657	9,295	10,343	11,501	12,353	13,243	14,677
Derivation of total personal income:												
Total earnings by place of work.....	738,074	820,930	876,426	912,987	1,012,455	1,209,019	4,958,518	5,365,237	5,737,975	6,053,812	6,613,140	7,470,636
Less: Personal contributions for social insurance ²	38,745	43,536	49,851	52,477	58,408	69,628	264,435	289,379	332,931	354,567	388,202	437,857
Plus: Adjustment for residence.....	212,279	238,828	270,367	322,059	348,440	422,737	300,414	362,801	423,502	480,748	525,630	542,245
Equals: Net earnings by place of residence.....	911,608	1,016,222	1,096,942	1,182,569	1,302,487	1,569,128	4,994,497	5,438,659	5,828,546	6,179,993	6,750,568	7,575,024
Plus: Dividends, interest, and rent ³	202,090	244,803	301,644	353,413	348,705	396,662	1,189,843	1,436,179	1,765,696	1,937,661	1,990,932	2,266,529
Plus: Transfer payments.....	128,520	148,856	172,560	192,727	206,248	217,685	881,899	1,016,600	1,178,825	1,310,533	1,399,284	1,454,097
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	614,969	688,550	738,547	773,617	848,452	1,011,756	4,206,014	4,561,519	4,899,072	5,159,490	5,581,602	6,276,627
Other labor income.....	67,936	79,402	87,896	93,752	105,135	127,099	438,122	489,212	533,052	598,495	669,631	774,134
Proprietors' income ⁴	55,169	52,978	49,983	45,618	58,868	70,164	314,382	314,506	305,851	295,827	361,907	419,875
Farm.....	502	95	-262	548	798	2,092	7,312	6,353	5,067	8,123	8,898	12,047
Nonfarm.....	54,667	52,883	50,245	45,070	58,070	68,072	307,070	308,153	300,784	287,704	353,009	407,828
Earnings by industry:												
Farm.....	6,370	6,574	6,147	7,875	7,859	9,398	12,646	12,280	10,984	14,864	15,417	18,809
Nonfarm.....	731,704	814,356	870,279	905,112	1,004,596	1,199,621	4,945,872	5,352,957	5,726,991	6,038,948	6,597,723	7,451,827
Private.....	637,386	712,409	760,435	784,776	872,598	1,052,757	4,391,928	4,748,187	5,079,659	5,323,717	5,820,372	6,601,860
Agricultural services, forestry, fisheries, and other ⁵	(D)	2,636	(D)	3,776	4,325	5,283	8,650	9,620	11,073	12,121	13,415	(D)
Mining.....	(D)	1,157	(D)	1,530	1,539	1,584	2,656	2,328	2,284	2,635	9,011	(D)
Construction.....	(D)	36,191	33,638	32,484	41,845	52,755	273,309	282,319	286,694	300,678	359,809	414,214
Manufacturing.....	322,026	360,851	382,606	381,060	404,548	439,168	1,603,175	1,698,389	1,772,981	1,768,513	1,848,091	2,135,013
Nonurable goods.....	77,412	79,542	86,512	93,125	102,489	107,153	392,411	415,438	422,754	440,260	486,833	559,633
Durable goods.....	244,614	281,309	296,094	287,935	302,059	332,015	1,210,764	1,282,951	1,349,227	1,328,253	1,361,258	1,575,380
Transportation and public utilities.....	(D)	44,469	50,120	50,390	54,789	61,865	461,293	498,698	538,151	593,360	631,539	695,587
Wholesale trade.....	27,112	31,367	35,000	37,956	40,005	41,817	343,701	386,894	421,881	434,039	456,609	517,710
Retail trade.....	75,832	81,862	88,614	95,235	109,131	123,562	467,322	491,659	522,220	545,840	612,895	683,055
Finance, insurance, and real estate.....	20,863	22,565	23,757	24,559	36,741	122,788	233,983	259,444	280,715	301,068	355,455	402,733
Services.....	118,212	131,491	142,244	157,786	179,675	203,935	997,839	1,118,836	1,238,660	1,359,463	1,533,548	1,727,688
Government and government enterprises.....	94,318	101,947	109,844	120,336	131,998	146,864	604,770	647,332	777,351	715,231	777,351	849,967
Federal, civilian.....	5,655	6,187	7,078	7,502	7,483	7,950	102,910	114,150	126,834	134,824	142,818	156,354
Military.....	1,228	1,388	1,288	1,380	1,601	1,665	10,609	11,526	11,458	12,672	15,094	17,6

LOCAL AREA PERSONAL INCOME

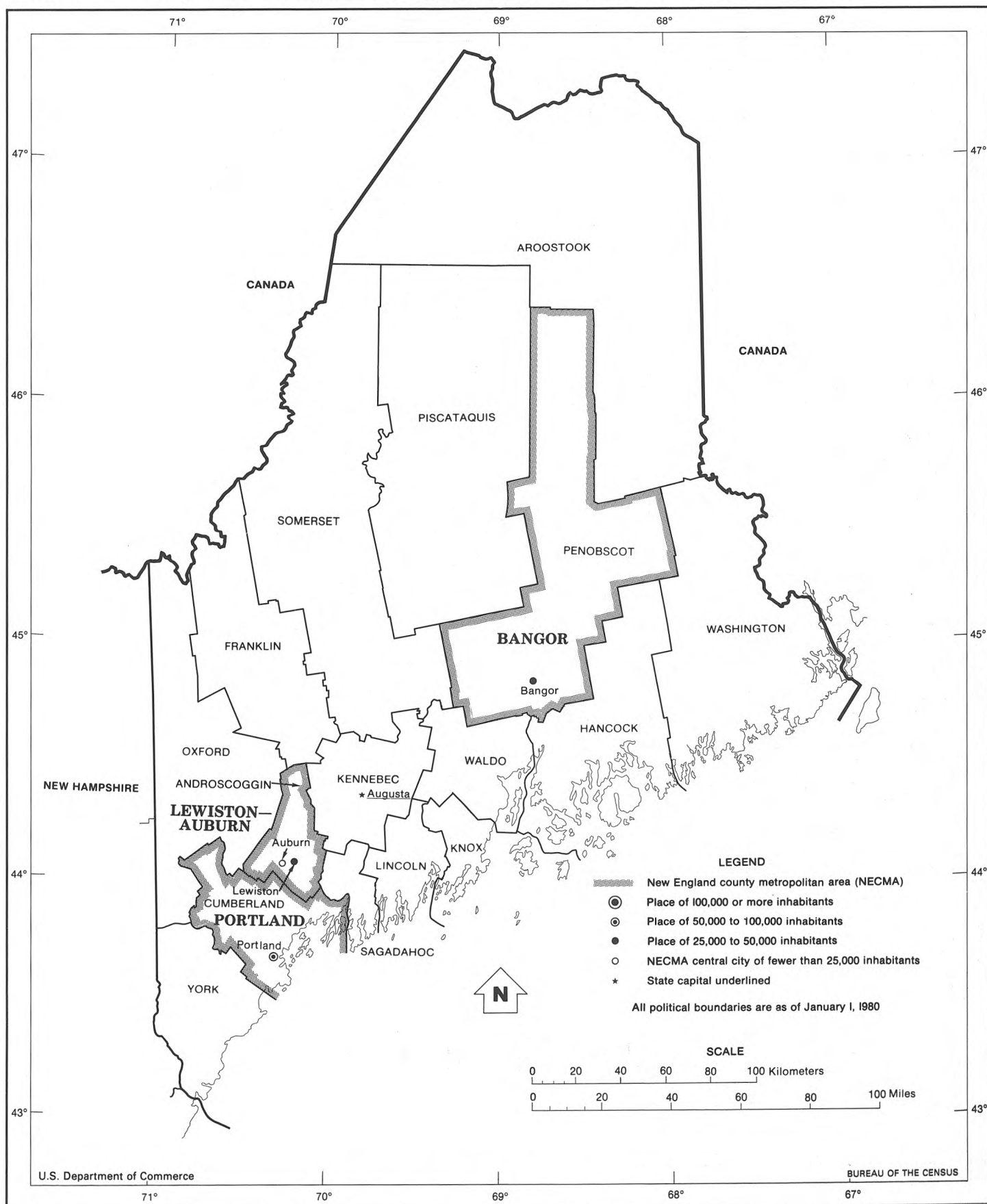
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Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

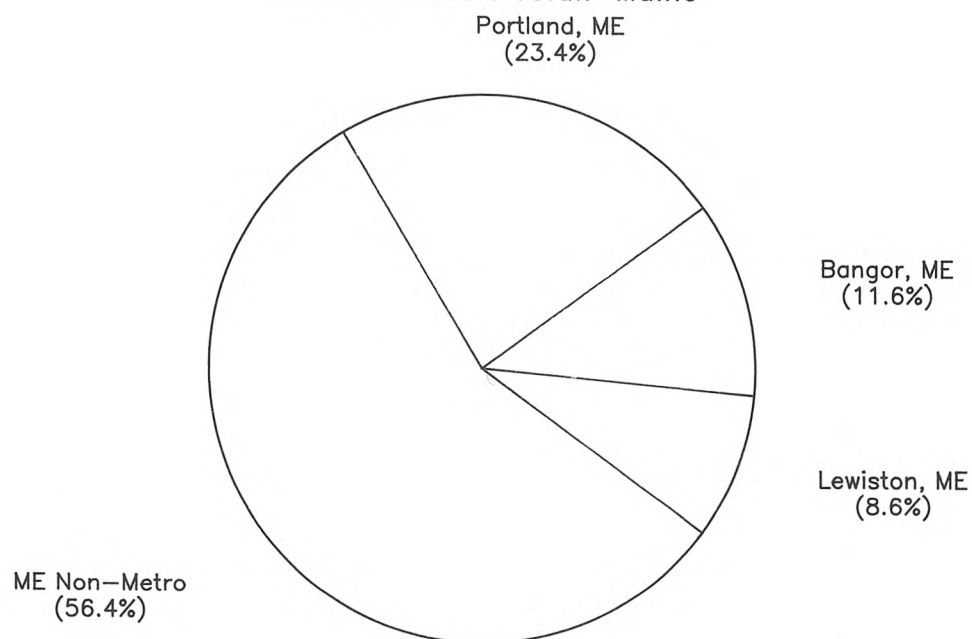
	New London, Connecticut						Tolland, Connecticut					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	2,077,503	2,360,464	2,693,516	2,936,142	3,213,569	3,560,489	1,003,114	1,120,998	1,253,250	1,397,964	1,518,754	1,703,995
Nonfarm personal income.....	2,066,263	2,350,292	2,682,000	2,919,285	3,197,368	3,534,320	994,467	1,113,265	1,244,823	1,387,814	1,509,622	1,694,361
Farm income.....	11,240	10,172	11,516	16,857	16,201	26,169	8,647	7,733	8,427	10,150	9,132	9,634
Population (thousands)¹.....	240.8	238.1	241.5	240.4	243.1	244.6	114.5	115.1	115.9	116.4	117.3	119.4
Per capita personal income (dollars).....	8,627	9,913	11,152	12,215	13,219	14,554	8,764	9,742	10,816	12,007	12,946	14,276
Derivation of total personal income:												
Total earnings by place of work.....	1,637,884	1,824,647	2,068,978	2,288,789	2,566,625	2,844,026	322,552	347,011	375,030	411,396	468,118	528,912
Less: Personal contributions for social insurance².....	84,466	94,655	114,573	127,056	142,845	157,244	16,360	17,775	20,020	22,086	24,993	28,191
Plus: Adjustment for residence.....	-40,429	-39,811	-64,261	-103,185	-140,220	-148,716	489,685	538,954	591,260	660,015	714,633	805,555
Equals: Net earnings by place of residence.....	1,512,989	1,690,181	1,890,144	2,058,548	2,283,560	2,538,066	795,877	868,190	946,270	1,049,325	1,157,758	1,306,276
Plus: Dividends, interest, and rent⁴.....	312,952	380,412	469,878	510,335	538,445	612,791	120,313	150,667	190,303	217,598	219,132	249,240
Plus: Transfer payments.....	251,562	289,871	333,494	367,259	391,564	409,632	86,924	102,141	116,677	131,041	141,864	148,479
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,417,722	1,582,057	1,802,252	1,994,911	2,223,551	2,449,545	264,350	288,624	315,976	348,372	393,662	442,911
Other labor income.....	138,705	164,135	191,750	219,778	252,782	281,059	17,646	20,051	22,806	27,142	32,132	37,548
Proprietors' income⁵.....	81,457	78,455	74,976	74,100	90,292	113,422	40,556	38,336	36,248	35,882	42,324	48,453
Farm.....	2,880	979	2,480	6,507	6,249	15,889	5,809	4,580	5,286	6,570	5,671	6,047
Nonfarm.....	78,577	77,476	72,496	67,593	84,043	97,533	34,747	33,756	30,962	29,312	36,653	42,406
Earnings by industry:												
Farm.....	11,240	10,172	11,516	16,857	16,201	26,169	8,647	7,733	8,427	10,150	9,132	9,634
Nonfarm.....	1,626,644	1,814,475	2,057,462	2,271,932	2,550,424	2,817,857	313,905	339,278	366,603	401,246	458,986	519,278
Private.....	1,234,065	1,392,508	1,593,031	1,768,951	1,997,330	2,198,365	181,210	195,343	205,719	224,314	261,991	303,160
Agricultural services, forestry, fisheries, and other⁶.....	3,816	3,990	3,907	4,113	4,846	5,434	(D)	1,637	(D)	2,474	(D)	3,023
Mining.....	1,139	1,124	1,105	1,202	1,030	1,265	(D)	675	(D)	754	(D)	708
Construction.....	71,254	78,144	119,161	181,754	267,724	313,918	24,519	26,879	24,843	24,496	33,614	43,178
Manufacturing.....	662,280	761,325	857,027	918,735	969,609	1,028,248	43,408	46,573	48,818	47,771	53,445	65,470
Nonurable goods.....	148,721	169,869	177,432	190,106	204,067	221,288	21,670	21,724	23,513	23,588	26,128	31,444
Durable goods.....	513,559	591,456	679,595	728,629	765,542	806,960	21,738	24,849	25,305	24,183	27,317	34,026
Transportation and public utilities.....	72,883	80,974	84,635	98,382	110,964	126,537	4,974	5,499	6,664	11,017	12,999	13,887
Wholesale trade.....	40,805	46,120	58,232	56,233	62,712	67,298	13,188	14,810	16,959	21,196	22,729	19,431
Retail trade.....	138,285	148,997	163,185	169,148	194,036	218,022	39,564	42,107	45,172	48,543	57,689	64,909
Finance, insurance, and real estate.....	33,828	36,250	36,338	37,348	44,078	52,443	9,449	9,375	7,831	8,014	9,677	12,339
Services.....	209,775	235,584	269,441	302,036	342,331	385,200	43,900	47,788	52,677	60,049	68,457	79,615
Government and government enterprises.....	392,579	421,967	464,431	502,981	553,094	619,492	132,695	143,935	160,884	176,932	196,995	216,118
Federal, civilian.....	81,729	85,818	94,550	96,998	104,890	116,738	3,224	3,603	3,932	4,025	4,219	5,098
Military.....	166,043	180,121	201,294	223,277	245,697	276,446	1,508	1,652	1,620	1,893	2,345	2,531
State and local.....	144,807	156,028	168,587	182,706	202,507	226,306	127,963	138,680	155,332	171,014	190,431	208,489

	Windham, Connecticut											
	1979	1980	1981	1982	1983	1984						
Income by Place of Residence												
Total personal income.....	715,535	812,666	914,653	982,196	1,055,661	1,175,768						
Nonfarm personal income.....	702,179	800,715	900,043	962,409	1,036,029	1,151,837						
Farm income.....	13,356	11,951	14,610	19,787	17,632	23,931						
Population (thousands)¹.....	92.3	92.5	93.5	93.6	93.9	94.6						
Per capita personal income (dollars).....	7,754	8,784	9,778	10,490	11,247	12,431						
Derivation of total personal income:												
Total earnings by place of work.....	429,336	458,707	501,608	546,705	583,160	649,296						
Less: Personal contributions for social insurance².....	22,490	24,466	28,529	31,141	33,389	36,883						
Plus: Adjustment for residence.....	121,933	149,420	166,433	155,488	180,691	208,624						
Equals: Net earnings by place of residence.....	528,779	583,661	639,512	671,052	730,462	821,037						
Plus: Dividends, interest, and rent⁴.....	86,155	109,734	139,806	159,923	163,263	186,088						
Plus: Transfer payments.....	100,601	119,271	135,335	151,221	161,936	168,643						
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	345,301	373,326	409,909	444,937	470,239	515,244						
Other labor income.....	37,862	42,730	48,291	56,011	61,446	70,312						
Proprietors' income⁵.....	46,173	42,651	43,408	45,757	51,475	63,740						
Farm.....	9,654	7,863	10,565	15,165	13,177	19,322						
Nonfarm.....	36,519	34,788	32,843	30,592	38,298	44,418						
Earnings by industry:												
Farm.....	13,356	11,951	14,610	19,787	17,632	23,931						
Nonfarm.....	415,980	446,756	486,998	526,918	565,528	625,365						
Private.....	369,067	394,443	429,256	462,891	494,440	548,535						
Agricultural services, forestry, fisheries, and other⁶.....	1,258	1,107	1,331	1,567	(D)	(D)						
Mining.....	934	990	1,041	1,295	(D)	(D)						
Construction.....	15,632	16,182	18,280	18,150	22,411	26,510						
Manufacturing.....	194,793	206,223	225,857	247,436	256,289	281,167						
Nonurable goods.....	91,323	93,690	100,349	111,852	114,358	122,218						
Durable goods.....	103,470	112,533	125,508	135,584	141,931	158,949						
Transportation and public utilities.....	14,371	15,982	19,945	21,812	21,793	24,447						
Wholesale trade.....	14,400	17,409	19,103	19,684	18,323	20,111						
Retail trade.....	41,908	44,627	47,281	50,062	56,239	61,510						
Finance, insurance, and real estate.....	11,566	11,639	10,595	10,555	12,283	14,355						
Services.....	74,205	80,284	85,823	92,330	103,990	117,165						
Government and government enterprises.....	46,913	52,313	57,742	64,027	71,088	76,830						
Federal, civilian.....	3,737	4,025	4,767	5,366	5,627	5,432						
Military.....	873	980	944	1,019	1,197	1,238						
State and local.....	42,303	47,308	52,031	57,642	64,264	70,160						

See footnotes at end of tables.

MAINE - New England County Metropolitan Areas, Counties, and Selected Places

Total Personal Income 1984
Percent of State Total: Maine



Total Personal Income
Percent Change 1979-84

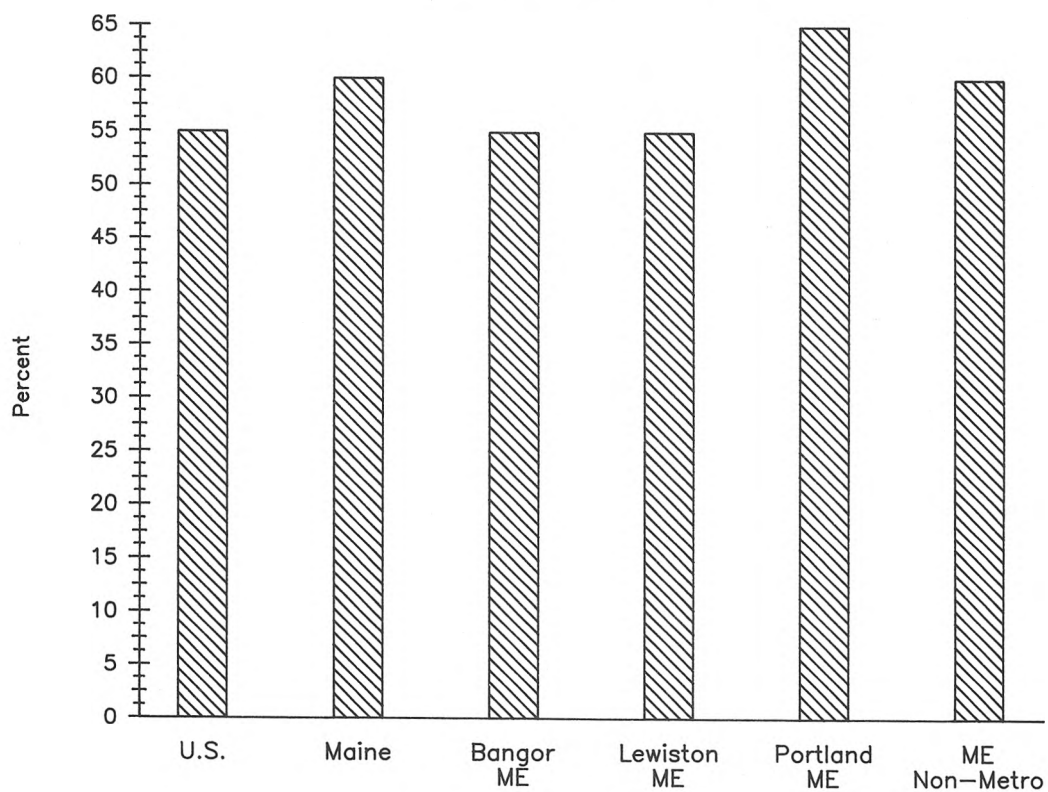


Table 5.—Personal Income for States and Counties of the New England Region, 1979–84

(Thousands of dollars)

	State of Maine						Maine (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	7,833,141	8,736,267	9,788,308	10,585,398	11,388,798	12,546,803	3,408,934	3,794,408	4,226,604	4,579,179	4,957,905	5,466,646
Nonfarm personal income.....	7,724,340	8,668,301	9,650,323	10,465,025	11,293,486	12,411,153	3,382,110	3,774,125	4,196,448	4,548,619	4,929,022	5,432,245
Farm income.....	108,801	67,966	137,985	120,373	95,312	135,650	26,824	20,283	30,156	30,560	28,883	34,401
Population (thousands)*.....	1,124.9	1,126.4	1,132.5	1,136.3	1,145.0	1,156.5	451.6	453.1	455.4	458.1	461.7	468.1
Per capita personal income (dollars).....	6,963	7,756	8,643	9,315	9,946	10,849	7,548	8,375	9,306	10,054	10,823	11,841
Derivation of total personal income:												
Total earnings by place of work.....	5,680,342	6,210,189	6,782,077	7,235,065	7,846,520	8,706,166	2,618,395	2,855,932	3,097,581	3,324,238	3,645,616	4,089,326
Less: Personal contributions for social insurance*.....	317,562	352,629	407,033	439,393	476,589	527,164	146,730	161,822	187,701	202,764	221,691	247,984
Plus: Adjustment for residence.....	-8,690	-17,952	-20,082	-10,434	-4,894	-1,444	-85,997	-89,392	-90,774	-91,342	-111,033	-162,204
Equals: Net earnings by place of residence.....	5,354,090	5,839,608	6,354,962	6,785,238	7,365,037	8,177,558	2,385,668	2,604,718	2,819,106	3,030,132	3,312,892	3,679,138
Plus: Dividends, interest, and rent*.....	1,154,567	1,357,926	1,689,410	1,880,741	1,959,265	2,222,004	488,158	570,363	706,083	780,553	818,755	927,910
Plus: Transfer payments.....	1,324,484	1,538,733	1,743,936	1,919,419	2,064,496	2,147,241	535,108	619,327	701,415	768,494	826,258	859,598
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	4,690,142	5,196,885	5,627,333	6,006,796	6,421,145	7,037,200	2,198,035	2,417,770	2,611,064	2,786,559	3,015,264	3,355,541
Other labor income.....	462,087	526,991	593,246	680,759	785,695	891,687	216,198	243,877	272,521	314,536	364,825	420,294
Proprietors' income*.....	528,113	486,313	561,498	547,510	639,680	777,279	204,162	194,285	213,996	223,143	265,527	313,491
Farm.....	50,621	7,480	76,597	51,017	26,963	64,721	8,458	1,268	11,016	8,957	7,769	12,528
Nonfarm.....	477,492	478,833	484,901	496,493	612,717	712,558	195,704	193,017	202,980	214,186	257,758	300,963
Earnings by industry:												
Farm.....	108,801	67,966	137,985	120,373	95,312	135,650	26,824	20,283	30,156	30,560	28,883	34,401
Nonfarm.....	5,571,541	6,142,223	6,644,092	7,114,692	7,751,208	8,570,516	2,591,571	2,835,649	3,067,425	3,293,678	3,616,733	4,054,925
Private.....	4,474,430	4,949,228	5,343,374	5,702,062	6,241,163	6,952,556	2,195,153	2,401,815	2,601,538	2,785,431	3,071,590	3,459,422
Agricultural services, forestry, fisheries, and other*.....	58,420	68,830	56,426	51,007	76,756	80,088	(D)	14,493	(D)	13,867	(D)	(D)
Mining.....	3,052	3,751	3,872	3,050	3,220	3,374	2,087	2,206	2,180	2,447	1,779*	1,487*
Construction.....	336,981	384,938	363,174	369,012	398,864	499,435	157,645	163,993	164,946	168,248	188,450	233,678
Manufacturing.....	1,640,297	1,831,474	2,020,498	2,093,751	2,252,050	2,448,669	652,494	727,262	788,120	800,054	860,459	950,850
Nonurable goods.....	989,624	1,091,124	1,198,960	1,250,227	1,337,728	1,399,302	427,369	479,694	542,216	542,322	596,581	637,433
Durable goods.....	650,673	740,350	821,538	843,524	914,322	1,049,367	225,125	247,568	265,904	257,732	263,878	313,417
Transportation and public utilities.....	356,275	393,092	415,068	441,274	482,744	528,666	(D)	228,618	238,450	261,832	284,812	311,302
Wholesale trade.....	304,983	327,261	350,812	369,832	397,085	444,416	(D)	219,129	(D)	251,455	269,516	305,483
Retail trade.....	616,099	644,680	701,100	759,297	846,876	941,188	308,585	323,657	350,958	382,636	431,035	483,515
Finance, insurance, and real estate.....	241,911	259,967	274,306	305,134	350,891	401,500	(D)	176,675	192,513	217,716	252,880	290,298
Services.....	916,412	1,035,235	1,158,118	1,309,705	1,432,677	1,605,220	483,704	545,782	613,682	687,176	766,313	865,814
Government and government enterprises.....	1,097,111	1,192,995	1,300,718	1,412,630	1,510,045	1,617,960	396,418	433,834	465,887	508,247	545,143	595,503
Federal, civilian.....	325,907	348,190	393,257	416,619	441,838	465,043	68,468	74,722	78,389	80,995	84,635	92,256
Military.....	137,135	151,053	173,382	190,536	204,379	217,871	52,492	59,518	69,091	80,532	88,117	101,266
State and local.....	634,069	693,752	734,079	805,475	863,828	935,064	274,458	299,594	318,407	346,720	372,391	401,981
Maine (Nonmetropolitan portion)												
Income by Place of Residence												
Total personal income.....	4,424,207	4,941,859	5,561,704	6,006,219	6,430,893	7,080,157	691,932	769,245	845,276	916,984	980,400	1,074,735
Nonfarm personal income.....	4,342,230	4,894,176	5,453,875	5,916,406	6,364,464	6,978,908	678,290	755,333	833,530	901,039	964,785	1,055,863
Farm income.....	81,977	47,683	107,829	89,813	66,429	101,249	13,642	13,912	11,746	15,945	15,615	18,872
Population (thousands)*.....	673.3	673.3	678.4	680.9	686.9	694.8	99.7	99.8	99.8	99.7	99.7	100.0
Per capita personal income (dollars).....	6,571	7,339	8,199	8,821	9,362	10,190	6,943	7,707	8,470	9,199	9,830	10,747
Derivation of total personal income:												
Total earnings by place of work.....	3,061,947	3,354,257	3,684,496	3,910,827	4,200,904	4,616,840	473,267	513,443	539,594	562,121	612,422	676,737
Less: Personal contributions for social insurance*.....	170,832	190,807	219,332	236,629	254,898	279,180	26,401	28,911	32,835	34,273	37,298	41,151
Plus: Adjustment for residence.....	77,307	71,440	70,692	80,908	106,139	160,760	45,379	49,937	59,707	78,157	79,960	87,357
Equals: Net earnings by place of residence.....	2,968,422	3,234,890	3,535,856	3,755,106	4,052,145	4,498,420	492,245	534,469	566,466	606,005	655,084	722,943
Plus: Dividends, interest, and rent*.....	666,409	787,563	983,327	1,100,188	1,140,510	1,294,094	87,613	103,797	129,773	147,562	149,287	169,408
Plus: Transfer payments.....	789,376	919,406	1,042,521	1,150,925	1,238,238	1,287,643	112,074	130,979	149,037	163,417	176,029	182,384
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	2,492,107	2,779,115	3,016,269	3,220,237	3,405,881	3,681,659	395,415	430,237	450,728	464,423	498,421	542,900
Other labor income.....	245,889	283,114	320,725	366,223	420,870	471,393	42,403	47,794	52,452	57,860	66,552	75,652
Proprietors' income*.....	323,951	292,028	347,502	324,367	374,153	463,788	35,449	35,412	36,414	39,838	47,449	58,185
Farm.....	42,163	6,212	65,581	42,060	19,194	52,193	522	367	-1,815	651	751	3,488
Nonfarm.....	281,788	285,816	281,921	282,307	354,959	411,535	34,927	35,045	38,229	39,187	46,698	54,697
Earnings by industry:												
Farm.....	81,977	47,683	107,829	89,813	66,429	101,249	13,642	13,912	11,746	15,945	15,615	18,872
Nonfarm.....	2,979,970	3,306,574	3,576,667	3,821,014	4,134,475	4,515,591	459,625	499,531	527,848	546,176	596,807	657,865
Private.....	2,279,277	2,547,413	2,741,836	2,916,631	3,169,573	3,493,134	414,737	452,374	477,680	491,616	538,564	594,066
Agricultural services, forestry, fisheries, and other*.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	1,543	2,092	2,042	(D)	(D)
Mining.....	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)
Construction.....	179,336	220,945	198,228	200,764	210,414	265,757	30,349	33,906	30,850	29,728	33,415	39,990
Manufacturing.....	987,803	1,104,212	1,232,378	1,293,697	1,391,591	1,497,819	156,145	170,801	182,970	179,802	197,715	212,965
Nonurable goods.....	562,255	611,430	676,744	707,905	741,147	761,869	118,731	129,665	138,279	138,437	152,173	158,199
Durable goods.....	425,548	492,782	555,634	585,792	650,444	735,950	37,414	41,136	44,691	41,365	45,542	54,766
Transportation and public utilities.....	(D)	(D)	159,953*	166,291*	184,627*	201,465*	(D)	26,368	26,942	26,457	29,049	32,376
Wholesale trade.....	(D)	99,172*	110,156*	107,503*	116,808*	127,128*	31,186	33,280	36,014	38,652	40,652	44,273
Retail trade.....	307,514	321,023	350,142	376,661	415,841	457,673	57,790	59,566	63,381	67,808	72,841	78,134
Finance, insurance, and real estate.....	(D)	77,520*	75,439*	80,196*	90,206*	102,878*	21,698	23,446	25,054	26,718	29,461	33,635
Services.....	(D)	489,453	544,436	622,529	666,364	739,406	91,740	103,443	110,393	120,424	133,202	150,430
Government and government enterprises.....	700,693	759,161	834,831	904,383	964,902	1,022,457	44,888	47,157	50,168	54,560	58,243	63,799
Federal, civilian.....	256,439	273,468	314,868	335,624	357,203	372,787	6,880	6,978	7,307	7,138	7,473	7,869
Military.....	84,643	91,535	104,291	110,004	116,262	116,605	1,394	1,622	1,849	2,071	2,298	2,426
State and local.....	359,611	394,158	415,672	458,755	491,437	533,065	36,614	38,557	41,012	45,351	48,472	53,504

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

	Aroostook, Maine						Cumberland, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	543,139	590,911	683,988	697,175	726,103	804,874	1,777,783	1,987,891	2,229,560	2,437,943	2,656,055	2,940,410
Nonfarm personal income.....	515,017	569,942	631,243	674,261	717,553	781,667	1,773,449	1,985,681	2,224,572	2,432,872	2,651,457	2,935,095
Farm income.....	28,122	20,969	52,745	22,914	8,550	23,207	4,334	2,210	4,988	5,071	4,598	5,315
Population (thousands) ¹	92.9	90.9	90.6	90.0	89.5	88.9	214.8	216.2	216.9	218.1	220.6	223.2
Per capita personal income (dollars).....	5,844	6,499	7,547	7,746	8,115	9,049	8,276	9,196	10,281	11,178	12,043	13,171
Derivation of total personal income:												
Total earnings by place of work.....	413,448	435,188	500,421	488,351	514,058	578,078	1,414,057	1,547,729	1,696,667	1,859,891	2,043,499	2,315,948
Less: Personal contributions for social insurance ²	21,789	23,595	27,205	28,555	31,083	34,098	112,549	126,789	143,272	169,654	195,929	227,128
Plus: Adjustment for residence.....	-6,732	-6,433	-7,180	-6,993	-7,333	-8,144	-117,939	-119,179	-130,801	-148,565	-164,035	-219,487
Equals: Net earnings by place of residence.....	384,927	405,160	466,036	452,803	475,642	535,836	1,216,617	1,340,637	1,462,543	1,597,181	1,754,536	1,955,465
Plus: Dividends, interest, and rent ³	56,594	69,193	88,670	102,060	96,820	110,132	292,217	339,164	417,158	457,356	489,047	553,782
Plus: Transfer payments.....	101,518	116,558	129,282	142,312	153,641	158,906	268,949	308,090	349,859	383,406	412,472	431,163
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	337,993	363,954	389,843	404,260	430,708	466,938	1,192,583	1,315,196	1,441,626	1,570,949	1,703,415	1,920,225
Other labor income.....	30,473	34,100	37,794	41,890	48,247	54,669	112,549	126,789	143,272	169,654	195,929	227,128
Proprietors' income ⁴	44,982	37,134	72,784	42,201	35,103	56,471	108,925	105,744	111,769	119,288	144,155	168,595
Farm.....	10,386	2,552	34,075	1,827	-12,207	1,666	1,818	-425	2,276	2,000	1,531	2,125
Nonfarm.....	34,596	34,582	38,709	40,374	47,310	54,805	107,107	106,169	109,493	117,288	142,624	166,470
Earnings by industry:												
Farm.....	28,122	20,969	52,745	22,914	8,550	23,207	4,334	2,210	4,988	5,071	4,598	5,315
Nonfarm.....	385,326	414,219	447,676	465,437	505,508	554,871	1,409,723	1,545,519	1,691,679	1,854,820	2,038,901	2,310,633
Private.....	269,142	291,010	313,865	321,928	350,629	391,261	1,188,698	1,303,507	1,428,747	1,564,177	1,728,109	1,967,804
Agricultural services, forestry, fisheries, and other ⁵	3,620	6,004	7,234	7,893	7,212	(D)	6,844	8,359	(D)	6,589	9,196	10,017
Mining.....	129	201	235	123	112	(D)	622	635	801	969	716	710
Construction.....	15,158	13,767	14,426	16,743	17,670	24,348	85,172	86,975	99,198	103,915	113,160	141,325
Manufacturing.....	103,372	112,859	117,839	115,939	127,579	142,418	273,445	307,945	330,769	341,741	358,225	400,172
Nondurable goods.....	58,471	66,072	67,805	72,161	71,422	73,368	137,852	156,253	170,197	182,823	199,053	212,270
Durable goods.....	44,901	46,787	50,034	43,778	56,157	69,050	135,593	151,692	160,572	158,918	159,172	187,902
Transportation and public utilities.....	(D)	27,801	31,955	29,964	33,743	37,038	136,339	141,365	143,236	163,049	172,652	187,724
Wholesale trade.....	20,588	20,638	22,307	22,572	23,580	25,487	(D)	141,468	(D)	164,430	178,947	205,618
Retail trade.....	39,348	40,292	43,358	45,495	48,027	52,770	164,856	176,624	194,732	217,702	251,616	285,859
Finance, insurance, and real estate.....	12,898	13,612	13,196	13,896	14,892	16,212	(D)	126,646	141,771	162,917	193,111	222,573
Services.....	(D)	55,836	63,315	69,303	77,814	85,367	276,221	313,490	357,017	402,865	450,486	513,806
Government and government enterprises.....	116,184	123,209	133,811	143,509	154,879	163,610	221,025	242,012	262,932	290,643	310,792	342,829
Federal, civilian.....	24,131	25,834	26,427	27,714	28,572	29,849	39,874	42,155	45,607	48,018	50,648	56,353
Military.....	43,348	46,086	52,115	57,567	63,807	66,841	48,601	55,006	64,004	75,019	81,979	94,830
State and local.....	48,705	51,289	55,269	58,228	62,500	67,820	132,550	144,851	153,321	167,606	178,165	191,646
Franklin, Maine							Hancock, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	165,090	190,393	210,477	227,785	244,657	260,771	282,325	321,887	358,462	391,779	421,924	473,405
Nonfarm personal income.....	162,427	189,060	206,953	224,056	241,315	256,720	280,439	320,017	356,049	387,914	419,031	468,291
Farm income.....	2,663	1,333	3,524	3,729	3,342	4,051	1,886	1,870	2,413	3,865	2,893	4,114
Population (thousands) ¹	26.8	27.2	27.7	28.2	28.6	29.0	42.2	41.9	42.1	42.5	42.9	43.4
Per capita personal income (dollars).....	6,166	7,007	7,599	8,075	8,550	9,043	6,695	7,689	8,520	9,217	9,833	10,900
Derivation of total personal income:												
Total earnings by place of work.....	145,856	167,864	176,419	189,120	203,511	207,611	173,830	188,341	201,089	218,829	239,713	276,208
Less: Personal contributions for social insurance ²	8,082	9,460	10,544	11,322	12,558	12,464	9,955	10,938	12,058	13,720	15,011	17,249
Plus: Adjustment for residence.....	-21,642	-24,781	-23,149	-26,803	-28,997	-25,000	3,350	10,279	10,412	10,419	11,431	11,659
Equals: Net earnings by place of residence.....	116,132	133,623	142,726	150,995	162,256	170,147	166,125	187,682	188,973	195,528	226,133	270,618
Plus: Dividends, interest, and rent ³	22,446	25,966	32,123	38,076	39,787	45,212	61,026	71,671	88,656	98,198	101,420	114,809
Plus: Transfer payments.....	26,512	30,804	35,628	38,714	42,614	45,412	54,074	62,534	70,833	78,053	84,371	87,978
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	121,845	142,677	146,432	157,384	167,849	168,041	133,805	145,887	160,121	174,071	184,052	210,684
Other labor income.....	13,445	15,911	17,212	19,750	22,401	23,694	13,485	15,167	16,951	19,891	22,784	26,911
Proprietors' income ⁴	10,566	9,276	12,775	11,986	13,261	15,876	26,540	27,287	24,017	24,867	32,877	38,613
Farm.....	1,797	431	2,606	2,692	2,317	2,987	1,141	1,080	1,577	2,917	1,922	3,099
Nonfarm.....	8,769	8,845	10,169	9,294	10,944	12,889	25,399	26,207	22,440	21,950	30,955	35,514
Earnings by industry:												
Farm.....	2,663	1,333	3,524	3,729	3,342	4,051	1,886	1,870	2,413	3,865	2,893	4,114
Nonfarm.....	143,193	166,531	172,895	185,391	200,169	203,560	171,944	186,471	198,676	214,964	236,820	272,094
Private.....	128,508	150,930	156,084	166,659	180,266	182,050	143,318	155,949	166,156	179,375	198,762	231,258
Agricultural services, forestry, fisheries, and other ⁵	270	276	278	436	398	435	9,195	9,490	5,985	5,111	10,610	11,101
Mining.....	(L)	(L)	(L)	(L)	(L)	(L)	(D)	(D)	-82	(D)	(D)	(D)
Construction.....	10,099	20,434	9,155	10,790	13,448	8,812	15,659	15,936	17,975	20,494	21,969	32,054
Manufacturing.....	87,275	97,491	109,499	113,212	119,844	119,408	42,677	49,019	54,267	58,166	60,682	69,302
Nondurable goods.....	66,901	77,923	87,974	92,006	97,864	96,258	31,992	37,973	42,713	46,791	47,856	53,544
Durable goods.....	20,374	19,568	21,525	21,206	21,980	23,150	10,685	11,046	11,554	11,375	12,826	15,758
Transportation and public utilities.....	1,286	1,365	1,413	1,694	1,880	2,236	(D)	(D)	7,352	(D)	(D)	(D)
Wholesale trade.....	(D)	(D)	(D)	(D)	(D)	(D)	5,779	6,491	7,037	7,732	8,361	9,252
Retail trade.....	10,903	10,904	11,905	13,130	15,414	17,554	23,431	24,117	26,772	30,470	33,199	37,252
Finance, insurance, and real estate.....	(D)	(D)	(D)	(D)	(D)	(D)	5,201	5,378	5,600	6,016	6,928	7,886
Services.....	13,244	14,686	16,979	19,482	21,203	24,394	(D)	37,082	41,250	44,876	49,775	56,229
Government and government enterprises.....	14,685	15,601	16,811	18,732	19,903	21,510	28,626	30,322	32,520	35,589	38,058	40,836
Federal, civilian.....	1,598	1,601	1,739	1,921	1,988	2,207	4,578	4,759	4,906	4,977	5,234	5,428
Military.....	348	410	459	530	608	691	6,350	6,842	7,448	8,195	9,408	10,509
State and local.....	12,739	13,590	14,613	16,281	17,307	18,612	17,698	18,921	20,166	22,417	23,416	24,899

See footnotes at end of tables.

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Kennebec, Maine						Knox, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	799,130	886,914	980,988	1,071,490	1,142,230	1,247,213	234,078	259,487	284,750	306,420	335,992	369,755
Nonfarm personal income.....	789,088	880,752	972,397	1,059,743	1,131,422	1,233,166	232,174	259,064	283,203	304,171	333,930	366,783
Farm income.....	10,042	6,162	8,591	11,747	10,808	14,047	1,904	423	1,547	2,249	2,062	2,972
Population (thousands)¹.....	108.7	110.2	110.5	110.8	111.0	112.2	33.2	32.9	33.4	33.5	33.9	34.2
Per capita personal income (dollars).....	7,349	8,051	8,882	9,672	10,287	11,118	7,051	7,881	8,524	9,140	9,926	10,826
Derivation of total personal income:												
Total earnings by place of work.....	643,167	694,162	742,071	799,428	854,493	935,551	147,591	156,347	162,435	169,277	188,382	211,361
Less: Personal contributions for social insurance².....	36,017	39,401	44,445	47,404	50,654	55,330	8,411	9,156	10,157	10,718	11,832	13,270
Plus: Adjustment for residence.....	-39,667	-40,419	-39,751	-40,152	-40,205	-44,201	2,882	4,021	4,685	6,760	7,454	6,186
Equals: Net earnings by place of residence.....	567,483	614,342	657,875	711,872	763,634	836,020	142,062	151,212	156,963	165,319	184,004	204,277
Plus: Dividends, interest, and rent⁴.....	101,285	118,881	147,904	167,470	171,064	194,166	49,615	58,433	72,375	79,688	85,983	97,403
Plus: Transfer payments.....	130,362	153,691	175,209	192,148	207,532	217,027	42,401	49,842	55,412	61,413	66,005	68,075
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	547,362	597,149	635,224	678,528	716,373	775,972	109,444	116,858	126,580	131,323	136,936	152,338
Other labor income.....	48,064	53,043	59,647	68,066	77,940	87,570	11,769	12,553	14,155	15,703	17,471	20,469
Proprietors' income³.....	47,741	43,970	47,200	52,834	60,180	72,009	26,378	26,936	21,700	22,251	33,975	38,554
Farm.....	5,930	1,879	4,230	6,818	5,938	8,990	1,130	-390	711	1,301	1,116	1,988
Nonfarm.....	41,811	42,091	42,970	46,016	54,242	63,019	25,248	27,326	20,989	20,950	32,859	36,566
Earnings by industry:												
Farm.....	10,042	6,162	8,591	11,747	10,808	14,047	1,904	423	1,547	2,249	2,062	2,972
Nonfarm.....	633,125	688,000	733,480	787,681	843,685	921,504	145,687	155,924	160,888	167,028	186,320	208,389
Private.....	452,958	488,739	525,893	557,317	600,022	658,286	124,461	132,408	135,903	139,710	157,053	177,196
Agricultural services, forestry, fisheries, and other⁵.....	2,129	(D)	(D)	(D)	(D)	(D)	12,272	14,309	8,734	7,004	15,684	16,470
Mining.....	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	35,742	36,686	36,401	40,843	38,221	45,868	8,543	8,183	7,552	7,862	8,876	12,615
Manufacturing.....	134,679	143,343	158,962	159,015	167,600	185,935	39,324	41,618	45,678	45,377	45,737	51,371
Nonfarm goods.....	113,535	115,578	126,103	124,060	131,811	141,751	23,890	25,048	29,058	29,023	29,753	33,504
Durable goods.....	21,144	27,765	32,859	34,955	35,789	44,184	15,434	16,570	16,620	16,354	15,984	17,867
Transportation and public utilities.....	50,036	52,974	57,618	59,956	67,198	70,259	(D)	(D)	(D)	(D)	(D)	(D)
Wholesale trade.....	30,636	33,482	35,101	37,885	42,437	46,577	(D)	(D)	7,718	(D)	(D)	(D)
Retail trade.....	65,293	68,358	74,235	78,501	85,739	92,783	17,171	17,828	20,216	22,174	25,045	26,557
Finance, insurance, and real estate.....	19,307	20,901	20,261	21,511	24,826	28,553	4,915	5,517	5,056	5,493	5,518	5,999
Services.....	115,105	130,285	140,340	156,160	170,390	184,704	28,232	30,754	33,980	38,242	42,909	48,664
Government and government enterprises.....	180,167	199,261	207,587	230,364	243,663	263,218	21,226	23,516	24,985	27,318	29,267	31,193
Federal, civilian.....	39,041	40,557	45,574	47,442	49,540	51,651	3,012	3,019	3,189	3,195	3,222	3,389
Military.....	1,699	1,981	2,191	2,354	2,737	3,189	1,636	1,868	2,380	2,582	2,952	3,328
State and local.....	139,427	156,723	159,822	180,568	191,386	208,378	16,578	18,629	19,416	21,531	23,093	24,476
Lincoln, Maine							Oxford, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	188,821	210,046	234,578	261,450	280,581	311,714	311,346	353,844	394,784	419,515	443,644	483,674
Nonfarm personal income.....	186,755	208,875	232,511	259,151	278,269	309,032	305,606	350,600	387,139	411,614	437,200	475,305
Farm income.....	2,066	1,171	2,067	2,299	2,312	2,682	5,740	3,244	7,645	7,901	6,444	8,369
Population (thousands)¹.....	25.9	25.8	26.0	26.3	27.1	27.5	48.3	49.2	49.3	48.9	49.3	49.7
Per capita personal income (dollars).....	7,289	8,157	9,030	9,953	10,335	11,325	6,444	7,198	8,008	8,577	8,992	9,740
Derivation of total personal income:												
Total earnings by place of work.....	75,404	81,811	88,297	99,066	111,006	129,302	210,045	243,699	252,025	249,088	266,185	290,946
Less: Personal contributions for social insurance².....	4,411	4,926	5,646	6,427	7,074	8,275	11,756	13,939	15,213	15,176	16,248	17,751
Plus: Adjustment for residence.....	32,803	35,133	35,891	38,727	42,427	43,343	13,748	7,268	18,127	28,092	28,773	31,048
Equals: Net earnings by place of residence.....	103,796	112,018	118,542	131,366	146,359	164,370	212,037	237,028	254,939	262,004	278,710	304,243
Plus: Dividends, interest, and rent⁴.....	51,288	58,574	71,019	80,301	80,732	91,457	43,301	51,919	74,175	75,092	85,317	97,403
Plus: Transfer payments.....	33,737	39,454	45,017	49,783	53,490	55,887	56,008	64,897	74,258	83,336	89,842	94,114
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	50,924	57,203	65,748	75,750	80,447	93,590	169,932	202,964	201,809	199,703	210,996	226,571
Other labor income.....	4,983	5,902	7,285	9,269	10,701	12,634	19,065	22,562	24,192	25,920	29,597	32,951
Proprietors' income³.....	19,497	18,706	15,264	14,047	19,858	23,078	21,048	18,173	26,024	23,465	25,592	31,424
Farm.....	1,589	666	1,542	1,703	1,710	2,055	3,271	668	5,020	4,934	3,506	5,318
Nonfarm.....	17,908	18,040	13,722	12,344	18,148	21,023	17,777	17,505	21,004	18,531	22,086	26,106
Earnings by industry:												
Farm.....	2,066	1,171	2,067	2,299	2,312	2,682	5,740	3,244	7,645	7,901	6,444	8,369
Nonfarm.....	73,338	80,640	86,230	96,767	108,694	126,620	204,305	240,455	244,380	241,187	259,741	282,577
Private.....	62,583	68,303	73,695	84,037	93,255	109,844	180,447	215,447	217,954	211,795	228,304	249,141
Agricultural services, forestry, fisheries, and other⁵.....	6,418	6,478	(D)	2,082	5,589	5,901	1,156	(D)	1,182	(D)	1,535	1,604
Mining.....	(L)	(L)	(L)	(L)	(L)	(L)	237	(D)	915	(D)	1,083	1,369
Construction.....	6,530	6,249	8,092	12,201	9,107	13,126	16,545	41,473	19,965	8,458	11,421	17,478
Manufacturing.....	10,528	10,704	12,606	13,951	14,231	16,389	101,654	106,393	126,021	124,865	130,887	137,087
Nonfarm goods.....	1,121	1,473	1,636	1,880	2,329	2,898	57,804	62,824	78,014	81,374	81,980	81,957
Durable goods.....	9,407	9,231	10,071	11,902	11,902	13,491	43,850	43,569	48,007	43,491	48,907	55,130
Transportation and public utilities.....	4,371	7,813	(D)	12,450	15,275	17,759	6,059	7,320	7,686	9,749	10,675	11,693
Wholesale trade.....	2,840	2,851	3,596	3,933	4,061	4,156	3,697	3,553	3,885	3,628	3,173	3,686
Retail trade.....	13,523	14,075	15,438	17,028	19,589	21,540	18,886	19,118	20,051	21,000	22,768	24,745
Finance, insurance, and real estate.....	2,261	2,510	2,800	3,081	3,393	4,045	5,378	5,368	4,872	5,051	5,692	6,354
Services.....	16,115	17,617	17,940	19,314	22,013	26,931	26,835	29,952	33,377	37,020	41,070	45,125
Government and government enterprises.....	10,745	12,337	12,535	12,730	15,439	16,776	23,858	25,008	26,426	29,392	31,437	33,436
Federal, civilian.....	1,692	1,686	1,835	1,995	2,181	2,181	3,031	3,108	3,543	3,700	3,767	3,866
Military.....	795	911	1,126	1,239	1,418	1,601	664	784	876	943	1,120	1,201
State and local.....	8,258	9,740	9,574	9,508	12,026	12,994	20,163	21,116	22,007	24,749	26,550	28,369

See footnotes at end of tables.

LOCAL AREA PERSONAL INCOME

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Penobscot, Maine						Piscataquis, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	939,219	1,037,272	1,151,768	1,224,252	1,321,450	1,451,501	106,127	120,037	137,403	143,498	153,289	165,850
Nonfarm personal income.....	930,371	1,033,111	1,138,346	1,214,708	1,312,780	1,441,287	104,256	118,556	133,983	140,331	150,163	162,448
Farm income.....	8,848	4,161	13,422	9,544	8,670	10,214	1,871	1,481	3,420	3,167	3,126	3,402
Population (thousands) ¹	137.2	137.1	137.5	137.7	137.8	138.4	17.6	17.7	17.6	17.8	17.9	18.0
Per capita personal income (dollars).....	6,848	7,567	8,376	8,894	9,591	10,486	6,022	6,778	7,794	8,059	8,569	9,215
Derivation of total personal income:												
Total earnings by place of work.....	731,071	794,760	861,320	902,226	989,695	1,096,641	69,137	76,632	87,319	86,517	92,124	98,956
Less: Personal contributions for social insurance ²	40,828	44,998	51,543	54,346	59,465	65,837	6,011	6,922	5,221	4,467	5,689	6,142
Plus: Adjustment for residence.....	-13,437	-20,150	-19,680	-20,934	-26,958	-30,074	5,275	5,393	5,373	7,153	7,448	8,876
Equals: Net earnings by place of residence.....	676,806	729,612	790,097	826,946	903,272	1,000,730	70,520	77,663	87,471	88,297	93,883	101,690
Plus: Dividends, interest, and rent ³	108,328	127,402	159,152	175,635	180,421	204,720	14,154	17,457	22,420	24,728	26,293	29,942
Plus: Transfer payments.....	154,085	180,258	202,519	221,671	237,757	246,051	21,453	24,917	27,512	30,473	33,113	34,218
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	610,037	672,337	718,710	751,187	813,428	892,416	55,429	62,259	68,625	68,058	71,305	75,419
Other labor income.....	61,246	69,294	76,797	87,022	102,344	117,514	6,011	6,922	8,072	8,467	9,606	10,538
Proprietors' income ⁴	59,788	53,129	65,813	64,017	73,923	86,711	7,697	7,451	10,622	9,992	11,213	12,999
Farm.....	6,118	1,326	10,555	6,306	5,487	6,915	1,279	858	2,771	2,430	2,383	2,627
Nonfarm.....	53,670	51,803	55,258	57,711	68,436	79,796	6,418	6,593	7,851	7,562	8,830	10,372
Earnings by industry:												
Farm.....	8,848	4,161	13,422	9,544	8,670	10,214	1,871	1,481	3,420	3,167	3,126	3,402
Nonfarm.....	722,223	790,599	847,898	892,682	981,025	1,086,427	67,266	75,151	83,989	83,350	88,998	95,554
Private.....	591,718	645,934	695,111	729,638	804,917	897,552	60,000	67,991	76,411	75,072	80,380	86,354
Agricultural services, forestry, fisheries, and other ⁵	3,066	4,591	5,002	5,236	4,921	4,715	(D)	597	625	703	722	800
Mining.....	1,442	1,550	1,395	1,493	1,063	777	(L)	(L)	(L)	(L)	(L)	(L)
Construction.....	42,124	43,112	34,898	34,605	41,875	52,363	1,670	1,590	1,397	1,263	1,550	1,911
Manufacturing.....	222,904	248,516	274,381	278,511	304,519	337,713	35,511	39,576	45,697	42,094	44,687	46,520
Nondurable goods.....	170,786	193,776	213,740	221,062	245,355	266,964	13,426	15,787	18,747	18,574	20,555	20,781
Durable goods.....	52,118	54,740	60,641	57,449	59,164	70,749	22,085	23,789	26,950	23,520	24,132	25,739
Transportation and public utilities.....	52,727	60,885	68,272	72,326	83,111	91,202	5,825	7,638	8,813	8,581	8,614	9,830
Wholesale trade.....	41,441	44,381	46,358	48,373	49,917	55,592	515	597	622	594	723	905
Retail trade.....	85,939	87,467	92,845	97,126	106,578	119,522	6,452	6,452	6,969	7,497	8,092	8,864
Finance, insurance, and real estate.....	26,332	26,583	25,688	28,081	30,308	34,090	(D)	1,379	1,595	1,921	1,996	2,131
Services.....	115,743	128,849	146,272	163,887	182,625	201,578	8,289	10,153	10,700	12,425	14,001	15,399
Government and government enterprises.....	130,505	144,665	152,787	163,044	176,108	188,875	7,266	7,160	7,488	8,278	8,618	9,200
Federal, civilian.....	22,714	25,589	25,475	25,839	26,514	28,034	1,538	1,425	1,205	1,292	1,373	1,402
Military.....	2,497	2,890	3,238	3,442	3,840	4,010	230	267	293	365	420	428
State and local.....	105,294	116,186	124,074	133,763	145,754	156,831	5,498	5,468	5,990	6,621	6,825	7,370
Sagadahoc, Maine							Somerset, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	207,764	240,776	273,415	295,037	321,035	356,749	258,933	286,338	345,179	377,900	399,373	435,636
Nonfarm personal income.....	205,985	240,043	271,765	293,572	319,357	354,881	251,666	284,405	337,409	371,247	392,342	427,577
Farm income.....	1,779	733	1,650	1,465	1,678	1,868	7,267	1,933	7,770	6,653	7,031	8,059
Population (thousands) ¹	28.8	28.9	29.2	29.3	29.8	30.3	45.3	45.1	45.5	45.4	46.1	46.5
Per capita personal income (dollars).....	7,222	8,334	9,362	10,053	10,781	11,763	5,714	6,355	7,585	8,323	8,663	9,372
Derivation of total personal income:												
Total earnings by place of work.....	190,777	222,793	253,612	306,417	334,610	331,189	162,664	176,002	225,360	251,292	249,852	275,622
Less: Personal contributions for social insurance ²	9,929	11,715	14,131	17,590	19,397	19,657	9,056	10,195	13,606	15,491	15,212	16,791
Plus: Adjustment for residence.....	-28,274	-35,520	-43,858	-77,816	-85,256	-54,919	22,781	23,542	17,540	12,199	28,523	31,321
Equals: Net earnings by place of residence.....	152,574	175,558	195,623	211,011	229,957	257,341	176,389	189,349	229,294	248,000	263,163	290,152
Plus: Dividends, interest, and rent ³	25,486	30,859	39,107	41,982	46,073	52,215	29,256	35,864	46,086	52,592	53,517	60,841
Plus: Transfer payments.....	29,704	34,359	38,685	42,044	45,005	47,193	53,288	61,125	69,799	77,308	82,693	84,643
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	157,469	184,599	210,316	254,266	271,847	265,717	128,315	144,845	180,924	205,741	197,558	214,729
Other labor income.....	21,758	27,162	32,754	41,967	48,960	49,506	13,604	16,212	20,053	23,290	26,444	30,286
Proprietors' income ⁴	11,550	11,032	10,542	10,184	13,803	15,966	20,745	14,945	24,383	22,261	25,850	30,607
Farm.....	1,387	328	1,244	1,005	1,230	1,405	3,910	-1,557	4,235	2,660	3,104	3,984
Nonfarm.....	10,163	10,704	9,298	9,179	12,573	14,561	16,835	16,502	20,148	19,601	22,746	26,623
Earnings by industry:												
Farm.....	1,779	733	1,650	1,465	1,678	1,868	7,267	1,933	7,770	6,653	7,031	8,059
Nonfarm.....	188,998	222,060	251,962	304,952	332,932	329,321	155,397	174,069	217,590	244,639	242,821	267,563
Private.....	161,626	192,741	217,895	271,014	298,067	300,309	134,297	151,387	193,479	218,385	215,237	237,865
Agricultural services, forestry, fisheries, and other ⁵	2,340	2,942	(D)	983	2,328	2,415	844	777	(D)	1,039	(D)	(D)
Mining.....	(L)	(L)	(L)	(L)	(L)	(L)	80	(L)	(D)	(L)	(D)	(D)
Construction.....	6,079	6,355	6,266	7,513	8,879	10,000	13,000	13,043	30,712	26,241	20,193	22,869
Manufacturing.....	117,058	142,194	166,646	214,675	233,229	229,676	68,777	79,342	89,244	94,623	112,049	125,393
Nondurable goods.....	11,532	11,887	12,102	11,607	12,256	12,364	41,297	47,932	53,094	65,612	69,780	78,352
Durable goods.....	105,526	130,307	154,544	203,068	220,973	217,312	27,480	31,410	36,150	29,011	42,269	47,041
Transportation and public utilities.....	3,262	3,453	3,651	3,380	3,342	3,955	4,751	7,701	9,505	10,272	11,295	12,367
Wholesale trade.....	(D)	2,276	(D)	2,632	2,781	3,231	3,925	4,134	4,264	4,450	4,662	4,764
Retail trade.....	9,727	10,947	12,213	13,623	15,499	16,165	16,045	17,319	19,296	20,629	22,262	24,365
Finance, insurance, and real estate.....	(D)	2,710	2,188	2,459	3,256	3,977	3,267	3,335	3,910	4,349	4,831	5,647
Services.....	17,266	21,836	22,818	25,755	28,758	30,866	23,608	25,687	35,514	56,749	38,668	41,087
Government and government enterprises.....	27,372	29,319	34,067	33,938	34,865	29,012	21,100	22,682	24,111	26,254	27,584	29,698
Federal, civilian.....	6,396	6,372	8,535	9,650	10,075	10,300	3,313	3,320	3,485	3,592	3,481	3,637
Military.....	9,538	10,789	12,571	10,732	10,379	3,345	590	680	755	822	999	1,105
State and local.....	11,438	12,158	12,961	13,556	14,411	15,367	17,197	18,682	19,871	21,840	23,104	24,956

See footnotes at end of tables.

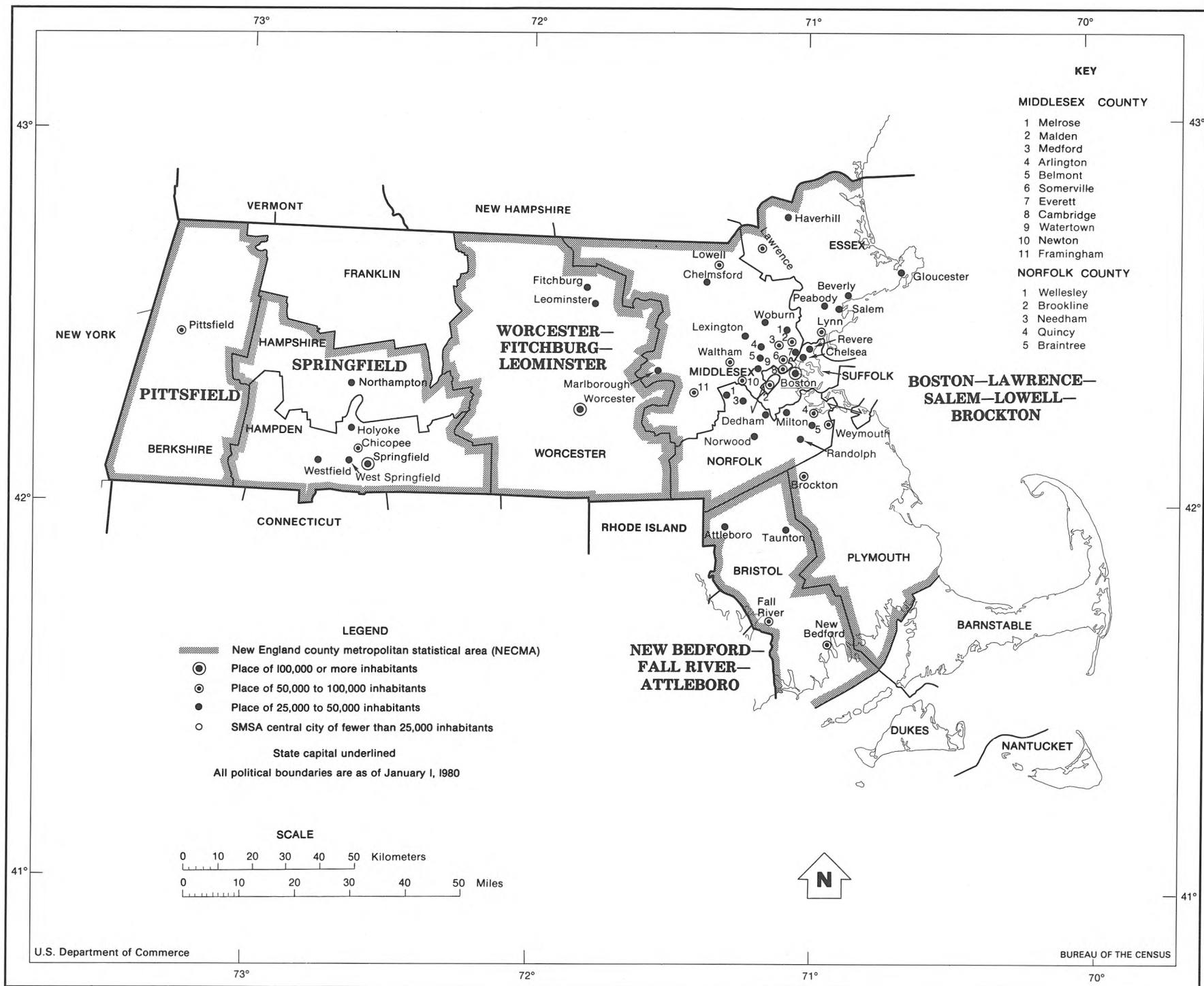
Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

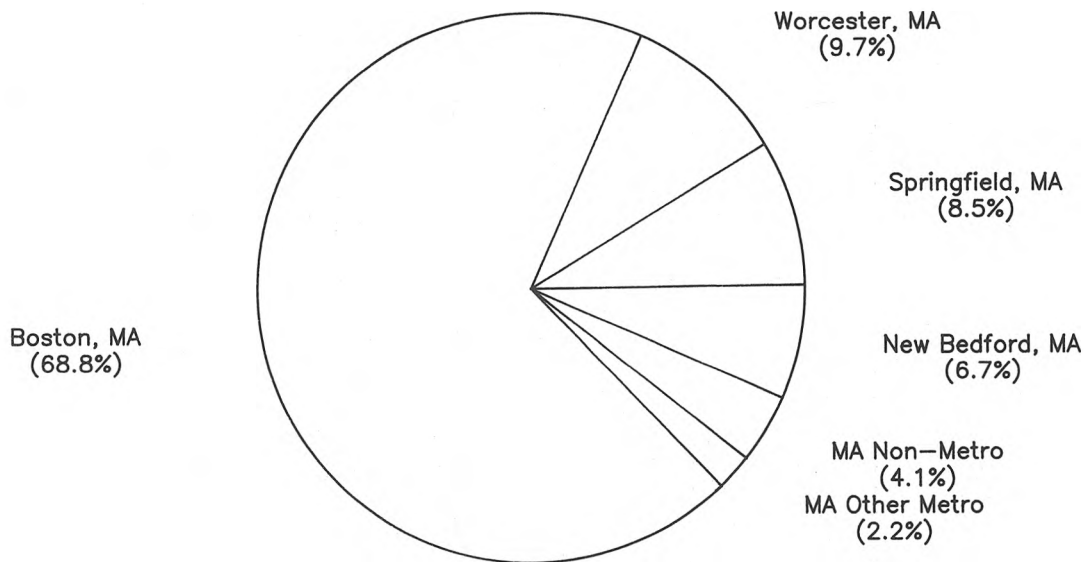
	Waldo, Maine						Washington, Maine					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	165,006	173,022	191,848	203,296	222,044	243,720	197,071	221,729	238,253	255,732	273,163	297,988
Nonfarm personal income.....	154,858	169,235	186,001	198,128	215,476	235,617	194,552	219,698	234,132	246,193	268,193	287,549
Farm income.....	10,148	3,787	5,847	5,168	6,568	8,103	2,519	2,031	4,121	9,539	4,970	10,439
Population (thousands) ¹	28.6	28.5	28.5	28.5	29.0	29.5	35.4	35.0	34.9	34.4	34.1	34.1
Per capita personal income (dollars).....	5,775	6,069	6,735	7,122	7,644	8,275	5,567	6,339	6,818	7,438	8,008	8,735
Derivation of total personal income:												
Total earnings by place of work.....	83,937	76,605	84,803	86,479	96,511	105,455	128,693	143,822	144,251	148,988	161,380	179,357
Less: Personal contributions for social insurance ²	4,353	4,393	5,090	5,386	5,837	6,380	7,371	8,374	8,861	9,003	9,972	10,848
Plus: Adjustment for residence.....	26,424	31,453	31,978	35,643	38,377	43,671	3,339	1,953	4,724	6,313	5,806	6,435
Equals: Net earnings by place of residence.....	106,008	103,665	111,691	116,736	129,051	142,746	124,661	137,401	140,114	146,298	157,214	174,944
Plus: Dividends, interest, and rent ³	26,139	29,966	36,736	39,635	42,701	48,498	24,694	28,944	36,328	40,448	41,420	47,184
Plus: Transfer payments.....	32,859	39,391	43,421	46,925	50,292	52,476	47,716	55,384	61,811	68,986	74,529	75,860
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	58,098	56,742	62,304	63,729	68,615	72,824	100,977	114,909	113,415	111,831	121,002	128,727
Other labor income.....	6,625	6,583	7,631	8,599	9,962	10,940	10,801	12,256	12,962	13,899	16,145	17,550
Proprietors' income ⁴	19,214	13,280	14,868	14,151	17,934	21,691	16,915	16,657	17,874	23,258	24,233	33,080
Farm.....	7,258	777	2,786	1,709	3,153	4,558	616	(L)	2,073	7,223	2,657	8,032
Nonfarm.....	11,956	12,503	12,082	12,442	14,781	17,133	16,299	16,617	15,801	16,035	21,576	25,048
Earnings by industry:												
Farm.....	10,148	3,787	5,847	5,168	6,568	8,103	2,519	2,031	4,121	9,539	4,970	10,439
Nonfarm.....	73,789	72,818	78,956	81,311	89,943	97,352	126,174	141,791	140,130	139,449	156,410	168,918
Private.....	63,198	61,693	66,913	68,933	76,624	82,924	101,297	116,053	112,400	109,740	124,412	134,407
Agricultural services, forestry, fisheries, and other ⁵	(D)	1,317	1,054	(D)	1,625	(D)	3,478	4,457	3,171	3,109	5,378	5,424
Mining.....	(L)	(L)	(L)	(D)	(L)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	6,048	5,599	5,542	5,807	6,996	8,743	13,174	20,289	10,465	9,938	12,695	16,499
Manufacturing.....	26,038	22,971	26,819	26,051	28,521	29,037	45,079	47,574	51,787	47,182	51,510	52,786
Nonurable goods.....	19,345	15,630	19,260	19,161	20,090	19,130	25,322	25,505	31,234	29,283	30,825	28,414
Durable goods.....	6,693	7,341	7,559	6,890	8,431	9,907	19,757	22,069	20,553	17,899	20,685	24,372
Transportation and public utilities.....	5,996	7,142	6,927	6,448	6,567	7,847	5,899	6,622	7,438	7,861	9,072	10,068
Wholesale trade.....	3,758	3,733	3,676	3,524	3,912	3,139	3,122	3,370	3,916	4,213	4,725	5,346
Retail trade.....	8,142	8,135	8,938	9,560	10,775	12,116	12,380	12,750	13,415	13,249	14,110	14,974
Finance, insurance, and real estate.....	(D)	1,291	1,456	1,596	1,737	2,066	(D)	(D)	(D)	(D)	(D)	(D)
Services.....	10,694	11,505	12,501	14,823	16,491	18,189	15,812	18,410	19,397	21,123	23,462	25,974
Government and government enterprises.....	10,591	11,125	12,043	12,378	13,319	14,428	24,877	25,738	27,730	29,709	31,998	34,511
Federal, civilian.....	2,708	2,599	2,595	2,684	2,627	2,855	6,649	7,122	7,505	7,745	8,249	8,395
Military.....	405	470	535	544	653	723	2,974	3,326	3,557	3,407	3,870	4,256
State and local.....	7,478	8,056	8,913	9,150	10,039	10,850	15,254	15,290	16,668	18,557	19,879	21,860
York, Maine												
	1979	1980	1981	1982	1983	1984						
Income by Place of Residence												
Total personal income.....	965,377	1,086,475	1,227,579	1,355,142	1,466,858	1,628,808						
Nonfarm personal income.....	959,407	1,083,929	1,221,090	1,346,025	1,460,213	1,618,872						
Farm income.....	5,970	2,546	6,489	9,117	6,645	9,936						
Population (thousands) ¹	139.6	140.3	143.0	145.2	147.6	151.5						
Per capita personal income (dollars).....	6,917	7,747	8,582	9,332	9,935	10,751						
Derivation of total personal income:												
Total earnings by place of work.....	617,398	690,991	766,394	817,975	889,079	997,204						
Less: Personal contributions for social insurance ²	35,810	40,353	46,685	50,464	54,631	60,925						
Plus: Adjustment for residence.....	63,020	59,551	55,900	87,366	97,691	109,757						
Equals: Net earnings by place of residence.....	644,608	710,189	775,609	854,877	932,139	1,046,036						
Plus: Dividends, interest, and rent ³	161,125	189,836	236,316	260,835	279,608	316,918						
Plus: Transfer payments.....	159,644	186,450	215,654	239,430	255,111	265,854						
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	520,514	589,069	654,928	695,593	748,193	830,109						
Other labor income.....	45,806	54,741	62,017	69,512	80,612	93,675						
Proprietors' income ⁴	51,078	47,181	49,449	52,870	60,274	73,420						
Farm.....	2,469	—1,120	2,711	4,841	2,365	5,484						
Nonfarm.....	48,609	48,301	46,738	48,029	57,909	67,936						
Earnings by industry:												
Farm.....	5,970	2,546	6,489	9,117	6,645	9,936						
Nonfarm.....	611,428	688,445	759,905	808,858	882,434	987,268						
Private.....	397,432	454,762	485,188	512,666	566,562	652,239						
Agricultural services, forestry, fisheries, and other ⁵	(D)	(D)	(D)	2,845	(D)	(D)						
Mining.....	(D)	(D)	(D)	(L)	(D)	(D)						
Construction.....	31,089	31,341	30,280	32,611	39,389	51,404						
Manufacturing.....	175,831	211,128	227,313	238,547	255,035	292,497						
Nonurable goods.....	97,619	107,798	109,004	116,373	124,626	119,548						
Durable goods.....	78,212	103,330	118,309	122,174	130,409	172,949						
Transportation and public utilities.....	15,424	18,145	17,595	15,936	16,966	18,413						
Wholesale trade.....	16,336	18,047	18,034	16,340	18,393	20,585						
Retail trade.....	66,213	70,728	77,336	84,305	95,322	107,988						
Finance, insurance, and real estate.....	14,657	15,519	14,505	14,823	17,137	20,008						
Services.....	74,303	85,650	96,325	107,257	119,810	136,477						
Government and government enterprises.....	213,996	233,683	274,717	296,192	315,872	335,029						
Federal, civilian.....	158,752	172,066	204,330	219,729	237,080	248,527						
Military.....	16,066	17,121	19,985	20,714	17,891	19,388						
State and local.....	39,178	44,496	50,402	55,749	60,901	67,114						

See footnotes at end of tables.

MASSACHUSETTS - New England County Metropolitan Areas, Counties, and Selected Places



**Total Personal Income 1984
Percent of State Total: Massachusetts**



**Total Personal Income
Percent Change 1979-84**

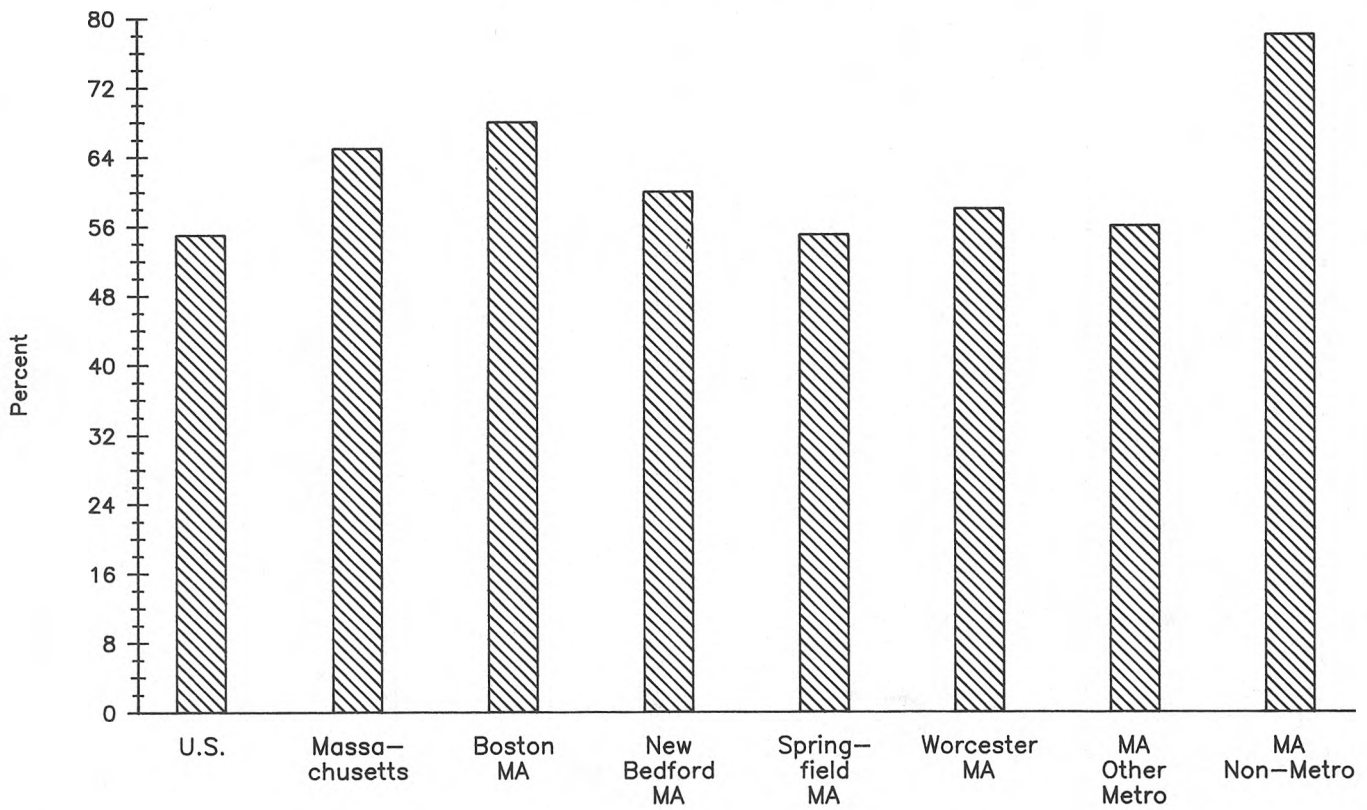


Table 5.—Personal Income for States and Counties of the New England Region, 1979–84

(Thousands of dollars)

	Commonwealth of Massachusetts						Massachusetts (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	51,796,360	57,981,447	64,923,774	70,607,190	76,679,002	85,543,272	49,825,429	55,745,574	62,369,669	67,782,827	73,563,746	82,035,209
Nonfarm personal income.....	51,688,570	57,868,946	64,794,514	70,472,320	76,534,715	85,379,182	49,729,552	55,646,509	62,256,984	67,665,118	73,436,439	81,887,345
Farm income.....	107,790	112,501	129,260	134,870	144,287	164,090	95,877	99,065	112,685	117,709	127,307	147,864
Population (thousands) ¹	5,746.2	5,742.9	5,756.7	5,749.7	5,762.7	5,797.6	5,520.9	5,515.3	5,525.9	5,517.0	5,525.8	5,553.6
Per capita personal income (dollars).....	9,014	10,096	11,278	12,280	13,306	14,755	9,025	10,107	11,287	12,286	13,313	14,771
Derivation of total personal income:												
Total earnings by place of work.....	38,781,359	42,807,375	46,860,713	50,424,204	55,639,381	62,712,432	37,799,861	41,735,216	45,676,866	49,141,189	54,204,287	61,069,979
Less: Personal contributions for social insurance ²	2,008,929	2,279,885	2,655,042	2,875,136	3,193,290	3,604,002	1,956,216	2,219,999	2,585,160	2,798,324	3,107,380	3,505,080
Plus: Adjustment for residence.....	-301,465	-319,641	-354,828	-356,173	-471,272	-645,826	-497,686	-549,868	-599,891	-623,620	-761,103	-971,322
Equals: Net earnings by place of residence.....	36,470,965	40,207,849	43,850,843	47,192,895	51,974,819	58,462,604	35,345,959	38,965,349	42,492,015	45,719,245	50,335,804	56,593,577
Plus: Dividends, interest, and rent ³	8,021,057	9,460,875	11,641,060	13,108,442	13,679,316	15,598,558	7,528,038	8,877,419	10,923,885	12,296,326	12,783,186	14,575,219
Plus: Transfer payments.....	7,304,338	8,312,723	9,431,871	10,305,853	11,024,867	11,482,110	6,951,432	7,902,806	8,953,769	9,767,256	10,444,756	10,866,413
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	33,303,852	36,940,083	40,465,441	43,381,177	47,206,285	52,972,944	32,500,291	36,054,092	39,481,560	42,319,623	46,040,331	51,642,114
Other labor income.....	3,080,530	3,496,907	3,894,463	4,446,200	5,125,882	5,868,238	3,011,822	3,419,818	3,806,561	4,342,623	5,004,693	5,726,472
Proprietors' income ⁴	2,396,977	2,370,385	2,500,809	2,596,827	3,307,214	3,871,250	2,287,748	2,261,306	2,388,745	2,478,943	3,159,263	3,701,393
Farm.....	41,765	40,143	58,260	56,220	66,956	84,073	36,262	33,719	48,543	46,670	57,419	75,539
Nonfarm.....	2,355,212	2,330,242	2,442,549	2,540,607	3,240,258	3,787,177	2,251,486	2,227,587	2,340,202	2,432,273	3,101,844	3,625,854
Earnings by industry:												
Farm.....	107,790	112,501	129,260	134,870	144,287	164,090	95,877	99,065	112,685	117,709	127,307	147,864
Nonfarm.....	38,673,569	42,694,874	46,731,453	50,289,334	55,495,094	62,548,342	37,703,984	41,636,151	45,564,181	49,023,480	54,076,980	60,922,115
Private.....	32,812,377	36,376,614	40,127,841	43,471,068	48,189,840	54,746,013	32,013,307	35,503,209	39,159,551	42,416,892	47,000,239	53,374,604
Agricultural services, forestry, fisheries, and other ⁵	166,302	166,185	181,367	188,589	223,039	244,301	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	19,138	21,801	22,943	25,834	27,203	31,754	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	1,571,904	1,687,557	1,867,473	2,037,184	2,325,694	2,816,710	1,509,332	1,487,835*	1,649,571*	1,939,146*	2,233,022	2,700,581
Manufacturing.....	11,346,793	12,682,478	13,817,802	14,432,521	15,414,578	17,598,990	11,206,431	12,530,123	13,652,678	14,259,356	15,232,706	17,389,188
Nondurable goods.....	3,528,964	3,791,807	4,020,784	4,196,504	4,438,807	4,881,973	3,472,656	3,726,402	3,952,513	4,120,576	4,353,840	4,787,072
Durable goods.....	7,817,829	8,890,671	9,797,018	10,236,017	10,975,771	12,717,017	7,733,775	8,803,721	9,700,165	10,138,780	10,878,866	12,602,116
Transportation and public utilities.....	2,528,853	2,771,121	2,991,894	3,223,778	3,498,356	3,673,407	2,451,238	(D)	(D)	3,091,688*	3,386,580	3,548,593
Wholesale trade.....	2,518,586	2,836,680	3,027,276	3,207,112	3,596,064	4,204,906	2,485,924	2,801,091	2,987,746	3,167,027	3,551,883	4,152,686
Retail trade.....	3,754,530	3,999,742	4,325,273	4,598,627	5,217,900	6,013,546	3,571,904	4,103,941	4,357,907	4,936,825	5,689,652	6,589,652
Finance, insurance, and real estate.....	2,464,525	2,768,403	3,097,330	3,437,890	3,947,060	4,457,973	2,420,331	(D)	(D)	3,305,739*	3,800,868*	4,286,760*
Services.....	8,441,746	9,442,647	10,796,483	12,319,533	13,939,946	15,704,426	8,195,319	(D)	(D)	11,972,302	13,540,846	15,253,168
Government and government enterprises.....	5,861,192	6,318,260	6,603,612	6,818,266	7,305,254	7,802,329	5,690,677	6,132,942	6,404,630	6,606,588	7,076,741	7,547,511
Federal, civilian.....	1,120,421	1,199,489	1,309,574	1,353,804	1,420,395	1,520,505	1,093,115	1,171,462	1,277,192	1,320,278	1,384,448	1,474,800
Military.....	250,946	269,716	325,867	346,723	387,011	401,541	237,257	254,910	308,113	326,005	363,457	376,326
State and local.....	4,489,825	4,849,055	4,968,171	5,117,739	5,497,848	5,880,283	4,360,305	4,706,570	4,819,325	4,960,305	5,328,836	5,696,385

	Massachusetts (Nonmetropolitan portion)						Barnstable, Massachusetts					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,970,931	2,235,873	2,554,105	2,824,363	3,115,256	3,508,063	1,368,467	1,561,804	1,796,302	1,993,119	2,214,577	2,508,701
Nonfarm personal income.....	1,959,018	2,222,437	2,537,530	2,807,202	3,098,276	3,491,837	1,366,300	1,559,206	1,793,282	1,989,536	2,210,354	2,503,799
Farm income.....	11,913	13,436	16,575	17,161	16,980	16,226	2,167	2,598	3,020	3,583	4,223	4,902
Population (thousands) ¹	225.3	227.5	230.8	232.7	236.9	243.9	146.3	149.1	152.0	153.9	157.4	163.1
Per capita personal income (dollars).....	8,747	9,826	11,067	12,137	13,152	14,381	9,356	10,476	11,816	12,949	14,067	15,379
Derivation of total personal income:												
Total earnings by place of work.....	981,498	1,072,159	1,183,847	1,283,015	1,435,094	1,642,453	625,063	685,576	764,387	832,565	946,144	1,102,571
Less: Personal contributions for social insurance ²	52,713	59,886	69,882	76,812	85,910	98,922	34,424	39,332	46,257	51,001	57,761	67,500
Plus: Adjustment for residence.....	196,221	230,227	244,863	267,447	289,831	325,496	140,399	164,201	172,598	189,127	203,134	224,145
Equals: Net earnings by place of residence.....	1,125,006	1,242,500	1,358,828	1,473,650	1,639,015	1,869,027	731,038	810,445	890,728	970,691	1,091,517	1,259,216
Plus: Dividends, interest, and rent ³	493,019	583,456	717,175	812,116	896,130	1,023,339	378,124	447,895	550,545	625,774	696,961	795,270
Plus: Transfer payments.....	352,906	409,917	478,102	538,597	580,111	615,697	259,305	303,464	355,029	396,654	426,099	454,215
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	803,561	885,991	983,881	1,061,554	1,165,954	1,330,830	516,225	571,294	643,317	694,479	774,437	900,267
Other labor income.....	68,708	77,089	87,902	103,577	121,189	141,766	40,581	45,781	53,599	63,963	76,678	91,132
Proprietors' income ⁴	109,229	109,079	112,064	117,884	147,951	169,857	68,257	68,501	67,471	74,123	95,029	111,172
Farm.....	5,503	6,424	9,717	9,550	9,537	8,534	1,477	1,842	2,265	2,748	3,383	4,030
Nonfarm.....	103,726	102,655	102,347	108,334	138,414	161,323	66,780	66,659	65,206	71,375	91,646	107,142
Earnings by industry:												
Farm.....	11,913	13,436	16,575	17,161	16,980	16,226	2,167	2,598	3,020	3,583	4,223	4,902
Nonfarm.....	969,585	1,058,723	1,167,272	1,265,854	1,418,114	1,626,227	622,896	682,978	761,367	828,982	941,921	1,097,669
Private.....	799,070	873,405	968,290	1,054,176	1,189,601	1,371,409	497,685	546,644	615,326	672,634	773,337	906,519
Agricultural services, forestry, fisheries, and other ⁵	(D)	10,243*	(D)	(D)	(D)	(D)	(D)	7,412	8,418	9,422	11,444	13,154
Mining.....	(D)	972	(D)	(D)	(D)	(D)	(D)	617	(D)	(D)	741	947
Construction.....	62,572	(D)	(D)	(D)	(D)	92,672	116,129	41,153	(D)	(D)	61,776	78,546
Manufacturing.....	140,362	152,355	165,124	173,165	181,872	209,802	39,591	45,121	54,054	59,402	69,660	85,795
Nondurable goods.....	56,308	65,405	68,271	75,928	84,967	94,901	15,399	18,168	17,830	20,595	22,625	25,926
Durable goods.....	84,054	86,950	96,853	97,237	96,905	114,901	24,192	26,953	36,224	38,807	47,035	59,869
Transportation and public utilities.....	77,615	(D)	103,516	(D)	111,776	124,814	55,427	(D)	69,938	(D)	72,255	80,946
Wholesale trade.....	32,662	35,589	39,530	40,085	44,181	52,220	18,615	20,612	24,995	25,486	28,067	33,465
Retail trade.....	182,626	(D)	221,332	240,720	281,075	323,894	136,278	(D)	165,775	178,344	208,779	243,346
Finance, insurance, and real estate.....	44,194	43,907*	48,366*	52,203*	55,639*	66,311*	31,756	34,121	37,850	40,975	44,509	54,776
Services.....	246,427	(D)	302,449	347,231	399,100	451,258	166,509	(D)	207,642	239,309	276,106	315,544
Government and government enterprises.....	170,515	185,318	198,982	211,678	228,513	254,818	125,211	136,334	146,041	156,348	168,584	191,150
Federal, civilian.....	27,306</											

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued
 [Thousands of dollars]

	Berkshire, Massachusetts						Bristol, Massachusetts					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,185,592	1,310,243	1,461,498	1,575,358	1,681,428	1,851,911	3,600,259	3,995,788	4,421,778	4,833,207	5,222,505	5,759,171
Nonfarm personal income.....	1,179,195	1,303,962	1,454,568	1,568,150	1,673,365	1,844,455	3,590,238	3,985,779	4,409,352	4,821,059	5,209,337	5,744,170
Farm income.....	6,397	6,281	6,930	7,208	8,063	7,456	10,021	10,009	12,426	12,148	13,168	15,001
Population (thousands) ¹	145.4	145.1	143.9	142.3	142.1	142.4	473.4	476.0	477.4	476.1	474.5	477.9
Per capita personal income (dollars).....	8,152	9,031	10,154	11,072	11,831	13,003	7,605	8,394	9,263	10,152	11,007	12,051
Derivation of total personal income:												
Total earnings by place of work.....	844,782	908,965	982,461	1,035,006	1,116,083	1,231,013	2,319,612	2,460,285	2,637,669	2,820,164	3,101,990	3,442,822
Less: Personal contributions for social insurance ²	43,904	48,570	56,049	59,555	64,670	71,682	121,286	132,639	151,251	162,731	180,220	200,733
Plus: Adjustment for residence.....	-1,064	341	-178	1,923	2,157	3,386	369,221	472,609	530,096	572,628	636,502	708,124
Equals: Net earnings by place of residence.....	799,814	860,736	926,234	977,374	1,053,570	1,162,717	2,567,547	2,800,255	3,016,514	3,230,061	3,558,272	3,950,213
Plus: Dividends, interest, and rent ³	197,062	235,181	291,662	332,154	338,672	386,769	443,780	522,358	644,436	763,150	771,935	881,793
Plus: Transfer payments.....	188,716	214,326	243,602	265,830	289,186	302,425	588,932	673,175	760,828	839,996	892,298	927,165
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	716,324	774,779	835,876	879,388	933,117	1,024,826	1,981,563	2,106,304	2,256,571	2,405,275	2,610,201	2,883,050
Other labor income.....	71,090	78,524	86,279	95,635	107,296	119,984	196,765	214,636	235,720	267,815	306,356	345,632
Proprietors' income ⁴	57,368	55,662	60,306	59,983	75,670	86,203	141,284	139,345	145,378	147,074	185,433	214,140
Farm.....	3,836	3,478	4,165	4,143	5,035	4,321	5,438	4,990	7,507	6,696	7,821	9,471
Nonfarm.....	53,532	52,184	56,141	55,840	70,635	81,882	135,846	134,355	137,871	140,378	177,612	204,669
Earnings by industry:												
Farm.....	6,397	6,281	6,930	7,208	8,063	7,456	10,021	10,009	12,426	12,148	13,168	15,001
Nonfarm.....	838,385	902,684	975,531	1,027,798	1,108,020	1,223,557	2,309,591	2,450,276	2,625,243	2,808,016	3,088,822	3,427,821
Private.....	748,457	803,103	874,829	924,997	997,841	1,108,156	1,992,400	2,105,881	2,265,768	2,434,206	2,689,677	3,004,301
Agricultural services, forestry, fisheries, and other ⁵	2,351	2,295	(D)	3,409	3,810	4,334	52,393	49,370	(D)	(D)	(D)	(D)
Mining.....	1,863	1,846	(D)	1,978	2,098	2,290	833	1,274	(D)	(D)	(D)	(D)
Construction.....	32,856	35,189	38,443	40,724	49,661	58,421	83,685	87,493	90,105	100,171	128,479	154,817
Manufacturing.....	354,274	383,131	412,016	420,293	430,001	477,739	987,374	1,029,764	1,100,372	1,159,355	1,243,961	1,392,169
Nondurable goods.....	110,812	115,949	127,201	127,644	137,896	144,230	460,103	487,599	491,628	549,816	602,205	682,205
Durable goods.....	243,462	267,182	284,815	292,576	302,357	339,843	543,144	569,661	612,773	667,727	694,145	789,964
Transportation and public utilities.....	36,410	32,220	34,433	37,163	38,721	39,454	101,909	113,053	116,234	128,284	139,816	144,820
Wholesale trade.....	31,823	36,396	40,332	41,818	46,294	51,824	122,654	134,438	151,628	167,267	188,233	218,233
Retail trade.....	91,717	95,166	103,634	109,683	120,863	136,832	244,388	257,164	279,406	295,386	333,175	381,939
Finance, insurance, and real estate.....	35,074	37,225	41,493	42,179	45,822	51,570	77,873	84,439	91,192	97,700	107,447	118,077
Services.....	162,089	179,635	199,574	227,750	260,571	285,692	321,291	356,852	400,903	452,432	507,948	563,106
Government and government enterprises.....	89,928	99,581	100,702	102,801	110,179	115,401	317,191	344,395	359,475	373,810	399,145	423,520
Federal, civilian.....	9,267	9,600	10,865	13,977	14,310	14,925	23,845	24,668	27,655	27,914	28,817	31,738
Military.....	3,604	3,962	5,018	5,205	6,147	6,164	11,367	12,485	16,771	17,312	19,826	20,193
State and local.....	77,057	86,019	84,819	83,619	89,722	94,312	281,979	307,242	315,049	328,584	350,502	371,589

	Dukes, Massachusetts						Essex, Massachusetts					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	73,950	82,229	93,753	104,869	117,282	132,175	5,933,647	6,673,441	7,517,408	8,164,674	8,941,878	10,021,650
Nonfarm personal income.....	72,991	81,334	92,712	103,801	116,116	131,228	5,926,836	6,666,696	7,508,423	8,155,973	8,932,510	10,010,657
Farm income.....	959	895	1,041	1,068	1,166	947	6,811	6,745	8,985	8,701	9,368	10,993
Population (thousands) ¹	9.2	8.9	9.3	9.6	9.8	10.1	633.1	634.7	637.4	639.8	639.8	645.8
Per capita personal income (dollars).....	8,049	9,193	10,096	10,892	11,948	13,133	9,373	10,514	11,793	12,762	13,975	15,518
Derivation of total personal income:												
Total earnings by place of work.....	43,919	47,081	51,363	56,373	64,558	73,268	3,515,891	3,925,961	4,308,736	4,579,052	5,030,142	5,726,477
Less: Personal contributions for social insurance ²	2,304	2,592	2,998	3,334	3,802	4,349	182,916	210,256	244,970	262,669	289,784	330,524
Plus: Adjustment for residence.....	-2,868	-3,070	-3,252	-3,582	-4,072	-5,017	874,281	946,433	1,050,283	1,180,777	1,378,627	1,524,780
Equals: Net earnings by place of residence.....	38,747	41,419	45,113	49,457	56,684	63,902	4,207,256	4,662,138	5,114,049	5,497,160	6,118,985	6,920,733
Plus: Dividends, interest, and rent ³	22,771	26,148	31,443	35,206	39,055	45,432	890,590	1,068,602	1,329,336	1,504,516	1,584,260	1,806,577
Plus: Transfer payments.....	12,432	14,662	17,197	20,206	21,543	22,841	835,801	942,701	1,074,023	1,162,998	1,238,633	1,294,340
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	34,727	37,671	41,473	45,461	50,950	57,860	2,949,043	3,311,299	3,648,680	3,861,093	4,172,110	4,735,439
Other labor income.....	2,562	2,902	3,252	3,967	4,840	5,661	299,597	346,609	393,225	440,054	503,944	579,990
Proprietors' income ⁴	6,630	6,508	6,638	6,945	8,768	9,747	267,251	268,053	266,831	277,905	354,088	411,048
Farm.....	794	715	864	873	973	746	2,486	2,004	4,315	3,533	4,260	5,702
Nonfarm.....	5,836	5,793	5,774	6,072	7,795	9,001	264,765	266,049	262,516	274,372	349,828	405,346
Earnings by industry:												
Farm.....	959	895	1,041	1,068	1,166	947	6,811	6,745	8,985	8,701	9,368	10,993
Nonfarm.....	42,960	46,186	50,322	55,305	63,392	72,321	3,509,080	3,919,216	4,299,751	4,570,351	5,020,774	5,715,484
Private.....	36,235	38,962	41,902	46,226	53,603	62,042	3,010,137	3,385,312	3,745,535	4,003,279	4,423,307	5,072,625
Agricultural services, forestry, fisheries, and other ⁵	1,240	(D)	1,134	1,219	1,640	1,917	(D)	(D)	29,718	28,528	33,874	35,832
Mining.....	(L)	(L)	(D)	(D)	(D)	(D)	(D)	730	(D)	485	749	695
Construction.....	4,575	4,429	4,961	5,777	6,624	8,097	139,452	145,722	154,416	166,734	211,052	261,108
Manufacturing.....	1,413	1,787	1,731	1,715	2,013	2,312	1,375,475	1,607,517	1,794,537	1,851,578	1,953,986	2,290,707
Nondurable goods.....	667	1,089	930	940	1,121	1,302	365,088	391,267	426,972	428,351	453,019	522,332
Durable goods.....	746	698	801	775	892	1,010	1,010,387	1,216,250	1,367,565	1,423,227	1,500,967	1,768,375
Transportation and public utilities.....	2,360	2,728	2,842	2,709	3,132	3,833	192,996	(D)	(D)	237,908	252,075	238,280
Wholesale trade.....	1,518	1,475	1,677	1,840	2,111	2,405	180,552	205,464	228,653	241,693	286,905	343,918
Retail trade.....	8,541	9,678	10,831	12,588	14,849	17,320	392,284	(D)	443,962	483,596	546,923	615,877
Finance, insurance, and real estate.....	3,413	(D)	(D)	(D)	(D)	(D)	128,668	136,828	142,435	155,027	175,714	197,257
Services.....	13,175	13,875	15,045	16,593	19,082	20,991	567,810	641,521	729,842	837,730	962,029	1,088,951
Government and government enterprises.....	6,725	7,224	8,420	9,079	9,789	10,279	498,943	533,904	554,216	567,072	597,467	642,859
Federal, civilian.....	670	692	781	852	879	1,022	71,357	77,382	85,393	85,902	89,610	101,073
Military.....	462	496	614	706	807	845	9,817	10,949	13,538	14,972	17,753	17,875
State and local.....	5,593	6,036	7,025	7,521	8,103	8,412	417,769	445,573	455,285	466,198	490,104	523,911

See footnotes at end of tables.

LOCAL AREA PERSONAL INCOME

MASSACHUSETTS

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued
[Thousands of dollars]

	Franklin, Massachusetts						Hampden, Massachusetts					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	478,598	534,281	597,762	652,217	699,230	771,358	3,663,643	4,057,498	4,486,690	4,812,838	5,095,830	5,619,038
Nonfarm personal income.....	469,811	524,338	585,248	639,707	687,639	760,981	3,655,967	4,049,121	4,474,421	4,800,833	5,086,777	5,609,013
Farm income.....	8,787	9,943	12,514	12,510	11,591	10,377	7,676	8,377	12,269	12,005	9,053	10,025
Population (thousands)*	64.6	64.5	64.3	63.7	64.0	64.9	444.1	443.0	444.2	442.0	442.2	442.7
Per capita personal income (dollars)	7,406	8,288	9,296	10,238	10,926	11,891	8,250	9,159	10,101	10,889	11,525	12,692
Derivation of total personal income:												
Total earnings by place of work.....	283,054	305,397	330,431	350,104	372,223	406,238	2,704,674	2,922,118	3,095,024	3,227,207	3,455,199	3,807,920
Less: Personal contributions for social insurance ^a	14,427	16,078	18,428	19,894	21,294	23,539	140,292	155,717	175,742	184,709	199,340	220,451
Plus: Adjustment for residence.....	60,168	70,947	77,624	84,558	93,870	110,015	-24,831	-22,195	7,648	43,399	62,945	93,788
Equals: Net earnings by place of residence.....	328,795	360,266	389,627	414,768	444,799	492,714	2,539,551	2,744,206	2,926,930	3,085,897	3,318,804	3,681,257
Plus: Dividends, interest, and rent ^a	75,635	89,765	110,984	125,039	132,057	150,743	521,929	631,194	789,916	885,411	875,844	1,001,074
Plus: Transfer payments.....	74,168	84,250	97,151	112,410	122,374	127,901	602,163	682,098	769,844	841,530	901,182	936,707
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	229,622	249,851	268,053	284,948	297,957	323,654	2,312,891	2,508,613	2,657,119	2,757,902	2,911,038	3,190,358
Other labor income.....	23,950	26,418	28,658	32,543	35,891	40,416	236,513	262,204	279,541	308,593	346,566	387,700
Proprietors' income ^a	29,482	29,128	33,720	32,613	38,375	42,168	155,270	151,301	158,364	160,712	197,595	229,862
Farm.....	3,232	3,867	6,588	5,929	5,181	3,758	2,461	2,663	6,694	5,822	3,018	3,788
Nonfarm.....	26,250	25,261	27,132	26,684	33,194	38,410	152,809	148,638	151,670	154,890	194,577	226,074
Earnings by industry:												
Farm.....	8,787	9,943	12,514	12,510	11,591	10,377	7,676	8,377	12,269	12,005	9,053	10,025
Nonfarm.....	274,267	295,454	317,917	337,594	360,632	395,861	2,696,998	2,913,741	3,082,755	3,215,202	3,446,146	3,797,895
Private.....	240,675	259,196	279,416	298,005	317,637	350,183	2,308,428	2,493,955	2,644,083	2,759,177	2,954,951	3,281,271
Agricultural services, forestry, fisheries, and other ^a	(D)	2,010	(D)	(D)	(D)	(D)	5,326	(D)	6,801	7,545	8,471	9,650
Mining.....	(D)	339	(D)	(D)	(D)	(D)	2,372	2,490	2,575	2,875	3,163	3,447
Construction.....	12,978	13,818	13,324	13,851	16,883	20,262	108,898	(D)	(D)	125,540	135,950	157,919
Manufacturing.....	98,706	104,655	108,025	110,946	109,034	120,444	997,966	1,063,834	1,095,386	1,085,456	1,105,419	1,224,625
Nonfarm.....	39,872	45,697	48,620	53,665	60,403	66,787	393,636	421,447	429,331	438,552	472,047	519,852
Durable goods.....	58,834	58,958	59,405	57,281	48,631	53,657	604,330	642,387	666,055	646,904	633,372	704,773
Transportation and public utilities.....	18,019	20,979	27,338	29,708	32,159	34,753	181,424	185,646	(D)	208,311	226,696	231,012
Wholesale trade.....	12,126	13,106	13,294	12,398	13,581	15,862	162,403	180,609	191,415	204,596	206,704	243,798
Retail trade.....	30,061	31,945	35,036	38,145	42,799	47,001	255,013	271,685	288,181	301,987	335,202	375,881
Finance, insurance, and real estate.....	7,514	8,072	8,693	9,133	8,619	8,384	165,747	(D)	201,825	219,521	249,814	273,161
Services.....	58,829	64,272	70,703	80,111	90,517	99,128	429,279	483,725	540,270	603,346	683,532	761,778
Government and government enterprises.....	33,592	36,258	38,501	39,589	42,995	45,678	388,570	419,786	438,672	456,025	491,195	516,624
Federal, civilian.....	3,332	3,504	3,978	3,984	4,066	4,223	83,868	86,318	99,760	105,636	110,371	118,928
Military.....	828	929	1,144	1,257	1,515	1,530	7,678	8,516	10,880	12,103	13,003	12,273
State and local.....	29,432	31,825	33,379	34,348	37,414	39,925	297,024	324,952	328,032	338,286	367,821	385,423

	Hampshire, Massachusetts						Middlesex, Massachusetts					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,035,740	1,160,116	1,289,453	1,401,928	1,497,062	1,662,534	13,923,428	15,692,917	17,674,856	19,460,218	21,173,384	23,679,112
Nonfarm personal income.....	1,027,125	1,149,550	1,278,563	1,393,950	1,486,971	1,650,634	13,899,508	15,669,445	17,649,656	19,433,198	21,144,423	23,640,921
Farm income.....	8,615	10,566	10,890	7,978	10,091	11,900	23,920	23,472	25,200	27,020	28,961	38,191
Population (thousands)*	138.5	139.2	139.4	140.5	140.1	141.2	1,370.9	1,367.2	1,368.0	1,362.4	1,365.7	1,369.4
Per capita personal income (dollars)	7,480	8,335	9,249	9,981	10,686	11,773	10,157	11,478	12,921	14,284	15,504	17,292
Derivation of total personal income:												
Total earnings by place of work.....	573,202	615,044	673,871	719,871	818,576	899,421	10,407,004	11,667,555	13,021,437	14,267,839	15,942,240	18,271,162
Less: Personal contributions for social insurance ^a	29,758	33,491	38,266	41,161	47,142	51,997	535,334	615,229	732,814	810,295	907,876	1,040,778
Plus: Adjustment for residence.....	195,317	231,211	238,643	252,869	234,919	276,047	256,814	212,639	88,134	82,200	-51,490	-368,733
Equals: Net earnings by place of residence.....	738,761	812,764	874,248	931,579	1,006,353	1,123,471	10,128,484	11,264,965	12,376,757	13,539,744	14,982,874	16,861,651
Plus: Dividends, interest, and rent ^a	160,191	190,509	236,046	270,280	273,396	311,992	2,204,688	2,615,440	3,230,797	3,655,846	3,772,396	4,294,671
Plus: Transfer payments.....	136,788	156,843	179,159	200,069	217,313	227,071	1,590,256	1,812,512	2,067,302	2,264,628	2,418,114	2,522,790
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	489,302	525,780	575,116	615,690	689,096	751,818	8,866,964	9,991,942	11,194,326	12,219,022	13,454,153	15,369,119
Other labor income.....	40,520	44,925	51,182	57,991	70,375	78,252	806,131	940,331	1,064,293	1,229,353	1,444,219	1,676,217
Proprietors' income ^a	43,380	44,339	47,573	46,190	59,105	69,351	733,909	735,282	762,818	819,464	1,043,868	1,225,826
Farm.....	2,625	4,004	4,484	874	3,155	4,734	6,514	4,378	6,560	6,378	8,767	17,312
Nonfarm.....	40,755	40,335	43,089	45,316	55,950	64,617	727,395	730,904	756,258	813,086	1,035,101	1,208,514
Earnings by industry:												
Farm.....	8,615	10,566	10,890	7,978	10,091	11,900	23,920	23,472	25,200	27,020	28,961	38,191
Nonfarm.....	564,587	604,478	662,981	711,893	808,485	887,521	10,383,084	11,644,083	12,996,237	14,240,819	15,913,279	18,232,971
Private.....	380,472	407,345	446,118	482,175	562,881	626,000	9,095,660	10,263,127	11,528,771	12,738,574	14,301,785	16,508,225
Agricultural services, forestry, fisheries, and other ^a	2,174	(D)	2,536	3,066	(D)	(D)	23,088	25,121	(D)	38,027	44,626	52,565
Mining.....	168	194	(L)	(L)	(D)	(D)	4,276	4,432	(D)	6,477	6,187	6,952
Construction.....	22,879	(D)	(D)	(D)	32,305	39,117	449,252	504,728	584,025	642,420	706,880	848,311
Manufacturing.....	121,169	130,352	141,341	143,263	174,200	192,937	3,451,061	4,057,046	4,529,062	4,922,909	5,483,603	6,421,244
Nonfarm.....	76,204	80,813	83,409	88,142	110,566	122,206	696,470	757,179	796,945	855,319	925,640	1,032,425
Durable goods.....	44,965	49,539	53,199	49,854	63,634	70,731	2,754,591	3,299,867	3,732,117	4,067,590	4,557,963	5,388,819
Transportation and public utilities.....	18,491	20,297	(D)	(D)	27,795	25,968	537,328	568,097	613,286	654,951	708,286	749,997
Wholesale trade.....	14,982	16,363	16,845	19,026	22,384	25,468	757,335	864,940	910,871	981,455	1,115,185	1,332,334
Retail trade.....	63,785	64,860	68,769	71,734	81,553	92,676	917,814	990,110	1,087,710	1,160,797	1,317,748	1,505,104
Finance, insurance, and real estate.....	15,635	17,241	18,629	22,136	24,570	26,666	332,589	347,218	354,033	391,765	475,208	557,841
Services.....	121,189	133,926	152,914	173,868	196,791	219,393	2,622,917	2,901,435	3,414,452	3,939,773	4,444,062	5,033,877
Government and government enterprises.....	184,115	197,133	216,863	229,718	245,604	261,521	1,287,424	1,380,956	1,467,466	1,502,245	1,611,494	1,724,746
Federal, civilian.....	24,863	28,095	30,170	31,544	32,704	34,528	282,232	309,286	332,093	337,339	356,775	378,000
Military.....	2,132	2,385	2,955	3,381	3,996	4,323	127,407	135,957	163,928	173,572	189,673	200,859
State and local.....	157,120	166,653	183,738	194,793	208,904	222,670	877,785	935,713	971,445	991,334	1,065,046	1,145,887

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued
(Thousands of dollars)

	Nantucket, Massachusetts						Norfolk, Massachusetts					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	49,916	57,559	66,288	74,158	84,167	95,829	6,584,083	7,333,576	8,210,123	9,025,883	9,780,998	10,930,160
Nonfarm personal income.....	49,916	57,559	66,288	74,158	84,167	95,829	6,577,451	7,327,291	8,203,576	9,019,040	9,773,407	10,920,457
Farm income.....	(L)	(L)	(L)	(L)	(L)	(L)	6,632	6,285	6,547	6,843	7,591	9,703
Population (thousands) ¹	5.2	5.0	5.2	5.4	5.6	5.9	608.7	606.3	606.3	602.4	601.9	603.6
Per capita personal income (dollars).....	9,513	11,405	12,797	13,629	14,950	16,309	10,817	12,095	13,541	14,983	16,251	18,107
Derivation of total personal income:												
Total earnings by place of work.....	29,462	34,105	37,666	43,973	52,169	60,376	3,732,440	4,120,778	4,514,016	4,877,838	5,521,188	6,297,251
Less: Personal contributions for social insurance ²	1,558	1,884	2,199	2,583	3,053	3,534	192,894	220,914	257,152	281,333	319,235	365,106
Plus: Adjustment for residence.....	-1,478	-1,851	-2,107	-2,656	-3,101	-3,647	1,140,267	1,233,925	1,329,713	1,527,439	1,523,953	1,638,658
Equals: Net earnings by place of residence.....	26,426	30,370	33,360	38,734	46,015	53,195	4,679,813	5,133,789	5,586,577	6,123,944	6,725,906	7,570,803
Plus: Dividends, interest, and rent ³	16,489	19,648	24,203	26,097	28,057	31,894	1,167,620	1,362,112	1,662,062	1,841,152	1,909,733	2,176,425
Plus: Transfer payments.....	7,001	7,541	8,725	9,327	10,095	10,740	736,650	837,675	961,484	1,060,787	1,145,359	1,182,932
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	22,987	27,175	31,038	36,666	42,610	49,049	3,069,165	3,421,619	3,772,162	4,052,170	4,513,680	5,121,373
Other labor income.....	1,615	1,988	2,393	3,104	3,780	4,557	279,527	316,494	360,147	411,600	481,438	560,674
Proprietors' income ⁴	4,860	4,942	4,235	4,203	5,779	6,770	383,748	382,665	381,707	414,068	526,070	615,204
Farm.....	(L)	(L)	(L)	(L)	(L)	(L)	4,028	3,433	3,689	3,682	4,407	6,395
Nonfarm.....	4,860	4,942	4,235	4,203	5,779	6,770	379,720	379,232	378,018	410,386	521,663	608,809
Earnings by industry:												
Farm.....	(L)	(L)	(L)	(L)	(L)	(L)	6,632	6,285	6,547	6,843	7,591	9,703
Nonfarm.....	29,462	34,105	37,666	43,973	52,169	60,376	3,725,808	4,114,493	4,507,469	4,870,995	5,513,597	6,287,548
Private.....	24,475	28,603	31,646	37,311	45,024	52,665	3,247,083	3,595,384	3,974,349	4,325,314	4,931,338	5,680,713
Agricultural services, forestry, fisheries, and other ⁵	574	821	987	1,045	1,264	1,447	9,609	9,341	10,705	12,811	14,317	17,269
Mining.....	(L)	(L)	(L)	(L)	(L)	(L)	4,221	5,045	(D)	6,933	7,591	8,302
Construction.....	3,866	4,164	4,911	5,998	7,389	9,224	228,371	234,476	256,230	285,315	315,663	386,772
Manufacturing.....	652	792	1,314	1,102	1,165	1,251	1,082,456	1,189,632	1,330,177	1,354,221	1,490,783	1,670,300
Nonurable goods.....	370	451	891	728	818	886	272,708	294,277	303,239	323,512	318,004	364,718
Durable goods.....	282	341	423	374	347	365	809,748	895,355	1,026,938	1,030,709	1,172,779	1,305,582
Transportation and public utilities.....	1,809	2,970	3,398	3,849	4,230	5,282	179,159	(D)	246,596	267,932	295,460	
Wholesale trade.....	403	396	464	361	422	488	332,466	401,001	432,159	466,271	527,012	635,610
Retail trade.....	7,746	8,641	9,690	11,643	14,648	16,227	468,069	(D)	536,156	587,602	692,047	774,328
Finance, insurance, and real estate.....	1,511	1,714	1,823	2,095	2,511	3,151	234,518	256,013	278,235	312,536	373,516	418,005
Services.....	7,914	9,105	9,059	11,218	13,395	15,595	708,214	(D)	1,053,029	1,242,477	1,474,667	1,780,835
Government and government enterprises.....	4,987	5,502	6,020	6,662	7,145	7,711	478,725	519,109	533,120	545,681	582,259	606,835
Federal, civilian.....	850	871	953	953	1,043	1,178	21,157	22,263	24,305	26,188	27,411	28,930
Military.....	667	713	880	1,013	1,116	1,202	17,721	18,975	23,494	25,638	31,518	23,298
State and local.....	3,470	3,918	4,187	4,696	4,986	5,331	439,847	477,871	485,321	493,855	523,330	554,607
Plymouth, Massachusetts												
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	3,300,212	3,667,453	4,110,976	4,515,927	5,012,107	5,639,358	5,365,638	6,038,023	6,731,457	7,064,726	7,758,385	8,605,736
Nonfarm personal income.....	3,291,672	3,657,884	4,101,891	4,503,606	4,996,332	5,622,703	5,365,638	6,038,023	6,731,457	7,064,726	7,758,385	8,605,736
Farm income.....	8,540	9,569	9,085	12,321	15,775	16,655	(L)	(L)	(L)	(L)	(L)	(L)
Population (thousands) ¹	404.6	407.1	410.4	408.9	410.7	417.7	653.1	649.8	650.9	655.9	660.8	658.8
Per capita personal income (dollars).....	8,156	9,009	10,017	11,044	12,203	13,501	8,216	9,292	10,341	10,771	11,740	13,062
Derivation of total personal income:												
Total earnings by place of work.....	1,468,900	1,597,574	1,719,562	1,854,051	2,073,153	2,365,222	8,529,863	9,514,191	10,426,220	11,312,846	12,402,323	13,664,594
Less: Personal contributions for social insurance ²	77,542	88,017	99,817	108,523	121,383	138,983	441,088	502,934	585,793	633,636	704,891	775,365
Plus: Adjustment for residence.....	1,070,478	1,180,475	1,331,336	1,470,989	1,658,030	1,885,351	-4,607,366	-5,087,158	-5,514,972	-6,164,730	-6,676,710	-7,262,783
Equals: Net earnings by place of residence.....	2,461,836	2,690,032	2,951,081	3,216,517	3,609,800	4,111,590	3,481,409	3,924,099	4,325,455	4,514,480	5,021,222	5,626,446
Plus: Dividends, interest, and rent ³	392,044	466,171	578,254	659,505	711,437	810,941	857,236	956,958	1,131,117	1,202,465	1,304,454	1,487,583
Plus: Transfer payments.....	446,332	511,250	581,641	639,905	690,870	716,827	1,026,993	1,156,966	1,274,885	1,347,781	1,432,709	1,491,707
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,220,469	1,336,537	1,439,908	1,541,052	1,689,654	1,920,169	7,739,571	8,655,396	9,433,296	10,211,199	11,100,294	12,171,601
Other labor income.....	104,704	117,199	130,891	151,954	177,485	205,521	641,800	726,616	801,718	939,905	1,079,429	1,217,729
Proprietors' income ⁴	143,727	143,838	148,763	161,045	206,014	239,532	148,492	132,179	191,206	161,742	222,600	275,264
Farm.....	1,285	1,611	1,186	3,590	7,065	7,617	(L)	(L)	(L)	(L)	(L)	(L)
Nonfarm.....	142,442	142,227	147,577	157,455	198,949	231,915	148,492	132,179	191,206	161,742	222,600	275,264
Earnings by industry:												
Farm.....	8,540	9,569	9,085	12,321	15,775	16,655	(L)	(L)	(L)	(L)	(L)	(L)
Nonfarm.....	1,460,360	1,588,005	1,710,477	1,841,730	2,057,378	2,348,567	8,529,863	9,514,191	10,426,220	11,312,846	12,402,323	13,664,594
Private.....	1,131,527	1,231,747	1,337,527	1,451,422	1,637,914	1,879,051	6,852,345	7,704,652	8,561,529	9,388,121	10,328,958	11,473,630
Agricultural services, forestry, fisheries, and other ⁵	(D)	(D)	(D)	(D)	(D)	(D)	7,016	7,152	7,444	9,428	10,390	11,629
Mining.....	(D)	2,219	2,294	1,811	2,138	3,537	626	430	763	1,189	580	655
Construction.....	74,296	72,819	78,412	86,111	114,156	154,094	221,359	252,052	283,300	318,273	336,497	384,520
Manufacturing.....	290,887	317,151	342,774	347,109	373,581	414,424	953,945	1,037,646	1,095,139	1,175,117	1,180,929	1,276,510
Nonurable goods.....	141,070	144,896	153,938	160,615	175,011	186,335	546,966	605,270	646,347	703,922	697,165	735,200
Durable goods.....	149,817	172,255	188,836	186,494	198,570	228,089	406,979	432,376	448,792	471,195	483,764	541,115
Transportation and public utilities.....	122,585	137,602	139,804	158,048	169,171	178,693	878,979	1,004,579	1,094,932	1,163,809	1,295,156	1,362,520
Wholesale trade.....	84,103	93,817	104,093	118,543	129,771	148,297	582,015	640,111	681,188	687,525	748,841	843,844
Retail trade.....	232,144	247,680	268,161	289,769	329,371	375,429	566,684	599,491	642,619	668,163	743,241	929,053
Finance, insurance, and real estate.....	58,772	(D)	(D)	(D)	(D)	(D)	1,198,703	(D)	(D)	1,838,425	2,097,406	2,363,066
Services.....	254,027	283,722	316,707	362,768	420,150	490,290	2,443,018	(D)	(D)	3,526,192	3,915,918	4,302,028
Government and government enterprises.....	328,833	356,258	372,950	390,308	419,464	469,516	1,677,518	1,809,539	1,864,691	1,924,725	2,073,365	2,190,964
Federal, civilian.....	52,592	57,282	63,638	67,906	73,662	104,638	482,078	513,285	554,487	573,079	598,680	605,466
Military.....	7,131	7,933	9,814	11,108	12,980	13,155	41,116	43,407	48,756	48,483	51,412	61,158
State and local.....	269,110	291,043	299,498	311,294	332,822	351,723	1,154,324	1,252,847	1,261,448	1,303,163	1,423,273	1,524,340

See footnotes at end of tables.

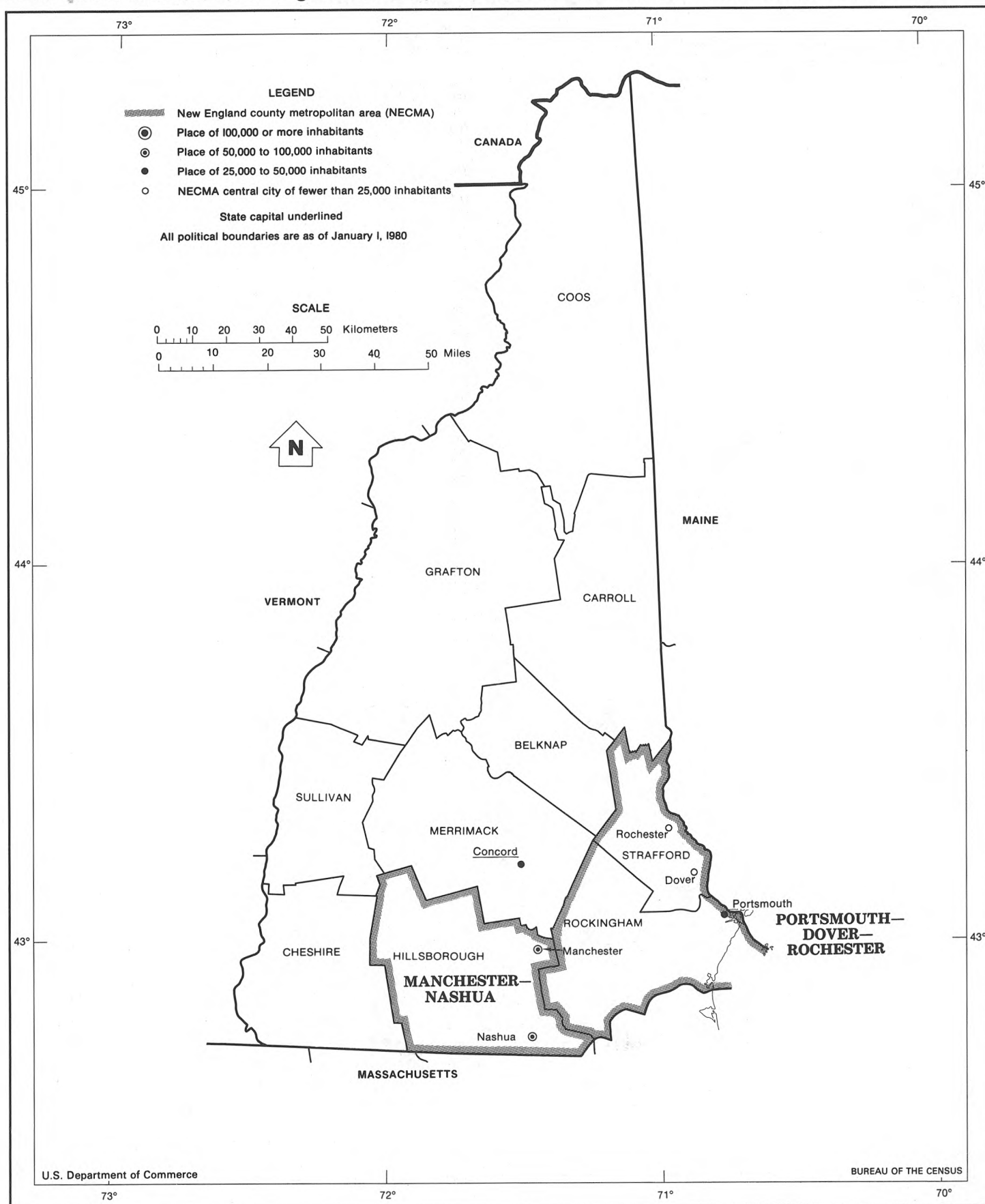
LOCAL AREA PERSONAL INCOME

MASSACHUSETTS

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued
 [Thousands of dollars]

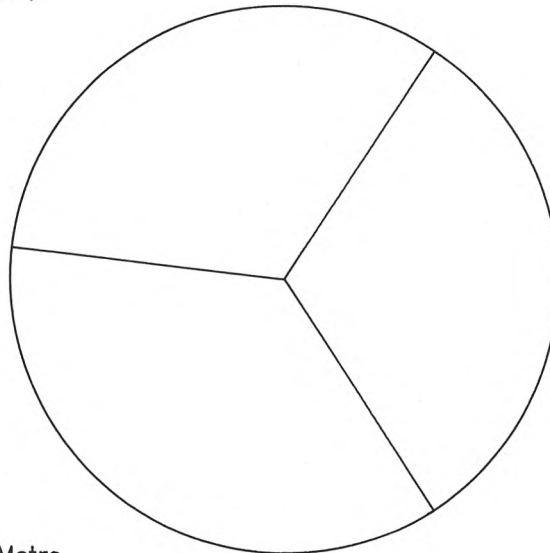
	Worcester, Massachusetts											
	1979	1980	1981	1982	1983	1984						
Income by Place of Residence												
Total personal income.....	5,233,187	5,816,519	6,465,430	6,928,068	7,400,169	8,266,539						
Nonfarm personal income.....	5,215,922	5,798,758	6,445,077	6,904,583	7,374,932	8,238,599						
Farm income.....	17,265	17,761	20,353	23,485	25,237	27,940						
Population (thousands) ¹	649.2	646.8	648.0	646.8	648.0	654.0						
Per capita personal income (dollars)	8,061	8,993	9,978	10,711	11,420	12,640						
Derivation of total personal income:												
Total earnings by place of work.....	3,703,493	4,002,745	4,297,870	4,447,315	4,743,393	5,364,097						
Less: Personal contributions for social insurance ²	191,202	212,232	243,306	253,712	272,839	309,461						
Plus: Adjustment for residence.....	229,197	281,852	339,606	408,886	469,464	530,060						
Equals: Net earnings by place of residence.....	3,741,488	4,072,365	4,394,170	4,602,489	4,940,018	5,584,696						
Plus: Dividends, interest, and rent ³	692,898	828,894	1,030,259	1,181,847	1,241,059	1,417,394						
Plus: Transfer payments.....	798,801	915,260	1,041,001	1,143,732	1,219,092	1,264,449						
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	3,154,999	3,421,823	3,668,506	3,776,832	3,966,988	4,474,361						
Other labor income.....	335,175	372,280	403,565	439,723	487,585	554,773						
Proprietors' income ⁴	213,319	208,642	225,799	230,760	288,820	334,963						
Farm.....	7,589	7,158	9,943	11,952	13,891	16,199						
Nonfarm.....	205,730	201,484	215,856	218,808	274,929	318,764						
Earnings by industry:												
Farm.....	17,265	17,761	20,353	23,485	25,237	27,940						
Nonfarm.....	3,686,228	3,984,984	4,277,517	4,423,830	4,718,156	5,336,157						
Private.....	3,246,798	3,512,703	3,781,042	3,909,627	4,171,587	4,740,632						
Agricultural services, forestry, fisheries, and other ⁵	7,423	7,357	8,870	11,154	12,573	14,196						
Mining.....	1,476	2,169	2,134	2,416	2,499	3,421						
Construction.....	148,284	155,356	164,640	173,858	202,379	255,502						
Manufacturing.....	1,591,824	1,714,050	1,811,874	1,800,055	1,796,243	2,028,728						
Nonurable goods.....	425,472	455,201	492,799	497,551	524,928	563,903						
Durable goods.....	1,166,352	1,258,849	1,319,075	1,302,504	1,271,315	1,464,825						
Transportation and public utilities.....	201,957	222,633	237,738	256,618	260,932	282,389						
Wholesale trade.....	217,591	235,918	247,752	254,472	301,520	339,360						
Retail trade.....	340,006	(D)	385,343	389,190	436,702	502,533						
Finance, insurance, and real estate.....	172,752	188,410	209,243	226,450	251,371	281,117						
Services.....	565,485	(D)	713,448	795,414	907,368	1,033,386						
Government and government enterprises.....	439,430	472,281	496,475	514,203	546,569	595,525						
Federal, civilian.....	41,856	43,283	48,826	50,793	52,108	56,574						
Military.....	9,284	10,341	12,959	14,231	17,149	17,028						
State and local.....	388,290	418,657	434,690	449,179	477,312	521,923						

See footnotes at end of tables.

NEW HAMPSHIRE - New England County Metropolitan Areas, Counties and Selected Places

Total Personal Income 1984
Percent of State Total: New Hampshire

Manchester, NH
(32.5%)



Portsmouth, NH
(31.6%)

NH Non-Metro
(36.0%)

Total Personal Income
Percent Change 1979-84

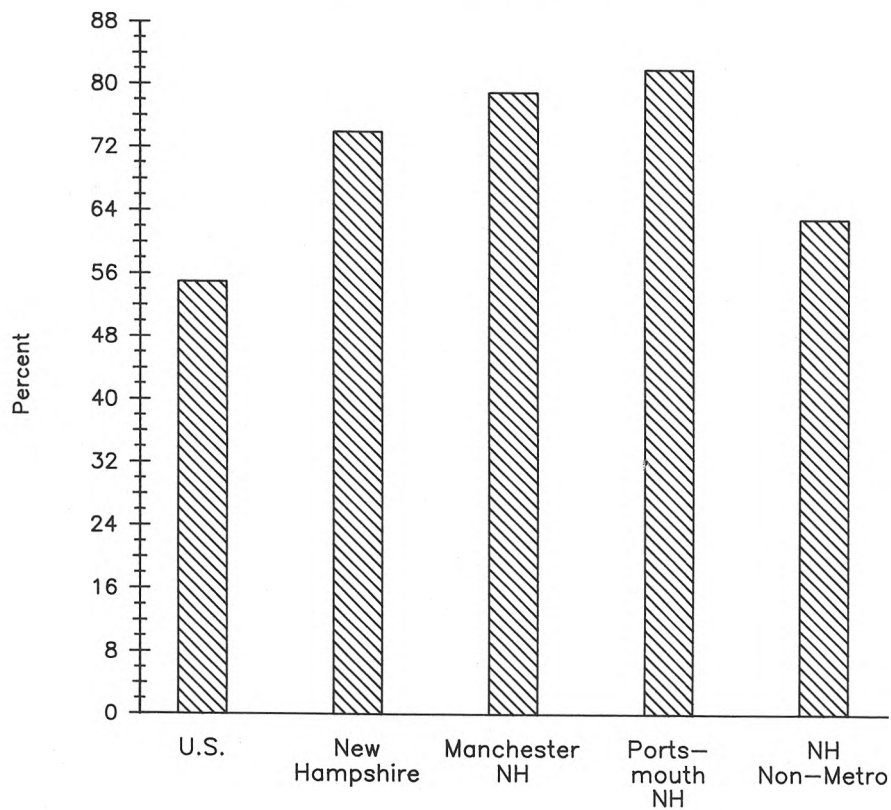


Table 5.—Personal Income for States and Counties of the New England Region, 1979–84

(Thousands of dollars)

	State of New Hampshire						New Hampshire (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	7,527,754	8,511,869	9,643,519	10,482,672	11,580,707	13,074,528	4,643,137	5,288,198	6,015,102	6,591,861	7,365,122	8,371,423
Nonfarm personal income.....	7,499,710	8,490,290	9,613,163	10,452,989	11,552,473	13,045,761	4,631,762	5,279,254	6,004,050	6,579,276	7,353,670	8,359,707
Farm income.....	28,044	21,579	30,356	29,683	28,234	28,767	11,375	8,944	11,052	12,585	11,452	11,716
Population (thousands) ¹	911.9	923.5	936.7	947.9	958.4	976.7	547.5	554.2	564.9	572.1	581.1	595.2
Per capita personal income (dollars).....	8,255	9,217	10,296	11,058	12,083	13,386	8,480	9,542	10,648	11,522	12,674	14,065
Derivation of total personal income:												
Total earnings by place of work.....	5,200,660	5,761,948	6,361,636	6,897,803	7,730,159	8,701,211	3,261,197	3,631,273	4,050,062	4,481,515	5,077,867	5,706,441
Less: Personal contributions for social insurance ²	295,215	332,710	394,471	436,089	488,490	550,624	185,278	209,673	251,905	283,278	321,204	361,486
Plus: Adjustment for residence.....	573,782	660,034	739,527	776,285	889,703	1,126,092	425,269	507,355	564,490	569,444	659,743	878,672
Equals: Net earnings by place of residence.....	5,479,227	6,089,272	6,706,692	7,237,999	8,131,372	9,276,679	3,501,188	3,928,955	4,362,647	4,767,681	5,416,406	6,223,627
Plus: Dividends, interest, and rent ³	1,147,310	1,368,022	1,715,980	1,901,577	2,010,866	2,302,575	627,178	755,941	956,544	1,062,814	1,131,421	1,295,405
Plus: Transfer payments.....	901,217	1,054,575	1,220,847	1,343,096	1,438,469	1,495,274	514,771	603,302	695,911	761,366	817,295	852,391
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	4,333,063	4,832,880	5,360,234	5,826,257	6,432,446	7,195,258	2,736,843	3,063,561	3,432,625	3,806,054	4,256,068	4,752,998
Other labor income.....	446,883	512,570	575,214	650,084	756,376	875,223	284,176	328,406	370,505	425,827	500,546	571,808
Proprietors' income ⁴	420,714	416,498	426,188	421,462	541,337	630,730	240,178	238,306	246,832	249,634	321,253	375,635
Farm.....	10,779	2,458	10,830	8,317	7,144	6,546	2,838	—	1,677	2,238	1,159	858
Nonfarm.....	409,935	414,040	415,358	413,145	534,193	624,184	237,340	239,775	245,255	247,396	320,094	374,777
Earnings by industry:												
Farm.....	28,044	21,579	30,356	29,683	28,234	28,767	11,375	8,944	11,052	12,585	11,452	11,716
Nonfarm.....	5,172,616	5,740,369	6,331,280	6,868,120	7,701,925	8,672,444	3,249,822	3,622,329	4,039,010	4,468,930	5,066,415	5,694,725
Private.....	4,461,875	4,953,166	5,494,587	5,978,746	6,744,055	7,635,989	2,824,526	3,165,827	3,553,828	3,946,329	4,501,929	5,094,101
Agricultural services, forestry, fisheries, and other ⁵	16,393	16,190	19,492	20,998	24,047	26,333	8,801	(D)	(D)	(D)	(D)	(D)
Mining.....	7,391	7,473	6,851	7,183	8,020	9,187	3,199	(D)	(D)	(D)	(D)	(D)
Construction.....	389,891	395,306	445,544	560,318	657,266	649,312	256,639	262,200	314,754	424,221	498,121	448,626
Manufacturing.....	1,747,243	1,973,395	2,167,919	2,261,443	2,486,393	2,879,113	1,164,233	1,333,998	1,474,389	1,576,777	1,754,867	2,044,146
Nonurable goods.....	613,815	637,868	683,294	693,825	763,690	828,318	402,175	415,051	441,005	448,316	495,180	538,076
Durable goods.....	1,133,428	1,335,527	1,484,625	1,567,618	1,722,703	2,050,795	762,058	918,947	1,033,384	1,128,461	1,259,687	1,506,070
Transportation and public utilities.....	285,605	316,680	348,792	380,276	424,725	457,125	195,377	217,662	241,486	273,865	311,129	335,060
Wholesale trade.....	295,445	336,971	375,123	386,951	433,078	503,195	195,009	225,234	253,764	261,140	294,820	354,493
Retail trade.....	589,684	627,644	688,499	739,854	843,540	971,834	367,789	391,089	428,195	464,741	537,513	623,294
Finance, insurance, and real estate.....	270,551	294,382	317,557	343,927	395,822	467,178	161,966	178,929	198,325	212,963	248,033	298,304
Services.....	859,672	985,125	1,124,810	1,277,796	1,471,164	1,672,712	471,513	544,195	629,058	717,627	839,645	969,489
Government and government enterprises.....	170,741	787,203	836,693	889,374	957,870	1,036,455	425,296	456,502	522,601	564,486	600,624	660,624
Federal, civilian.....	129,946	147,308	160,726	167,088	176,637	187,977	94,527	106,997	116,740	119,849	128,301	136,420
Military.....	60,824	65,876	74,234	63,689	91,103	99,102	55,685	59,921	68,068	76,603	82,406	88,221
State and local.....	519,971	574,019	601,733	638,597	690,130	749,376	275,084	289,584	300,374	326,149	353,779	375,983
New Hampshire (Nonmetropolitan portion)												
	1979	1980	1981	1982	1983	1984						
Income by Place of Residence												
Total personal income.....	2,884,617	3,223,671	3,628,417	3,890,811	4,215,585	4,703,105	337,646	378,917	421,319	456,387	496,628	556,950
Nonfarm personal income.....	2,867,948	3,211,036	3,609,113	3,873,713	4,198,803	4,686,054	337,177	378,710	420,829	455,969	496,326	556,648
Farm income.....	16,669	12,635	19,304	17,098	16,782	17,051	469	207	490	418	302	302
Population (thousands) ¹	364.4	369.3	371.8	375.8	377.3	381.5	42.8	43.0	43.2	44.0	44.4	45.4
Per capita personal income (dollars).....	7,916	8,730	9,759	10,353	11,172	12,327	7,889	8,803	9,757	10,379	11,193	12,260
Derivation of total personal income:												
Total earnings by place of work.....	1,939,463	2,130,675	2,311,574	2,416,288	2,652,292	2,994,770	225,753	245,721	256,177	273,213	303,746	348,239
Less: Personal contributions for social insurance ²	109,937	123,037	142,566	152,811	167,286	189,138	12,893	14,329	16,060	17,464	19,305	22,195
Plus: Adjustment for residence.....	148,513	152,679	175,037	206,841	229,960	247,420	13,047	17,147	22,783	24,644	27,776	28,178
Equals: Net earnings by place of residence.....	1,978,039	2,160,317	2,344,045	2,470,318	2,714,966	3,053,052	225,907	248,539	262,900	280,393	312,217	354,222
Plus: Dividends, interest, and rent ³	520,132	612,081	759,436	838,763	879,445	1,007,170	62,309	73,303	91,216	101,468	104,922	120,269
Plus: Transfer payments.....	386,446	451,273	524,936	581,730	621,174	642,883	49,430	57,075	67,203	74,526	79,489	82,459
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,596,220	1,769,319	1,927,609	2,020,203	2,176,378	2,442,260	184,906	202,182	212,360	226,778	247,338	282,603
Other labor income.....	162,707	184,164	204,709	224,257	255,830	297,415	19,853	22,026	23,448	25,970	29,887	34,868
Proprietors' income ⁴	180,536	177,192	179,256	171,828	220,084	255,095	20,994	21,513	20,369	20,465	26,521	30,768
Farm.....	7,941	2,927	9,153	6,079	5,985	5,688	295	(L)	296	207	90	80
Nonfarm.....	172,595	174,265	170,103	165,749	214,099	249,407	20,699	21,498	20,073	20,258	26,431	30,688
Earnings by industry:												
Farm.....	16,669	12,635	19,304	17,098	16,782	17,051	469	207	490	418	302	302
Nonfarm.....	1,922,794	2,118,040	2,292,270	2,399,190	2,635,510	2,977,719	225,284	245,514	255,687	272,795	303,444	347,937
Private.....	1,637,349	1,787,339	1,940,759	2,032,417	2,242,126	2,541,888	191,349	208,674	218,390	229,660	256,270	295,273
Agricultural services, forestry, fisheries, and other ⁵	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	133,252	133,106	130,790	136,097	159,145	200,686	25,191	26,736	28,739	29,809	33,522	41,303
Manufacturing.....	583,010	639,397	693,530	684,666	731,526	834,967	59,205	66,015	67,425	67,542	73,129	85,593
Nonurable goods.....	211,640	222,817	242,289	245,509	268,510	290,242	13,505	13,767	13,217	12,234	13,909	13,962
Durable goods.....	371,370	416,580	451,241	439,157	463,016	544,725	45,700	52,248	54,208	55,308	59,820	71,631
Transportation and public utilities.....	90,228	99,018	107,306	106,411	113,596	122,065	21,725	20,438	20,895	19,236	21,289	23,280
Wholesale trade.....	100,436	111,737	121,359	125,811	138,258	148,702	8,681	9,659	9,141	11,138	12,548	14,879
Retail trade.....	221,895	236,555	260,304	275,113	306,027	348,540	33,750	36,879	39,045	41,458	46,277	52,965
Finance, insurance, and real estate.....	108,585	115,453	119,232	130,964	147,789	168,874	8,156	8,728	8,892	9,894	10,379	11,748
Services.....	388,159	440,930	495,752	560,169	631,519	703,223	33,810	39,418	43,405	49,630	57,940	64,027
Government and government enterprises.....	285,445	330,701	351,511	366,773	393,384	435,831	33,935	36,840	37,297	43,135	47,174	52,664
Federal, civilian.....	35,419	40,311	43,986	47,239	48,336	51,557	3,807	4,539	4,952	5,336	5,304	5,539
Military.....	5,139	5,955	6,166	7,086	8,697	10,881	551	639	664	747	868	917
State and local.....	244,887	284,435	301,359	312,448	336,351	373,393	29,577	31,662	31,681	37,052	41,002	46,208

See footnotes at end of tables.

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Carroll, New Hampshire						Cheshire, New Hampshire					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	214,341	242,027	277,570	295,834	325,304	368,586	495,687	552,277	621,984	662,991	710,746	790,490
Nonfarm personal income.....	213,460	241,393	276,552	294,948	324,430	367,729	490,776	548,493	617,175	658,907	706,871	786,125
Farm income.....	881	634	1,018	886	874	857	4,911	3,784	4,809	4,084	3,875	4,365
Population (thousands) ¹	27.5	28.1	28.6	28.8	29.2	30.0	62.2	62.2	63.0	63.5	63.5	64.2
Per capita personal income (dollars).....	7,808	8,621	9,721	10,275	11,152	12,306	7,973	8,880	9,873	10,437	11,188	12,321
Derivation of total personal income:												
Total earnings by place of work.....	106,002	115,786	129,482	132,481	149,176	173,647	311,014	343,172	376,877	389,905	419,589	466,752
Less: Personal contributions for social insurance ²	6,202	6,966	8,367	8,881	9,938	11,638	17,735	19,920	23,509	24,811	26,716	29,836
Plus: Adjustment for residence.....	17,626	20,155	20,513	24,015	26,602	29,181	55,607	57,252	62,307	71,196	77,574	89,258
Equals: Net earnings by place of residence.....	117,426	128,975	141,628	147,615	165,840	191,190	348,886	380,504	415,675	436,290	470,447	526,174
Plus: Dividends, interest, and rent ⁴	63,604	73,373	89,334	96,323	103,505	118,396	85,223	100,169	124,142	134,505	142,146	162,770
Plus: Transfer payments.....	33,311	39,679	46,608	51,896	55,959	59,000	61,578	71,604	82,167	92,196	98,153	101,546
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	80,280	89,017	102,266	106,078	115,786	134,455	257,190	287,298	316,337	327,482	346,287	382,900
Other labor income.....	7,845	8,883	10,418	10,857	12,513	14,756	27,835	31,690	35,549	38,860	43,483	49,020
Proprietors' income ⁵	17,877	17,886	16,798	15,546	20,877	24,436	25,989	24,184	24,991	23,563	29,819	34,832
Farm.....	456	544	544	369	361	323	1,924	404	976	(L)	— 98	81
Nonfarm.....	17,421	17,721	16,254	15,177	20,516	24,113	24,065	23,780	24,015	23,535	29,917	34,751
Earnings by industry:												
Farm.....	881	634	1,018	886	874	857	4,911	3,784	4,809	4,084	3,875	4,365
Nonfarm.....	105,121	115,152	128,464	131,595	148,302	172,790	306,103	339,388	372,068	385,821	415,714	462,387
Private.....	92,210	99,540	112,010	113,196	129,663	151,863	276,795	304,297	334,915	346,323	373,459	417,164
Agricultural services, forestry, fisheries, and other ⁶	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	10,381	9,973	9,798	10,052	13,093	16,234	23,335	23,641	22,707	23,726	27,818	33,454
Manufacturing.....	19,419	21,369	25,113	20,239	21,236	24,378	120,895	135,526	150,122	144,824	148,192	163,435
Nondurable goods.....	5,814	6,081	6,733	6,268	5,468	6,522	29,414	30,472	36,125	36,616	40,605	45,039
Durable goods.....	13,605	15,288	18,380	13,971	15,768	17,856	91,481	105,054	113,797	108,208	107,587	118,396
Transportation and public utilities.....	3,076	3,865	4,089	4,253	5,254	5,939	10,166	10,652	12,539	15,980	16,299	16,342
Wholesale trade.....	5,497	6,240	7,031	7,279	8,678	10,163	17,657	18,346	20,264	22,275	25,306	29,445
Retail trade.....	22,881	24,037	28,689	32,029	35,826	41,181	28,474	31,409	35,656	36,809	41,713	48,881
Finance, insurance, and real estate.....	6,323	6,391	5,859	5,769	6,535	7,900	27,095	29,104	29,769	31,778	33,671	37,402
Services.....	23,598	26,555	30,156	32,569	37,950	44,694	47,772	54,432	62,635	69,420	78,750	86,392
Government and government enterprises.....	12,911	15,612	16,454	18,399	18,639	20,927	29,308	35,091	37,153	39,498	42,255	45,223
Federal, civilian.....	2,161	2,136	2,333	2,627	2,624	2,912	3,276	3,877	4,230	4,362	4,228	4,451
Military.....	335	397	401	455	542	592	815	939	927	1,035	1,206	1,280
State and local.....	10,415	13,079	13,720	15,317	15,473	17,423	25,217	30,275	31,996	34,101	36,821	39,492
Coos, New Hampshire							Grafton, New Hampshire					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	244,765	270,643	303,230	320,213	340,907	374,447	510,252	568,111	637,358	681,094	740,463	829,460
Nonfarm personal income.....	242,836	269,196	300,362	318,012	338,374	371,761	507,583	566,180	634,211	678,343	737,933	827,119
Farm income.....	1,929	1,447	2,868	2,201	2,533	2,686	2,669	1,931	3,147	2,751	2,530	2,341
Population (thousands) ¹	35.0	35.1	34.7	34.4	33.9	33.7	65.0	66.0	66.3	67.1	67.4	68.2
Per capita personal income (dollars).....	6,988	7,718	8,738	9,318	10,067	11,102	7,850	8,605	9,617	10,148	10,986	12,168
Derivation of total personal income:												
Total earnings by place of work.....	168,612	182,851	197,075	201,185	217,846	240,782	383,053	415,927	455,844	485,306	537,032	609,350
Less: Personal contributions for social insurance ²	9,647	10,679	12,299	12,934	13,922	15,460	21,971	24,307	28,557	31,033	34,339	38,949
Plus: Adjustment for residence.....	7,196	7,219	8,777	9,835	10,585	11,619	— 19,669	— 20,447	— 24,259	— 28,643	— 32,755	— 39,790
Equals: Net earnings by place of residence.....	166,161	179,391	193,553	198,086	214,509	236,941	341,413	371,173	403,028	425,630	469,938	530,611
Plus: Dividends, interest, and rent ⁴	35,963	42,918	54,058	61,078	61,419	70,575	100,778	116,691	143,001	155,115	165,286	189,115
Plus: Transfer payments.....	42,641	48,334	55,619	61,049	64,979	66,931	68,061	80,247	91,329	100,349	105,239	109,734
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	136,418	149,377	160,167	165,364	175,344	192,261	318,347	348,348	384,586	412,099	448,165	503,983
Other labor income.....	15,129	16,778	18,208	19,489	22,059	25,215	30,668	34,682	39,255	43,482	49,658	59,349
Proprietors' income ⁵	17,065	16,696	18,700	16,332	20,443	23,306	34,038	32,897	32,003	29,725	39,209	46,018
Farm.....	1,272	724	2,143	1,403	1,750	1,873	919	(L)	1,227	629	459	194
Nonfarm.....	15,793	15,972	16,557	14,929	18,693	21,433	33,119	32,895	30,776	29,096	38,750	45,824
Earnings by industry:												
Farm.....	1,929	1,447	2,868	2,201	2,533	2,686	2,669	1,931	3,147	2,751	2,530	2,341
Nonfarm.....	166,683	181,404	194,207	198,984	215,313	238,096	380,384	413,996	452,697	482,555	534,502	607,009
Private.....	145,854	157,663	169,039	173,090	187,640	209,077	333,248	362,044	397,843	423,761	469,969	537,260
Agricultural services, forestry, fisheries, and other ⁶	292	269	(D)	(D)	(D)	(D)	1,776	1,869	2,008	1,962	2,008	(D)
Mining.....	467	381	(D)	(D)	(D)	(D)	677	741	758	752	842	(D)
Construction.....	7,194	8,657	7,830	6,780	7,462	9,031	21,840	21,303	19,105	22,179	28,516	35,956
Manufacturing.....	69,937	74,605	82,221	82,770	89,278	100,236	81,038	88,874	99,111	97,048	105,100	127,625
Nondurable goods.....	60,469	64,361	70,643	72,591	78,627	88,182	25,478	23,972	26,414	29,006	32,049	34,965
Durable goods.....	9,468	10,244	11,578	10,179	10,651	12,054	55,560	64,902	72,697	68,042	73,051	92,660
Transportation and public utilities.....	10,278	10,964	11,971	12,550	13,750	14,654	17,681	18,149	18,094	16,590	18,870	20,851
Wholesale trade.....	7,213	7,893	7,657	8,431	8,856	10,380	17,935	20,281	21,494	15,783	16,760	19,541
Retail trade.....	18,023	18,916	18,650	19,173	20,126	21,864	45,153	46,970	52,515	55,393	62,038	71,019
Finance, insurance, and real estate.....	3,655	4,620	4,690	4,701	5,330	5,791	12,680	13,677	13,814	15,362	19,805	22,214
Services.....	28,795	31,358	35,350	37,949	42,092	46,415	134,468	150,180	170,944	198,692	216,030	237,401
Government and government enterprises.....	20,829	23,741	25,168	25,894	27,673	29,019	47,136	51,952	54,854	58,794	64,533	69,749
Federal, civilian.....	2,563	2,877	3,139	3,247	3,271	3,199	11,737	13,200	14,405	15,408	16,595	17,758
Military.....	445	513	523	576	638	666	903	1,050	1,106	1,256	1,428	1,603
State and local.....	17,821	20,351	21,506	22,071	23,764	25,154	34,496	37,702	39,343	42,130	46,510	50,388

See footnotes at end of tables.

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

[Thousands of dollars]

	Hillsborough, New Hampshire						Merrimack, New Hampshire					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	2,372,696	2,703,208	3,066,974	3,349,544	3,737,634	4,244,074	804,175	905,289	1,022,772	1,108,513	1,212,193	1,356,858
Nonfarm personal income.....	2,367,188	2,698,580	3,061,630	3,343,520	3,732,247	4,238,813	800,452	902,425	1,018,468	1,104,328	1,208,146	1,352,865
Farm income.....	5,508	4,628	5,344	6,024	5,387	5,261	3,723	2,864	4,304	4,185	4,047	3,993
Population (thousands) ¹	275.2	277.5	281.7	285.1	288.7	295.2	96.5	98.7	99.7	100.8	101.5	102.6
Per capita personal income (dollars).....	8,621	9,743	10,889	11,748	12,946	14,379	8,334	9,175	10,263	11,001	11,937	13,227
Derivation of total personal income:												
Total earnings by place of work.....	1,888,631	2,117,533	2,346,161	2,581,629	2,947,481	3,414,437	570,293	639,548	695,785	732,924	813,932	926,190
Less: Personal contributions for social insurance ²	107,641	122,429	146,391	163,300	186,770	216,977	31,644	35,989	41,344	44,874	49,693	56,397
Plus: Adjustment for residence.....	-2,436	2,871	9,190	-10,883	-27,019	-57,776	40,195	35,108	42,666	58,088	66,714	68,791
Equals: Net earnings by place of residence.....	1,778,554	1,997,975	2,208,960	2,407,446	2,733,692	3,139,684	578,844	638,667	697,107	746,138	830,953	938,584
Plus: Dividends, interest, and rent ³	339,850	407,817	513,723	566,478	600,802	687,757	128,459	153,662	192,770	216,396	226,244	259,067
Plus: Transfer payments.....	254,292	297,416	344,291	375,620	403,140	416,633	96,872	112,960	132,895	145,979	154,996	159,207
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,587,309	1,788,716	1,982,890	2,183,536	2,463,797	2,846,639	478,575	540,862	589,248	618,964	676,880	766,372
Other labor income.....	174,275	200,860	225,247	261,185	308,671	361,903	45,734	52,580	58,949	65,911	76,613	90,150
Proprietors' income ⁴	127,047	127,957	138,024	136,908	175,013	205,895	45,984	46,106	47,588	48,049	60,439	69,668
Farm.....	1,169	-159	572	761	231	-82	1,695	628	2,077	1,727	1,643	1,502
Nonfarm.....	125,878	128,116	137,452	136,147	174,782	205,977	44,289	45,478	45,511	46,322	58,796	68,166
Earnings by industry:												
Farm.....	5,508	4,628	5,344	6,024	5,387	5,261	3,723	2,864	4,304	4,185	4,047	3,993
Nonfarm.....	1,883,123	2,112,905	2,340,817	2,575,605	2,942,094	3,409,176	566,570	636,684	691,481	728,739	809,885	922,197
Private.....	1,698,023	1,914,180	2,131,471	2,354,099	2,698,218	3,156,814	447,178	491,300	534,388	573,118	643,961	733,069
Agricultural services, forestry, fisheries, and other ⁵	3,666	3,602	4,672	4,738	5,582	6,668	2,236	2,306	(D)	3,383	3,455	3,527
Mining.....	2,338	2,412	2,561	3,100	3,476	4,236	1,670	1,167	(D)	1,024	1,249	1,508
Construction.....	103,139	106,963	108,550	114,740	143,304	181,342	36,031	34,494	34,411	35,897	39,792	53,442
Manufacturing.....	719,367	830,144	928,334	1,038,153	1,183,349	1,383,797	150,145	162,687	175,326	180,166	203,291	235,480
Nondurable goods.....	241,108	258,811	268,248	277,368	296,851	325,313	48,899	54,756	58,131	58,211	62,374	61,592
Durable goods.....	478,259	571,333	660,086	760,785	886,498	1,058,484	101,246	107,931	117,195	121,955	140,917	173,888
Transportation and public utilities.....	149,995	165,104	178,645	200,197	218,580	230,103	21,842	29,214	33,562	33,321	33,013	35,451
Wholesale trade.....	124,355	142,871	160,324	163,968	182,910	231,515	36,449	40,930	46,825	52,604	57,561	55,149
Retail trade.....	193,028	203,786	224,059	242,761	279,343	324,898	54,572	58,522	63,568	67,898	76,281	86,378
Finance, insurance, and real estate.....	111,077	118,275	128,887	137,705	157,942	192,483	44,004	45,882	49,729	56,668	64,399	75,139
Services.....	291,058	341,023	395,439	448,737	523,732	601,772	100,229	116,098	126,894	142,157	164,920	186,995
Government and government enterprises.....	185,100	198,725	209,346	221,506	243,876	252,362	119,392	145,384	157,093	155,621	165,924	189,128
Federal, civilian.....	60,278	64,986	70,893	71,804	80,271	86,269	10,355	11,944	13,031	14,092	14,169	15,408
Military.....	4,706	5,360	5,896	7,106	7,853	8,113	1,631	1,877	1,978	2,328	3,288	5,067
State and local.....	120,116	128,379	132,557	142,596	155,752	157,980	107,406	131,563	142,084	139,201	148,467	168,653
Rockingham, New Hampshire							Strafford, New Hampshire					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,636,230	1,865,908	2,131,875	2,357,139	2,656,731	3,035,671	634,211	719,082	816,253	885,178	970,757	1,091,678
Nonfarm personal income.....	1,633,292	1,864,145	2,128,937	2,353,902	2,653,988	3,032,975	631,282	716,529	813,483	881,854	967,435	1,087,919
Farm income.....	2,938	1,763	2,938	3,237	2,743	2,696	2,929	2,553	2,770	3,324	3,322	3,759
Population (thousands) ¹	187.5	191.2	195.5	198.1	201.7	207.9	84.8	85.5	87.7	89.0	90.7	92.2
Per capita personal income (dollars).....	8,725	9,758	10,906	11,901	13,173	14,604	7,481	8,406	9,304	9,951	10,700	11,846
Derivation of total personal income:												
Total earnings by place of work.....	958,899	1,069,714	1,227,276	1,402,995	1,583,787	1,682,537	413,667	444,026	476,625	496,891	546,599	609,467
Less: Personal contributions for social insurance ²	54,796	62,318	77,083	89,711	101,235	107,445	22,841	24,926	28,491	30,267	33,193	37,064
Plus: Adjustment for residence.....	351,376	403,971	426,241	427,525	511,406	725,600	76,329	100,513	129,059	152,802	175,356	210,848
Equals: Net earnings by place of residence.....	1,255,479	1,411,367	1,576,434	1,740,809	1,993,958	2,300,692	467,155	519,613	577,253	619,426	688,756	783,251
Plus: Dividends, interest, and rent ³	207,329	252,665	322,367	360,997	390,127	446,555	79,999	95,459	120,454	135,339	140,492	161,093
Plus: Transfer payments.....	173,422	201,876	233,074	255,333	272,646	288,424	87,057	104,010	118,546	130,413	141,509	147,334
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	800,101	898,199	1,045,930	1,201,796	1,336,250	1,401,822	349,433	376,646	403,805	420,722	456,021	504,537
Other labor income.....	73,123	86,921	100,550	116,799	136,914	151,966	36,778	40,625	44,708	47,843	54,961	63,939
Proprietors' income ⁴	85,675	84,594	80,796	84,400	110,623	128,749	27,456	26,755	28,112	28,326	35,617	40,991
Farm.....	802	-589	593	650	211	70	867	279	512	827	717	870
Nonfarm.....	84,873	85,183	80,203	83,750	110,412	128,679	26,589	26,476	27,600	27,499	34,900	40,121
Earnings by industry:												
Farm.....	2,938	1,763	2,938	3,237	2,743	2,696	2,929	2,553	2,770	3,324	3,322	3,759
Nonfarm.....	955,961	1,067,951	1,224,338	1,399,758	1,581,044	1,679,841	410,738	441,473	473,855	493,567	543,277	605,708
Private.....	799,402	904,567	1,047,531	1,203,680	1,375,016	1,455,036	327,101	347,080	374,826	388,550	428,695	482,251
Agricultural services, forestry, fisheries, and other ⁵	4,386	(D)	(D)	5,266	6,661	7,418	749	(D)	1,161	(D)	(D)	(D)
Mining.....	626	(D)	(D)	518	475	496	235	(D)	140	(D)	(D)	(D)
Construction.....	138,188	142,149	193,567	296,432	338,765	246,056	15,312	13,088	12,637	13,049	16,052	21,228
Manufacturing.....	269,222	320,460	348,720	342,720	362,240	428,845	175,644	183,394	197,335	195,904	209,278	231,504
Nondurable goods.....	76,360	77,028	84,164	83,007	93,735	106,547	84,707	79,212	88,593	87,941	104,594	106,216
Durable goods.....	192,862	243,432	264,556	259,713	268,505	322,298	90,937	104,182	108,742	107,963	104,684	125,288
Transportation and public utilities.....	32,449	37,956	46,557	53,583	68,671	76,980	12,933	14,602	16,284	20,085	23,878	27,977
Wholesale trade.....	55,505	64,923	76,096	78,421	90,656	99,407	15,149	17,440	17,344	18,751	21,254	23,571
Retail trade.....	124,224	133,504	145,999	161,895	192,775	224,811	50,537	53,799	58,137	60,085	65,395	73,585
Finance, insurance, and real estate.....	37,442	44,986	52,760	58,250	70,524	83,657	13,447	15,668	16,678	17,008	19,567	22,164
Services.....	137,360	155,066	178,509	206,595	244,249	287,366	43,095	48,106	55,110	62,295	71,664	80,351
Government and government enterprises.....	156,559	163,384	176,807	196,078	206,028	224,805	83,637	94,393	99,029	105,017	114,582	123,457
Federal, civilian.....	29,329	34,037	37,148	40,055	39,410	40,842	4,920	7,974	8,699	7,990	8,620	9,309
Military.....	49,481	52,859	60,306	67,470	72,340	77,665	1,498	1,702	1,866	2,027	2,213	2,443
State and local.....	77,749	76,488	79,353	88,553	94,278	106,298	77,219	84,717	88,464	95,000	103,749	111,705

See footnotes at end of tables.

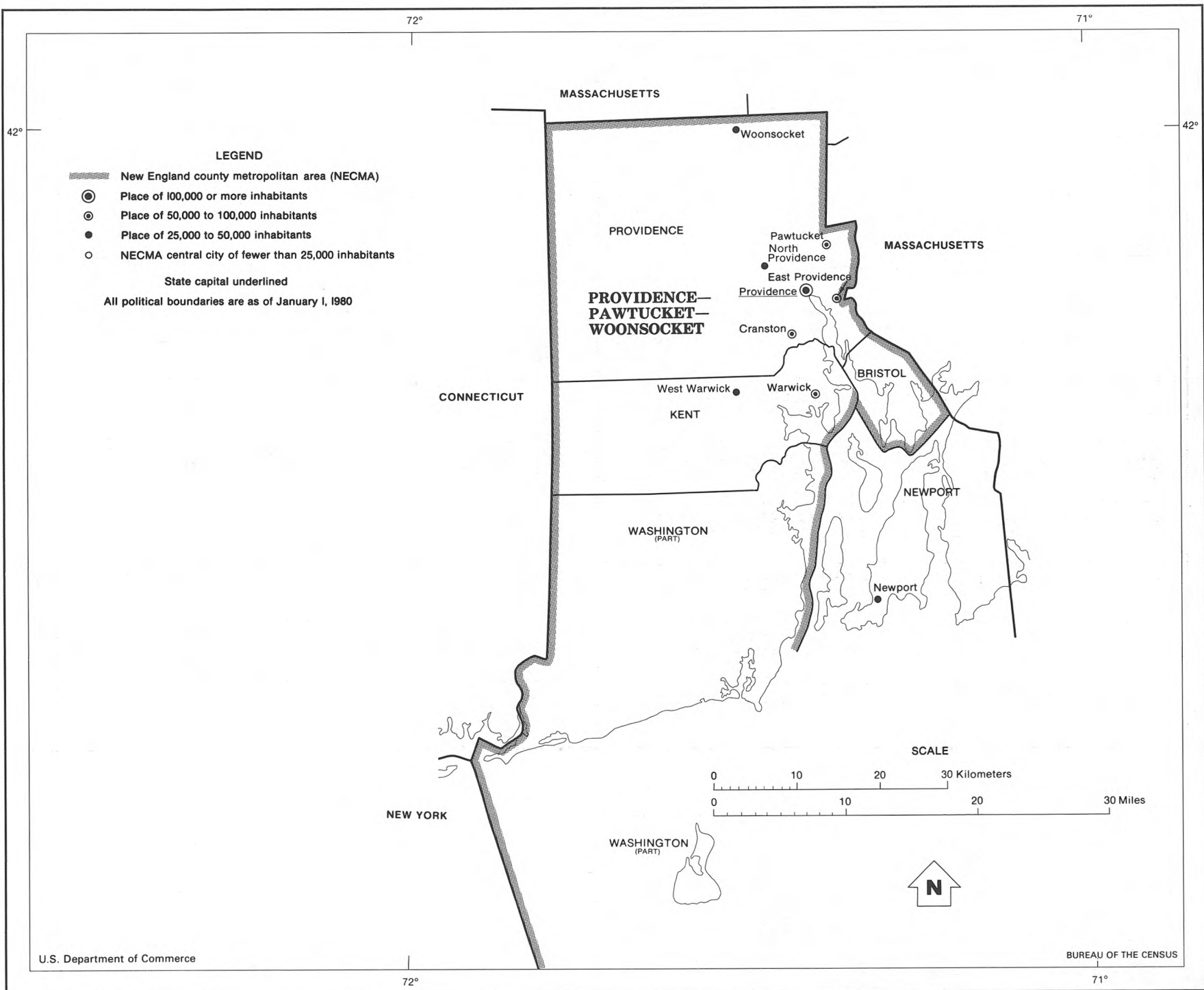
Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

[Thousands of dollars]

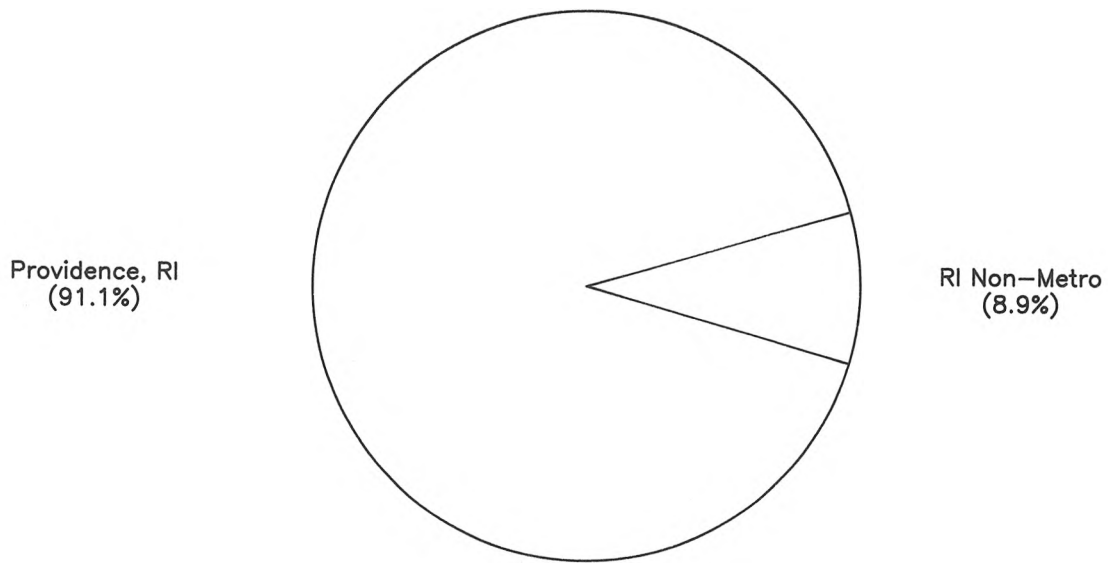
	Sullivan, New Hampshire											
	1979	1980	1981	1982	1983	1984						
Income by Place of Residence												
Total personal income.....	277,751	306,407	344,184	365,779	389,344	426,314						
Nonfarm personal income.....	275,664	304,639	341,516	363,206	386,723	423,807						
Farm income.....	2,087	1,768	2,668	2,573	2,621	2,507						
Population (thousands)*.....	35.4	36.2	36.4	37.3	37.5	37.5						
Per capita personal income (dollars).....	7,837	8,468	9,451	9,810	10,396	11,360						
Derivation of total personal income:												
Total earnings by place of work.....	174,736	187,670	200,334	201,274	210,971	229,810						
Less: Personal contributions for social insurance*.....	9,845	10,847	12,430	12,814	13,373	14,663						
Plus: Adjustment for residence.....	34,511	36,245	42,250	47,706	53,464	60,183						
Equals: Net earnings by place of residence.....	199,402	213,068	230,154	236,166	251,062	275,330						
Plus: Dividends, interest, and rent*.....	43,796	51,965	64,915	73,878	75,923	86,978						
Plus: Transfer payments.....	34,553	41,374	49,115	55,735	62,359	64,006						
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	140,504	152,235	162,645	163,438	166,578	179,686						
Other labor income.....	15,643	17,525	18,882	19,688	21,617	24,057						
Proprietors' income*.....	18,589	17,910	18,807	18,148	22,776	26,067						
Farm.....	1,380	989	1,890	1,716	1,780	1,635						
Nonfarm.....	17,209	16,921	16,917	16,432	20,996	24,432						
Earnings by industry:												
Farm.....	2,087	1,768	2,668	2,573	2,621	2,507						
Nonfarm.....	172,649	185,902	197,666	198,701	208,350	227,303						
Private.....	150,715	163,821	174,174	173,269	181,164	198,182						
Agricultural services, forestry, fisheries, and other*.....	(D)	(D)	(D)	(D)	(D)	(D)						
Mining.....	(D)	(D)	(D)	(D)	(D)	(D)						
Construction.....	9,280	8,302	8,200	7,654	8,942	11,266						
Manufacturing.....	82,371	90,321	94,212	92,077	91,300	98,220						
Nonurable goods.....	28,061	29,408	30,826	30,583	36,078	39,980						
Durable goods.....	54,310	60,913	63,386	61,494	55,222	58,240						
Transportation and public utilities.....	5,460	5,736	6,156	4,481	5,121	5,548						
Wholesale trade.....	7,004	8,388	8,947	8,301	8,549	9,145						
Retail trade.....	19,042	19,822	22,181	22,353	23,766	26,252						
Finance, insurance, and real estate.....	6,672	7,051	6,479	6,792	7,670	8,680						
Services.....	19,487	22,889	26,368	29,752	33,837	37,299						
Government and government enterprises.....	21,934	22,081	23,492	25,432	27,186	29,121						
Federal, civilian.....	1,520	1,738	1,896	2,167	2,145	2,290						
Military.....	459	540	567	689	727	756						
State and local.....	19,955	19,803	21,029	22,576	24,314	26,075						

See footnotes at end of tables.

RHODE ISLAND - New England County Metropolitan Area, Counties, and Selected Places



Total Personal Income 1984
Percent of State Total: Rhode Island



Total Personal Income
Percent Change 1979-84

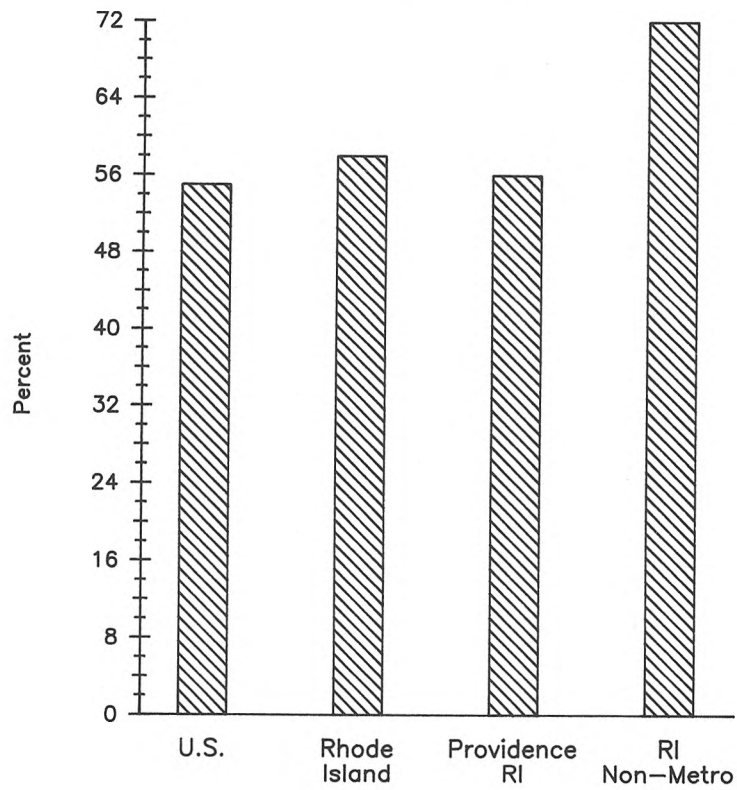


Table 5.—Personal Income for States and Counties of the New England Region, 1979–84

[Thousands of dollars]

	State of Rhode Island						Rhode Island (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	7,844,092	8,727,089	9,751,384	10,448,423	11,209,142	12,369,472	7,201,457	7,995,693	8,899,708	9,514,887	10,204,858	11,266,849
Nonfarm personal income.....	7,832,465	8,717,065	9,739,860	10,428,920	11,182,288	12,344,421	7,192,674	7,988,943	8,891,947	9,501,822	10,187,357	11,249,894
Farm income.....	11,627	10,024	11,524	19,503	26,854	25,051	8,783	6,750	7,761	13,065	17,501	16,955
Population (thousands) ¹	956.6	948.5	952.1	953.0	955.5	961.9	874.5	867.1	869.9	869.9	872.2	878.2
Per capita personal income (dollars).....	8,200	9,200	10,242	10,964	11,731	12,860	8,235	9,222	10,231	10,938	11,701	12,829
Derivation of total personal income:												
Total earnings by place of work.....	5,586,953	6,057,246	6,557,266	6,884,311	7,498,767	8,326,752	5,145,779	5,555,279	5,967,437	6,225,914	6,765,410	7,520,101
Less: Personal contributions for social insurance ²	369,790	406,111	457,921	489,781	543,980	608,510	340,771	372,977	418,595	445,029	493,067	551,482
Plus: Adjustment for residence.....	189,788	187,777	219,501	274,250	308,260	354,733	183,682	189,423	231,047	289,978	334,243	380,422
Equals: Net earnings by place of residence.....	5,406,951	5,838,912	6,318,846	6,668,780	7,263,047	8,072,975	4,988,690	5,371,725	5,779,889	6,070,863	6,606,586	7,349,042
Plus: Dividends, interest, and rent ³	1,190,834	1,437,764	1,782,097	1,962,743	2,022,232	2,299,485	1,077,825	1,302,398	1,615,594	1,783,601	1,839,500	2,092,197
Plus: Transfer payments.....	1,246,307	1,450,413	1,650,441	1,816,900	1,923,863	1,997,012	1,134,942	1,321,570	1,504,225	1,660,423	1,758,772	1,825,610
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	4,773,294	5,194,333	5,627,848	5,881,912	6,293,097	6,943,116	4,387,115	4,751,934	5,102,395	5,299,899	5,658,671	6,248,734
Other labor income.....	466,911	523,824	583,627	647,125	734,935	836,939	442,332	494,512	548,607	604,372	683,249	777,060
Proprietors' income ⁴	346,748	339,089	345,791	355,274	470,735	546,697	316,332	308,833	316,435	321,643	423,490	494,307
Farm.....	4,138	1,655	2,840	10,493	17,354	15,297	3,839	1,467	2,309	7,503	11,574	11,060
Nonfarm.....	342,610	337,434	342,951	344,781	453,381	531,400	312,493	307,366	314,126	314,140	411,916	483,247
Earnings by industry:												
Farm.....	11,627	10,024	11,524	19,503	26,854	25,051	8,783	6,750	7,761	13,065	17,501	16,955
Nonfarm.....	5,575,326	6,047,222	6,545,742	6,864,808	7,471,913	8,301,701	5,136,996	5,548,529	5,959,676	6,212,849	6,747,909	7,503,146
Private.....	4,655,589	5,044,584	5,434,242	5,681,927	6,230,697	6,964,135	4,397,505	4,747,611	5,094,309	5,292,752	5,772,512	6,438,941
Agricultural services, forestry, fisheries, and other ⁵	29,217	31,562	30,670	33,115	42,539	49,014	(D)	25,098	24,692	26,923	34,139	40,036
Mining.....	3,794	3,213	3,787	4,727	3,039	3,418	(D)	(D)	(D)	4,727	3,039	3,418
Construction.....	258,101	254,725	256,820	267,487	299,921	358,849	238,945	236,529	239,302	246,554	274,563	331,762
Manufacturing.....	1,856,969	2,023,844	2,177,983	2,148,874	2,294,998	2,552,093	1,778,640	1,928,972	2,068,310	2,022,739	2,148,161	2,376,393
Nonurable goods.....	560,736	600,078	648,928	664,502	701,145	778,491	555,902	594,350	642,428	657,332	693,186	769,706
Durable goods.....	1,296,233	1,423,766	1,529,055	1,484,372	1,593,853	1,773,602	1,222,738	1,334,622	1,425,882	1,365,407	1,454,975	1,606,687
Transportation and public utilities.....	262,279	282,088	305,908	334,554	355,164	374,089	(D)	(D)	(D)	318,042	340,103	358,300
Wholesale trade.....	327,674	352,968	365,117	379,449	422,176	465,980	305,997*	331,798*	341,456*	369,445	408,107	450,034
Retail trade.....	548,313	583,874	615,877	649,388	719,000	805,135	508,697	538,289	564,392	592,041	649,766	727,911
Finance, insurance, and real estate.....	319,852	345,237	383,584	408,496	464,814	520,959	312,098	337,066	373,641	396,556	449,104	504,892
Services.....	1,049,390	1,167,073	1,294,496	1,455,837	1,629,046	1,834,598	962,246	1,065,261	1,172,878	1,315,725	1,465,530	1,646,195
Government and government enterprises.....	919,737	1,002,638	1,111,500	1,182,881	1,241,216	1,337,566	739,491	800,918	865,367	920,097	975,397	1,064,205
Federal, civilian.....	189,295	197,190	218,717	232,768	251,014	261,544	118,724	123,535	136,242	140,883	148,135	159,628
Military.....	85,684	102,449	141,455	151,088	142,782	148,616	17,478	20,043	24,927	27,778	31,945	34,407
State and local.....	644,758	702,999	751,328	799,025	847,420	927,406	603,289	657,340	704,198	751,436	795,317	870,170

	Rhode Island (Nonmetropolitan portion)						Bristol, Rhode Island					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	642,635	731,396	851,676	933,536	1,004,284	1,102,623	432,217	473,623	529,606	585,968	619,008	676,091
Nonfarm personal income.....	639,791	728,122	847,913	927,098	994,931	1,094,527	431,605	473,183	529,121	584,973	617,733	674,770
Farm income.....	2,844	3,274	3,763	6,438	9,353	8,096	612	440	485	995	1,275	1,321
Population (thousands) ¹	82.1	81.5	82.2	83.1	83.4	83.7	46.8	47.0	47.0	46.8	47.3	46.6
Per capita personal income (dollars).....	7,824	8,976	10,362	11,235	12,045	13,177	9,227	10,084	11,272	12,512	13,087	14,515
Derivation of total personal income:												
Total earnings by place of work.....	441,174	501,967	589,829	658,397	733,357	806,651	163,736	169,154	190,027	195,908	216,088	249,669
Less: Personal contributions for social insurance ²	29,019	33,134	39,326	44,752	50,913	57,028	11,337	12,108	13,882	14,811	16,547	19,251
Plus: Adjustment for residence.....	6,106	—1,646	—11,546	—15,728	—25,983	—25,690	150,679	165,879	174,000	204,696	211,992	218,032
Equals: Net earnings by place of residence.....	418,261	467,187	538,957	597,917	656,461	723,933	303,078	322,925	350,145	385,793	411,533	448,450
Plus: Dividends, interest, and rent ³	113,009	135,366	166,503	179,142	182,732	207,288	77,174	90,469	109,565	121,819	123,554	140,021
Plus: Transfer payments.....	111,365	128,843	146,216	156,477	165,091	171,402	51,965	60,229	69,896	78,356	83,921	87,620
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	386,179	442,399	525,453	582,013	634,426	694,382	125,768	130,213	149,491	154,771	165,663	190,387
Other labor income.....	24,579	29,312	35,020	42,753	51,686	59,879	13,534	14,581	17,243	19,087	21,890	26,022
Proprietors' income ⁴	30,416	30,256	29,356	33,631	47,245	52,390	24,434	24,360	23,293	22,050	28,535	33,260
Farm.....	299	188	531	2,990	5,780	4,237	354	130	175	717	969	1,003
Nonfarm.....	30,117	30,068	28,825	30,641	41,465	48,153	24,080	24,230	23,118	21,333	27,566	32,257
Earnings by industry:												
Farm.....	2,844	3,274	3,763	6,438	9,353	8,096	612	440	485	995	1,275	1,321
Nonfarm.....	438,330	498,093	586,066	651,959	724,004	798,555	163,124	168,714	189,542	194,913	214,813	248,348
Private.....	258,084	296,973	339,933	389,175	458,185	525,194	141,078	144,732	161,029	163,983	182,813	213,422
Agricultural services, forestry, fisheries, and other ⁵	(D)	6,464	5,978	6,192	8,400	8,978	(D)	1,765	1,672	1,728	2,082	2,473
Mining.....	(D)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)	(L)
Construction.....	19,156	18,196	17,518	20,933	25,358	27,087	11,347	11,713	10,785	10,483	12,055	15,265
Manufacturing.....	78,329	94,872	109,673	126,135	146,837	175,700	68,313	69,539	75,208	76,070	82,985	97,666
Nonurable goods.....	4,834	5,728	6,500	7,170	7,959	8,785	41,720	35,329	34,284	36,867	40,344	48,443
Durable goods.....	73,495	89,144	103,173	118,965	138,878	166,915	26,593	34,210	40,924	39,203	42,641	49,223
Transportation and public utilities.....	12,922	14,244	15,211	16,512	15,061	15,789	(D)	(D)	(D)	9,483	10,665	12,178
Wholesale trade.....	7,137	7,629	8,507	10,004	14,069	15,946	(D)	(D)	(D)	4,247	5,122	5,745
Retail trade.....	39,616	45,585	51,485	57,347	69,234	77,224	16,252	16,412	18,388	18,177	20,488	22,778
Finance, insurance, and real estate.....	7,754	8,171	9,943	11,940	15,710	16,067	4,106	3,569	2,816	2,712	3,616	4,142
Services.....	87,144	101,812	121,618	140,112	163,516	188,403	29,210	30,653	39,981	41,083	45,800	53,175
Government and government enterprises.....	180,246	201,720	246,133	262,784	265,819	273,361	22,046	23,982	28,513	30,930	32,000	34,926
Federal, civilian.....	70,571	73,655	82,475	91,885	102,879	101,916	1,358	1,612	1,884	2,022	2,132	2,422
Military.....	68,206	82,406	116,528	123,310	110,837	114,209	1,002	1,154	1,391	1,631	1,914	2,079
State and local.....	41,469	45,659	47,130	47,589	52,103	57,236	19,686	21,216	25,238	27,277	27,954	30,425

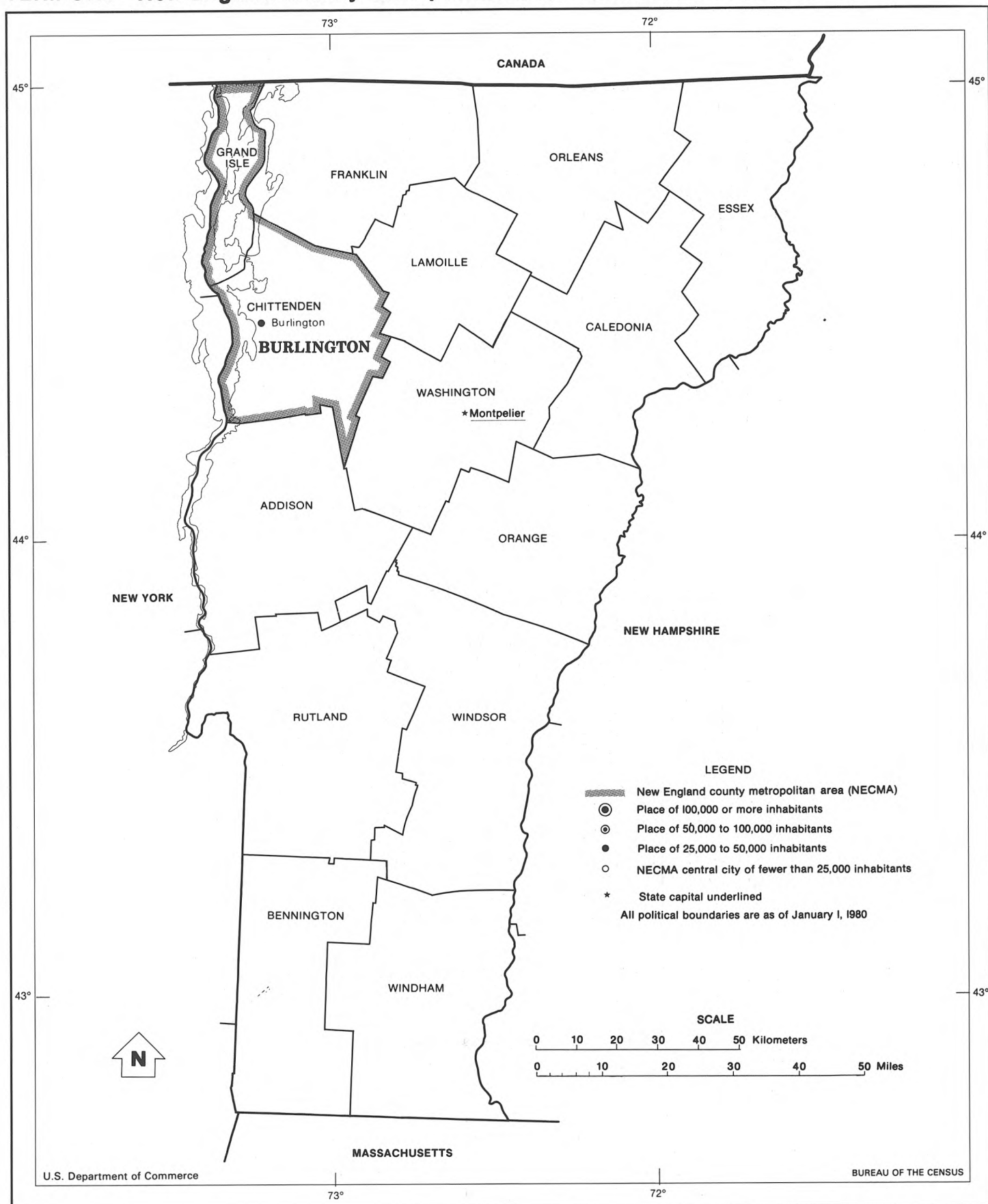
LOCAL AREA PERSONAL INCOME

RHODE ISLAND

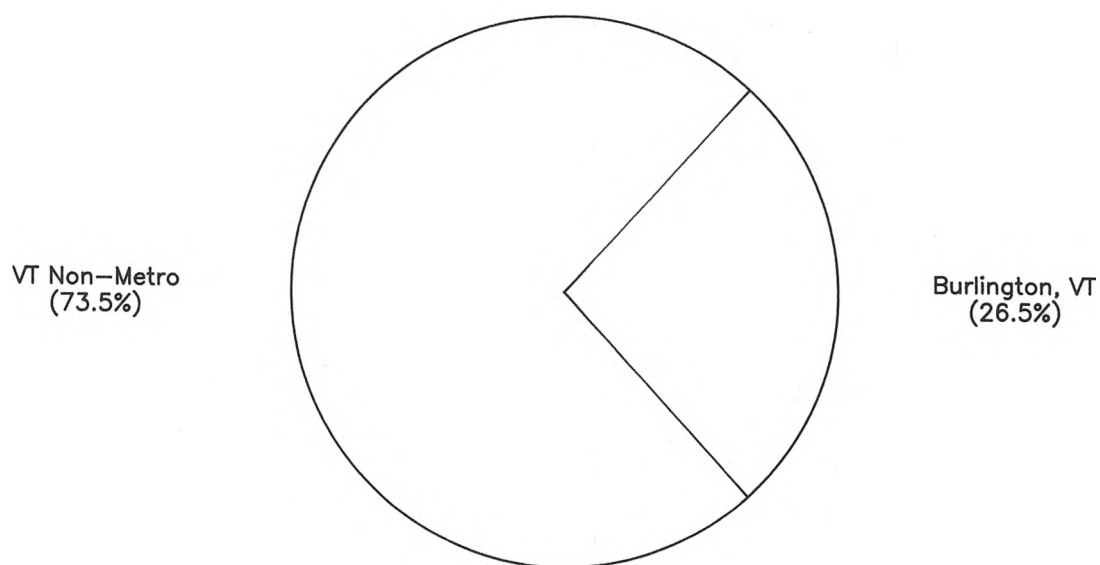
Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Kent, Rhode Island						Newport, Rhode Island					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	1,353,770	1,508,886	1,670,020	1,807,557	1,952,261	2,160,927	642,635	731,396	851,676	933,536	1,004,284	1,102,623
Nonfarm personal income.....	1,353,188	1,508,546	1,669,536	1,806,659	1,951,092	2,159,769	639,791	728,122	847,913	927,098	994,931	1,094,527
Farm income.....	582	340	484	898	1,169	1,158	2,844	3,274	3,763	6,438	9,353	8,096
Population (thousands) ¹	154.3	154.6	154.8	154.7	155.8	157.4	82.1	81.5	82.2	83.1	83.4	83.7
Per capita personal income (dollars).....	8,775	9,759	10,789	11,682	12,530	13,725	7,824	8,976	10,362	11,235	12,045	13,177
Derivation of total personal income:												
Total earnings by place of work.....	722,928	784,569	850,828	881,666	962,896	1,066,792	441,174	501,967	589,829	658,397	733,357	806,651
Less: Personal contributions for social insurance ²	48,533	53,584	60,580	64,491	71,653	80,041	29,019	33,134	39,326	44,752	50,913	57,028
Plus: Adjustment for residence.....	320,361	341,395	355,474	404,182	449,041	508,459	6,106	—1,546	—15,728	—25,983	—25,690	—25,690
Equals: Net earnings by place of residence.....	994,756	1,072,380	1,145,722	1,221,357	1,340,284	1,495,210	418,261	467,187	538,957	597,917	656,461	723,933
Plus: Dividends, interest, and rent ³	168,815	211,746	268,523	298,582	308,455	350,870	113,009	135,366	166,503	179,142	182,732	207,288
Plus: Transfer payments.....	190,199	224,760	255,775	287,618	303,522	314,847	111,365	128,843	146,216	156,477	165,091	171,402
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	603,254	656,585	717,890	737,551	791,312	871,386	386,179	442,399	525,453	582,013	634,426	694,382
Other labor income.....	60,781	68,384	76,635	82,896	92,032	102,992	24,579	29,312	35,020	42,753	51,686	59,879
Proprietors' income ⁴	58,893	59,600	56,303	61,219	79,552	92,414	30,416	30,256	29,356	33,631	47,245	52,390
Farm.....	287	(L)	103	528	797	799	299	188	531	2,990	5,780	4,237
Nonfarm.....	58,606	59,600	56,200	60,691	78,755	91,615	30,117	30,068	28,825	30,641	41,465	48,153
Earnings by industry:												
Farm.....	582	340	484	898	1,169	1,158	2,844	3,274	3,763	6,438	9,353	8,096
Nonfarm.....	722,346	784,229	850,344	880,768	961,727	1,065,634	438,330	498,693	586,066	651,959	724,004	798,555
Private.....	622,852	679,897	736,411	763,199	832,860	922,622	258,084	296,973	339,933	389,175	458,185	525,194
Agricultural services, forestry, fisheries, and other ⁵	(D)	3,588	2,785	2,606	4,157	5,055	(D)	6,464	5,978	6,192	8,400	8,978
Mining.....	(D)	(D)	(D)	(L)	(L)	(L)	(D)	(L)	(L)	(L)	(L)	(L)
Construction.....	42,471	42,176	40,372	42,417	46,684	53,141	19,156	18,196	17,518	20,933	25,358	27,087
Manufacturing.....	266,816	290,437	318,951	310,777	321,021	347,392	78,329	94,872	109,673	126,135	146,837	175,700
Nondurable goods.....	59,943	66,571	74,027	80,908	86,596	99,900	4,834	5,728	6,500	7,170	7,959	8,785
Durable goods.....	206,873	223,866	244,924	229,869	234,425	247,492	73,495	89,144	103,173	118,965	138,878	166,915
Transportation and public utilities.....	(D)	(D)	(D)	30,185	32,353	34,947	12,922	14,244	15,211	16,512	15,061	15,789
Wholesale trade.....	33,911	39,883	41,309	41,855	50,208	52,497	7,137	7,629	8,507	10,004	14,069	15,946
Retail trade.....	103,655	110,761	121,268	130,197	143,988	160,850	39,616	45,585	51,485	57,347	69,234	77,224
Finance, insurance, and real estate.....	44,974	48,093	48,582	51,488	56,562	59,293	7,754	8,171	9,943	11,940	15,710	16,067
Services.....	104,861	119,937	134,776	153,657	177,887	203,447	87,144	101,812	121,618	140,112	163,516	188,403
Government and government enterprises.....	99,494	104,332	113,933	117,569	128,867	143,012	180,246	201,720	246,133	262,784	265,819	273,361
Federal, civilian.....	20,388	21,940	24,176	24,391	25,669	27,599	70,571	73,655	82,475	91,885	102,879	101,916
Military.....	2,424	2,798	3,332	3,663	4,214	4,580	68,206	82,406	116,528	123,310	110,837	114,209
State and local.....	76,682	79,594	86,425	89,515	98,984	110,833	41,469	45,659	47,130	47,589	52,103	57,236
Providence, Rhode Island							Washington, Rhode Island					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	4,635,777	5,129,926	5,713,322	6,054,154	6,472,560	7,135,624	779,693	883,258	986,760	1,067,208	1,161,029	1,294,207
Nonfarm personal income.....	4,631,726	5,126,873	5,710,036	6,049,288	6,467,506	7,129,131	776,155	880,341	983,254	1,060,902	1,151,026	1,286,224
Farm income.....	4,051	3,053	3,286	4,866	5,054	6,493	3,538	2,917	3,506	6,306	10,003	7,983
Population (thousands) ¹	580.6	571.6	573.4	573.2	573.7	576.7	92.8	93.9	94.7	95.1	95.3	97.5
Per capita personal income (dollars).....	7,985	8,975	9,963	10,563	11,281	12,373	8,399	9,406	10,419	11,218	12,179	13,277
Derivation of total personal income:												
Total earnings by place of work.....	3,825,460	4,099,267	4,382,890	4,582,068	4,947,582	5,484,308	433,655	502,289	543,692	566,272	638,844	719,332
Less: Personal contributions for social insurance ²	252,744	274,268	307,286	326,636	359,979	401,172	28,157	33,017	36,847	39,091	44,888	51,018
Plus: Adjustment for residence.....	—435,037	—462,496	—456,937	—504,511	—521,040	—564,279	147,679	144,645	158,510	185,611	194,250	218,211
Equals: Net earnings by place of residence.....	3,137,679	3,362,503	3,618,667	3,750,921	4,066,563	4,518,857	553,177	613,917	665,355	712,792	788,206	886,525
Plus: Dividends, interest, and rent ³	713,531	857,918	1,061,700	1,169,642	1,206,074	1,372,686	118,305	142,265	175,806	193,558	201,472	228,620
Plus: Transfer payments.....	784,567	909,505	1,032,955	1,133,591	1,199,923	1,244,081	108,211	127,076	145,599	160,858	171,406	179,062
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	3,297,481	3,544,532	3,775,942	3,929,981	4,178,723	4,600,439	360,612	420,604	459,072	477,596	522,973	586,522
Other labor income.....	332,803	367,011	403,550	448,448	504,830	572,795	35,214	44,536	51,179	53,941	64,497	75,251
Proprietors' income ⁴	195,176	187,724	203,398	203,639	264,029	311,074	37,829	37,149	33,441	34,735	51,374	57,559
Farm.....	2,220	1,511	1,760	3,426	3,502	4,933	978	—174	271	2,832	6,306	4,325
Nonfarm.....	192,956	186,213	201,638	200,213	260,527	306,141	36,851	37,323	33,170	31,903	45,068	53,234
Earnings by industry:												
Farm.....	4,051	3,053	3,286	4,866	5,054	6,493	3,538	2,917	3,506	6,306	10,003	7,983
Nonfarm.....	3,821,409	4,096,214	4,379,604	4,577,202	4,942,528	5,477,815	430,117	499,372	540,186	559,966	628,841	711,349
Private.....	3,304,019	3,534,241	3,778,664	3,938,815	4,269,450	4,743,761	329,556	388,741	418,205	426,755	487,389	559,136
Agricultural services, forestry, fisheries, and other ⁵	7,449	7,825	7,679	7,857	9,433	11,814	10,780	11,920	12,556	14,732	18,467	20,694
Mining.....	1,893	1,817	2,174	2,826	2,183	2,331	(D)	(D)	(D)	1,884	856	1,087
Construction.....	163,982	164,579	170,747	176,045	192,943	227,569	21,145	18,061	17,398	17,609	22,881	29,787
Manufacturing.....	1,286,182	1,367,943	1,463,209	1,433,638	1,506,058	1,659,873	157,329	201,053	210,942	202,254	238,097	271,462
Nondurable goods.....	417,021	449,203	491,444	498,427	517,398	567,977	37,218	43,247	42,673	41,130	48,856	53,386
Durable goods.....	869,161	918,740	971,765	935,211	988,668	1,091,896	120,111	157,806	168,269	161,124	189,241	218,076
Transportation and public utilities.....	210,663	223,320	238,581	261,271	283,781	296,364	10,136	13,034	16,048	17,103	13,304	14,811
Wholesale trade.....	272,086	291,915	300,147	311,459	339,064	376,689	(D)	(D)	(D)	11,884	13,713	15,103
Retail trade.....	336,271	351,548	358,950	372,512	406,092	456,371	52,519	59,568	65,786	71,155	79,198	87,912
Finance, insurance, and real estate.....	254,175	276,699	310,943	331,006	374,639	424,651	8,843	8,705	11,300	11,350	14,287	16,806
Services.....	771,318	848,595	926,234	1,042,201	1,155,257	1,288,099	56,857	66,076	71,887	78,784	86,586	101,474
Government and government enterprises.....	517,390	561,973	600,940	638,387	673,078	734,054	100,561	110,631	121,981	133,211	141,452	152,213
Federal, civilian.....	88,485	88,986	98,843	102,644	107,554	115,685	8,493	10,997	11,339	11,826	12,780	13,922
Military.....	11,555	13,203	16,387	18,055	20,640	22,126	2,497	2,888	3,817	4,429	5,177	5,622
State and local.....	417,350	459,784	485,710	517,688	544,884	596,243	89,571	96,746	106,825	116,956	123,495	132,669

VERMONT - New England County Metropolitan Area, Counties, and Selected Places

**Total Personal Income 1984
Percent of State Total: Vermont**



**Total Personal Income
Percent Change 1979-84**

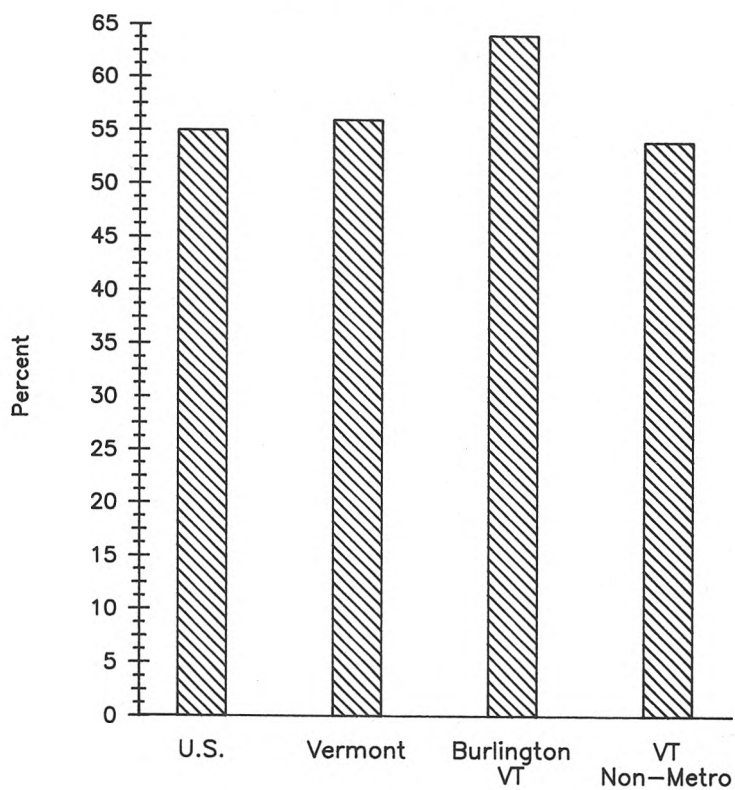


Table 5.—Personal Income for States and Counties of the New England Region, 1979–84

(Thousands of dollars)

	State of Vermont						Vermont (Metropolitan portion)					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	3,674,456	4,081,122	4,657,850	4,954,239	5,248,381	5,736,358	929,175	1,048,044	1,209,833	1,293,647	1,387,047	1,519,491
Nonfarm personal income.....	3,543,415	3,967,938	4,532,301	4,807,400	5,135,420	5,625,675	913,647	1,034,851	1,195,697	1,277,277	1,373,993	1,506,528
Farm income.....	131,041	113,184	125,549	146,839	112,961	110,683	15,528	13,193	14,136	16,370	13,054	12,963
Population (thousands) ¹	505.7	512.1	515.7	520.0	525.4	529.8	117.5	120.5	122.0	123.2	124.5	126.2
Per capita personal income (dollars).....	7,266	7,970	9,032	9,527	9,989	10,828	7,906	8,697	9,915	10,503	11,139	12,039
Derivation of total personal income:												
Total earnings by place of work.....	2,736,576	2,950,541	3,268,316	3,423,178	3,686,279	4,043,618	817,803	904,823	1,030,012	1,116,340	1,215,197	1,334,617
Less: Personal contributions for social insurance ²	149,796	166,527	204,354	206,481	216,466	238,928	45,771	51,678	65,286	68,244	72,273	79,476
Plus: Adjustment for residence.....	-45,631	-42,967	-49,129	-52,281	-64,520	-62,424	-73,223	-78,650	-94,731	-114,791	-125,625	-135,910
Equals: Net earnings by place of residence.....	2,541,149	2,741,047	3,014,833	3,164,416	3,405,293	3,742,266	698,809	774,495	869,995	933,305	1,017,299	1,119,231
Plus: Dividends, interest, and rent ⁴	612,204	721,205	892,012	960,876	1,014,127	1,145,197	126,751	151,021	188,052	198,437	214,015	240,881
Plus: Transfer payments.....	521,103	618,870	751,005	828,947	828,961	848,895	103,615	122,528	151,786	161,905	155,733	159,379
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	2,187,119	2,395,711	2,648,129	2,821,343	3,037,292	3,319,284	693,418	772,838	880,967	964,851	1,042,934	1,141,470
Other labor income.....	207,858	234,076	265,593	298,392	340,156	380,705	62,596	72,584	85,649	99,140	113,510	126,578
Proprietors' income ³	341,599	320,754	354,594	303,443	308,831	343,629	61,789	59,401	63,396	52,349	58,753	66,569
Farm.....	96,903	75,729	88,763	104,447	71,635	67,907	11,598	8,881	9,909	11,492	8,304	8,049
Nonfarm.....	244,696	245,025	265,831	198,996	237,196	275,722	50,191	50,520	53,487	40,857	50,449	58,520
Earnings by industry:												
Farm.....	131,041	113,184	125,549	146,839	112,961	110,683	15,528	13,193	14,136	16,370	13,054	12,963
Nonfarm.....	2,605,535	2,837,357	3,142,767	3,276,339	3,573,318	3,932,935	802,275	891,630	1,015,876	1,099,970	1,202,143	1,321,654
Private.....	2,205,615	2,402,741	2,665,431	2,762,085	3,017,270	3,333,753	676,863	756,048	866,910	939,344	1,028,905	1,133,794
Agricultural services, forestry, fisheries, and other ⁵	11,780	12,228	15,655	16,147	17,848	19,693	1,585*	1,688*	(D)	(D)	2,456*	2,776*
Mining.....	11,935	11,615	11,555	12,456	12,042	10,960	666	410	(D)	(D)	639	601
Construction.....	173,742	184,633	206,648	190,094	236,012	269,167	53,656*	59,568*	67,384*	61,372*	74,761	81,411
Manufacturing.....	815,199	905,441	1,006,195	1,029,650	1,079,549	1,167,401	281,674	321,992	379,460	425,003	446,294	482,709
Nondurable goods.....	183,567	198,580	216,176	226,072	247,422	268,061	23,102	25,795	31,270	33,708	35,855	38,738
Durable goods.....	631,632	706,861	790,019	803,578	832,127	899,340	258,572	296,197	348,190	391,295	410,439	443,971
Transportation and public utilities.....	167,733	179,403	191,586	203,136	222,488	241,764	46,849*	52,027	56,345	59,529	66,298*	74,588*
Wholesale trade.....	135,534	146,120	160,522	165,005	175,552	195,853	42,616	46,056	50,132	50,875	54,455	61,574
Retail trade.....	283,848	300,431	334,876	352,753	387,900	433,317	79,409	83,427	95,924	103,894	115,779	130,916
Finance, insurance, and real estate.....	120,772	129,792	130,485	139,388	160,259	182,728	36,341	41,280	40,867	42,747	49,921	55,013
Services.....	485,072	533,078	607,909	653,456	725,620	812,870	132,267*	148,147*	172,461*	191,727*	216,424*	242,089*
Government and government enterprises.....	399,920	434,616	477,336	514,254	556,048	599,182	125,412	135,582	148,966	160,626	173,238	187,860
Federal, civilian.....	78,014	84,050	94,117	99,976	105,354	112,310	27,267	28,126	29,759	31,232	33,310	35,996
Military.....	12,989	14,480	14,413	16,378	17,934	19,064	3,625	3,955	4,064	4,562	4,916	5,376
State and local.....	308,917	336,086	368,806	397,900	432,760	467,808	94,520	103,501	115,143	124,832	135,012	146,488
Vermont (Nonmetropolitan portion)												
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	2,745,281	3,033,078	3,448,017	3,660,592	3,861,334	4,216,867	187,034	205,380	233,246	250,130	261,759	284,415
Nonfarm personal income.....	2,629,768	2,933,087	3,336,604	3,530,123	3,761,427	4,119,147	166,649	188,382	215,290	226,899	244,058	268,254
Farm income.....	115,513	99,991	111,413	130,469	99,907	97,720	20,385	16,998	17,956	23,231	17,701	16,161
Population (thousands) ¹	388.2	391.5	393.7	396.9	400.9	403.6	28.5	29.6	29.6	30.2	30.8	30.9
Per capita personal income (dollars).....	7,072	7,746	8,758	9,224	9,632	10,449	6,568	6,941	7,875	8,282	8,489	9,208
Derivation of total personal income:												
Total earnings by place of work.....	1,918,773	2,045,718	2,238,304	2,306,838	2,471,082	2,709,001	123,247	133,698	146,729	155,022	160,680	174,442
Less: Personal contributions for social insurance ²	104,025	114,849	139,068	138,237	144,193	159,452	6,006	6,983	8,444	8,539	8,956	9,925
Plus: Adjustment for residence.....	27,592	35,683	45,602	62,510	61,105	73,486	13,001	12,091	13,946	16,190	17,437	19,122
Equals: Net earnings by place of residence.....	1,842,340	1,966,552	2,144,838	2,231,111	2,387,994	2,623,035	130,242	138,806	152,231	162,673	169,161	183,639
Plus: Dividends, interest, and rent ⁴	485,453	570,184	703,960	762,439	800,112	904,316	32,593	38,088	46,915	48,983	53,887	60,831
Plus: Transfer payments.....	417,488	496,342	599,219	667,042	673,228	689,516	24,199	28,486	34,100	38,474	38,711	39,945
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	1,493,701	1,622,873	1,767,162	1,856,492	1,994,358	2,177,814	86,910	99,749	108,272	114,957	122,477	134,196
Other labor income.....	145,262	161,492	179,944	199,252	226,646	254,127	8,390	9,961	11,254	12,509	14,247	16,044
Proprietors' income ³	279,810	261,353	291,198	251,094	250,078	277,060	27,947	23,988	27,203	27,556	23,956	24,202
Farm.....	85,305	66,848	78,854	92,955	63,331	59,858	14,196	10,200	11,296	10,540	10,220	8,420
Nonfarm.....	194,505	194,505	212,344	158,139	186,747	217,202	13,751	13,788	15,907	12,014	13,736	15,782
Earnings by industry:												
Farm.....	115,513	99,991	111,413	130,469	99,907	97,720	20,385	16,998	17,956	23,231	17,701	16,161
Nonfarm.....	1,803,260	1,945,727	2,126,891	2,176,369	2,371,175	2,611,281	102,862	116,700	128,773	131,791	142,979	158,281
Private.....	1,528,752	1,646,693	1,798,521	1,822,741	1,988,365	2,199,959	91,818	104,304	115,133	116,620	126,793	140,500
Agricultural services, forestry, fisheries, and other ⁵	(D)	(D)	(D)	(D)	(D)	(D)	(D)	875	(D)	(D)	(D)	1,369
Mining.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(L)	(D)	(D)	(D)	(L)
Construction.....	118,244*	123,089*	137,215*	126,770*	161,251	187,756	6,301	6,851	7,398	6,617	8,125	9,575
Manufacturing.....	533,525	583,449	626,735	604,647	633,255	684,692	36,551	43,717	46,930	47,811	51,058	55,085
Nondurable goods.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities.....	117,646*	127,376	135,241	143,607	154,531*	165,095*	(D)	3,096	3,134	3,114	3,818	4,183
Wholesale trade.....	92,918	100,064	110,390	114,130	121,097	134,279	6,414	7,072	6,993	6,631	6,140	6,216
Retail trade.....	204,439	217,004	238,952	248,859	272,121	302,401	11,646	12,489	15,019	15,362	16,797	18,770
Finance, insurance, and real estate.....	84,431	88,512	89,618	96,641	110,338	127,715	3,068	3,315	3,577	3,793	4,179	4,609
Services.....	351,171*	383,373*	433,633*	459,998*	507,098*	568,401*	24,106	26,889	30,975	32,117	35,356	40,693
Government and government enterprises.....	274,508	299,034	328,370	353,628	382,810	411,322	11,044	12,396	13,640	15,171	16,186	17,781
Federal, civilian.....	50,747	55,924	64,358	68,744	72,044	76,314	1,473	1,924	2,193	2,406	2,223	2,355
Military.....	9,364	10,525	10,349	11,816	13,018	13,688	595	717	686	836	925	962
State and local.....	214,397	232,585	253,663	273,068	297,748	321,320	8,976	9,755	10,761	11,929	13,038	14,464

See footnotes at end of tables.

LOCAL AREA PERSONAL INCOME

VERMONT

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Bennington, Vermont						Caledonia, Vermont					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	254,509	278,478	317,898	336,290	356,694	390,671	163,641	178,132	202,454	215,399	225,228	243,465
Nonfarm personal income.....	251,100	275,575	314,638	332,542	353,608	387,484	156,543	172,779	196,463	208,732	221,297	239,348
Farm income.....	3,409	2,903	3,260	3,748	3,086	3,187	7,098	5,353	5,991	6,667	3,931	4,117
Population (thousands)¹.....	33.1	33.3	33.7	34.2	34.5	34.6	25.9	25.8	25.9	25.9	26.1	26.4
Per capita personal income (dollars).....	7,682	8,359	9,425	9,847	10,342	11,281	6,326	6,909	7,827	8,319	8,640	9,238
Derivation of total personal income:												
Total earnings by place of work.....	175,315	181,717	200,633	209,995	232,103	254,939	114,442	118,236	129,309	133,538	140,890	150,988
Less: Personal contributions for social insurance².....	10,094	10,761	13,038	13,516	14,594	16,091	6,265	6,758	8,164	8,194	8,500	9,173
Plus: Adjustment for residence.....	-6,156	-4,720	-5,636	-6,300	-8,193	-8,912	1,202	2,223	2,156	1,913	2,548	4,096
Equals: Net earnings by place of residence.....	158,065	166,236	181,959	190,179	209,316	229,936	109,379	113,701	123,301	127,257	134,938	145,911
Plus: Dividends, interest, and rent³.....	58,495	68,074	83,068	87,382	87,065	98,225	26,103	31,644	39,943	44,957	45,890	52,001
Plus: Transfer payments.....	36,949	44,168	52,871	58,729	60,313	62,510	28,159	32,787	39,210	43,185	44,400	45,553
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	137,845	144,245	158,394	170,841	186,644	203,042	89,345	94,250	102,864	108,560	115,170	122,395
Other labor income.....	13,669	14,753	16,921	19,144	22,395	25,055	8,903	9,640	10,671	11,964	13,697	14,924
Proprietors' income⁴.....	23,801	22,719	25,318	20,010	23,064	26,842	16,194	14,346	15,774	13,014	12,023	13,669
Farm.....	2,656	2,078	2,437	2,812	2,160	2,225	5,096	3,156	3,837	4,182	1,511	1,614
Nonfarm.....	21,145	20,641	22,881	17,198	20,904	24,617	11,098	11,190	11,937	8,832	10,512	12,055
Earnings by industry:												
Farm.....	3,409	2,903	3,260	3,748	3,086	3,187	7,098	5,353	5,991	6,667	3,931	4,117
Nonfarm.....	171,906	178,814	197,373	206,247	229,017	251,752	107,344	112,883	123,318	126,871	136,959	146,871
Private.....	156,098	161,837	179,276	186,673	208,086	229,170	93,610	98,867	107,969	110,071	118,569	127,495
Agricultural services, forestry, fisheries, and other⁵.....	470	572	680	(D)	(D)	(D)	222	209	231	221	(D)	(D)
Mining.....	(L)	(L)	(L)	(D)	(D)	(D)	(L)	(L)	(L)	(L)	(D)	(D)
Construction.....	11,987	11,192	13,263	12,025	13,390	16,230	9,615	9,066	10,909	10,507	10,208	12,695
Manufacturing.....	65,188	67,187	73,671	76,182	85,207	92,279	32,493	34,712	37,870	37,066	39,123	40,269
Nonurable goods.....	15,986	18,206	19,688	21,923	24,365	26,347	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods.....	49,202	48,981	53,983	54,259	60,842	65,932	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities.....	6,560	6,769	7,414	7,192	7,750	8,090	9,299	9,742	10,735	12,454	13,766	14,523
Wholesale trade.....	3,707	3,786	4,411	4,683	4,970	5,643	7,157	7,209	6,866	7,023	7,554	7,809
Retail trade.....	25,148	26,143	28,144	29,258	32,548	36,204	12,860	13,983	15,100	15,319	17,077	18,668
Finance, insurance, and real estate.....	5,526	5,762	5,849	6,460	7,501	8,302	5,133	5,174	5,135	5,657	6,502	7,040
Services.....	37,512	40,426	45,844	50,074	55,901	61,502	16,824	18,764	21,128	21,819	24,104	26,254
Government and government enterprises.....	15,808	16,977	18,097	19,574	20,931	22,582	13,734	14,016	15,349	16,800	18,390	19,376
Federal, civilian.....	2,274	2,192	2,579	2,767	2,761	2,882	1,295	1,582	1,833	1,946	2,119	2,209
Military.....	718	834	806	932	1,030	1,078	590	668	645	737	797	820
State and local.....	12,816	13,951	14,712	15,875	17,140	18,622	11,849	11,766	12,871	14,117	15,474	16,347
Chittenden, Vermont							Essex, Vermont					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	899,596	1,014,325	1,171,002	1,251,044	1,341,539	1,470,839	35,261	39,559	44,598	48,260	51,093	55,679
Nonfarm personal income.....	885,889	1,002,617	1,158,328	1,236,705	1,329,947	1,459,119	33,297	37,821	42,622	46,016	49,274	53,903
Farm income.....	13,707	11,708	12,674	14,339	11,592	11,720	1,964	1,738	1,976	2,244	1,819	1,776
Population (thousands)¹.....	113.2	115.8	117.2	118.2	119.6	121.3	6.0	6.4	6.2	6.3	6.5	6.6
Per capita personal income (dollars).....	7,948	8,756	9,989	10,580	11,219	12,125	5,844	6,209	7,198	7,605	7,860	8,454
Derivation of total personal income:												
Total earnings by place of work.....	811,467	898,391	1,022,891	1,108,579	1,207,422	1,325,915	23,511	24,458	26,111	26,227	27,914	31,148
Less: Personal contributions for social insurance².....	45,480	51,349	64,876	67,829	71,855	78,984	1,283	1,383	1,603	1,611	1,709	1,926
Plus: Adjustment for residence.....	-87,664	-95,241	-113,519	-135,176	-147,997	-159,421	2,331	3,199	3,961	5,193	5,443	5,779
Equals: Net earnings by place of residence.....	678,323	751,801	844,496	905,574	987,570	1,087,510	24,559	26,274	28,469	29,809	31,648	35,001
Plus: Dividends, interest, and rent³.....	122,363	145,745	181,409	191,073	205,789	231,577	3,867	4,748	6,075	7,103	7,763	8,800
Plus: Transfer payments.....	98,910	116,779	145,097	154,397	148,180	151,752	6,835	8,537	10,054	11,348	11,682	11,878
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	689,406	768,382	875,997	959,451	1,037,174	1,134,804	17,982	18,992	19,887	20,281	21,574	24,147
Other labor income.....	62,335	72,267	85,221	98,664	112,979	125,931	1,880	2,055	2,319	2,387	2,705	3,040
Proprietors' income⁴.....	59,726	57,742	61,673	50,464	57,269	65,180	3,649	3,411	3,905	3,559	3,635	3,961
Farm.....	10,590	8,289	9,319	10,471	7,821	7,817	1,480	1,207	1,463	1,645	1,243	1,184
Nonfarm.....	49,136	49,453	52,354	39,993	49,448	57,363	2,169	2,204	2,442	1,914	2,392	2,777
Earnings by industry:												
Farm.....	13,707	11,708	12,674	14,339	11,592	11,720	1,964	1,738	1,976	2,244	1,819	1,776
Nonfarm.....	797,760	886,683	1,010,217	1,094,240	1,195,830	1,314,195	21,547	22,720	24,135	23,983	26,095	29,372
Private.....	673,666	752,615	862,893	935,367	1,024,530	1,128,638	18,984	19,970	21,303	21,031	22,983	25,812
Agricultural services, forestry, fisheries, and other⁵.....	1,585	1,688	(D)	(D)	2,456	2,776	(L)	(L)	52	(L)	(L)	(L)
Mining.....	666	410	(D)	(D)	639	601	(L)	(L)	(L)	(L)	(L)	(L)
Construction.....	53,656	59,568	67,384	61,372	73,829	80,315	(D)	(D)	(D)	(D)	(D)	(D)
Manufacturing.....	281,402	321,615	379,040	424,617	445,920	482,218	15,060	15,734	16,750	16,964	18,441	20,292
Nonurable goods.....	23,008	25,651	31,097	33,555	35,676	38,495	(D)	(D)	(D)	(D)	(D)	(D)
Durable goods.....	258,394	295,964	347,943	391,062	410,244	443,723	(D)	(D)	(D)	(D)	(D)	(D)
Transportation and public utilities.....	46,849	51,603	55,887	59,158	66,298	74,588	948	1,146	1,396	1,247	(D)	(D)
Wholesale trade.....	42,488	45,907	50,014	50,737	54,370	61,477	86	102	103	101	108	196
Retail trade.....	78,649	82,660	95,066	103,073	114,987	129,897	616	697	772	711	746	814
Finance, insurance, and real estate.....	36,104	41,017	40,570	42,457	49,607	54,677	196	173	216	229	247	283
Services.....	132,267	148,147	172,461	191,727	216,424	242,089	(D)	(D)	(D)	(D)	(D)	(D)
Government and government enterprises.....	124,094	134,068	147,324	158,873	171,300	185,557	2,563	2,750	2,832	2,952	3,112	3,560
Federal, civilian.....	26,960	27,739	29,362	30,839	32,863	35,443	926	1,114	1,203	1,221	1,279	1,554
Military.....	3,534	3,842	3,953	4,430	4,767	5,223	126	155	143	170	195	205
State and local.....	93,600	102,487	114,009	123,604	133,670	144,891	1,511	1,481	1,486	1,561	1,638	1,801

See footnotes at end of tables.

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Franklin, Vermont						Grand Isle, Vermont					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	229,793	253,261	289,066	313,488	328,607	353,883	29,579	33,719	38,831	42,603	45,508	48,652
Nonfarm personal income.....	208,194	234,104	267,614	289,184	309,688	336,442	27,758	32,234	37,369	40,572	44,046	47,409
Farm income.....	21,599	19,157	21,452	24,304	18,919	17,441	1,821	1,485	1,462	2,031	1,462	1,243
Population (thousands) ¹	34.0	34.9	34.9	35.4	35.8	36.1	4.3	4.7	4.8	4.9	4.9	4.9
Per capita personal income (dollars).....	6,754	7,261	8,277	8,847	9,187	9,814	6,803	7,219	8,086	8,649	9,203	9,909
Derivation of total personal income:												
Total earnings by place of work.....	131,864	138,183	154,139	160,907	169,000	184,013	6,336	6,432	7,121	7,761	7,775	8,702
Less: Personal contributions for social insurance ²	6,412	7,082	8,687	8,784	9,235	10,244	291	329	410	415	418	492
Plus: Adjustment for residence.....	39,395	43,973	49,106	57,056	61,113	64,964	14,441	16,591	18,788	20,385	22,372	23,511
Equals: Net earnings by place of residence.....	164,847	175,074	194,558	209,179	220,878	238,733	20,486	22,694	25,499	27,731	29,729	31,721
Plus: Dividends, interest, and rent ³	26,576	32,652	41,740	45,723	48,694	55,243	4,388	5,276	6,643	7,364	8,226	9,304
Plus: Transfer payments.....	38,370	45,535	52,768	58,586	59,035	59,907	4,705	5,749	6,689	7,508	7,553	7,627
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	93,180	101,143	110,973	117,918	127,801	140,201	4,012	4,456	4,970	5,400	5,760	6,666
Other labor income.....	9,042	10,318	11,891	13,036	14,979	17,243	261	317	428	476	531	647
Proprietors' income ⁴	29,642	26,722	31,275	29,953	26,220	26,569	2,063	1,659	1,723	1,885	1,484	1,389
Farm.....	16,070	13,087	15,514	17,438	12,247	10,544	1,008	592	590	1,021	483	232
Nonfarm.....	13,572	13,635	15,761	12,515	13,973	16,025	1,055	1,067	1,133	864	1,001	1,157
Earnings by industry:												
Farm.....	21,599	19,157	21,452	24,304	18,919	17,441	1,821	1,485	1,462	2,031	1,462	1,243
Nonfarm.....	110,265	119,026	132,687	136,603	150,081	166,572	4,515	4,947	5,659	5,730	6,313	7,459
Private.....	90,934	98,432	110,301	111,811	123,445	137,270	3,197	3,433	4,017	3,977	4,375	5,156
Agricultural services, forestry, fisheries, and other ⁵	1,084	918	1,385	1,284	1,382	1,339	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	356	253	267	265	161	172	(L)	(L)	(L)	(L)	(L)	(L)
Construction.....	5,412	5,422	6,390	5,185	6,272	7,290	(D)	(D)	(D)	(D)	932	1,096
Manufacturing.....	35,734	40,486	44,667	44,067	49,074	56,369	272	377	420	386	374	491
Nondurable goods.....	20,751	23,798	25,791	25,889	30,517	36,016	94	144	173	153	179	243
Durable goods.....	14,983	16,688	18,876	18,178	18,557	20,353	178	233	247	233	195	248
Transportation and public utilities.....	7,054	7,638	8,846	9,269	9,630	10,808	(D)	424	458	371	(D)	(D)
Wholesale trade.....	7,307	7,737	8,242	8,050	8,724	9,584	128	149	118	138	85	97
Retail trade.....	13,508	14,439	16,058	17,259	19,004	20,244	760	767	858	821	792	1,019
Finance, insurance, and real estate.....	3,704	3,867	4,030	4,303	4,771	5,335	237	263	297	290	314	336
Services.....	16,775	17,672	20,416	22,129	24,427	26,129	(D)	(D)	(D)	(D)	(D)	(D)
Government and government enterprises.....	19,331	20,594	22,386	24,792	26,636	29,302	1,318	1,514	1,642	1,753	1,938	2,303
Federal, civilian.....	5,686	6,200	6,808	7,790	8,118	9,701	307	387	397	393	447	553
Military.....	752	873	844	982	1,087	1,122	91	113	111	132	149	153
State and local.....	12,893	13,521	14,734	16,020	17,431	19,009	920	1,014	1,134	1,228	1,342	1,597
Lamoille, Vermont							Orange, Vermont					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	111,367	123,347	144,508	154,915	162,388	179,339	141,600	155,110	177,981	188,112	198,647	217,627
Nonfarm personal income.....	105,795	118,369	139,010	148,683	157,031	173,949	130,437	145,570	167,198	175,824	189,093	207,902
Farm income.....	5,572	4,978	5,498	6,232	5,357	5,390	11,163	9,540	10,783	12,288	9,554	9,725
Population (thousands) ¹	16.9	16.8	16.9	17.0	17.5	17.5	22.6	22.8	23.1	23.2	23.6	23.8
Per capita personal income (dollars).....	6,591	7,350	8,554	9,106	9,296	10,247	6,268	6,793	7,695	8,103	8,415	9,147
Derivation of total personal income:												
Total earnings by place of work.....	65,614	68,177	79,131	83,483	88,316	99,276	71,855	74,458	81,122	82,927	89,264	97,067
Less: Personal contributions for social insurance ²	3,469	3,750	4,862	4,935	5,023	5,718	3,531	3,893	4,680	4,530	4,805	5,349
Plus: Adjustment for residence.....	12,065	13,683	14,604	14,500	15,780	17,080	26,179	28,725	33,185	37,372	38,329	43,202
Equals: Net earnings by place of residence.....	74,210	78,110	88,873	93,048	99,073	110,638	94,503	99,290	109,627	115,769	122,788	134,920
Plus: Dividends, interest, and rent ³	19,994	24,297	30,586	34,448	35,406	39,878	25,852	30,284	37,382	38,590	42,487	48,076
Plus: Transfer payments.....	17,163	20,940	25,049	27,419	27,909	28,823	21,245	25,536	30,972	33,753	33,372	34,631
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	49,033	51,973	60,589	65,709	69,496	78,081	49,010	53,400	57,551	59,876	66,378	71,895
Other labor income.....	3,922	4,269	5,131	5,998	6,735	7,787	4,682	5,088	5,543	6,016	7,167	7,949
Proprietors' income ⁴	12,659	11,935	13,411	11,776	12,085	13,408	18,163	15,970	18,028	17,035	15,719	17,223
Farm.....	4,224	3,500	4,044	4,558	3,723	3,698	9,119	7,301	8,579	9,751	7,080	7,163
Nonfarm.....	8,435	8,435	9,367	7,218	8,362	9,710	9,044	8,669	9,449	7,284	8,639	10,060
Earnings by industry:												
Farm.....	5,572	4,978	5,498	6,232	5,357	5,390	11,163	9,540	10,783	12,288	9,554	9,725
Nonfarm.....	60,042	63,199	73,633	77,251	82,959	93,886	60,692	64,918	70,339	70,639	79,710	87,342
Private.....	50,695	52,885	61,814	64,516	68,926	78,725	50,913	53,647	57,380	56,307	64,153	71,247
Agricultural services, forestry, fisheries, and other ⁵	208	267	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	140	126	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	6,283	6,600	7,343	7,284	8,040	9,939	4,824	4,630	5,388	5,208	6,791	8,318
Manufacturing.....	9,078	9,637	11,072	8,412	9,165	10,920	16,757	17,875	17,442	17,121	19,196	20,847
Nondurable goods.....	2,327	2,703	3,115	2,585	2,796	3,015	4,493	5,024	4,923	4,818	5,454	6,359
Durable goods.....	6,751	6,934	7,957	5,827	6,369	7,905	12,264	12,851	12,519	12,303	13,742	14,488
Transportation and public utilities.....	2,720	2,447	2,830	3,355	3,592	3,803	2,206	2,088	2,380	2,431	2,465	2,726
Wholesale trade.....	1,920	3,037	2,636	2,457	2,541	2,735	1,981	2,191	2,405	2,385	2,637	3,111
Retail trade.....	9,200	9,072	11,291	12,000	12,493	14,322	8,260	8,316	9,638	9,511	10,237	11,676
Finance, insurance, and real estate.....	2,120	2,217	2,680	3,668	3,971	4,133	2,443	2,578	2,600	2,473	2,886	3,222
Services.....	19,026	19,482	23,475	25,116	26,716	31,824	13,347	14,890	16,279	16,090	18,807	20,204
Government and government enterprises.....	9,347	10,314	11,819	12,735	14,033	15,161	9,779	11,271	12,959	14,332	15,557	16,095
Federal, civilian.....	754	954	1,086	1,141	1,172	1,212	951	1,583	1,914	2,076	2,065	2,137
Military.....	353	406	392	454	511	545	472	552	536	619	700	741
State and local.....	8,240	8,954	10,341	11,140	12,350	13,404	8,356	9,136	10,509	11,637	12,792	13,217

See footnotes at end of tables.

LOCAL AREA PERSONAL INCOME

VERMONT

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Orleans, Vermont						Rutland, Vermont					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	133,900	144,910	163,404	176,744	180,771	197,711	429,862	474,854	535,410	565,158	597,735	659,395
Nonfarm personal income.....	119,904	132,688	149,268	160,660	168,614	185,742	418,584	465,489	524,770	552,616	588,581	650,283
Farm income.....	13,996	12,222	14,136	16,084	12,157	11,969	11,278	9,365	10,640	12,542	9,154	9,112
Population (thousands) ¹	23.7	23.4	23.5	23.6	23.8	23.9	58.3	58.2	58.0	58.3	58.5	59.1
Per capita personal income (dollars).....	5,661	6,189	6,943	7,489	7,610	8,279	7,378	8,153	9,224	9,698	10,226	11,165
Derivation of total personal income:												
Total earnings by place of work.....	97,672	99,136	105,752	106,955	111,185	123,987	306,399	329,445	356,151	367,272	393,987	440,864
Less: Personal contributions for social insurance ²	4,886	5,204	6,045	5,849	6,098	6,930	17,112	19,003	22,639	22,787	23,857	26,898
Plus: Adjustment for residence.....	-3,147	-2,611	-2,226	-1,879	-2,125	-3,165	3,464	3,713	4,975	5,347	5,105	5,100
Equals: Net earnings by place of residence.....	89,639	91,321	97,481	99,227	102,962	113,892	292,751	314,155	338,487	349,832	375,235	419,066
Plus: Dividends, interest, and rent ³	20,497	25,562	32,884	38,512	38,516	43,735	71,466	82,962	102,035	109,368	113,774	128,686
Plus: Transfer payments.....	23,764	28,027	33,039	39,005	39,293	40,084	65,645	77,737	94,888	105,958	108,726	111,643
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	71,501	74,571	77,296	79,094	84,888	95,110	241,698	263,752	283,387	298,708	319,746	357,518
Other labor income.....	6,746	7,363	7,983	8,397	9,599	11,222	25,569	28,666	31,224	34,124	39,011	43,772
Proprietors' income ⁴	19,425	17,202	20,473	19,464	16,698	17,655	39,132	37,027	41,540	34,440	35,230	39,574
Farm.....	10,785	8,699	10,681	12,097	8,277	7,956	8,537	6,363	7,672	9,140	5,818	5,653
Nonfarm.....	8,640	8,503	9,792	7,367	8,421	9,699	30,595	30,664	33,868	25,300	29,412	33,921
Earnings by industry:												
Farm.....	13,996	12,222	14,136	16,084	12,157	11,969	11,278	9,365	10,640	12,542	9,154	9,112
Nonfarm.....	83,676	86,914	91,616	90,871	99,028	112,018	295,121	320,080	345,511	354,730	384,833	431,752
Private.....	70,830	73,644	76,940	74,716	81,990	93,581	258,073	280,652	302,456	308,766	335,562	377,742
Agricultural services, forestry, fisheries, and other ⁵	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Mining.....	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
Construction.....	4,010	3,733	4,231	3,468	4,313	6,255	15,519	14,360	15,324	15,486	19,026	25,099
Manufacturing.....	28,414	30,019	30,845	28,090	30,364	35,684	87,064	98,189	103,499	102,524	108,012	115,007
Nonfarm.....	7,896	8,169	7,577	7,988	8,531	9,141	17,973	20,526	21,292	22,101	24,394	26,967
Durable goods.....	20,518	21,850	23,268	20,102	21,833	26,543	69,091	77,663	82,207	80,423	83,618	88,040
Transportation and public utilities.....	5,047	5,555	6,107	6,536	6,927	7,911	26,477	28,109	28,996	28,809	31,567	34,455
Wholesale trade.....	3,815	4,528	4,642	4,995	5,057	5,475	17,535	19,078	20,814	20,186	21,298	23,447
Retail trade.....	8,449	8,701	9,305	9,893	11,344	12,469	35,276	36,249	39,155	40,532	44,768	50,199
Finance, insurance, and real estate.....	2,363	2,500	2,345	2,461	2,656	2,977	13,743	14,862	14,424	14,933	17,834	22,109
Services.....	15,049	15,031	15,945	16,739	18,514	19,877	58,778	65,986	76,125	81,877	88,412	102,269
Government and government enterprises.....	12,846	13,270	14,676	16,155	17,038	18,437	37,048	39,428	43,055	45,964	49,271	54,010
Federal, civilian.....	2,717	3,061	3,271	3,552	3,386	3,672	5,539	6,214	7,116	7,456	7,583	8,020
Military.....	494	567	545	630	704	743	1,353	1,530	1,418	1,596	1,763	1,839
State and local.....	9,635	9,642	10,860	11,973	12,948	14,022	30,156	31,684	34,521	36,912	39,925	44,151
Washington, Vermont							Windham, Vermont					
	1979	1980	1981	1982	1983	1984	1979	1980	1981	1982	1983	1984
Income by Place of Residence												
Total personal income.....	393,505	439,955	501,514	534,231	565,101	615,495	267,785	300,148	339,982	360,073	394,350	429,523
Nonfarm personal income.....	387,715	434,741	495,559	527,543	560,099	610,310	261,051	294,041	333,513	351,937	387,561	422,814
Farm income.....	5,790	5,214	5,955	6,688	5,002	5,185	6,734	6,107	6,469	8,136	6,789	6,709
Population (thousands) ¹	51.9	52.4	52.9	53.2	53.4	53.6	36.7	36.9	37.2	37.6	38.2	38.5
Per capita personal income (dollars).....	7,585	8,402	9,482	10,043	10,574	11,492	7,303	8,128	9,127	9,566	10,327	11,155
Derivation of total personal income:												
Total earnings by place of work.....	299,464	325,567	355,239	375,992	410,054	446,054	225,605	242,835	264,775	279,481	320,453	348,343
Less: Personal contributions for social insurance ²	15,955	17,760	22,247	21,527	22,452	23,452	12,858	14,213	17,052	17,640	19,964	21,749
Plus: Adjustment for residence.....	-12,111	-13,290	-14,196	-17,339	-20,126	-19,976	-39,462	-39,918	-42,992	-48,416	-61,963	-64,773
Equals: Net earnings by place of residence.....	271,398	294,517	318,796	337,126	368,436	402,626	173,285	188,704	204,731	213,425	238,526	261,821
Plus: Dividends, interest, and rent ³	61,816	73,867	92,354	98,023	104,050	117,716	53,843	63,612	78,628	83,987	90,781	102,504
Plus: Transfer payments.....	60,291	71,571	90,364	99,082	92,615	95,153	40,657	47,832	56,623	62,661	65,043	65,198
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	246,201	270,771	296,811	319,943	346,468	374,440	183,075	199,148	217,860	234,002	268,016	288,918
Other labor income.....	20,745	22,740	25,592	30,425	35,011	38,685	17,882	19,698	21,792	24,978	30,005	33,969
Proprietors' income ⁴	32,518	32,056	32,836	25,624	28,575	32,929	24,648	23,989	25,123	20,501	22,432	25,456
Farm.....	4,293	3,572	4,338	4,828	3,187	3,306	4,301	3,434	3,850	5,113	3,846	3,661
Nonfarm.....	28,225	28,484	28,498	20,796	25,388	29,623	20,347	20,555	21,273	15,388	18,586	21,795
Earnings by industry:												
Farm.....	5,790	5,214	5,955	6,688	5,002	5,185	6,734	6,107	6,469	8,136	6,789	6,709
Nonfarm.....	293,674	320,353	349,284	369,304	405,052	440,869	218,871	236,728	258,306	271,345	313,664	341,634
Private.....	214,477	230,407	251,581	266,740	292,769	319,241	198,467	214,524	233,737	244,857	284,723	311,099
Agricultural services, forestry, fisheries, and other ⁵	556	(D)	(D)	(D)	624	744	3,102	(D)	(D)	(D)	(D)	(D)
Mining.....	4,783	(D)	(D)	(D)	4,394	4,509	155	(D)	(D)	(D)	(D)	(D)
Construction.....	19,745	20,464	24,222	23,482	26,932	29,783	15,705	21,659	21,835	19,323	34,931	33,950
Manufacturing.....	38,877	41,538	46,480	51,632	57,575	61,063	60,969	62,773	64,559	64,003	70,293	77,714
Nonfarm.....	9,454	10,447	11,910	12,997	14,312	15,191	34,408	35,027	36,628	38,776	41,867	42,998
Durable goods.....	29,423	31,091	34,570	38,635	43,263	45,872	26,561	27,746	27,931	25,227	28,426	34,716
Transportation and public utilities.....	16,114	16,252	16,028	17,694	18,862	18,291	22,967	25,045	26,808	29,911	33,371	35,095
Wholesale trade.....	16,854	16,765	18,588	18,778	19,963	22,989	11,895	12,093	16,690	20,248	22,400	24,742
Retail trade.....	27,932	32,385	34,895	36,328	38,861	43,280	24,756	26,206	28,088	29,559	32,961	36,260
Finance, insurance, and real estate.....	31,248	32,747	33,451	37,082	41,507	48,041	8,418	8,803	8,448	8,788	10,335	12,267
Services.....	58,368	65,134	72,362	75,694	84,051	90,541	50,500	54,076	62,516	68,079	75,251	85,574
Government and government enterprises.....	79,197	89,466	97,703	102,564	112,283	121,628	20,404	22,204	24,569	26,488	28,941	30,535
Federal, civilian.....	5,797	6,481	7,273	7,442	7,691	8,095	3,024	3,493	4,262	4,590	4,459	4,606
Military.....	2,070	2,085	2,264	2,423	2,613	2,793	782	903	874	1,031	1,147	1,199
State and local.....	71,330	81,380	88,166	92,699	101,979	110,740	16,598	17,808	19,433	20,867	23,335	24,730

See footnotes at end of tables.

Table 5.—Personal Income for States and Counties of the New England Region, 1979–84—Continued

(Thousands of dollars)

	Windsor, Vermont											
	1979	1980	1981	1982	1983	1984						
Income by Place of Residence												
Total personal income.....	397,024	439,944	497,956	517,792	538,961	589,664						
Nonfarm personal income.....	390,499	433,528	490,659	509,487	532,523	582,716						
Farm income.....	6,525	6,416	7,297	8,305	6,438	6,948						
Population (thousands)*.....	50.7	51.0	51.6	51.9	52.3	52.7						
Per capita personal income (dollars).....	7,831	8,618	9,646	9,976	10,303	11,182						
Derivation of total personal income:												
Total earnings by place of work.....	283,785	309,808	339,213	325,039	327,236	357,880						
Less: Personal contributions for social insurance ^a	16,154	18,059	21,607	20,325	19,960	21,997						
Plus: Adjustment for residence.....	-9,169	-11,385	-11,281	-1,127	7,757	10,969						
Equals: Net earnings by place of residence.....	258,462	280,364	306,325	303,587	315,033	346,852						
Plus: Dividends, interest, and rent ⁴	84,351	94,394	112,350	125,363	131,799	148,621						
Plus: Transfer payments.....	54,211	65,186	79,281	88,842	92,129	94,191						
Earnings by Place of Work												
Earnings by type:												
Wages and salaries.....	227,921	250,879	273,278	266,603	265,700	287,871						
Other labor income.....	23,832	26,941	29,623	30,274	31,095	34,437						
Proprietors' income ^a	32,032	31,988	36,312	28,162	30,441	35,572						
Farm.....	4,548	4,251	5,143	5,849	4,019	4,434						
Nonfarm.....	27,484	27,737	31,169	22,313	26,422	31,138						
Earnings by industry:												
Farm.....	6,525	6,416	7,297	8,305	6,438	6,948						
Nonfarm.....	277,260	303,392	331,916	316,734	320,798	350,932						
Private.....	233,853	257,524	280,631	260,633	260,366	288,077						
Agricultural services, forestry, fisheries, and other ^a	902	895	1,174	1,137	1,503	2,045						
Mining.....	124	119	110	163	87	107						
Construction.....	18,843	19,112	20,912	18,185	21,748	26,794						
Manufacturing.....	107,340	121,582	132,950	110,775	95,747	99,163						
Nondurable goods.....	22,966	22,581	24,239	22,454	23,530	25,387						
Durable goods.....	84,374	99,001	108,711	88,321	72,217	73,776						
Transportation and public utilities.....	18,254	19,489	20,567	21,595	22,783	25,210						
Wholesale trade.....	14,247	16,466	18,000	18,593	19,705	22,332						
Retail trade.....	26,788	28,324	31,487	33,127	35,285	39,495						
Finance, insurance, and real estate.....	6,469	6,514	6,863	6,794	7,949	9,397						
Services.....	40,886	45,023	48,568	50,264	55,559	63,534						
Government and government enterprises.....	43,407	45,868	51,285	56,101	60,432	62,855						
Federal, civilian.....	20,311	21,126	24,820	26,357	29,188	30,401						
Military.....	1,059	1,235	1,196	1,406	1,546	1,641						
State and local.....	22,037	23,507	25,269	28,338	29,698	30,813						
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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 totals.

* The estimate shown here constitutes the major portion of the true estimate.

¹ U.S. Bureau of the Census population estimates for 1982-84 reflect revisions available as of March 1, 1986.

² Personal contributions for social insurance are implicitly included in the estimates of earnings by type and industry but excluded from personal income.

³ Income of U.S. residents working across U.S. borders less income of foreign residents working in the United States.

⁴ Includes the capital consumption adjustment for rental income of persons.

⁵ Includes the inventory valuation and capital consumption adjustments.

⁶ Other includes wages and salaries of U.S. residents working for international organizations in the United States.

⁷ Far West Region totals do not include Alaska and Hawaii.

⁸ Cibola County, NM was separated from Valencia County in June 1981, but in these estimates, Valencia includes Cibola through the end of 1981.

⁹ The 1979-84 estimates reflect Alaska Census Areas' as defined in the 1980 decennial census.

¹⁰ La Paz County, AZ was separated from Yuma County on January 1, 1983.